LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	22	25	34	rVB	47548	72962	0.31%	0.023%
2	4.081	181	186	190	rBV	25977	34263	0.14%	0.011%
3	6.805	642	649	663	rBV	773630	1353351	5.67%	0.428%
4	6.964	670	676	692	rBV	732087	1136347	4.76%	0.359%
5	7.158	702	709	720	rBV	852588	1376940	5.76%	0.435%
6	7.622	782	788	796	rBV	874840	1405056	5.88%	0.444%
7	8.334	903	909	925	rBV	863295	1432567	6.00%	0.453%
8	8.781	978	985	993	rBV	850459	1429404	5.98%	0.452%
9	9.499	1099	1107	1120	rBV	680718	1184572	4.96%	0.375%
10	10.034	1191	1198	1214	rBV	972979	1723362	7.21%	0.545%
11	10.405	1254	1261	1278	rBV	1373527	2282765	9.56%	0.722%
12	10.552	1278	1286	1309	rVV	754476	1483582	6.21%	0.469%
13	13.693	1814	1820	1824	rBV	2225706	2933895	12.28%	0.928%
14	13.740	1824	1828	1836	rVB	740026	978537	4.10%	0.309%
15	13.969	1860	1867	1880	rBV	2371271	3473639	14.54%	1.098%
16	14.281	1914	1920	1928	rBV2	2093802	3079886	12.89%	0.974%
17	14.504	1953	1958	1976	rBV	302871	658646	2.76%	0.208%
18	15.087	2052	2057	2062	rBV	104589	134810	0.56%	0.043%
19	15.281	2083	2090	2097	rBV	3252973	4509752	18.88%	1.426%
20	15.416	2108	2113	2126	rBV	688470	1010763	4.23%	0.320%
21	15.540	2126	2134	2140	rVB	993060	1383744	5.79%	0.437%
22	16.569	2303	2309	2315	rBV	9678520	13646028	57.13%	4.314%
23	16.687	2324	2329	2336	rVB3	53772	81551	0.34%	0.026%
24	16.916	2363	2368	2371	rBV	226793	299763	1.25%	0.095%
25	16.951	2371	2374	2381	rVB	262355	335952	1.41%	0.106%
26	17.034	2381	2388	2391	rBV	2645054	4104792	17.18%	1.298%
27	17.069	2391	2394	2401	rVV2	4257782	6417796	26.87%	2.029%
28	17.134	2401	2405	2413	rVV	3062155	4486653	18.78%	1.419%
29	17.222	2413	2420	2426	rVB	12245626	17719924	74.18%	5.602%
30	17.328	2433	2438	2445	rVB2	59172	85629	0.36%	0.027%
31	17.416	2445	2453	2458	rBV	310735	428930	1.80%	0.136%
32	17.492	2462	2466	2468	rBV	151381	185757	0.78%	0.059%
33	17.522	2468	2471	2477	rVB	163732	217622	0.91%	0.069%
34	17.581	2477	2481	2485	rBV	225530	275986	1.16%	0.087%

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Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

35	17.645	2485	2492	2500	rVB	2193332	3127612	13.09%	0.989%
36	17.751	2504	2510	2518	rVB	5282833	7807186	32.68%	2.468%
37	17.834	2518	2524	2529	rBV	2827020	3762547	15.75%	1.190%
38	17.892	2529	2534	2538	rBV	1277489	1802512	7.55%	0.570%
39	17.945	2538	2543	2552	rVV	6580756	8961039	37.51%	2.833%
40	18.016	2552	2555	2557	rVV	83421	104355	0.44%	0.033%
41	18.051	2557	2561	2566	rVV	2767674	3798608	15.90%	1.201%
42	18.122	2566	2573	2578	rVV	14106018	23887671	100.00%	7.552%
43	18.181	2578	2583	2587	rVV	12860029	19963990	83.57%	6.312%
44	18.228	2587	2591	2596	rVB	11383341	15274933	63.94%	4.829%
45	18.410	2614	2622	2626	rBV	13433981	23845364	99.82%	7.539%
46	18.457	2626	2630	2635	rVB	8587294	11863144	49.66%	3.751%
47	18.510	2635	2639	2641	rBV	555097	806179	3.37%	0.255%
48	18.545	2641	2645	2648	rVV	7731645	10752927	45.01%	3.400%
49	18.586	2648	2652	2657	rVB	12958276	18108786	75.81%	5.725%
50	18.645	2658	2662	2664	rBV	344048	417242	1.75%	0.132%
51	18.681	2664	2668	2674	rVB	4060338	5299106	22.18%	1.675%
52	18.757	2674	2681	2688	rBV	660083	969010	4.06%	0.306%
53	18.828	2688	2693	2698	rVB2	786838	1098031	4.60%	0.347%
54	18.892	2698	2704	2708	rBV	5442815	6967194	29.17%	2.203%
55	18.945	2708	2713	2715	rBV	1718841	2634763	11.03%	0.833%
56	18.981	2715	2719	2725	rVB3	6420063	10959480	45.88%	3.465%
57	19.057	2728	2732	2736	rBV	824472	1011278	4.23%	0.320%
58	19.110	2736	2741	2749	rVB	431210	715343	2.99%	0.226%
59	19.192	2749	2755	2757	rBV2	1211208	1809980	7.58%	0.572%
60	19.251	2762	2765	2772	rVV	1399684	2060708	8.63%	0.652%
61	19.322	2772	2777	2782	rVV3	630801	862766	3.61%	0.273%
62	19.386	2784	2788	2792	rVV2	86244	121161	0.51%	0.038%
63	19.451	2792	2799	2807	rVV	4377887	6463783	27.06%	2.044%
64	19.516	2807	2810	2816	rVV2	287807	431581	1.81%	0.136%
65	19.598	2820	2824	2828	rVV	377472	446661	1.87%	0.141%
66	19.645	2828	2832	2837	rVV2	251076	314063	1.31%	0.099%
67	19.704	2837	2842	2846	rVV	539870	676049	2.83%	0.214%
68	19.757	2846	2851	2857	rVB	282800	387510	1.62%	0.123%
69	19.851	2863	2867	2872	rVB	161384	202040	0.85%	0.064%
70	19.975	2882	2888	2890	rVV4	118137	244535	1.02%	0.077%
71	20.022	2890	2896	2902	rVB2	729693	1099217	4.60%	0.348%

LSC Area Percent Report

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Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

72	20.139	2912	2916	2917	rBV3	38653	48415	0.20%	0.015%
73	20.245	2930	2934	2937	rBV2	75504	109745	0.46%	0.035%
74	20.280	2937	2940	2942	rVV2	43510	62674	0.26%	0.020%
75	20.333	2945	2949	2953	rVB	478195	568127	2.38%	0.180%
76	20.504	2974	2978	2982	rVV	206712	228133	0.96%	0.072%
77	20.569	2986	2989	2995	rVB2	72595	90830	0.38%	0.029%
78	20.669	3001	3006	3015	rBV4	79067	158556	0.66%	0.050%
79	20.804	3026	3029	3034	rBV3	36148	49932	0.21%	0.016%
80	20.969	3053	3057	3068	rBV	1015321	1721982	7.21%	0.544%
81	21.175	3087	3092	3098	rVB	1959041	2176296	9.11%	0.688%
82	21.257	3099	3106	3110	rVV	3316292	4485520	18.78%	1.418%
83	21.292	3110	3112	3121	rVB	203593	261048	1.09%	0.083%
84	21.410	3128	3132	3137	rBV	566390	607087	2.54%	0.192%
85	21.586	3160	3162	3165	rVB2	46546	42338	0.18%	0.013%
86	21.845	3202	3206	3208	rBV	1009133	1172009	4.91%	0.371%
87	21.869	3208	3210	3224	rVB	460228	972147	4.07%	0.307%
88	22.304	3279	3284	3289	rBV	1042635	1367330	5.72%	0.432%
89	22.527	3318	3322	3328	rBV	323736	444484	1.86%	0.141%
90	22.804	3364	3369	3374	rBV	1540572	2381246	9.97%	0.753%
91	22.863	3374	3379	3388	rVB	453335	1033808	4.33%	0.327%
92	23.292	3450	3452	3454	rBV	48835	54965	0.23%	0.017%
93	23.351	3455	3462	3475	rVB2	3576498	7629789	31.94%	2.412%
94	23.486	3478	3485	3499	rVB	2339666	4453963	18.65%	1.408%
95	23.674	3512	3517	3524	rVB	411431	692490	2.90%	0.219%
96	23.998	3566	3572	3580	rBV	1112184	2114534	8.85%	0.669%
97	24.098	3584	3589	3601	rVV3	144986	448017	1.88%	0.142%
98	24.733	3690	3697	3720	rVB	472990	1164574	4.88%	0.368%
99	25.586	3836	3842	3850	rBV2	252221	559325	2.34%	0.177%
100	26.498	3989	3997	4006	rBV9	202189	766411	3.21%	0.242%

Sum of corrected areas: 316289355

LSC Report - Integrated Chromatogram

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Data File : BN006437.D
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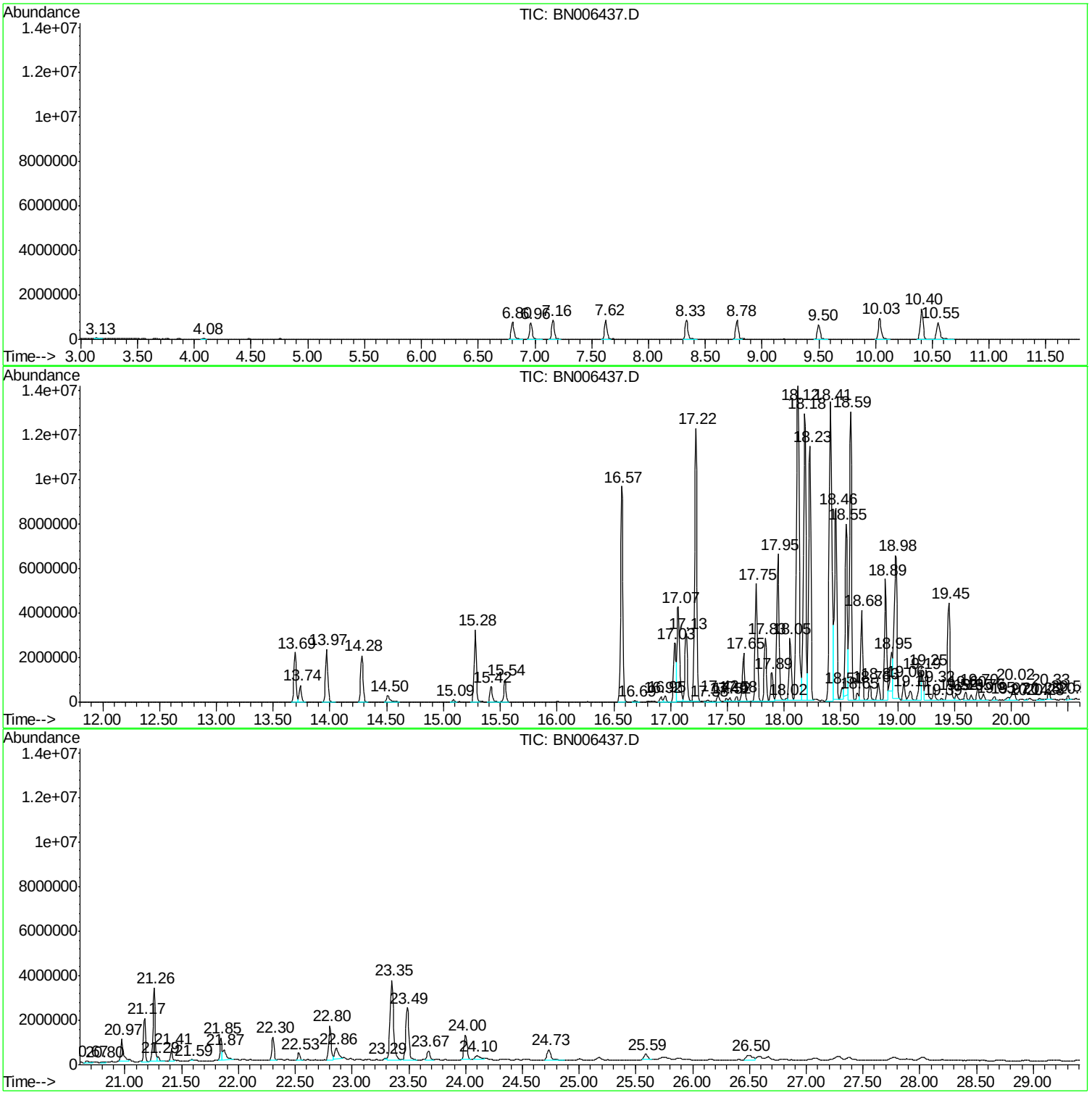
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
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Instrument : BNA_N
ClientSampleId : A4234

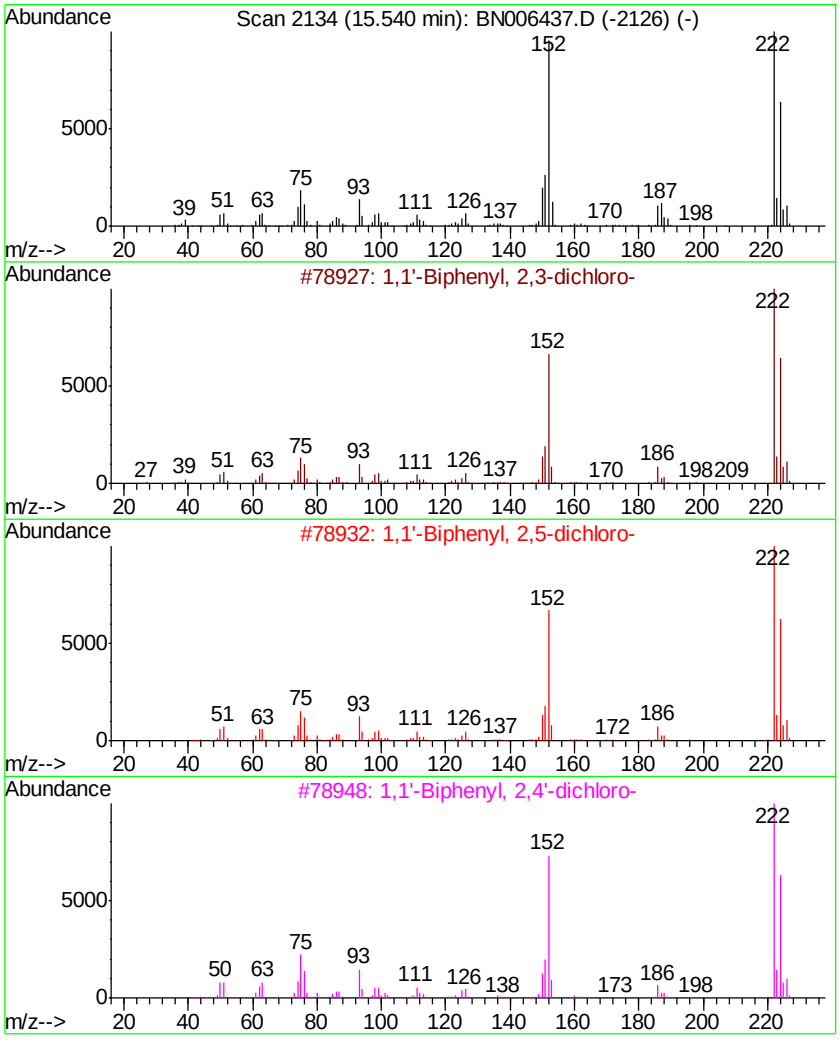
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

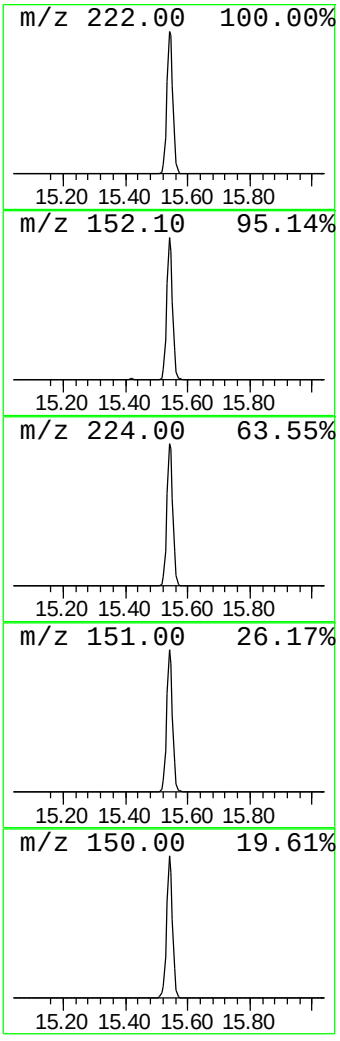
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	8.99 ng/ul	1383740	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
4	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	98
5	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	98





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

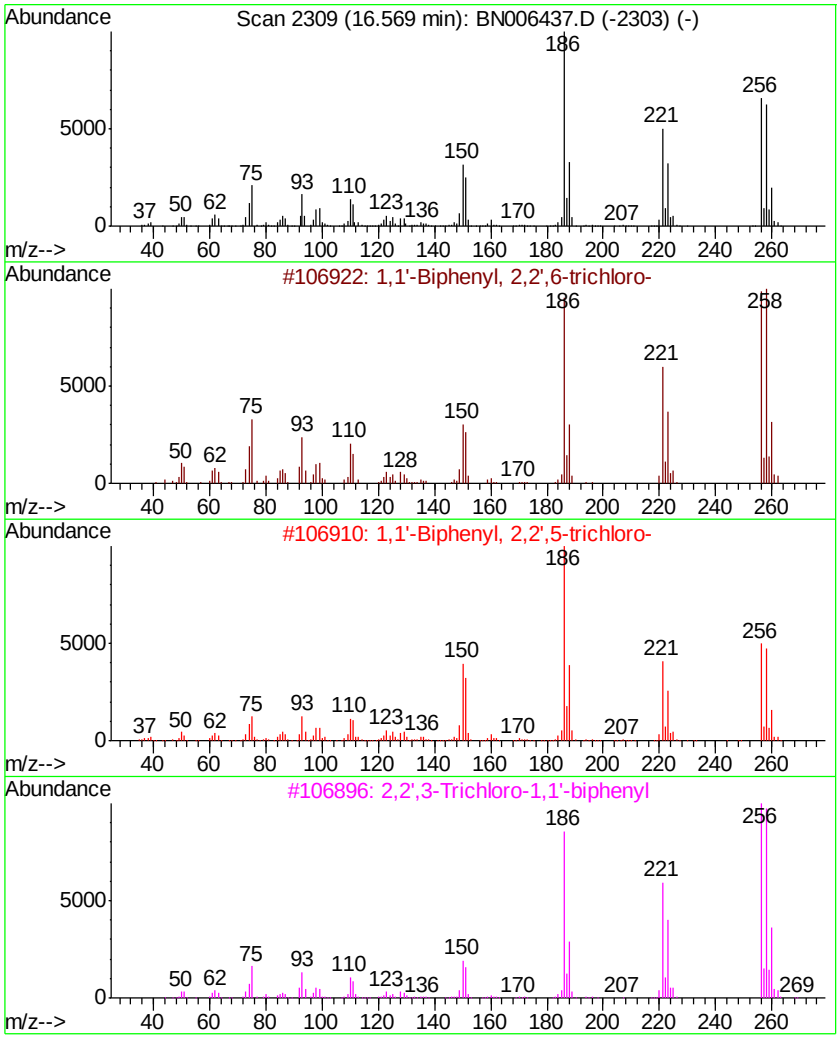
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

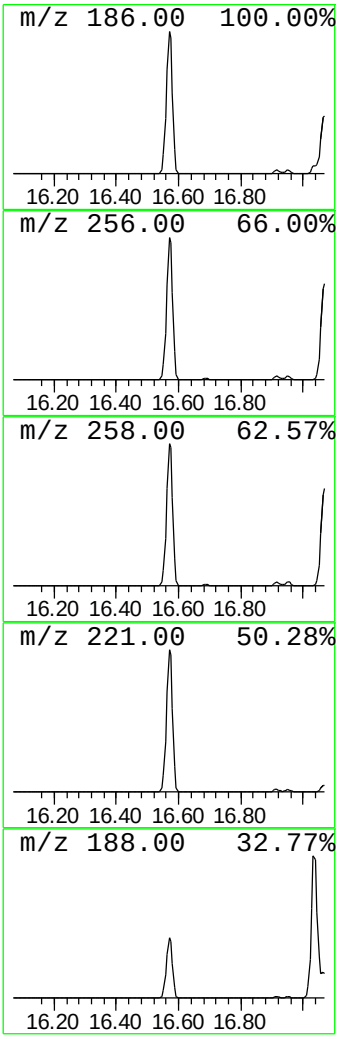
****

Peak Number 2 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	66.49 ng/ul	13646000	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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Quant Title : SVOA CALIBRATION

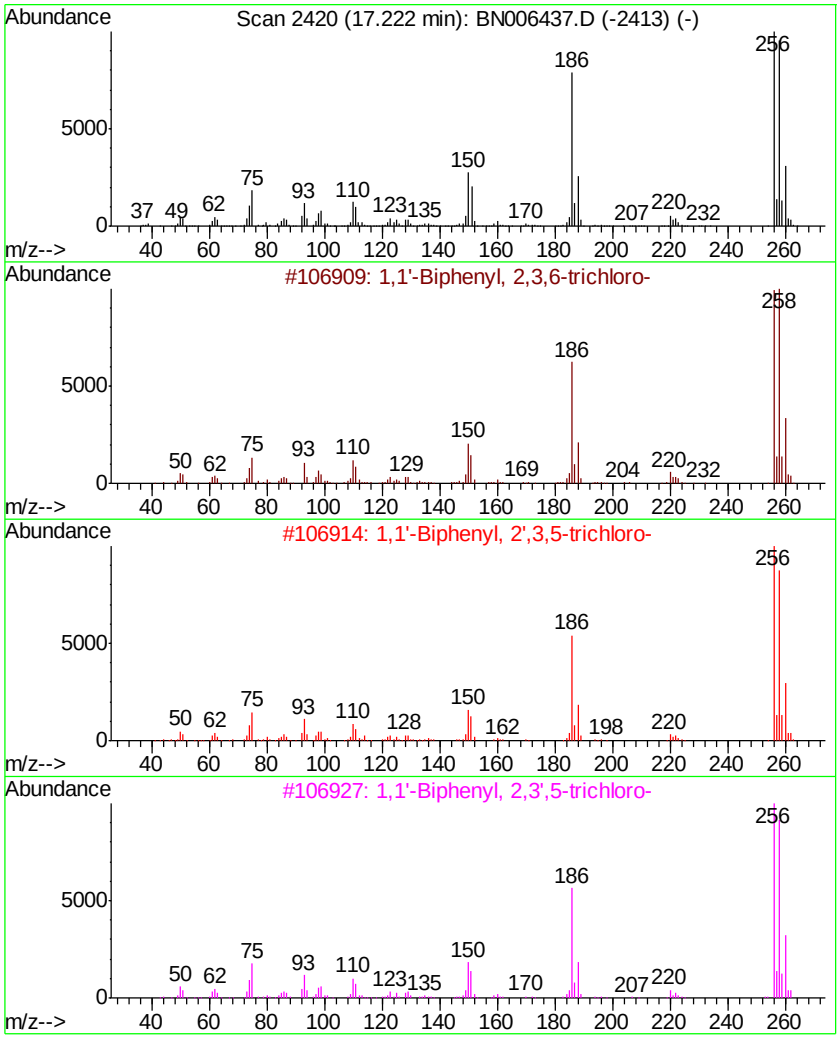
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

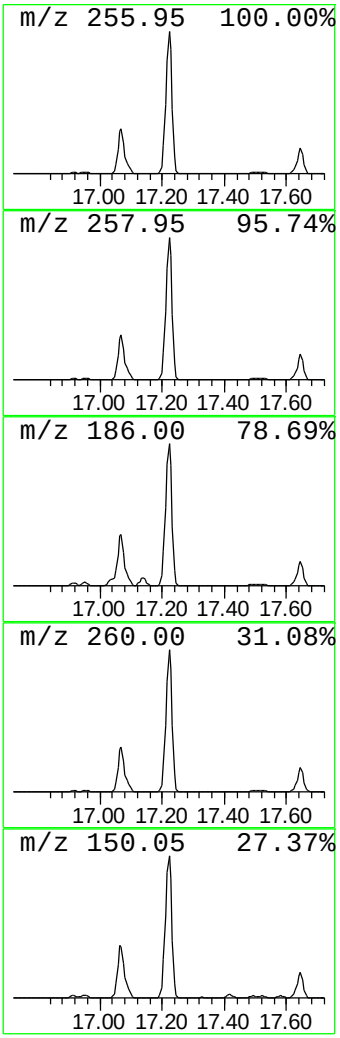
****

Peak Number 3 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	86.34 ng/ul	17719900	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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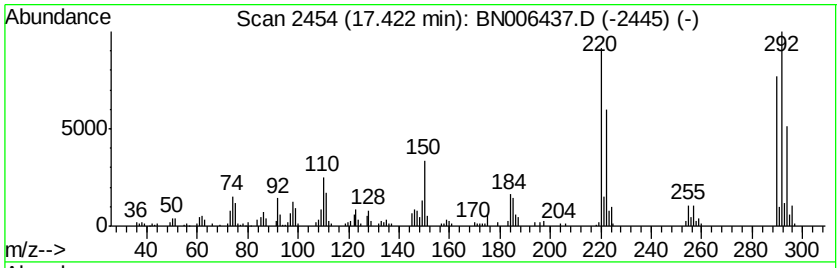
Quant Title : SVOA CALIBRATION

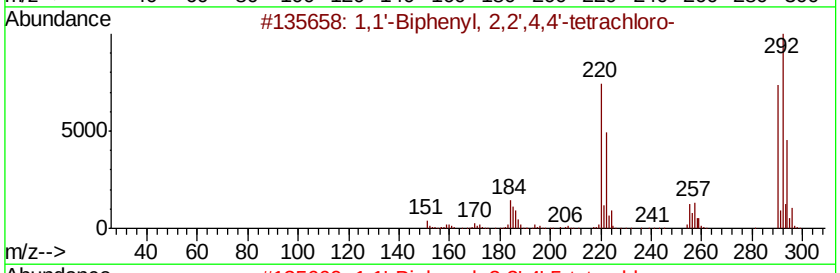
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

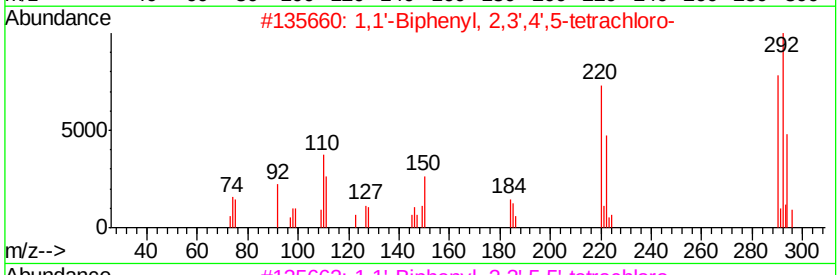
****
Peak Number 4 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 41

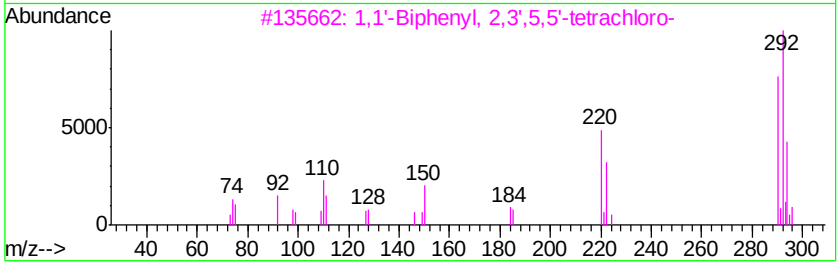
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.09 ng/ul	428930	Phenanthrene-d10	17.03

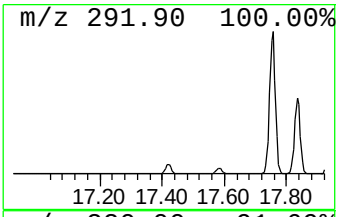
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99

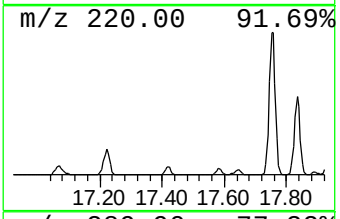


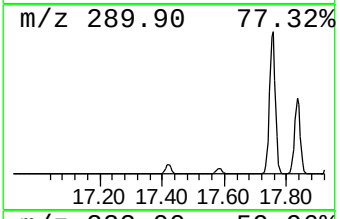


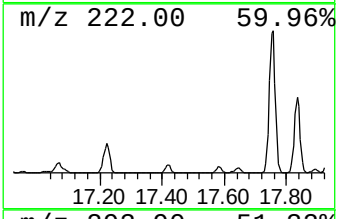


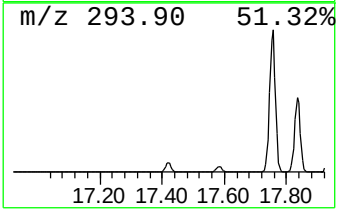












Library Search Compound Report

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Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

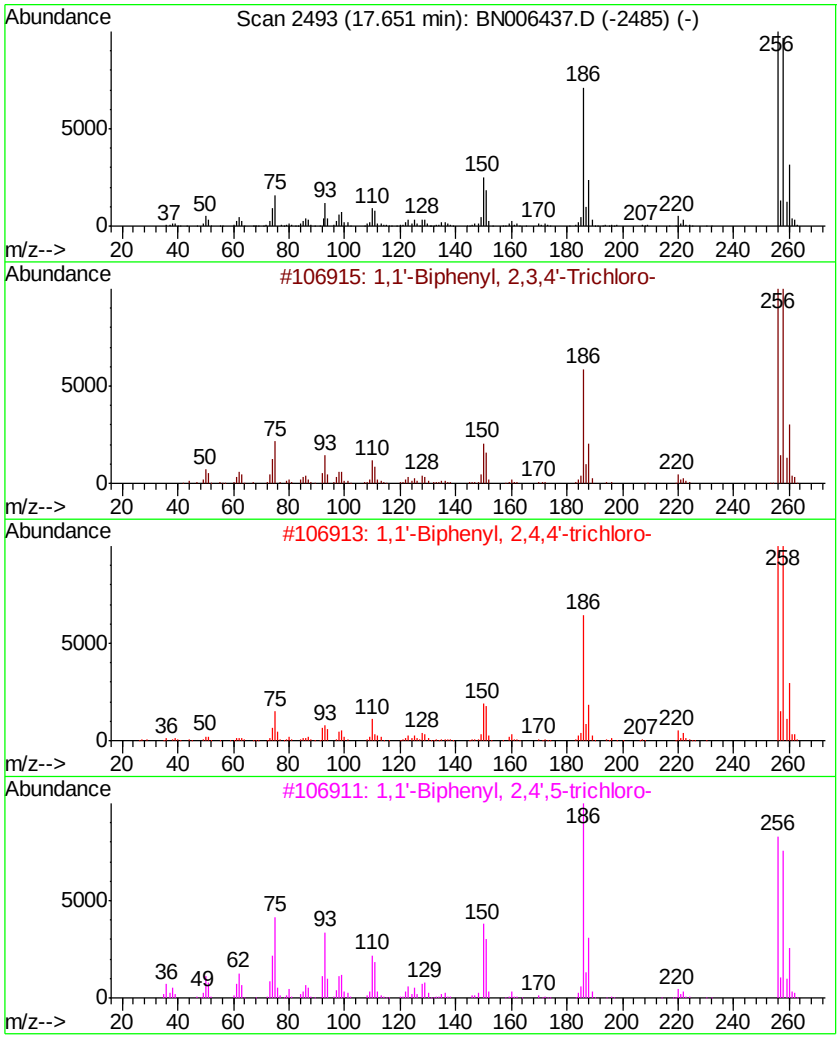
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

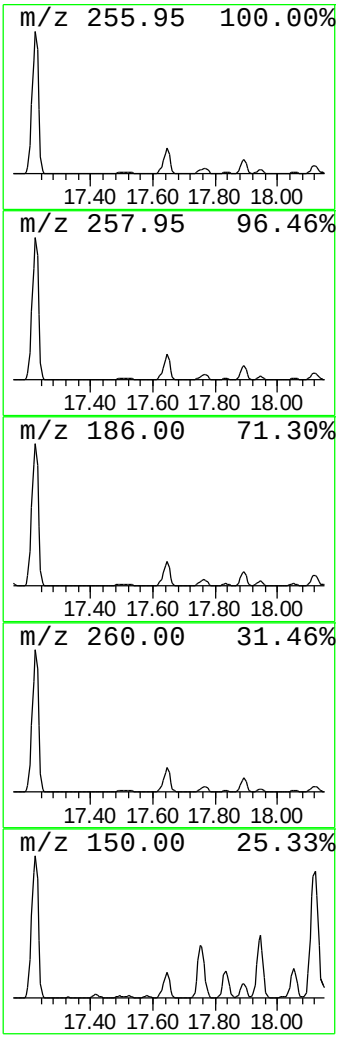
****

Peak Number 5 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	15.24 ng/ul	3127610	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





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Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

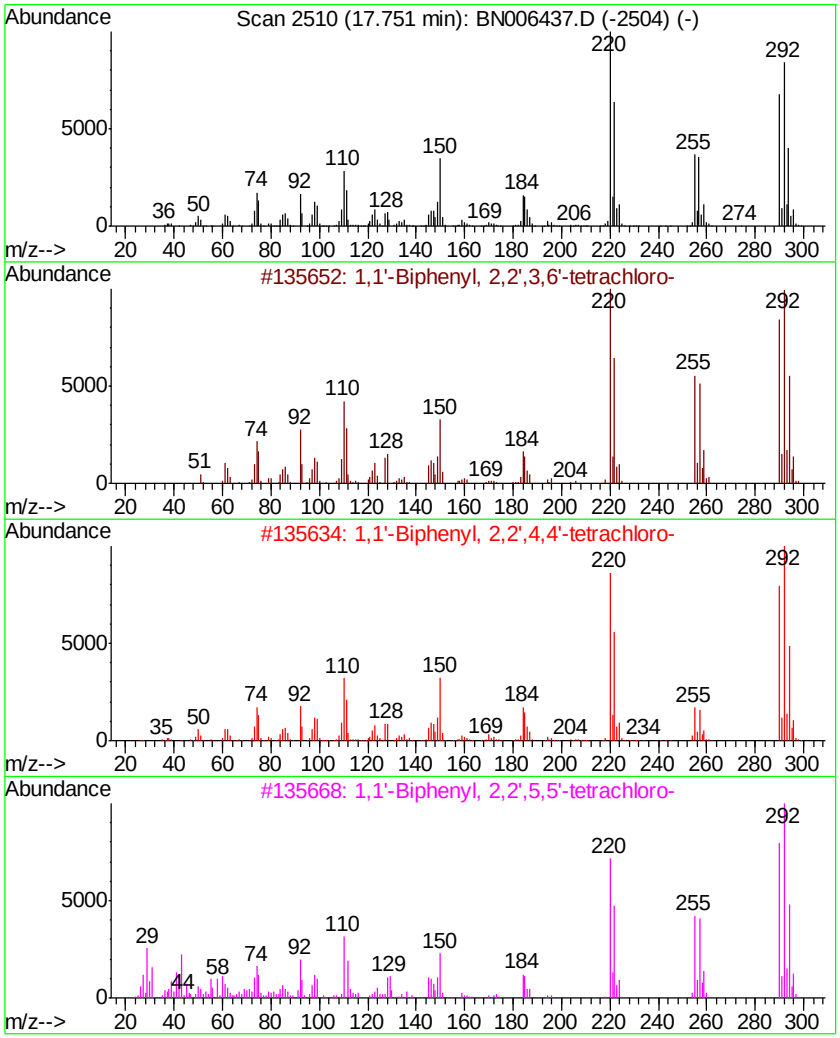
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

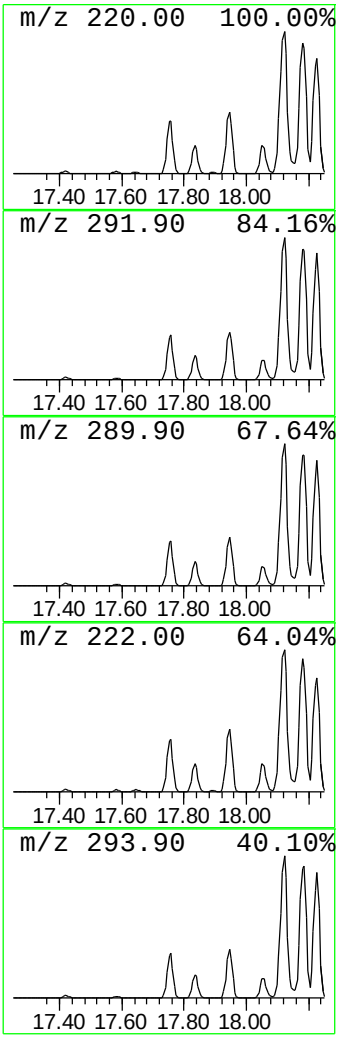
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',3,6'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	38.04 ng/ul	7807190	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99





Library Search Compound Report

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Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

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Quant Title : SVOA CALIBRATION

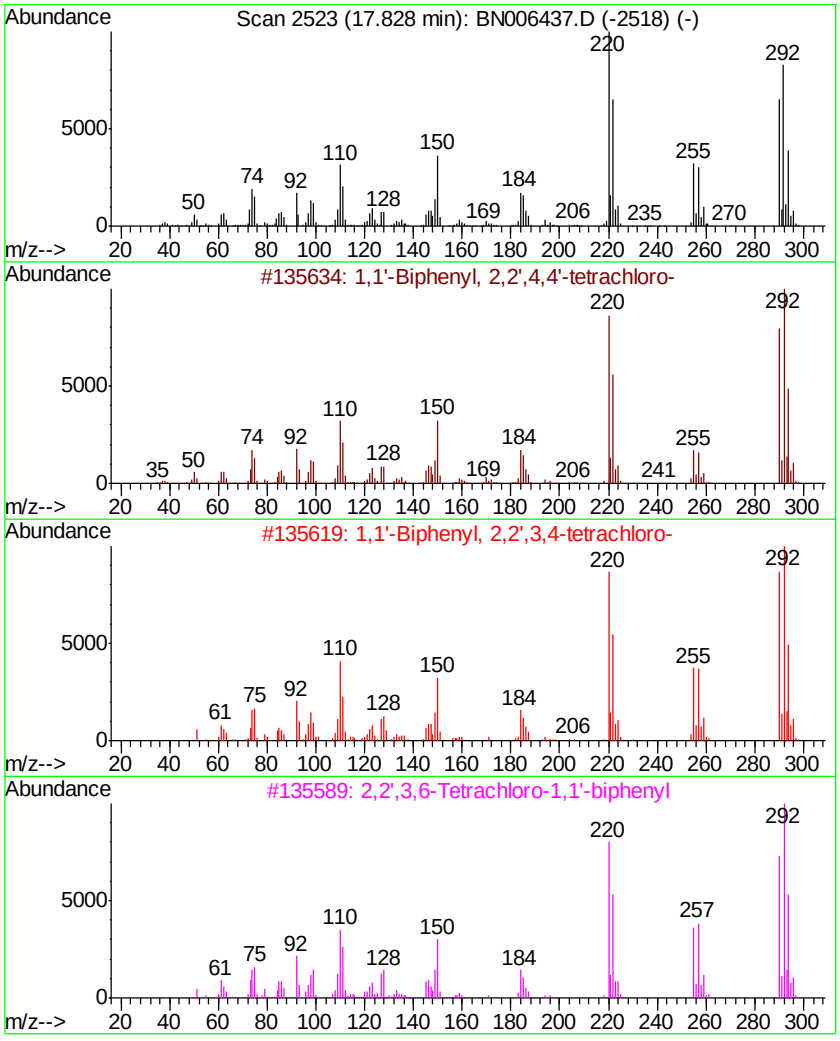
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

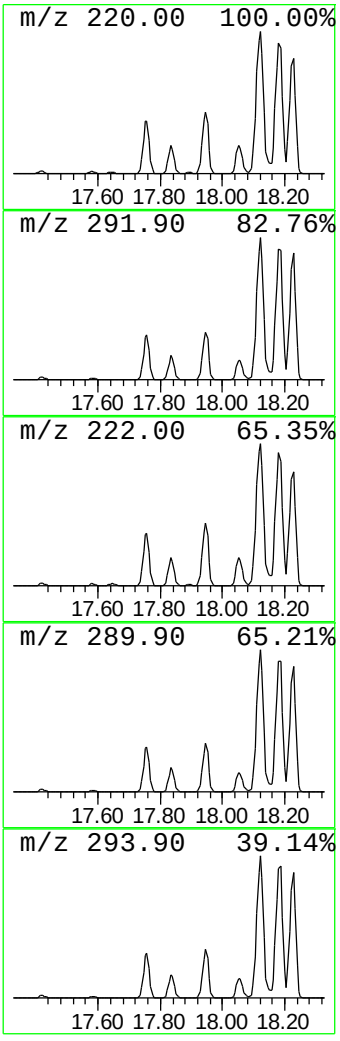
****

Peak Number 7 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	18.33 ng/ul	3762550	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

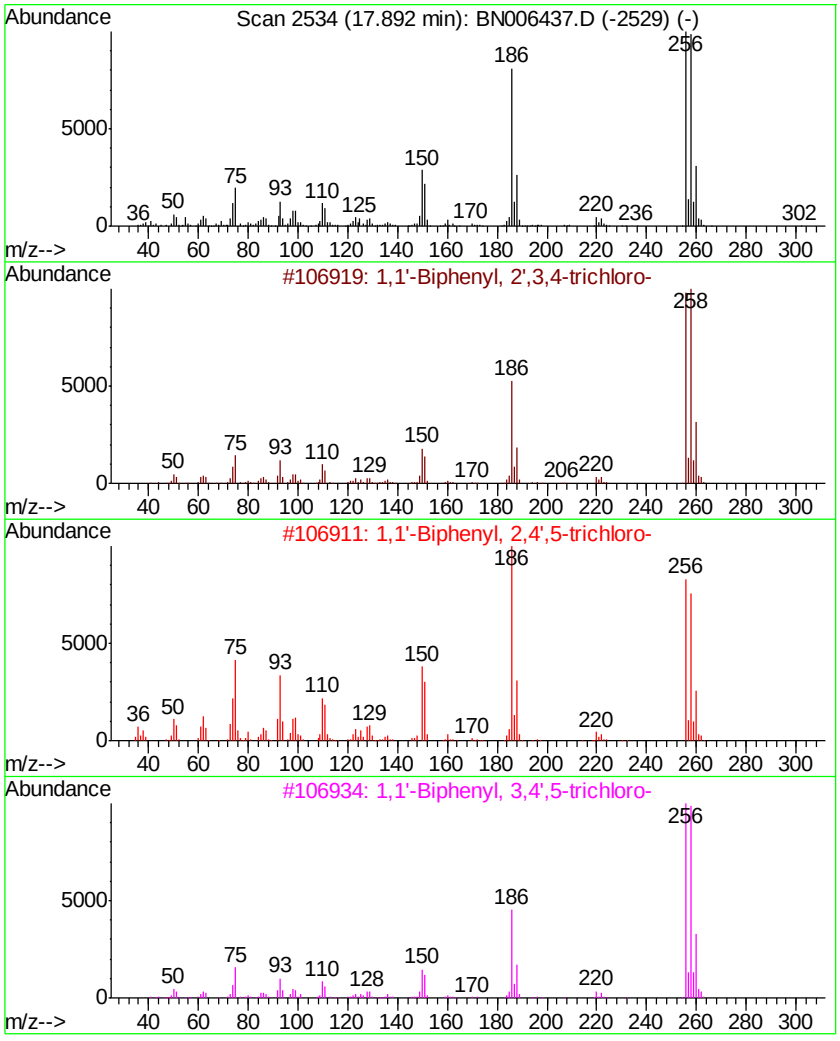
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

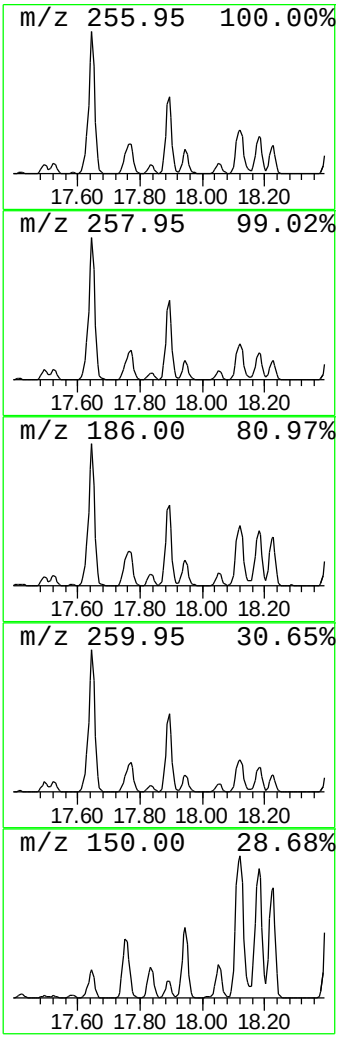
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	8.78 ng/ul	1802510	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99





Library Search Compound Report

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Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

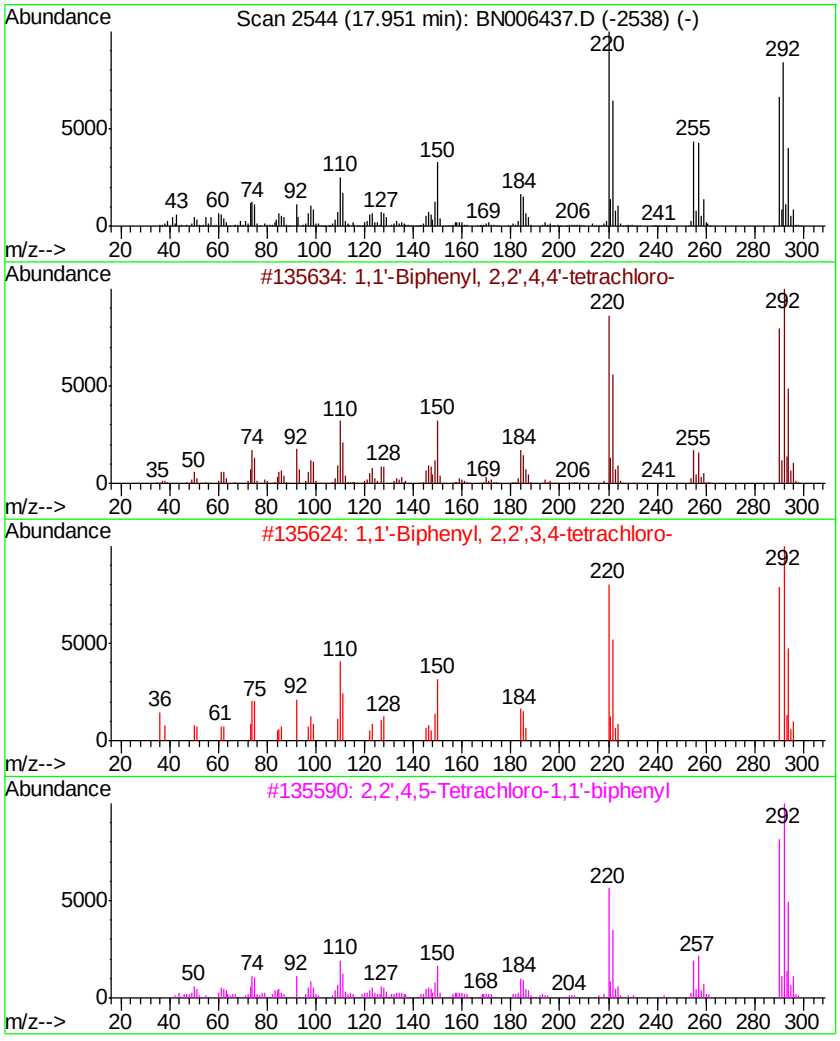
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

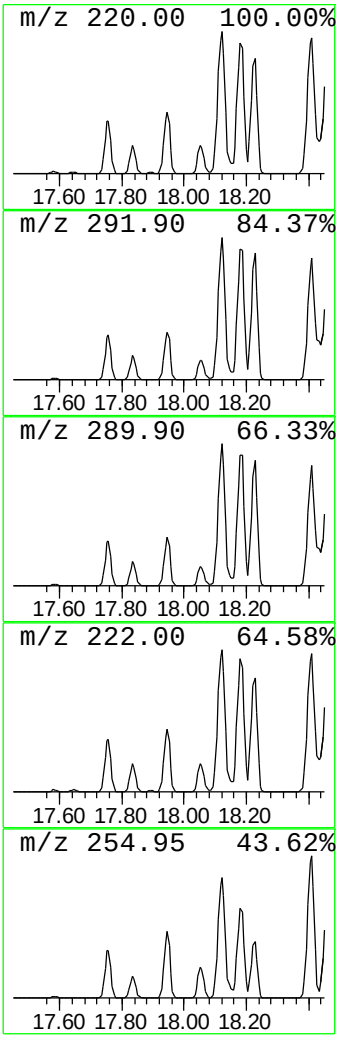
****

Peak Number 9 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	43.66 ng/ul	8961040	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99





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Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

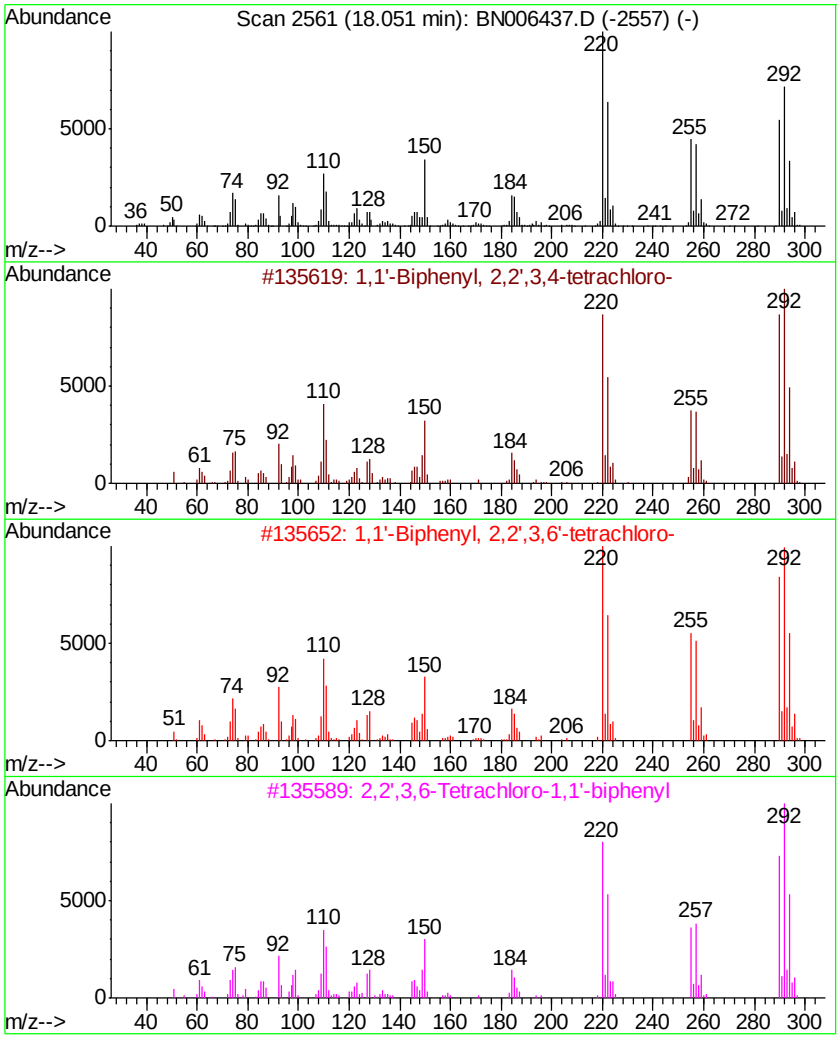
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

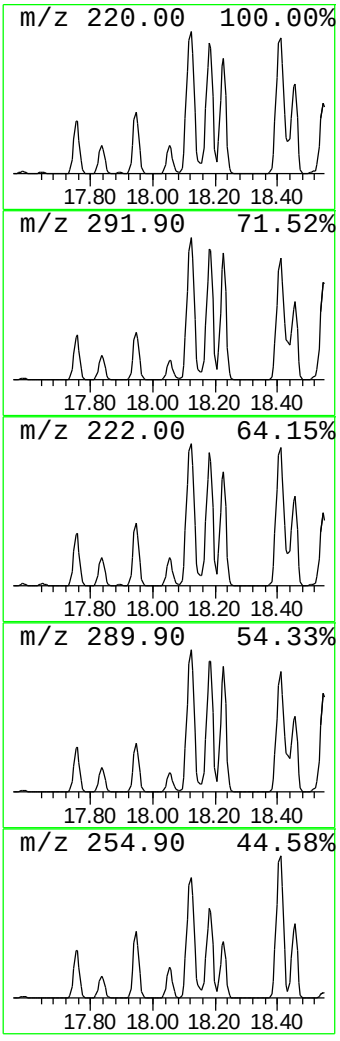
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	18.51 ng/ul	3798610	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





Library Search Compound Report

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Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

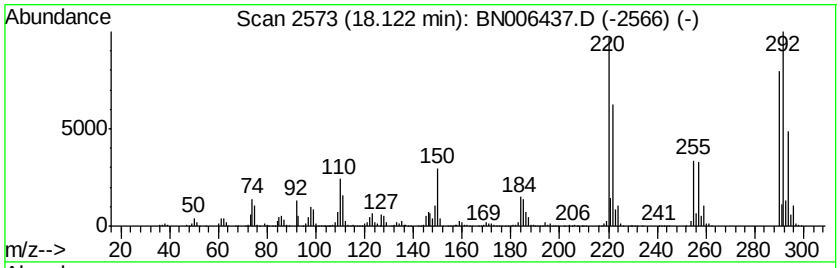
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

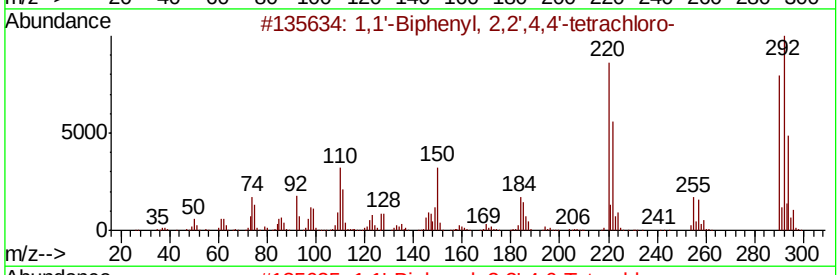
****

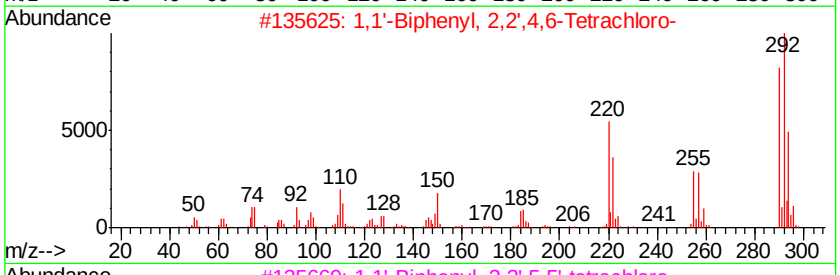
Peak Number 11 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 1

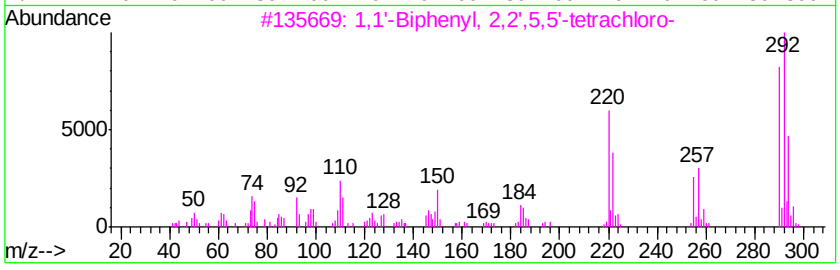
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	116.39 ng/ul	23887700	Phenanthrene-d10	17.03

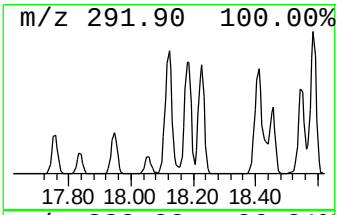
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99

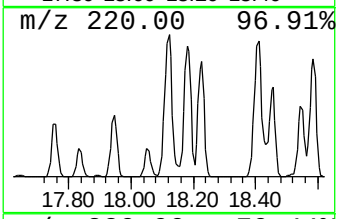


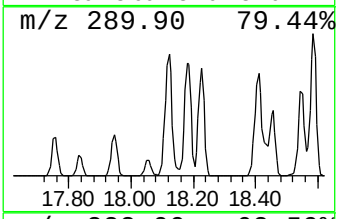


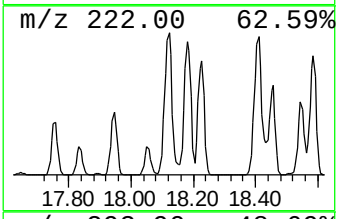


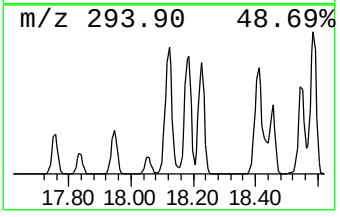












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

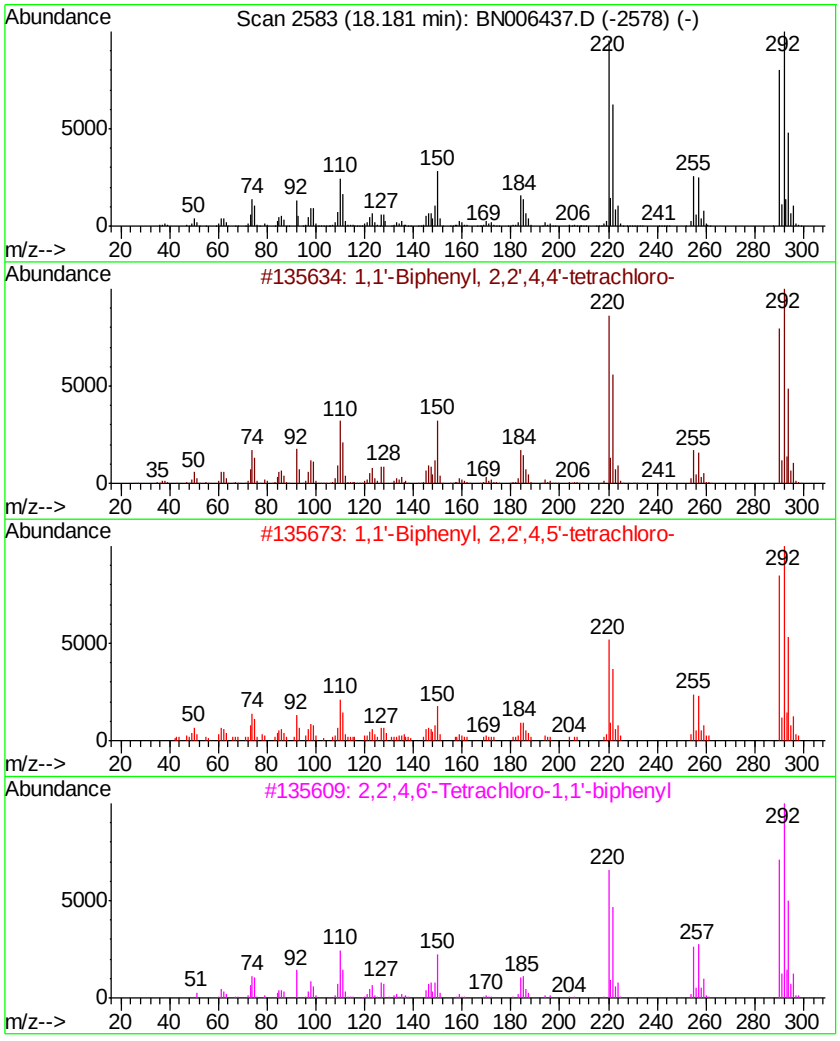
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

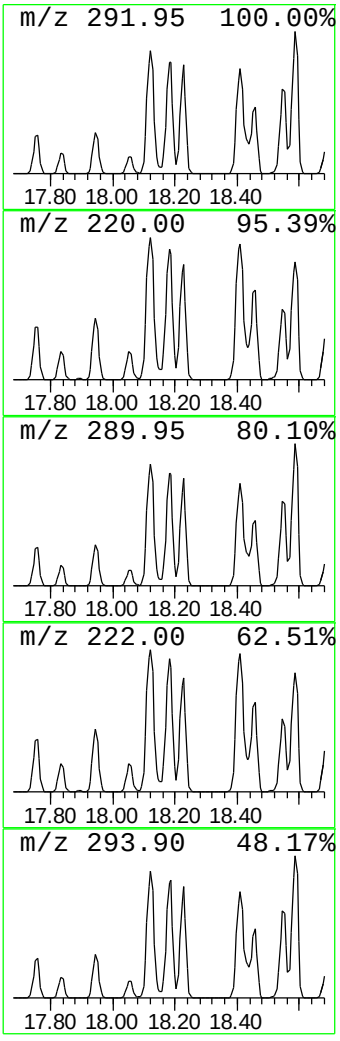
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	97.27 ng/ul	19964000	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





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Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

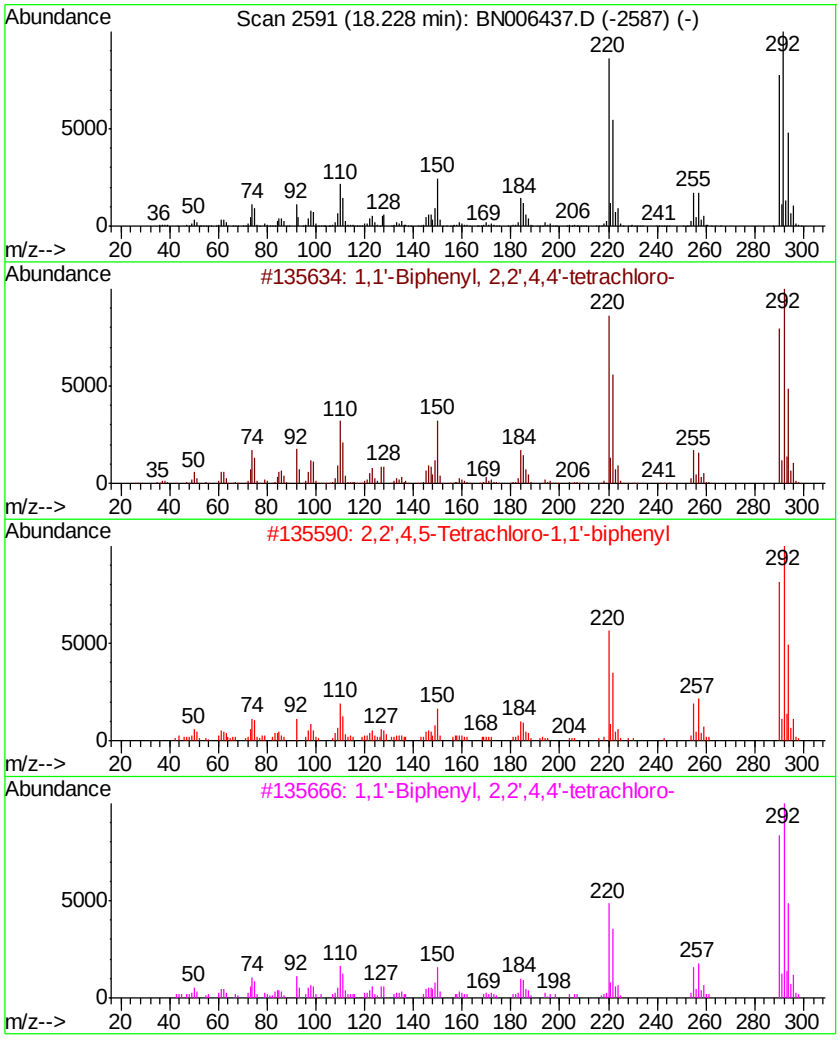
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

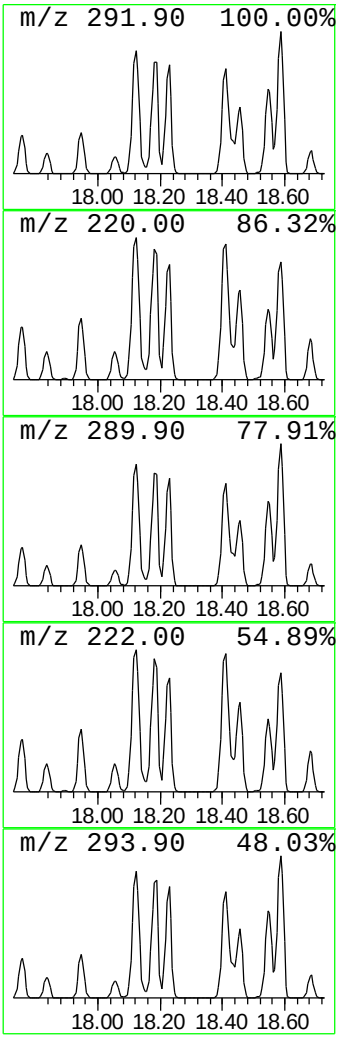
****

Peak Number 13 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	74.42 ng/ul	15274900	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
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Instrument : BNA_N
ClientSampleId : A4234

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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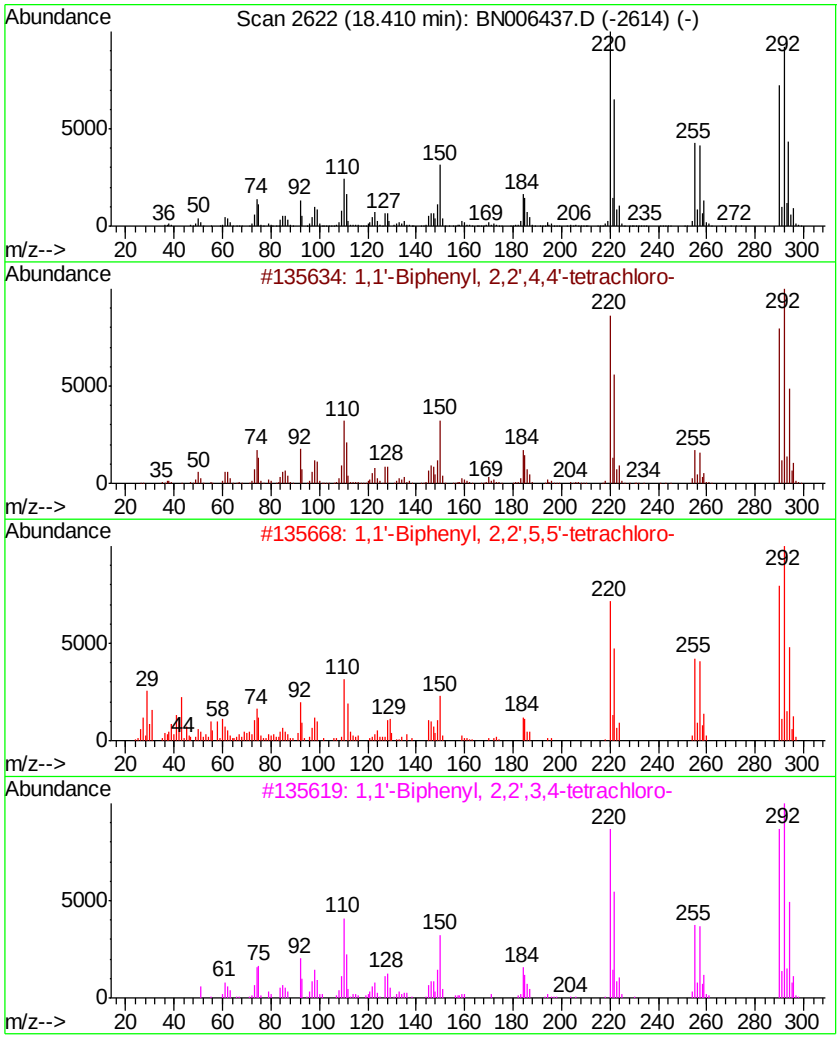
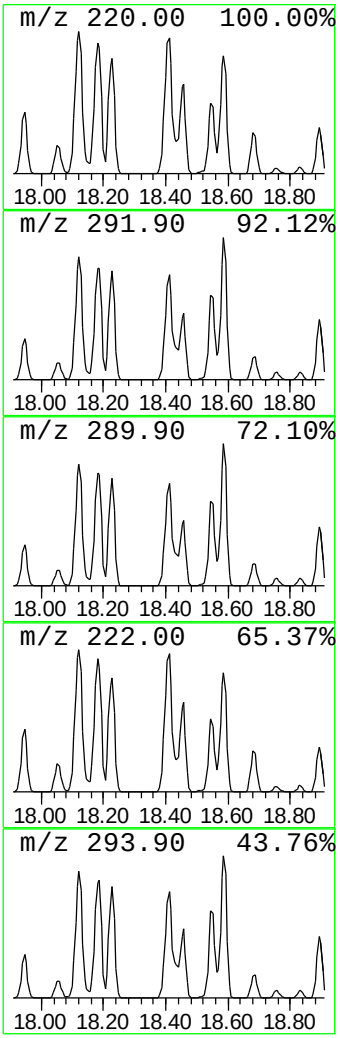
Peak Number 14 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	116.18 ng/ul	23845400	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Quant Title : SVOA CALIBRATION

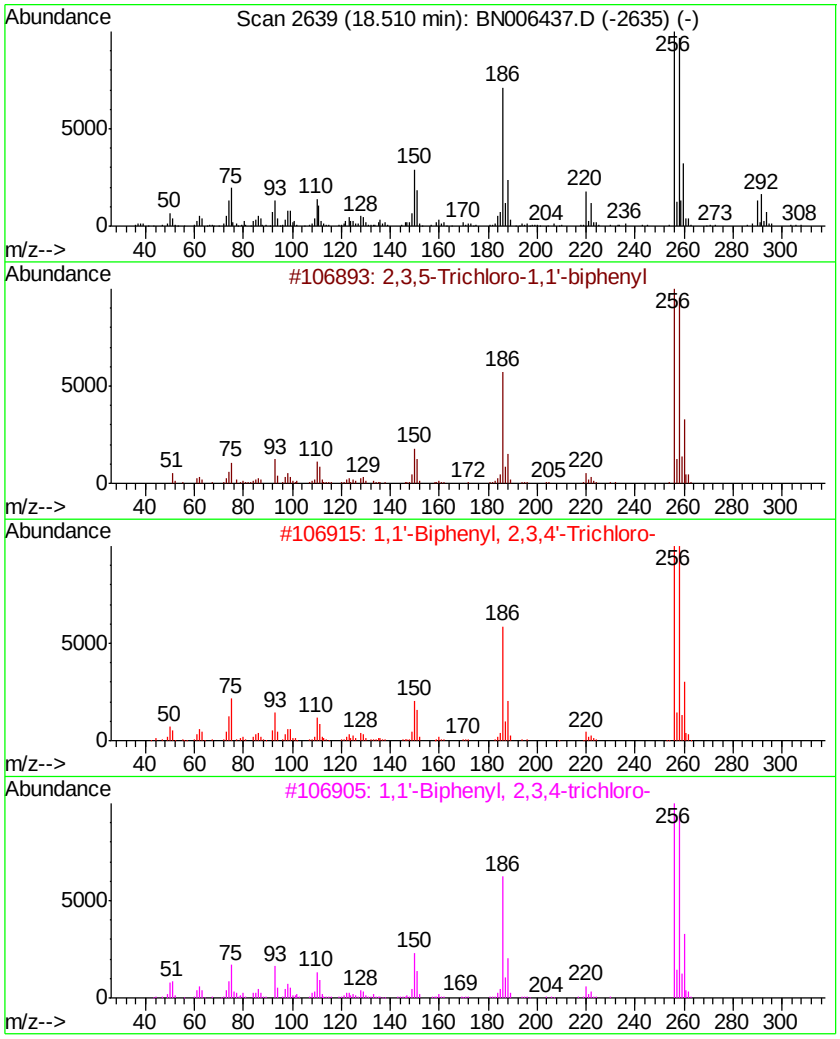
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

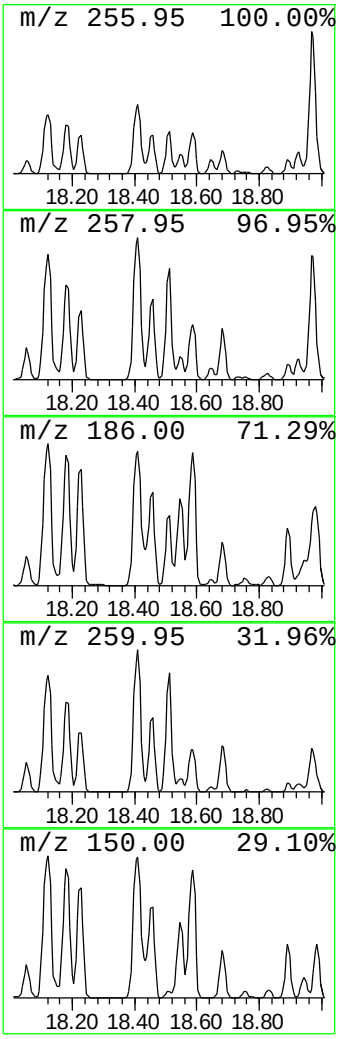
****

Peak Number 16 2,3,5-Trichloro-1,1'-biphenyl Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.93 ng/ul	806179	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	99
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	99





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Misc :
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Instrument : BNA_N
ClientSampleId : A4234

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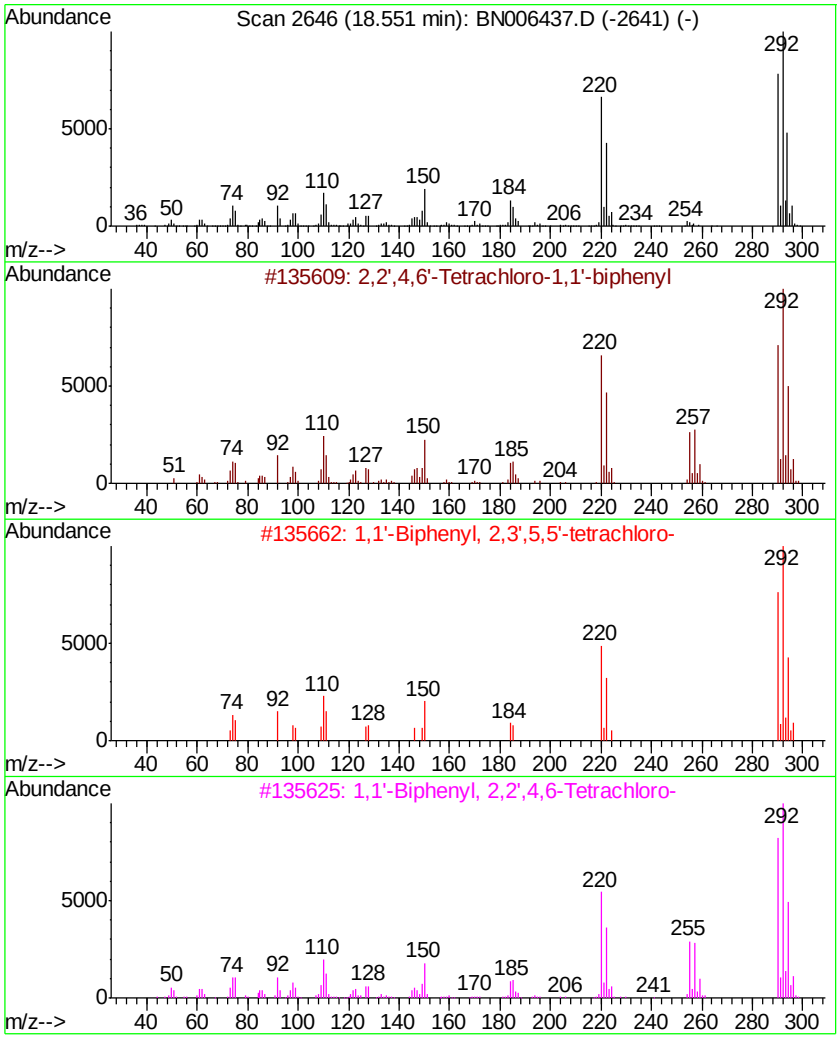
Quant Title : SVOA CALIBRATION

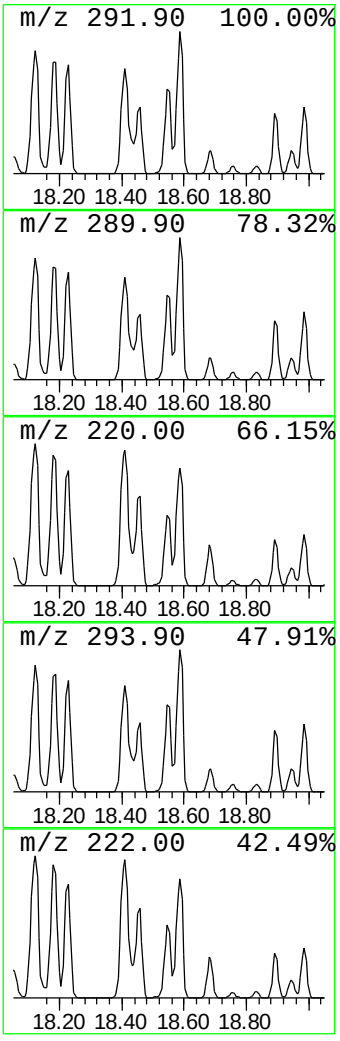
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	52.39 ng/ul	10752900	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

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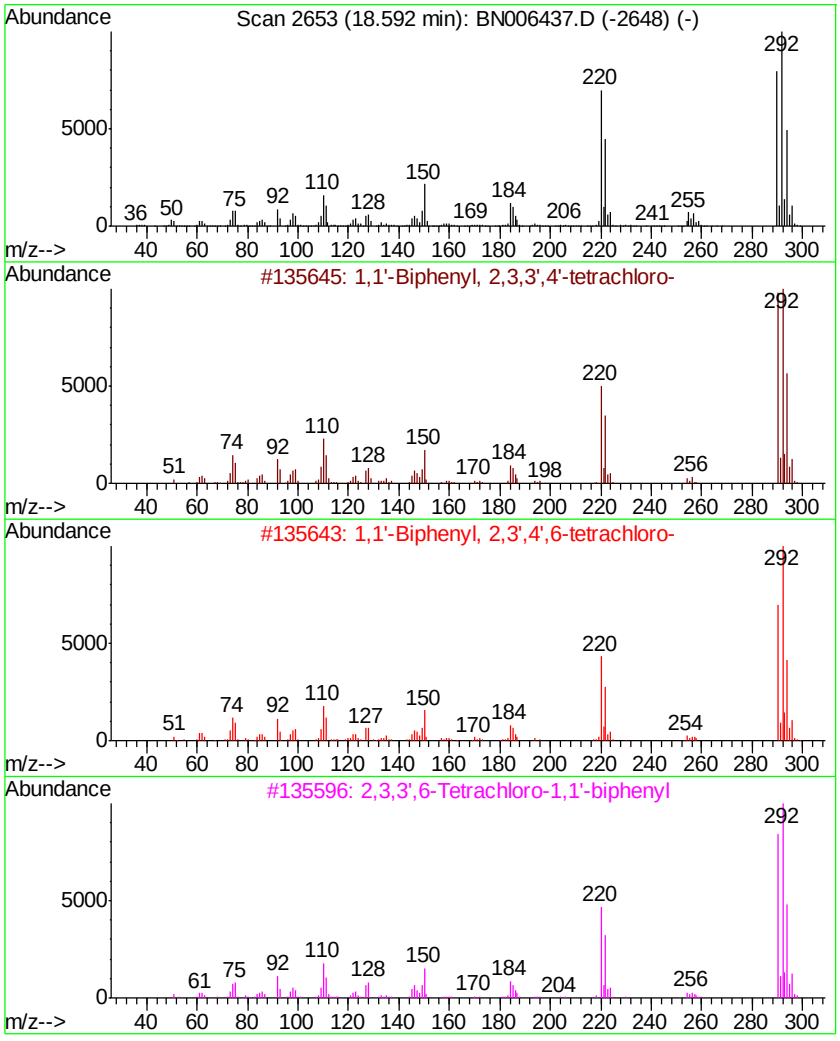
Quant Title : SVOA CALIBRATION

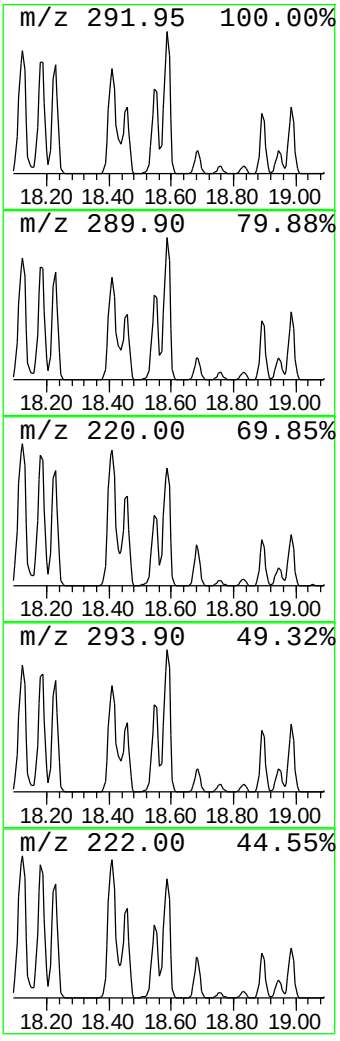
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	88.23 ng/ul	18108800	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99





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ClientSampleId : A4234

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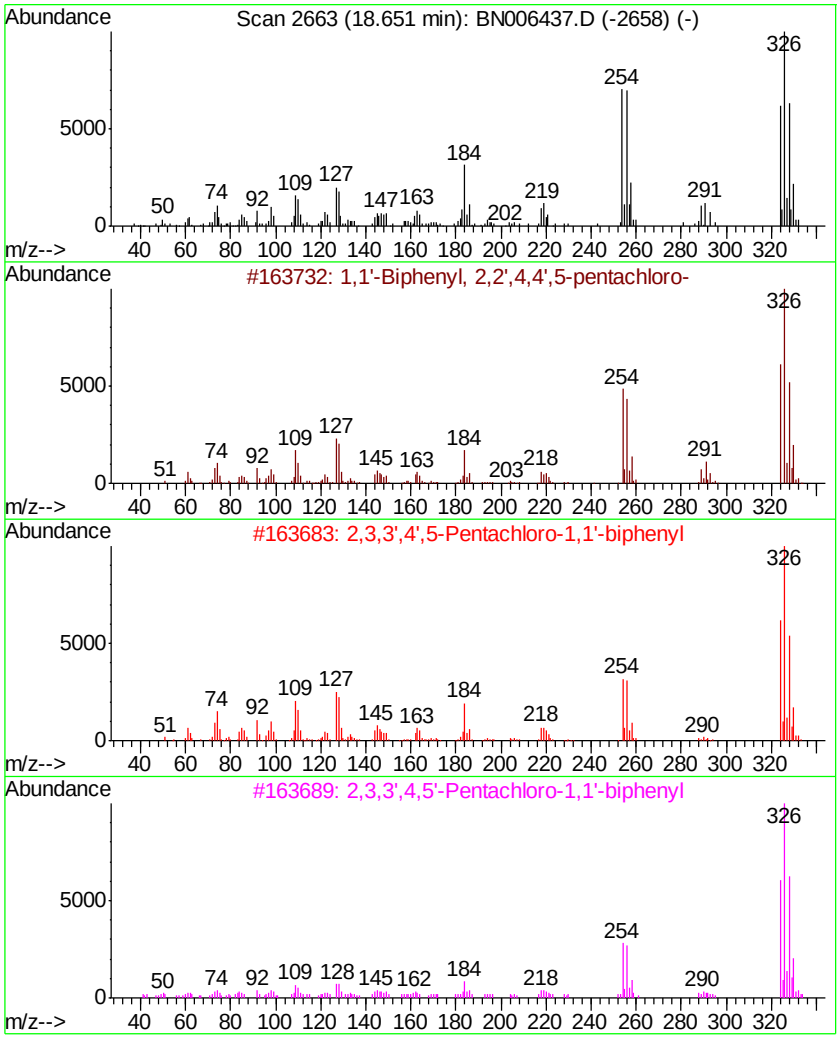
Quant Title : SVOA CALIBRATION

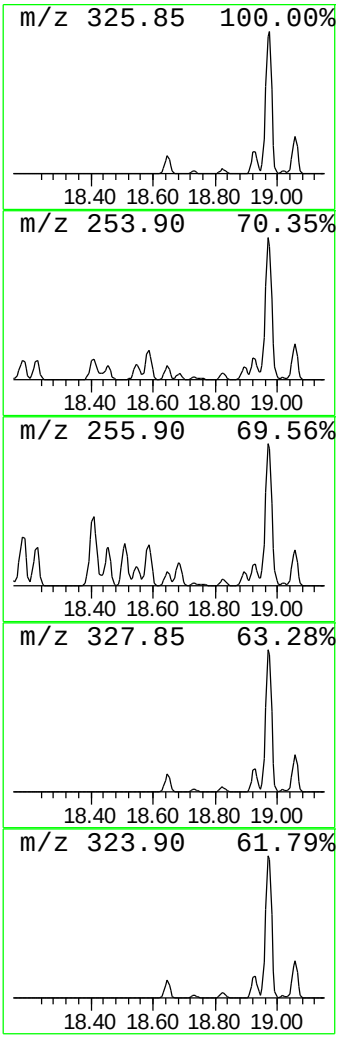
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	2.03 ng/ul	417242	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
2	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	98
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97
4	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	97
5	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	96





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

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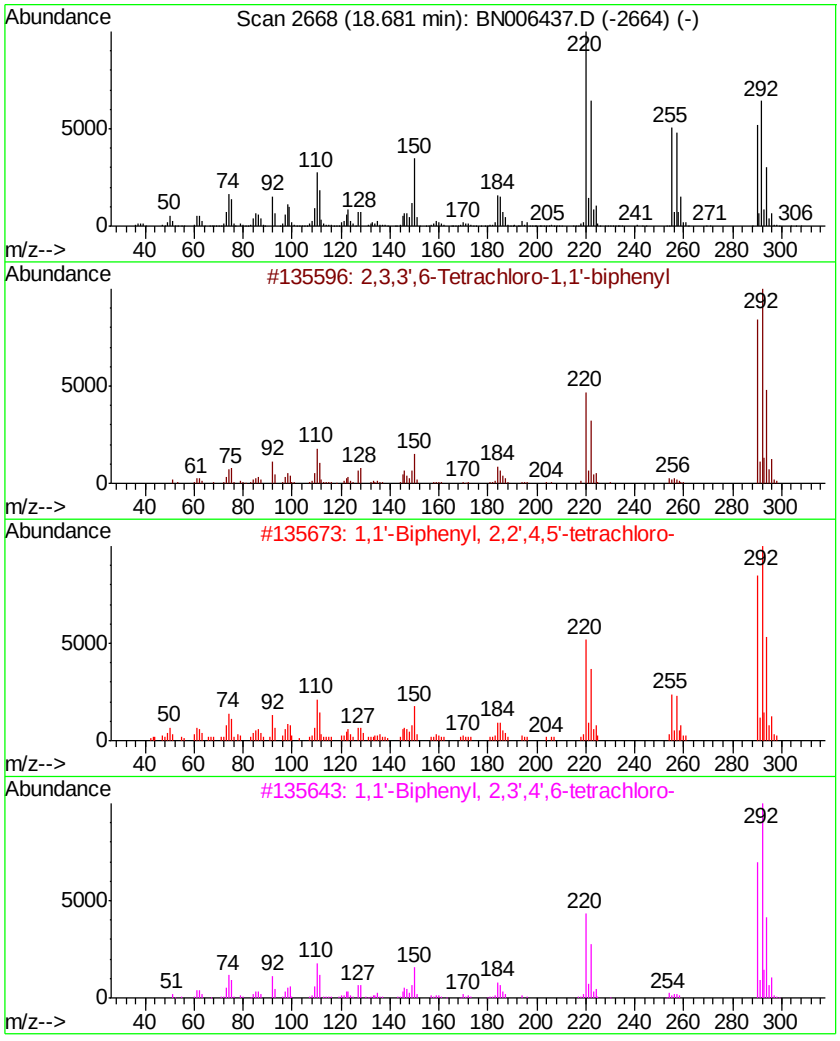
Quant Title : SVOA CALIBRATION

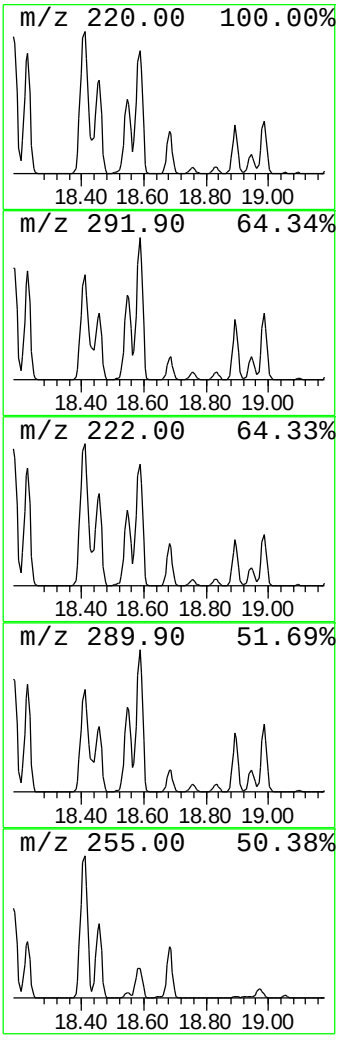
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	25.82 ng/ul	5299110	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





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Misc :
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Instrument : BNA_N
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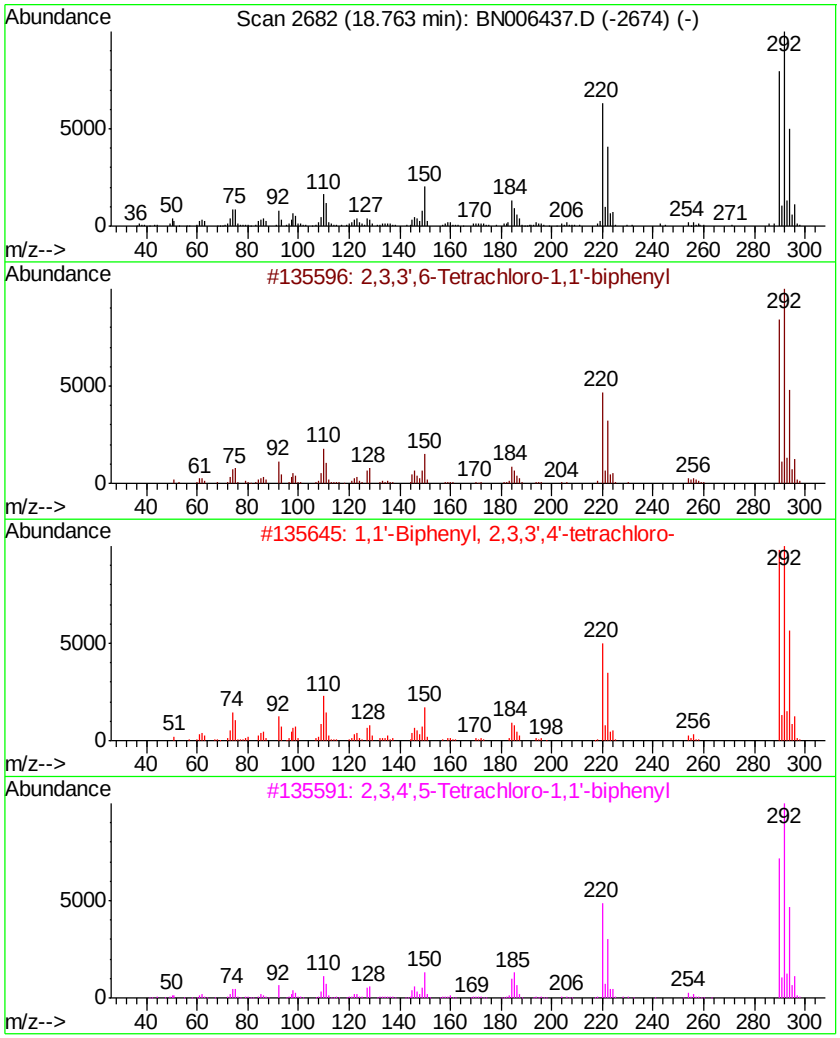
Quant Title : SVOA CALIBRATION

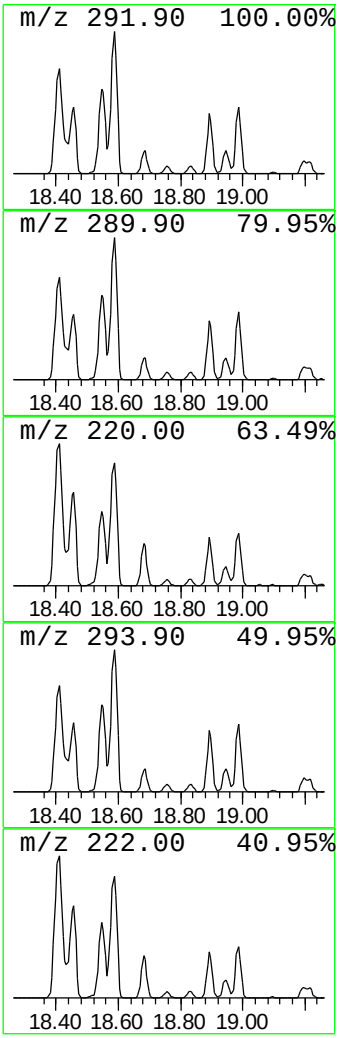
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	4.72 ng/ul	969010	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99





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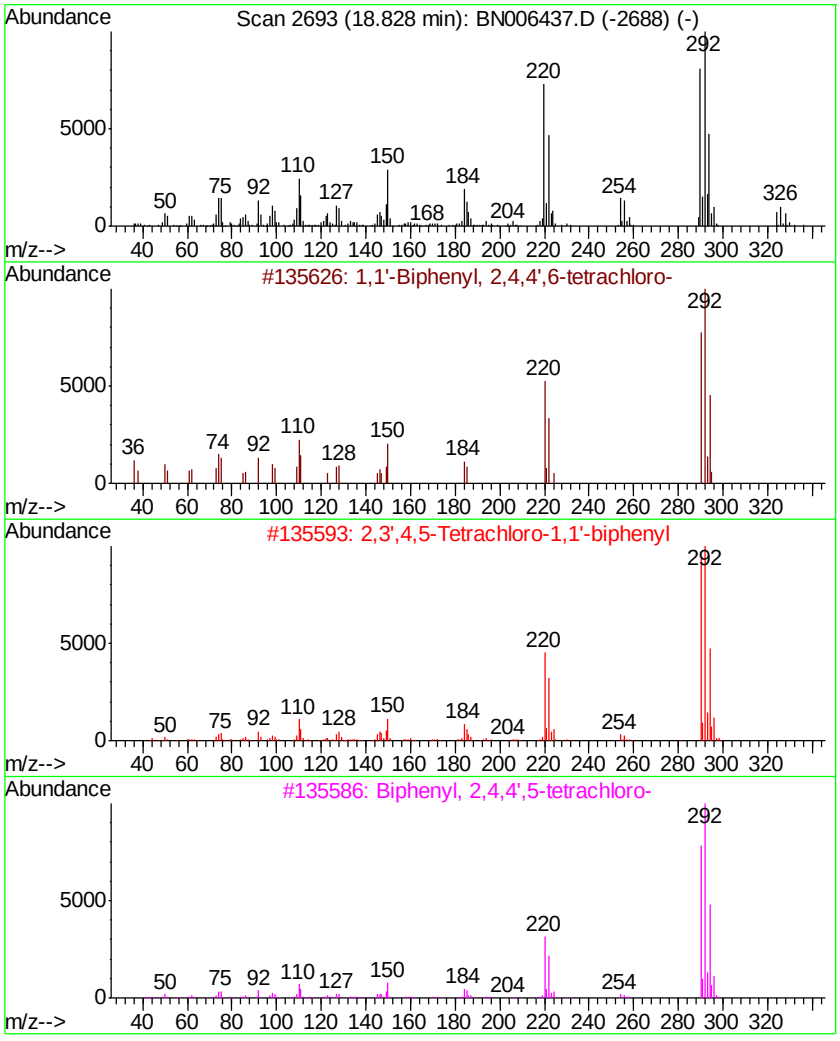
Quant Title : SVOA CALIBRATION

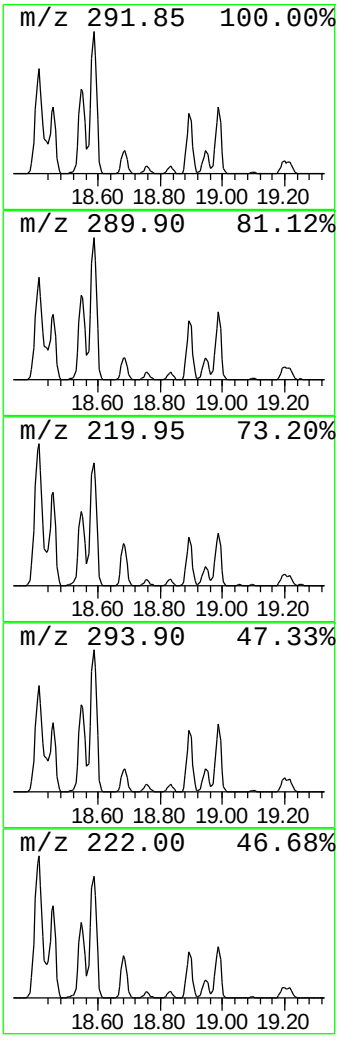
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	5.35 ng/ul	1098030	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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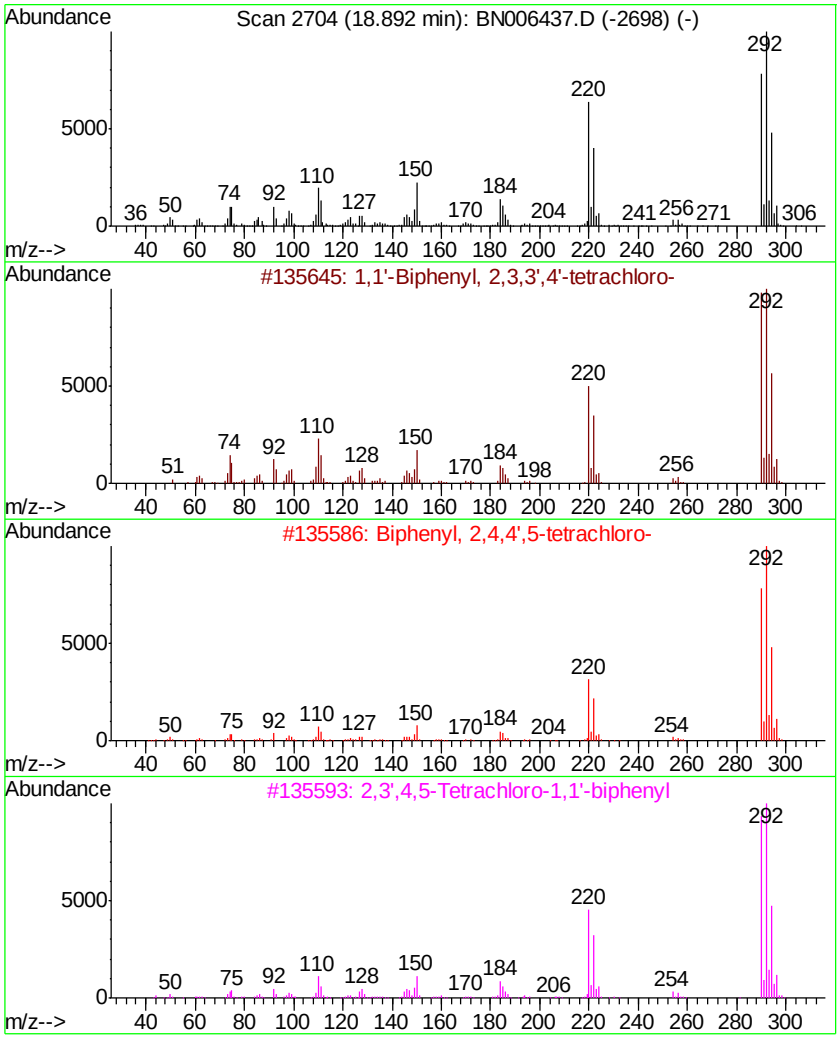
Quant Title : SVOA CALIBRATION

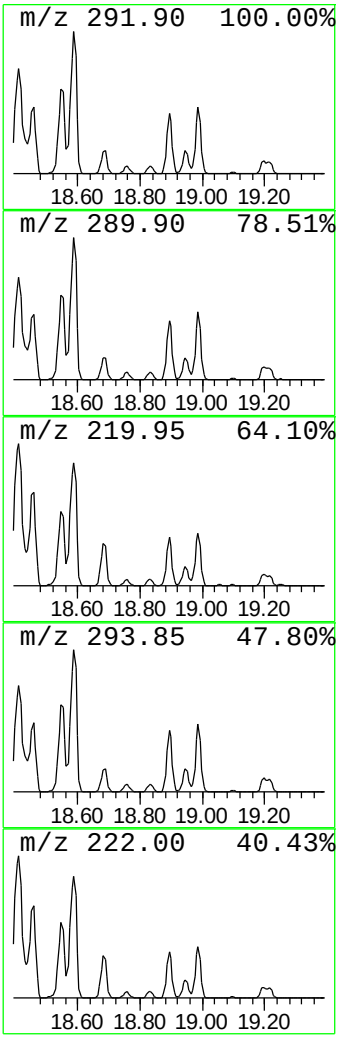
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	33.95 ng/ul	6967190	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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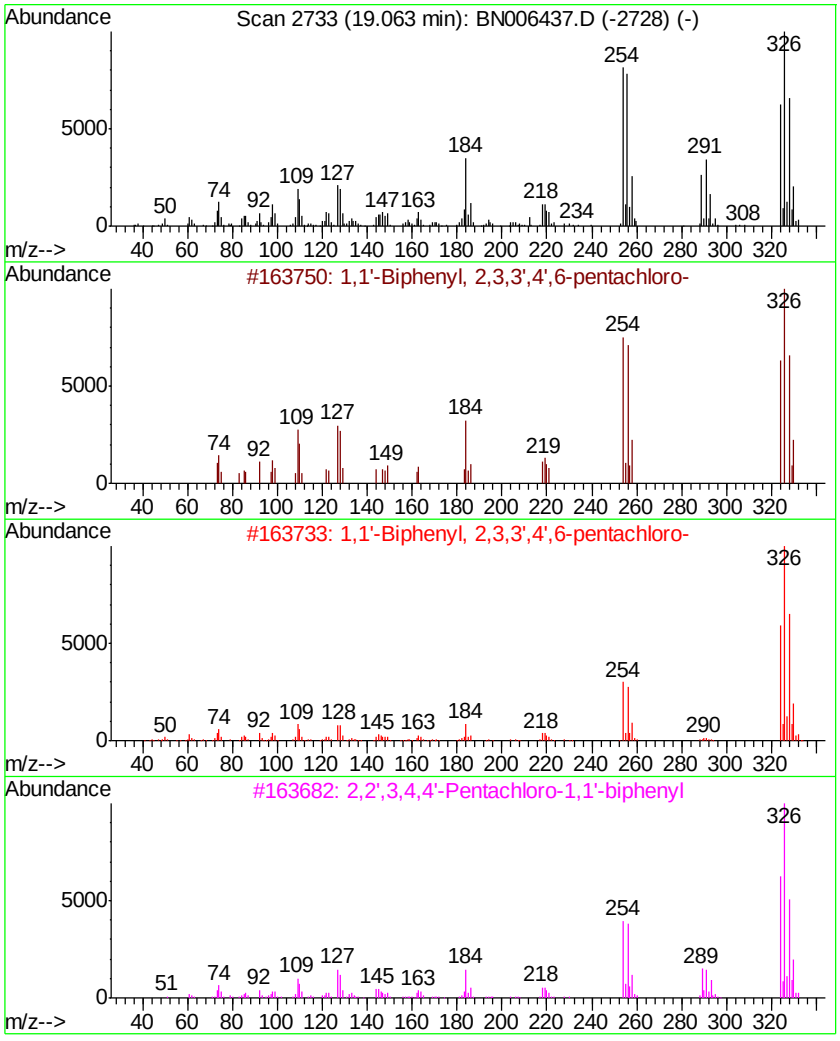
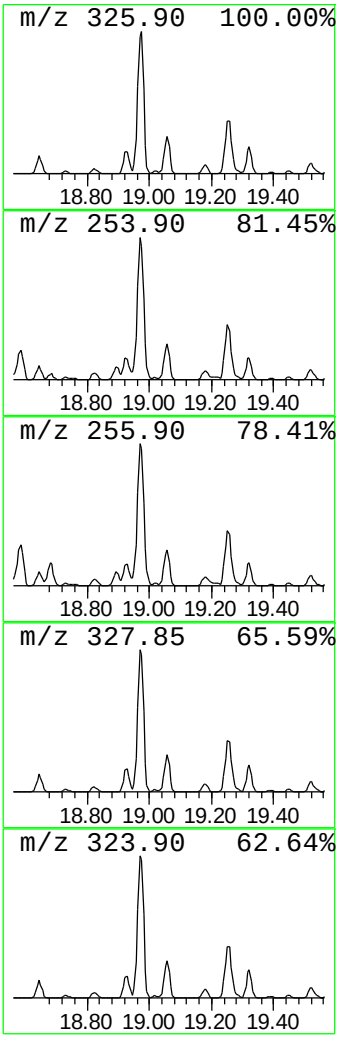
Peak Number 26 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.93 ng/ul	1011280	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
4	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





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Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

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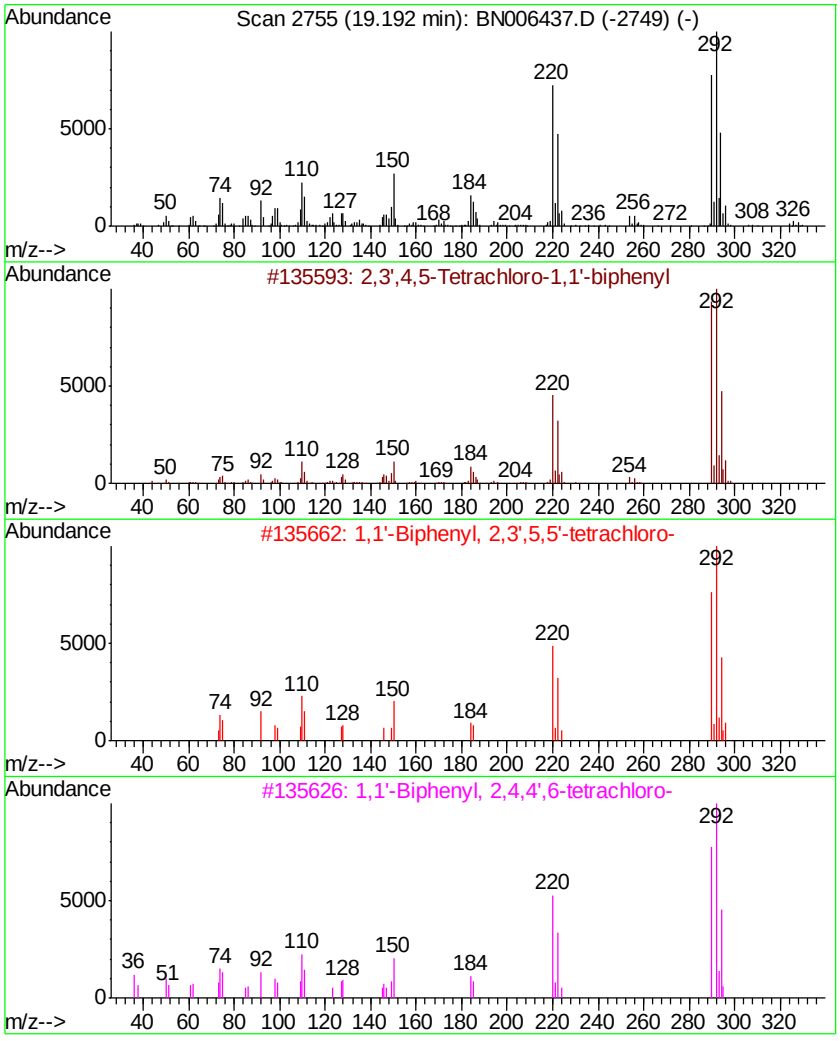
Quant Title : SVOA CALIBRATION

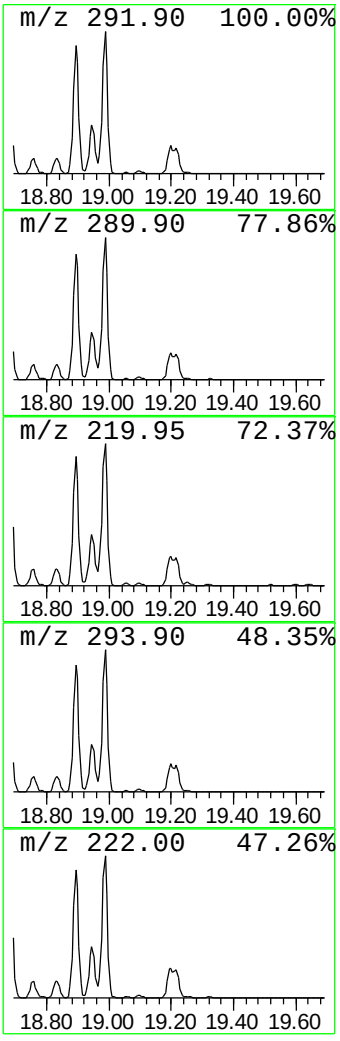
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	8.07 ng/ul	1809980	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





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Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

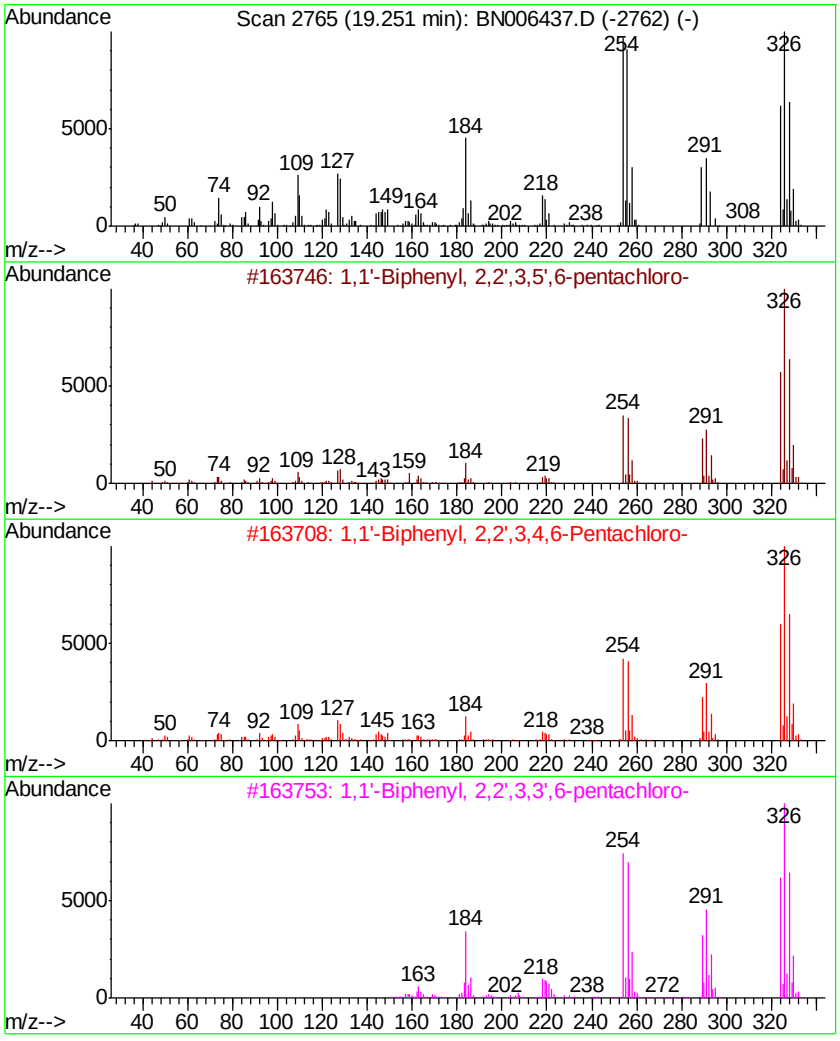
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

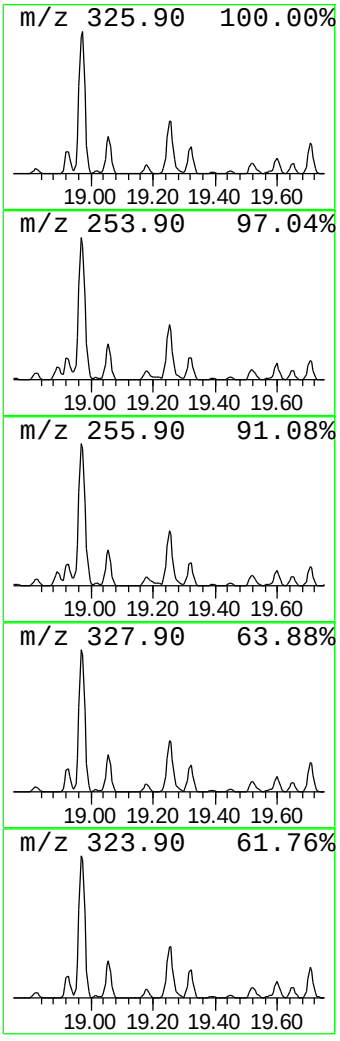
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	9.19 ng/ul	2060710	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96





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Instrument : BNA_N
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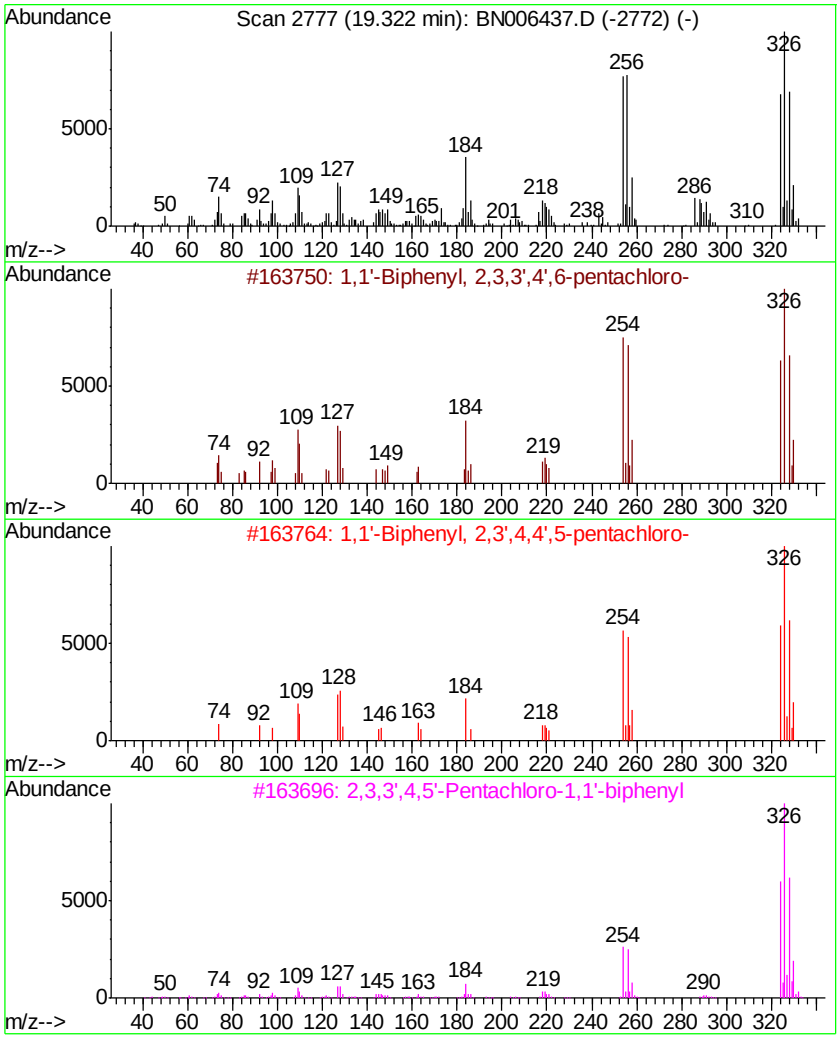
Quant Title : SVOA CALIBRATION

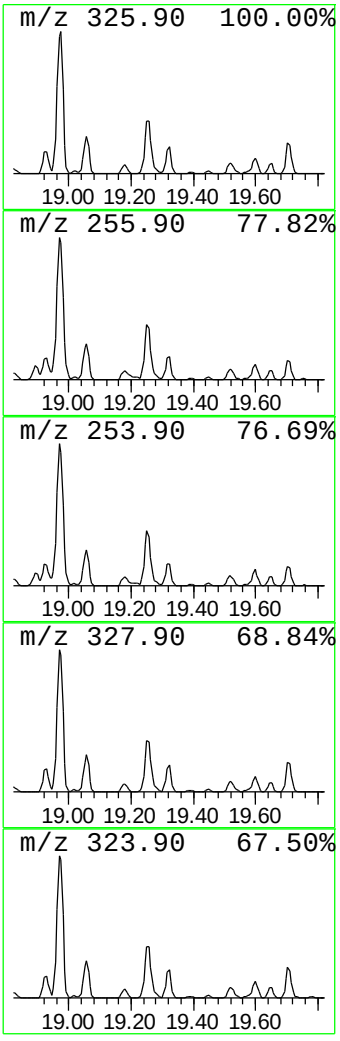
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.85 ng/ul	862766	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

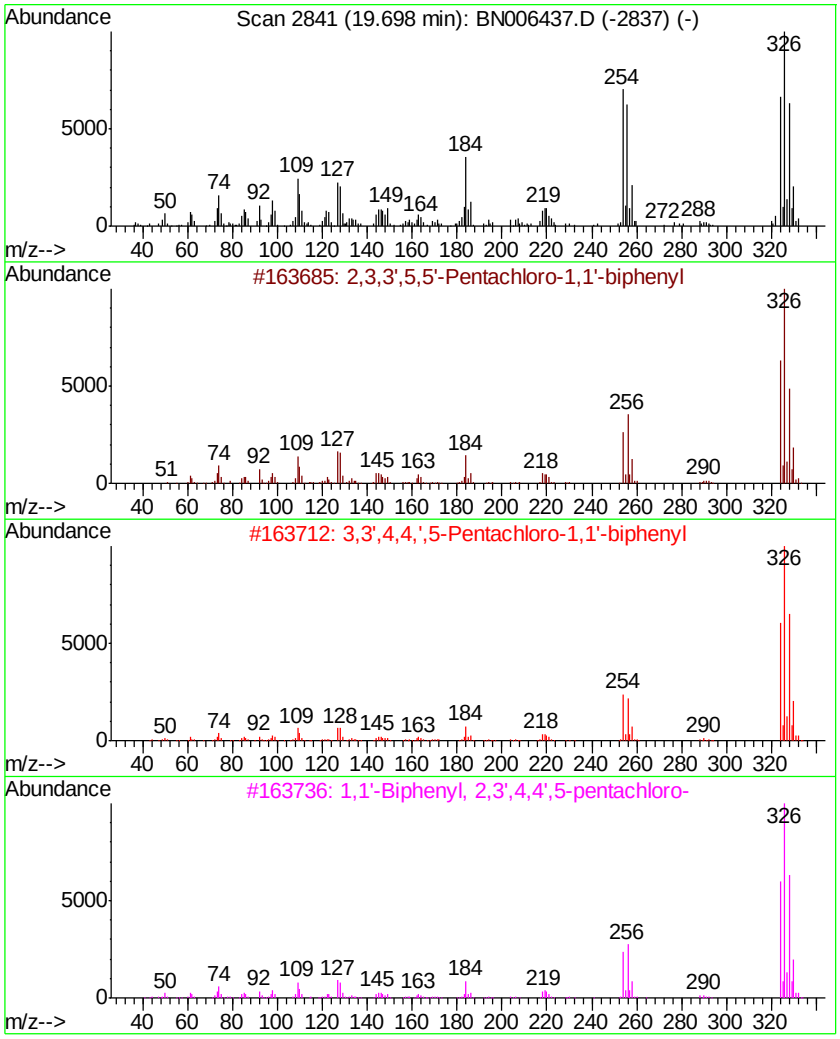
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

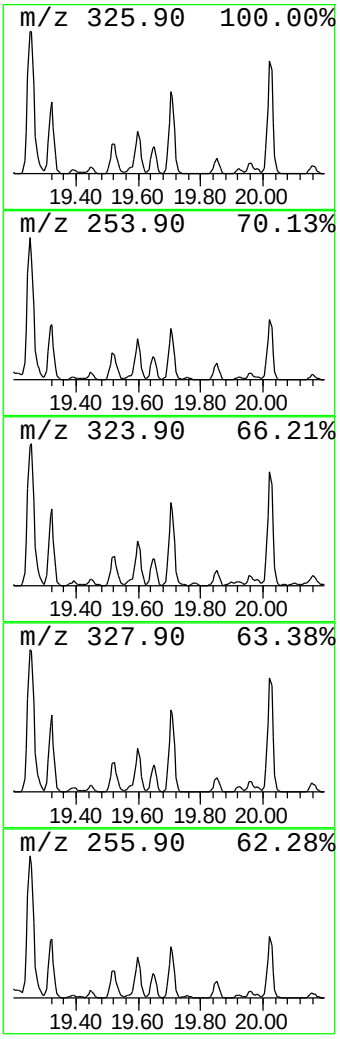
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2,3,3',5,5'-Pentachloro-1,1... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.01 ng/ul	676049	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99





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Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

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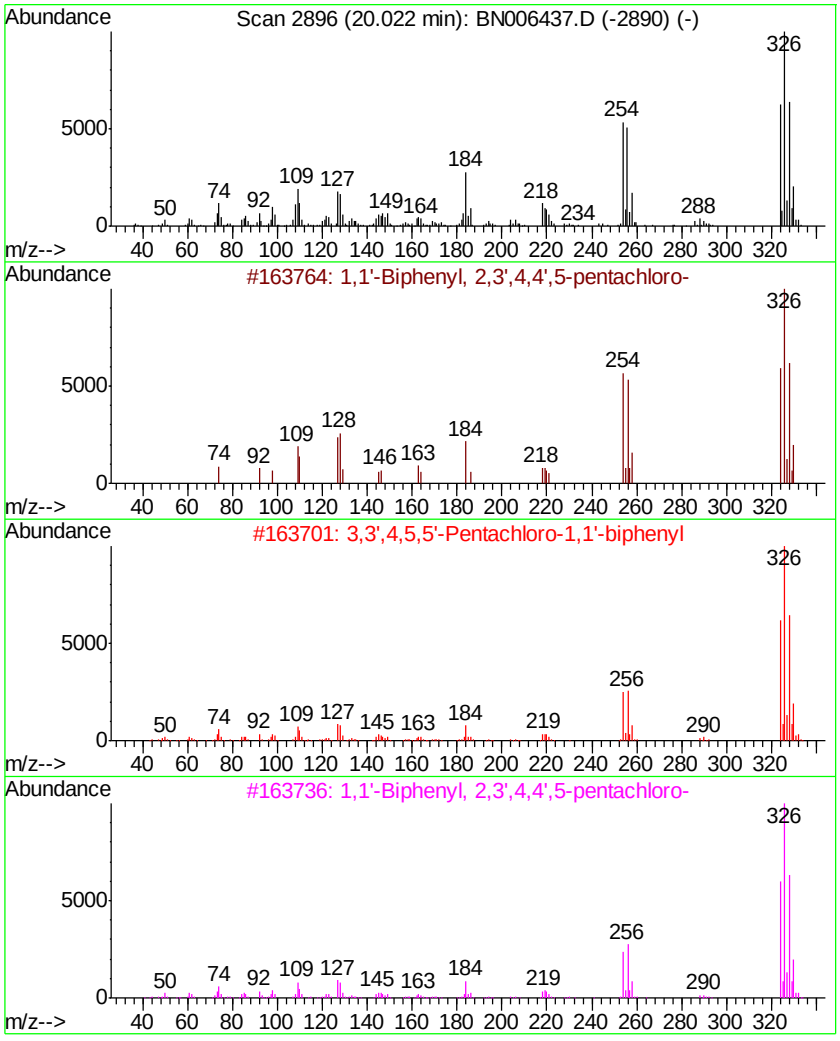
Quant Title : SVOA CALIBRATION

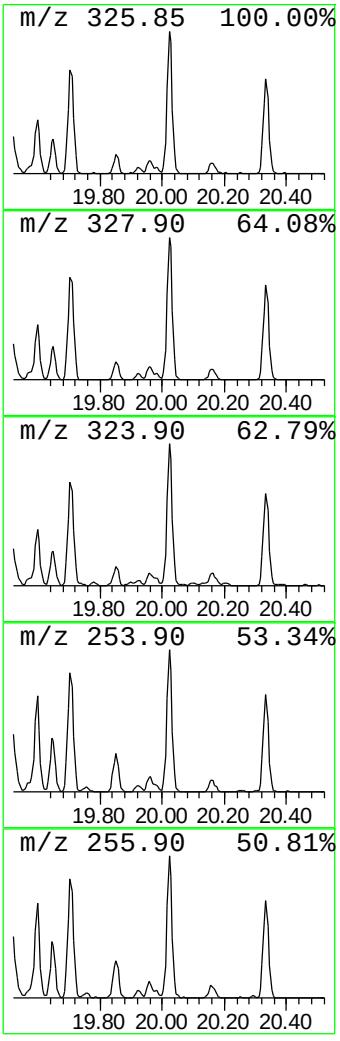
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 3,3',4,5,5'-Pentachloro-1,1... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	4.90 ng/ul	1099220	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	3,3',4,4',',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

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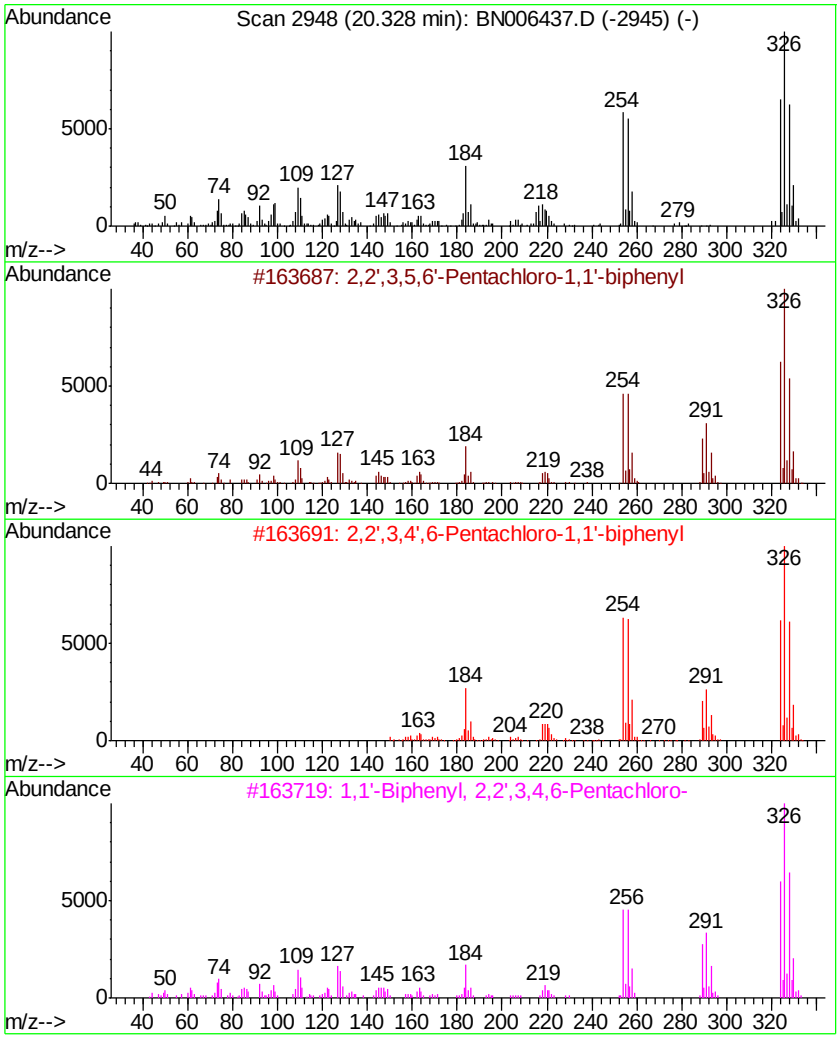
Quant Title : SVOA CALIBRATION

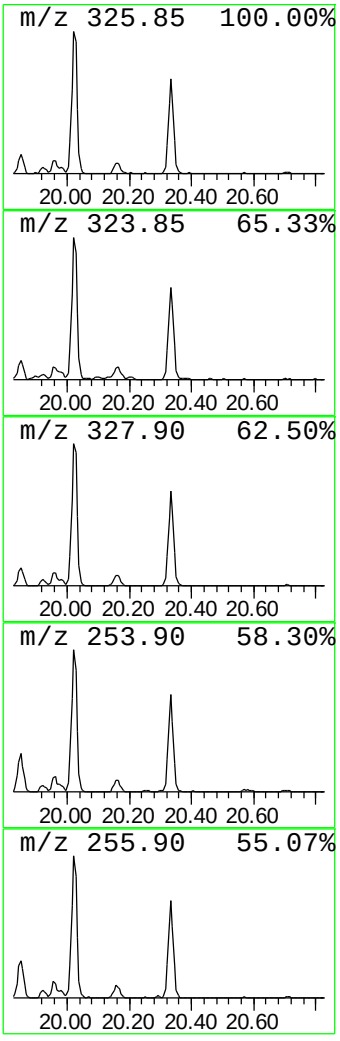
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.53 ng/ul	568127	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

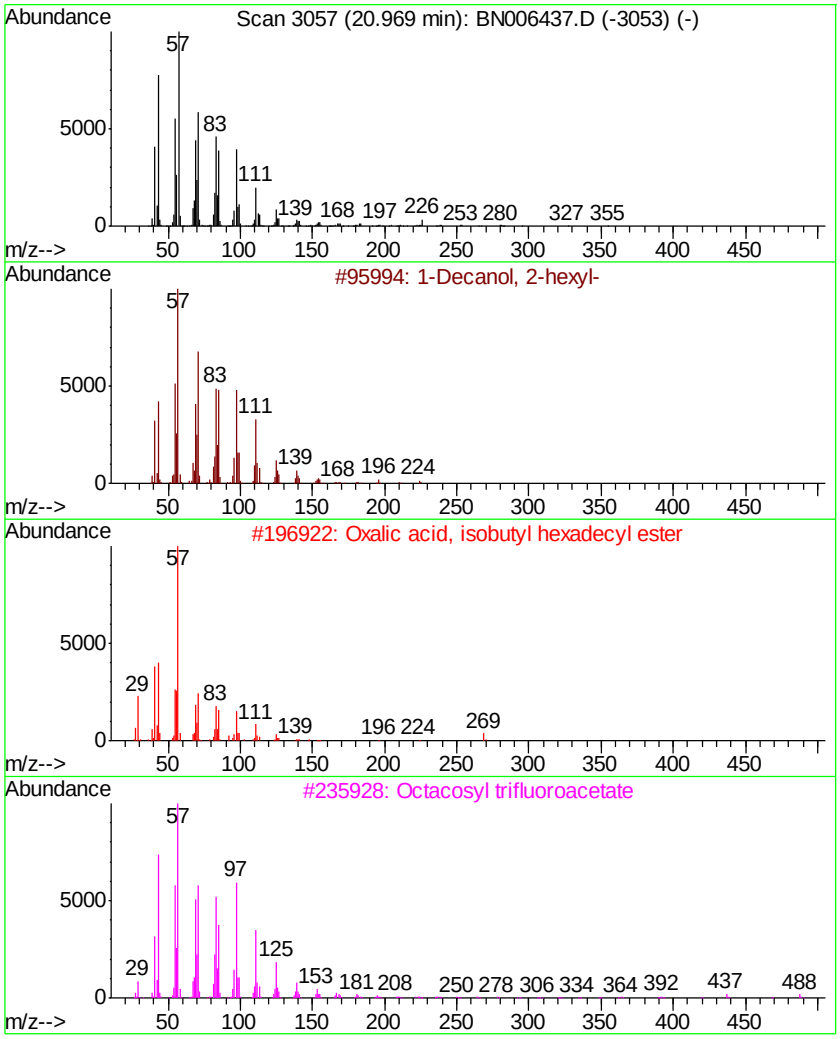
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

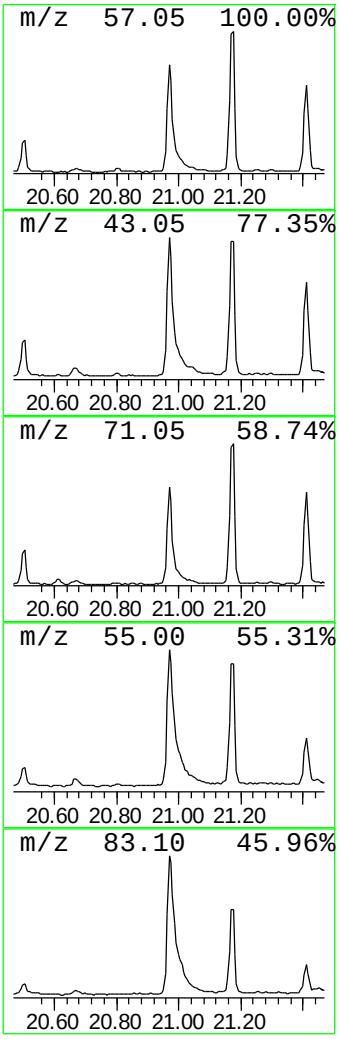
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1-Decanol, 2-hexyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	7.68 ng/ul	1721980	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76





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Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

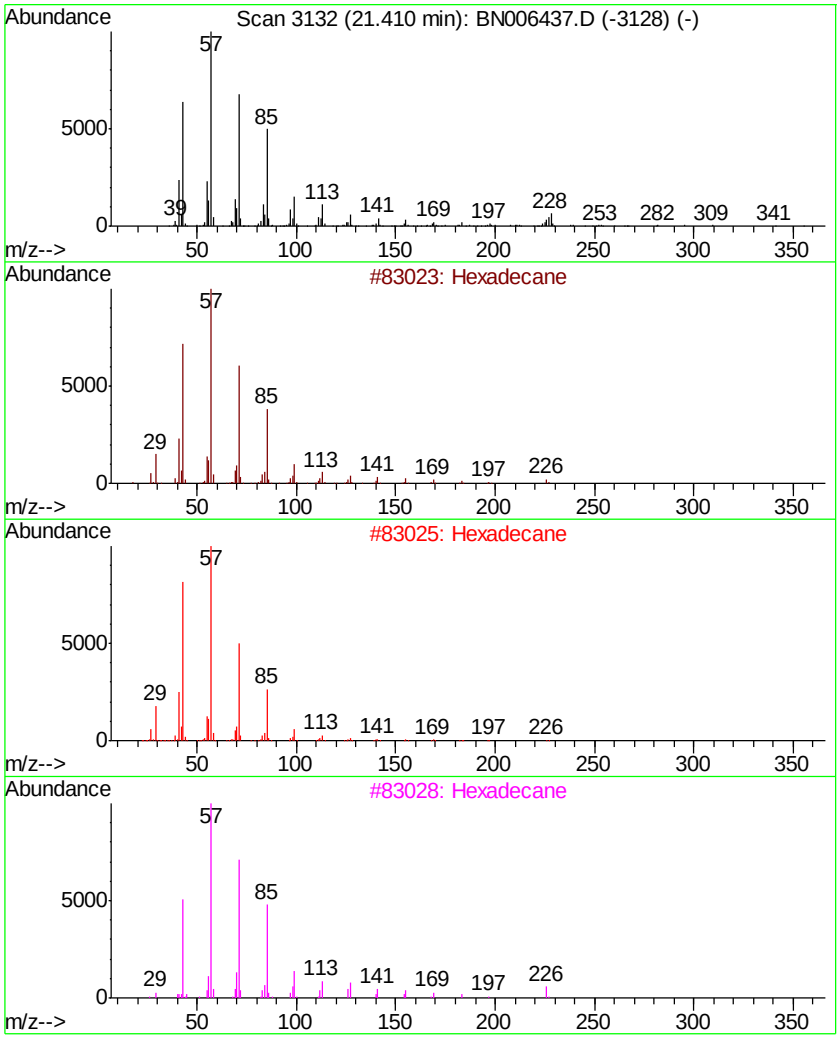
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

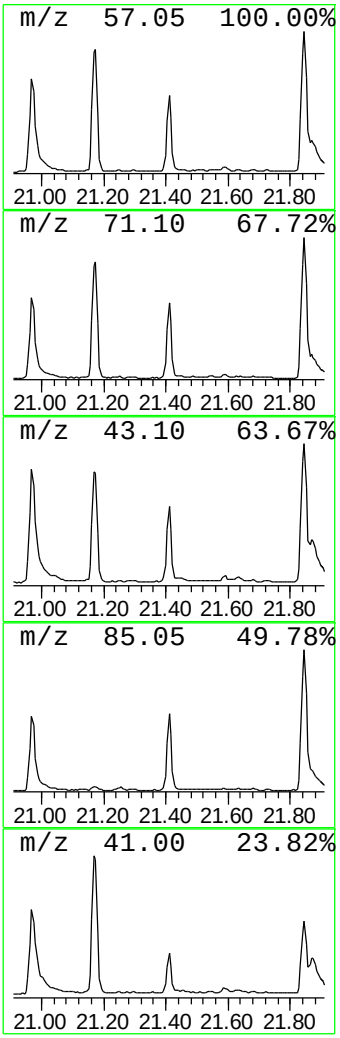
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.71 ng/ul	607087	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	93
4	Eicosane	282	C20H42	000112-95-8	92
5	Hexadecane	226	C16H34	000544-76-3	91





Library Search Compound Report

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Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

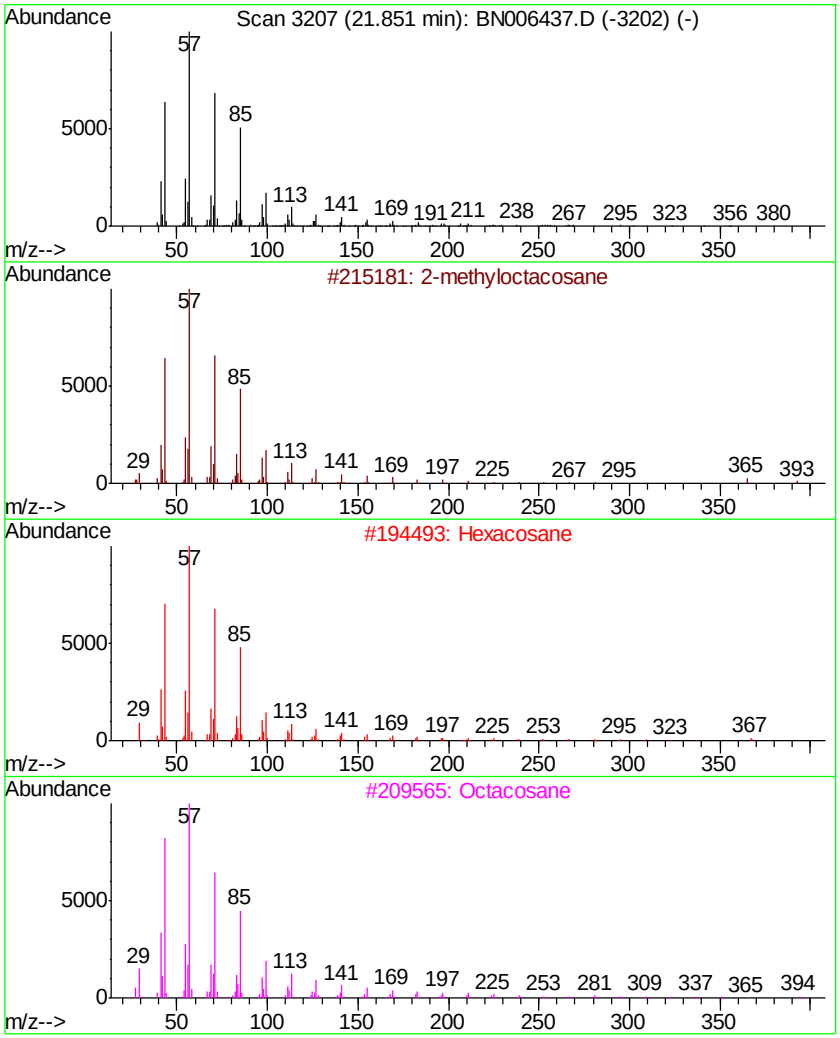
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

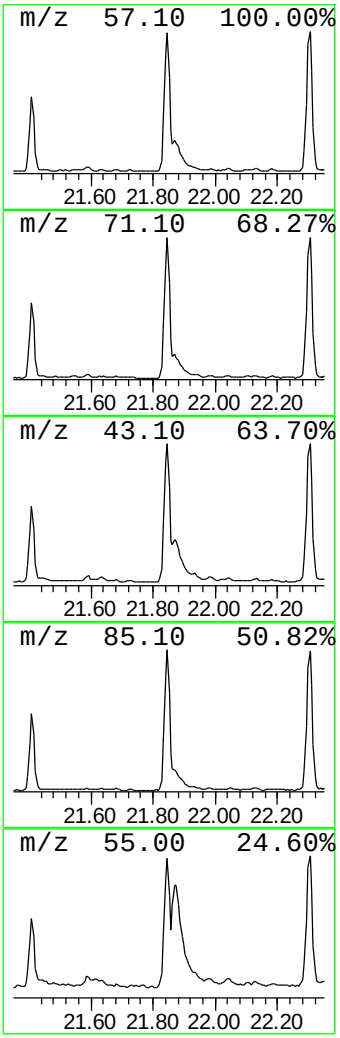
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	5.23 ng/ul	1172010	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





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Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

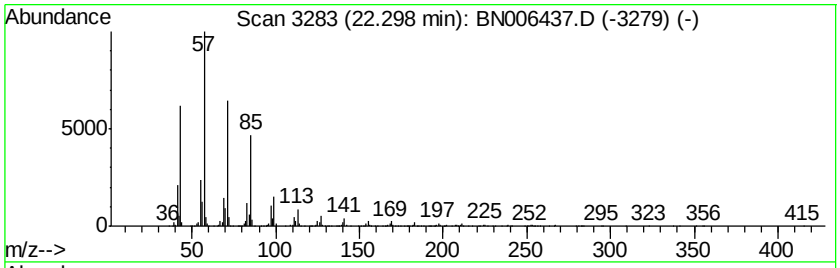
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

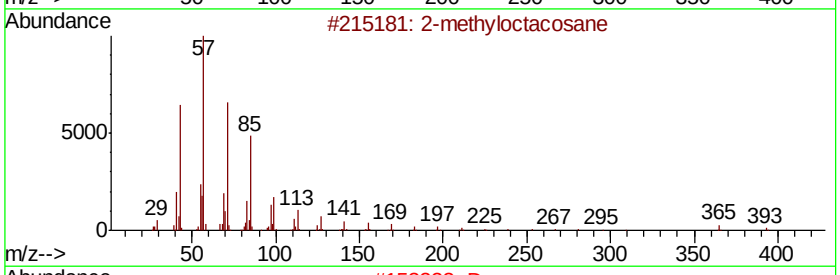
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

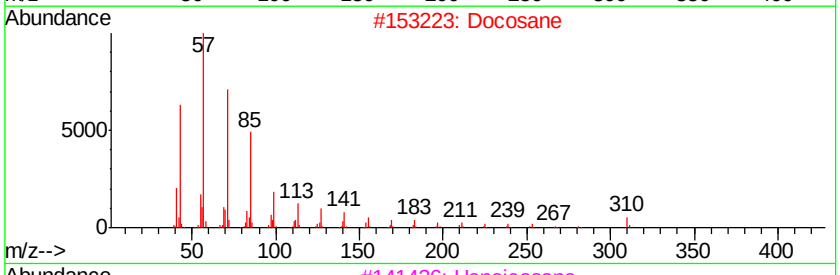
****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 25

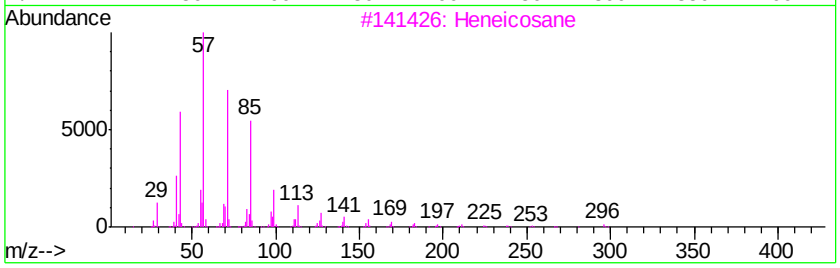
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	6.10 ng/ul	1367330	Chrysene-d12	21.26

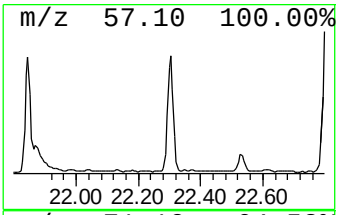
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Docosane	310	C22H46	000629-97-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91

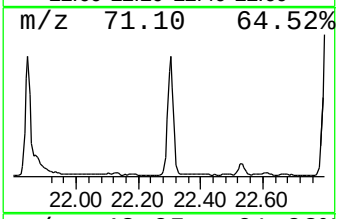


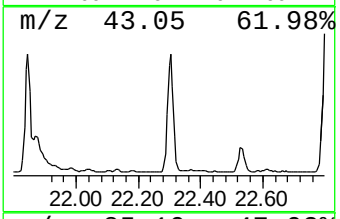


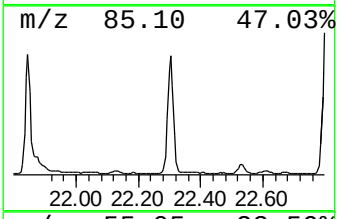


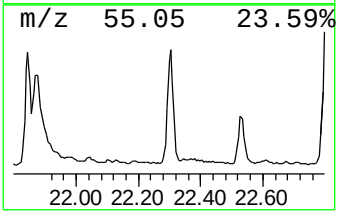












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

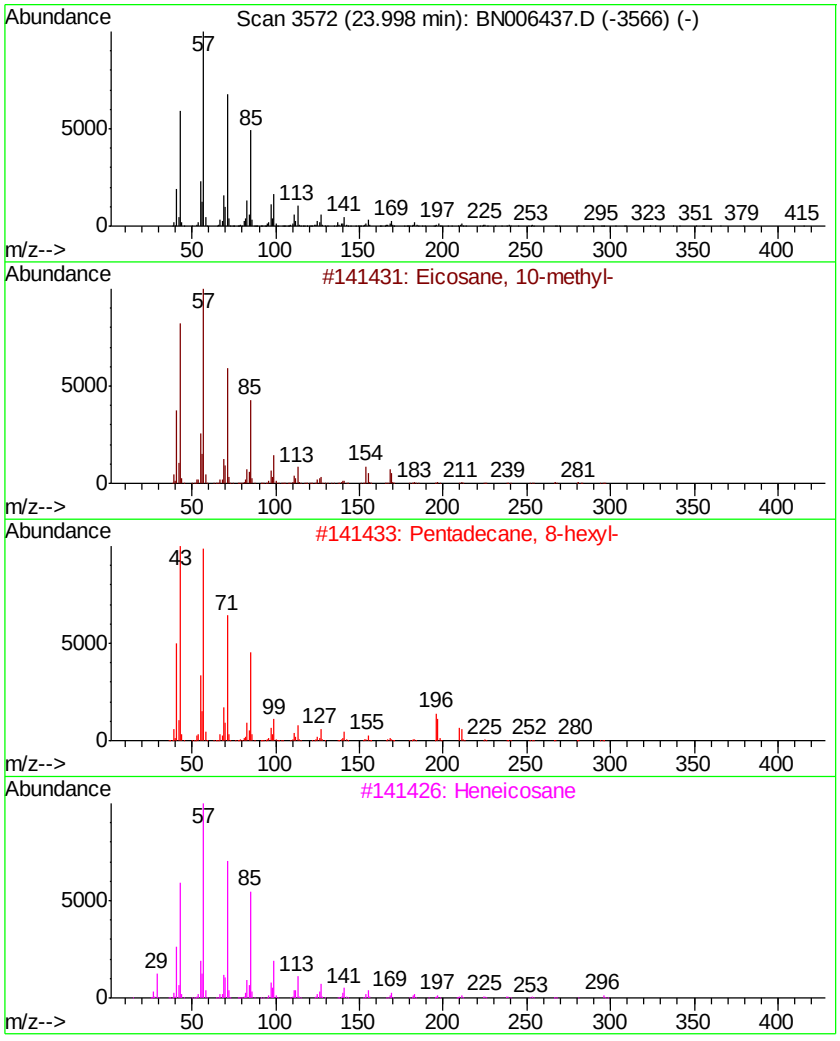
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

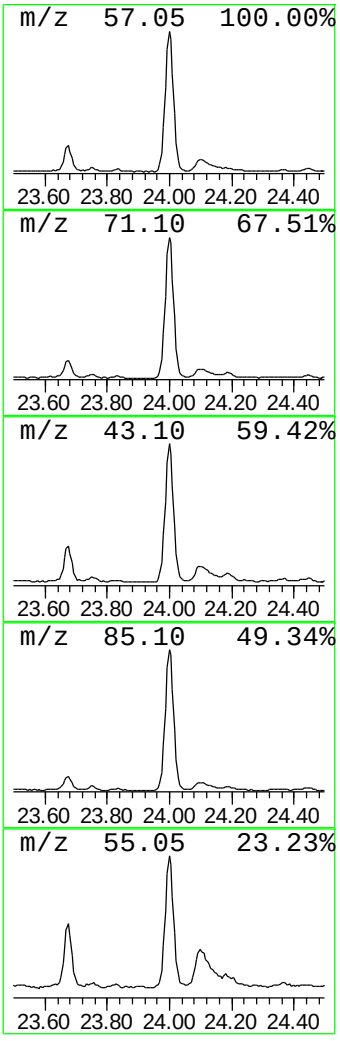
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	9.50 ng/ul	2114530	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

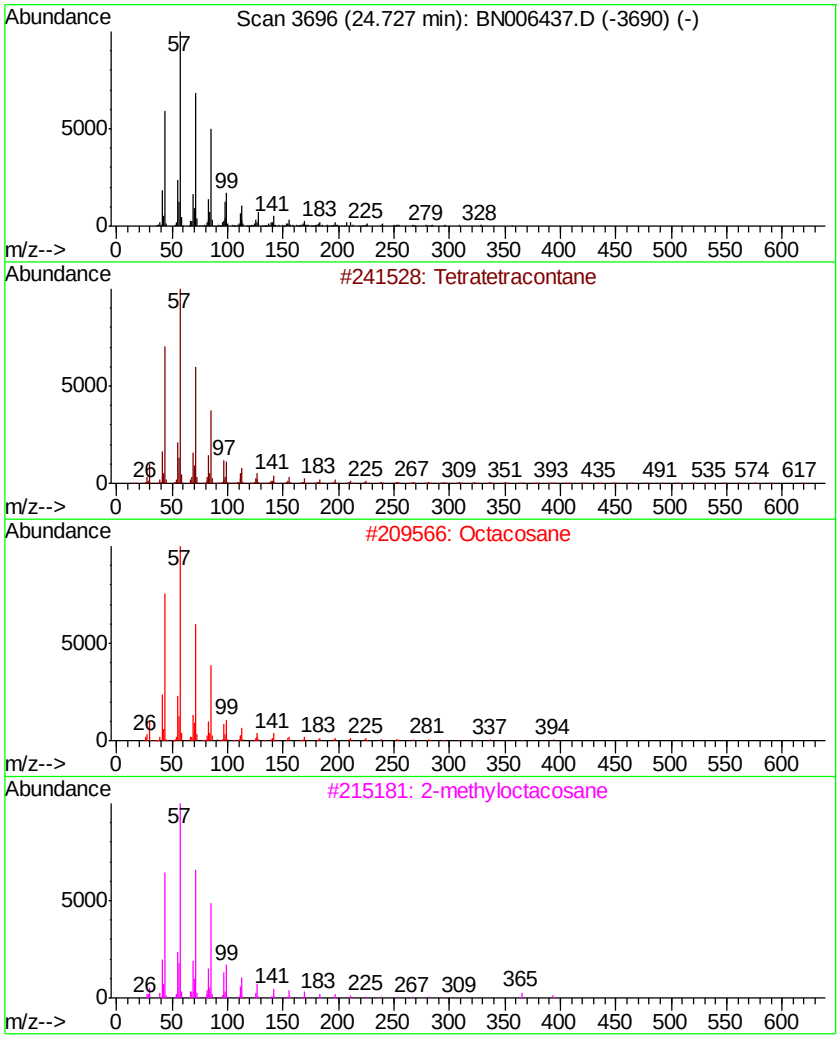
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

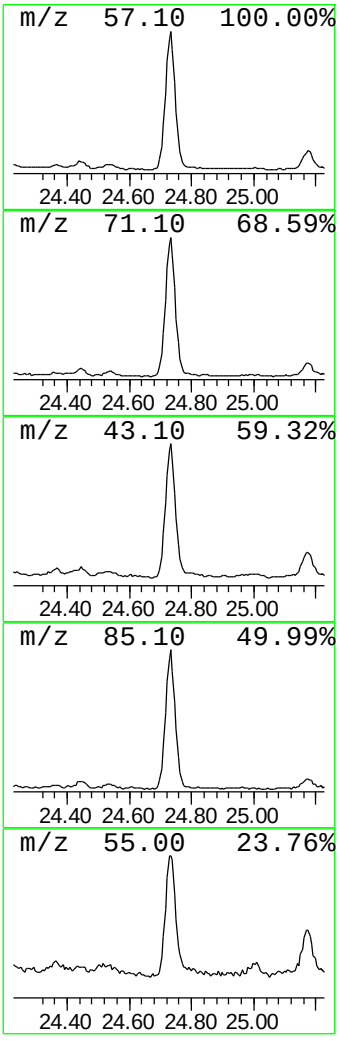
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	5.23 ng/ul	1164570	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

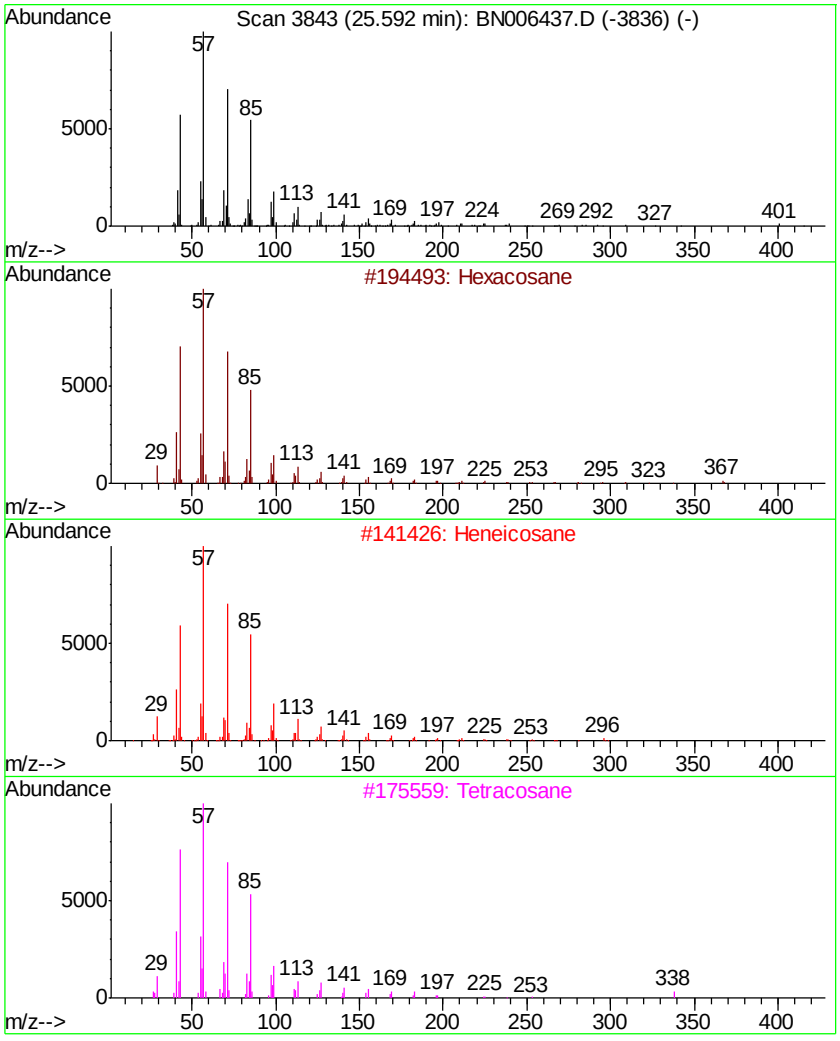
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

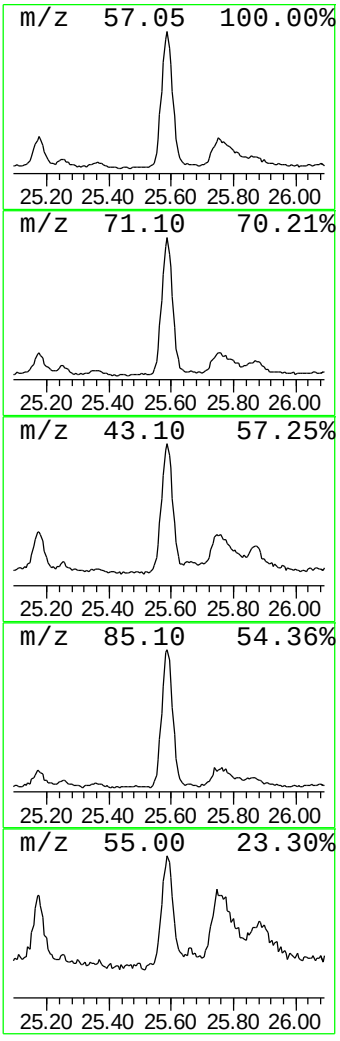
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	2.51 ng/ul	559325	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006437.D
Acq On : 20 Jun 2019 20:33
Operator : JU/SJ
Sample : K3335-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 2,...	15.54	9.0	ng/ul	1383740	3	14.28	3079890	20.0
1,1'-Biphenyl, 2,...	16.57	66.5	ng/ul	13646000	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	17.22	86.3	ng/ul	17719900	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	17.42	2.1	ng/ul	428930	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	17.65	15.2	ng/ul	3127610	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	17.75	38.0	ng/ul	7807190	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	17.83	18.3	ng/ul	3762550	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	17.89	8.8	ng/ul	1802510	4	17.03	4104790	20.0
2,2',4,5-Tetrachl...	17.95	43.7	ng/ul	8961040	4	17.03	4104790	20.0
2,2',3,6-Tetrachl...	18.05	18.5	ng/ul	3798610	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.12	116.4	ng/ul	23887700	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.18	97.3	ng/ul	19964000	4	17.03	4104790	20.0
2,3',4,5'-Tetrach...	18.23	74.4	ng/ul	15274900	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.41	116.2	ng/ul	23845400	4	17.03	4104790	20.0
2,3,5-Trichloro-1...	18.51	3.9	ng/ul	806179	4	17.03	4104790	20.0
2,2',4,6'-Tetrach...	18.55	52.4	ng/ul	10752900	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.59	88.2	ng/ul	18108800	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.65	2.0	ng/ul	417242	4	17.03	4104790	20.0
2,3,3',6-Tetrachl...	18.68	25.8	ng/ul	5299110	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.76	4.7	ng/ul	969010	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	18.83	5.3	ng/ul	1098030	4	17.03	4104790	20.0
Biphenyl, 2,4,4',...	18.89	34.0	ng/ul	6967190	4	17.03	4104790	20.0
1,1'-Biphenyl, 2,...	19.06	4.9	ng/ul	1011280	4	17.03	4104790	20.0
2,3',4,5-Tetrachl...	19.19	8.1	ng/ul	1809980	5	21.26	4485520	20.0
1,1'-Biphenyl, 2,...	19.25	9.2	ng/ul	2060710	5	21.26	4485520	20.0
1,1'-Biphenyl, 2,...	19.32	3.9	ng/ul	862766	5	21.26	4485520	20.0
2,3,3',5,5'-Penta...	19.70	3.0	ng/ul	676049	5	21.26	4485520	20.0
3,3',4,5,5'-Penta...	20.02	4.9	ng/ul	1099220	5	21.26	4485520	20.0
2,2',3,5,6'-Penta...	20.33	2.5	ng/ul	568127	5	21.26	4485520	20.0
1-Decanol, 2-hexyl-	20.97	7.7	ng/ul	1721980	5	21.26	4485520	20.0
(DEL) Alkane: Str...	21.41	2.7	ng/ul	607087	5	21.26	4485520	20.0
(DEL) Alkane: Str...	21.85	5.2	ng/ul	1172010	5	21.26	4485520	20.0
(DEL) Alkane: Str...	22.30	6.1	ng/ul	1367330	5	21.26	4485520	20.0
(DEL) Alkane: Str...	24.00	9.5	ng/ul	2114530	6	23.49	4453960	20.0
(DEL) Alkane: Str...	24.73	5.2	ng/ul	1164570	6	23.49	4453960	20.0
(DEL) Alkane: Str...	25.59	2.5	ng/ul	559325	6	23.49	4453960	20.0