LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

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_M\METHODS\SOM-EPA-BM082219MA.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	3.016	3	5	10	rVB	24415	24565	2.79%	0.244%
2	3.081	14	16	19	rVB	1387	1013	0.11%	0.010%
3	3.305	50	54	57	rVB2	1762	2245	0.25%	0.022%
4	3.340	57	60	62	rBV	1419	1334	0.15%	0.013%
5	4.193	201	205	208	rVB	2250	2467	0.28%	0.025%
6	4.587	270	272	274	rVB2	1219	1082	0.12%	0.011%
7	6.604	610	615	619	rBV	909	1811	0.21%	0.018%
8	7.534	768	773	788	rBB	91362	158687	18.01%	1.579%
9	7.657	791	794	796	rBB	893	897	0.10%	0.009%
10	10.310	1239	1245	1264	rBV	106626	214380	24.32%	2.133%
11	11.851	1502	1507	1511	rBV2	3827	6723	0.76%	0.067%
12	14.198	1900	1906	1919	rBV	190822	315474	35.80%	3.139%
13	15.274	2087	2089	2092	rBB	1259	1250	0.14%	0.012%
14	15.939	2195	2202	2206	rBB2	18021	25530	2.90%	0.254%
15	16.204	2243	2247	2252	rBV2	1493	2463	0.28%	0.025%
16	16.527	2297	2302	2306	rVB2	3394	4694	0.53%	0.047%
17	16.739	2336	2338	2340	rBV	1210	1312	0.15%	0.013%
18	16.757	2340	2341	2344	rVB2	1547	1198	0.14%	0.012%
19	16.962	2370	2376	2392	rBV	223741	365171	41.43%	3.633%
20	17.574	2474	2480	2484	rBV2	22457	32124	3.64%	0.320%
21	17.668	2493	2496	2501	rVB2	2134	1852	0.21%	0.018%
22	17.780	2512	2515	2520	rBV2	3485	5015	0.57%	0.050%
23	17.857	2525	2528	2530	rVB	1576	1313	0.15%	0.013%
24	18.021	2551	2556	2563	rBV	272580	375956	42.66%	3.741%
25	18.080	2563	2566	2571	rVV2	55926	73728	8.37%	0.734%
26	18.121	2571	2573	2579	rVB2	5575	7820	0.89%	0.078%
27	18.245	2587	2594	2598	rBV4	4212	9811	1.11%	0.098%
28	18.309	2600	2605	2610	rVB	110667	128954	14.63%	1.283%
29	18.362	2610	2614	2617	rVB	2725	3458	0.39%	0.034%
30	18.415	2620	2623	2625	rVB	902	1056	0.12%	0.011%
31	18.457	2626	2630	2632	rBV2	5539	7610	0.86%	0.076%
32	18.492	2632	2636	2642	rVB	29863	36288	4.12%	0.361%
33	18.557	2642	2647	2650	rBV4	2491	3796	0.43%	0.038%
34	18.592	2650	2653	2656	rVB2	2956	2907	0.33%	0.029%

LSC Area Percent Report

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Data File : BM022397.D
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Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

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_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

35	18.639	2658	2661	2662	rBV	1011	992	0.11%	0.010%
36	18.662	2663	2665	2666	rVV	2239	1161	0.13%	0.012%
37	18.680	2666	2668	2669	rVB2	1670	1044	0.12%	0.010%
38	18.739	2677	2678	2681	rVB	2339	1811	0.21%	0.018%
39	18.768	2681	2683	2684	rBV	2205	1867	0.21%	0.019%
40	18.804	2686	2689	2694	rVV2	37840	49687	5.64%	0.494%
41	18.874	2694	2701	2710	rVV2	392291	643674	73.03%	6.404%
42	18.962	2712	2716	2721	rVV2	55824	62517	7.09%	0.622%
43	19.021	2725	2726	2728	rBV2	1474	1346	0.15%	0.013%
44	19.039	2728	2729	2732	rVB2	2107	1842	0.21%	0.018%
45	19.086	2732	2737	2745	rBV2	79425	120532	13.68%	1.199%
46	19.162	2745	2750	2756	rVV	710020	881323	100.00%	8.769%
47	19.227	2756	2761	2766	rVB	230037	276573	31.38%	2.752%
48	19.262	2766	2767	2770	rBV3	2050	1942	0.22%	0.019%
49	19.298	2770	2773	2778	rBV7	5444	6589	0.75%	0.066%
50	19.351	2778	2782	2787	rBV4	20888	25321	2.87%	0.252%
51	19.392	2787	2789	2790	rBV2	2346	1551	0.18%	0.015%
52	19.427	2790	2795	2802	rVV2	179981	254365	28.86%	2.531%
53	19.503	2802	2808	2813	rVV	288480	356738	40.48%	3.550%
54	19.556	2813	2817	2820	rVV	98096	116931	13.27%	1.163%
55	19.615	2820	2827	2834	rVB	705874	853651	96.86%	8.494%
56	19.733	2843	2847	2849	rBV2	34088	47274	5.36%	0.470%
57	19.762	2849	2852	2860	rVV5	79617	165008	18.72%	1.642%
58	19.827	2860	2863	2866	rVV3	22911	25527	2.90%	0.254%
59	19.874	2866	2871	2876	rVV	280003	346861	39.36%	3.451%
60	19.933	2876	2881	2889	rVB	626738	715257	81.16%	7.117%
61	20.003	2889	2893	2898	rBV3	25675	43121	4.89%	0.429%
62	20.068	2898	2904	2909	rVB4	63355	126783	14.39%	1.261%
63	20.156	2914	2919	2924	rVV	315003	372718	42.29%	3.709%
64	20.209	2924	2928	2930	rVV	160791	178869	20.30%	1.780%
65	20.245	2930	2934	2939	rVV	237015	287211	32.59%	2.858%
66	20.309	2941	2945	2949	rVB2	62544	71304	8.09%	0.709%
67	20.380	2954	2957	2959	rBV2	33533	36862	4.18%	0.367%
68	20.403	2959	2961	2965	rVB3	26988	26492	3.01%	0.264%
69	20.451	2965	2969	2971	rBV	284650	373088	42.33%	3.712%
70	20.474	2971	2973	2982	rVB	447007	507425	57.58%	5.049%
71	20.556	2984	2987	2990	rVB3	22760	22649	2.57%	0.225%

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Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

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_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

72	20.615	2994	2997	3001	rBV5	13141	15320	1.74%	0.152%
73	20.786	3022	3026	3031	rBV	129854	152136	17.26%	1.514%
74	20.892	3041	3044	3046	rBV4	20625	24841	2.82%	0.247%
75	21.033	3065	3068	3072	rBV2	54173	62044	7.04%	0.617%
76	21.086	3075	3077	3081	rBV4	14120	17048	1.93%	0.170%
77	21.174	3087	3092	3100	rBV	371729	491361	55.75%	4.889%
78	21.403	3129	3131	3136	rVB3	20473	22489	2.55%	0.224%
79	21.486	3142	3145	3149	rVB3	33183	34555	3.92%	0.344%
80	23.362	3458	3464	3475	rVB2	195942	398670	45.24%	3.967%

Sum of corrected areas: 10050354

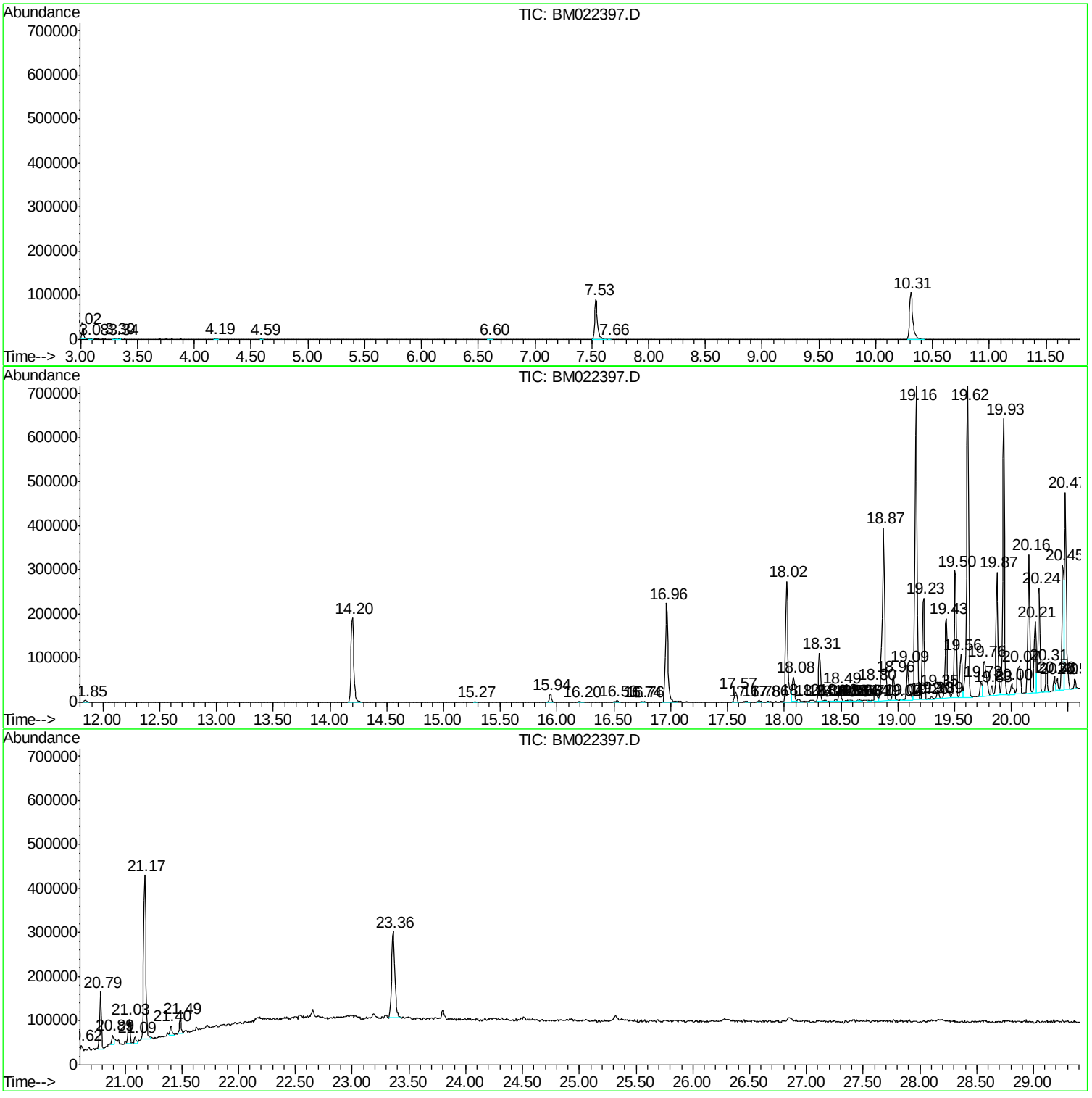
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

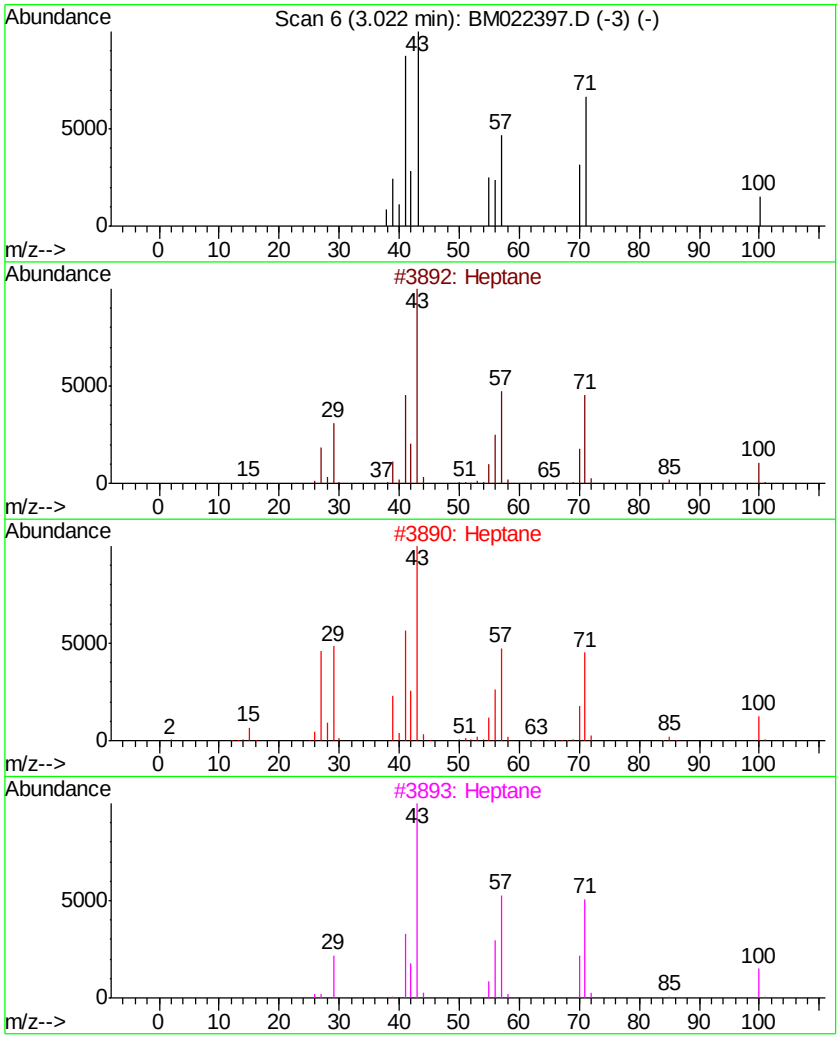
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

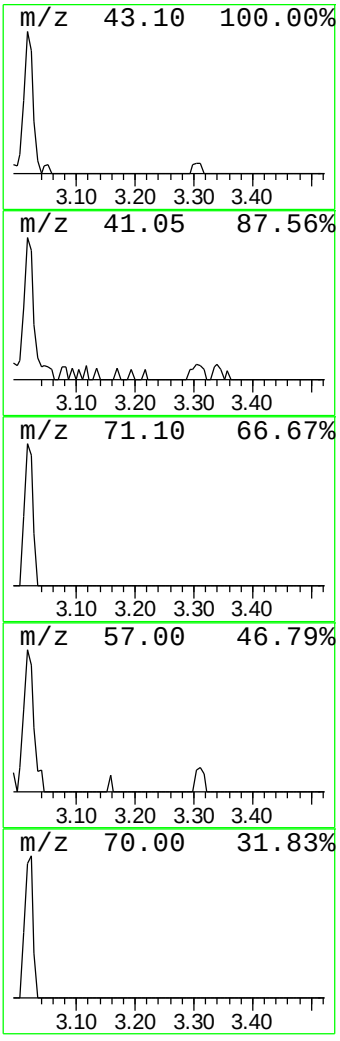
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	3.10 ng/ul	24565	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

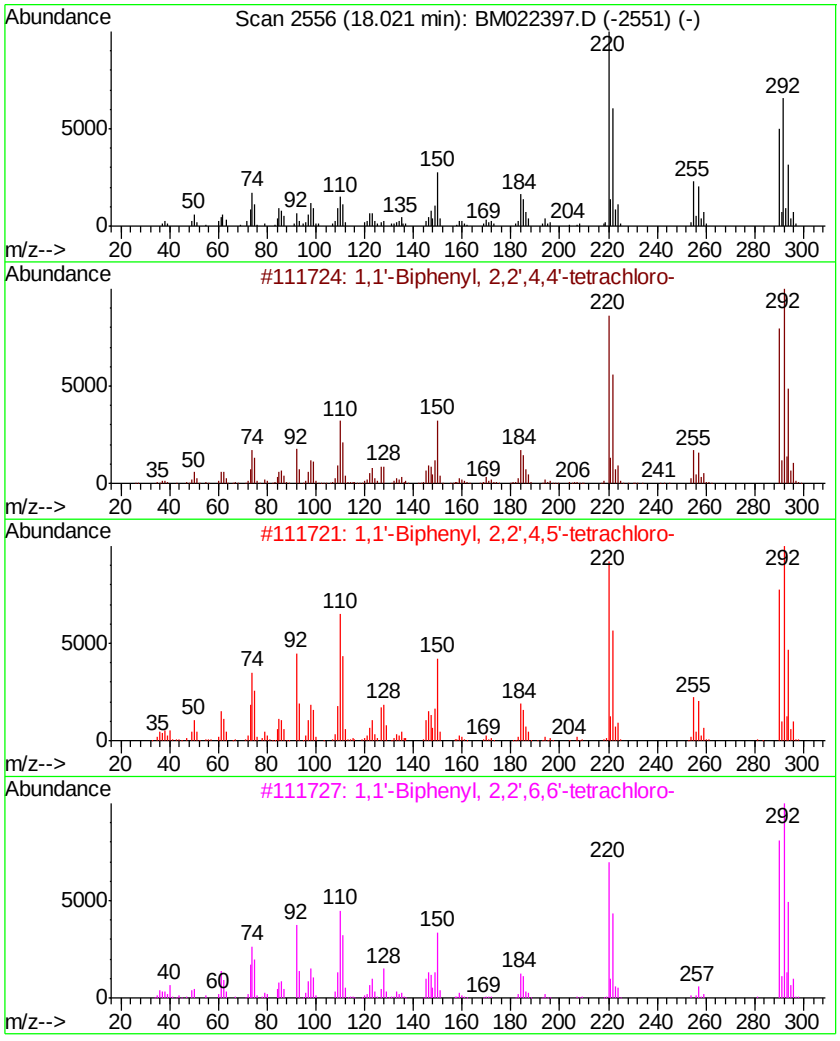
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

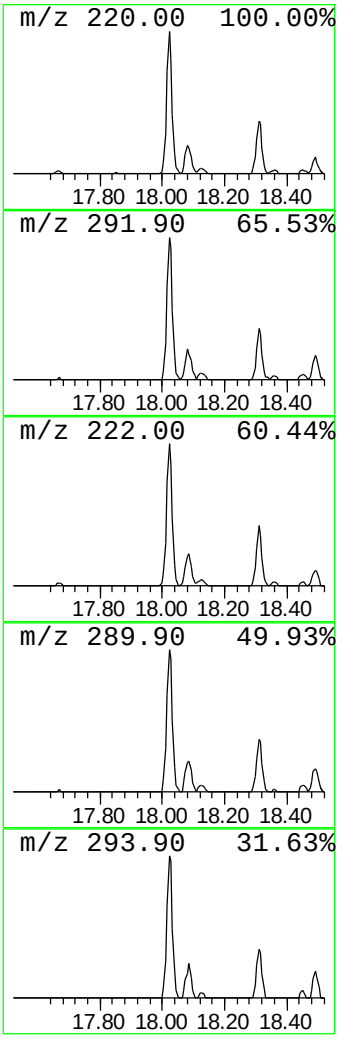
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	20.59 ng/ul	375956	Phenanthrene-d10	16.96

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	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

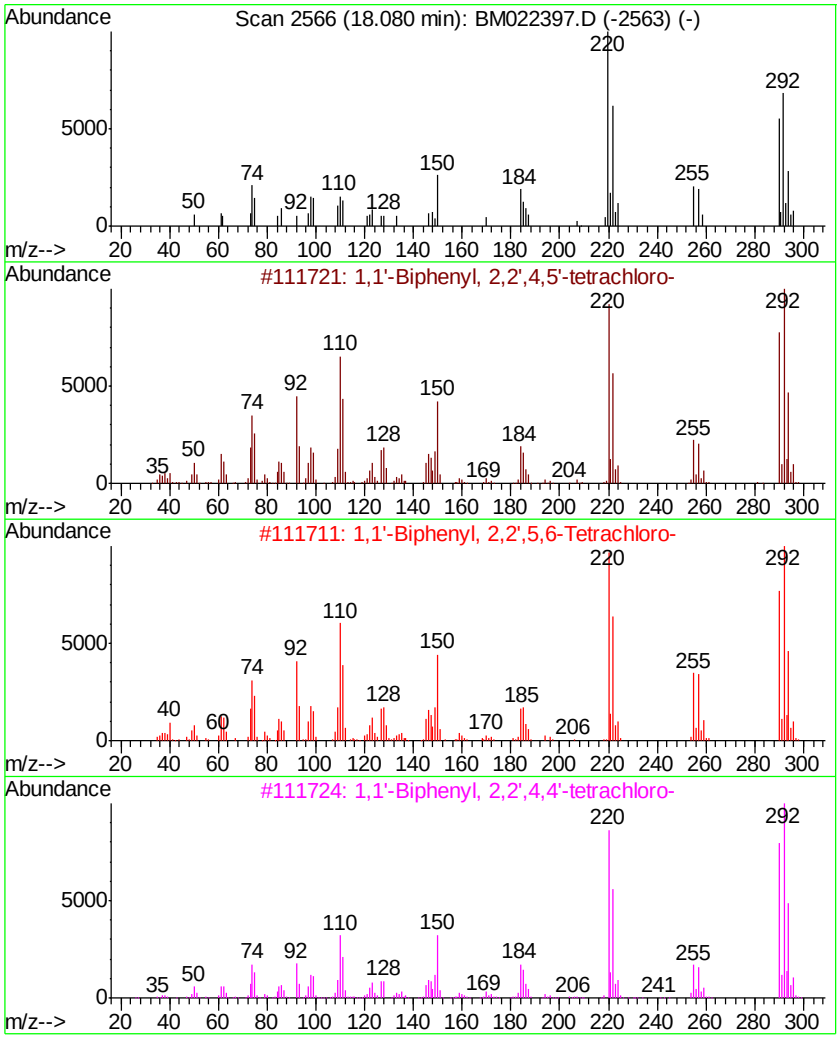
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

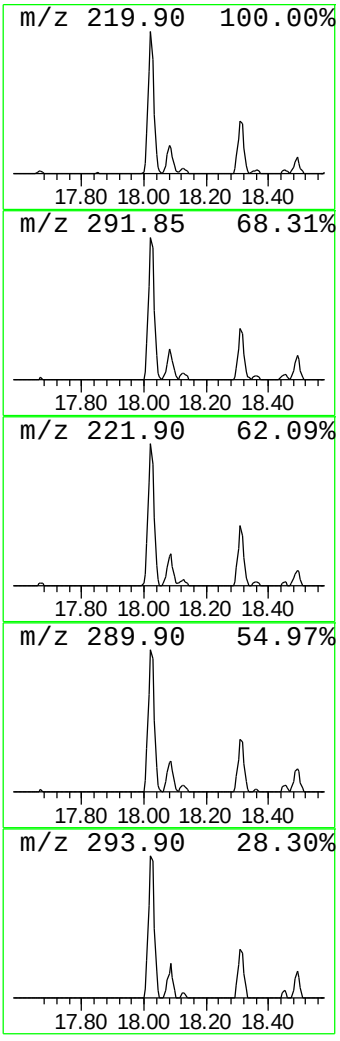
****

Peak Number 3 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.04 ng/ul	73728	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	97
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	95
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	94





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

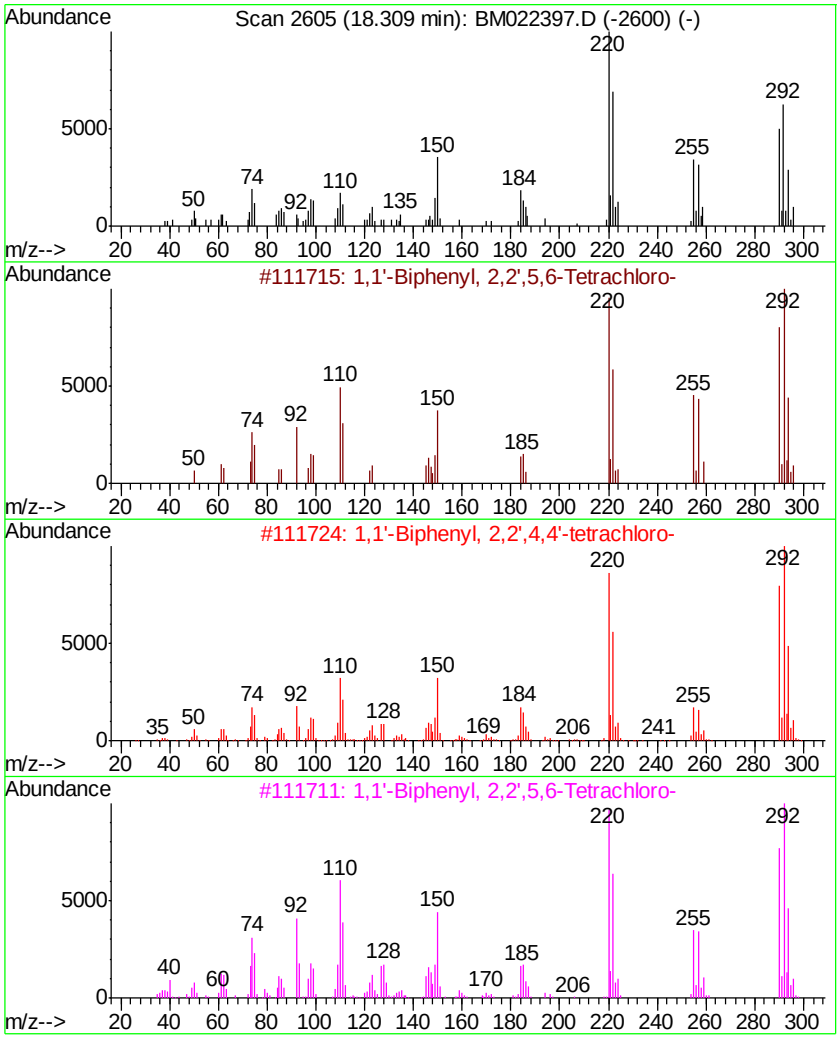
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

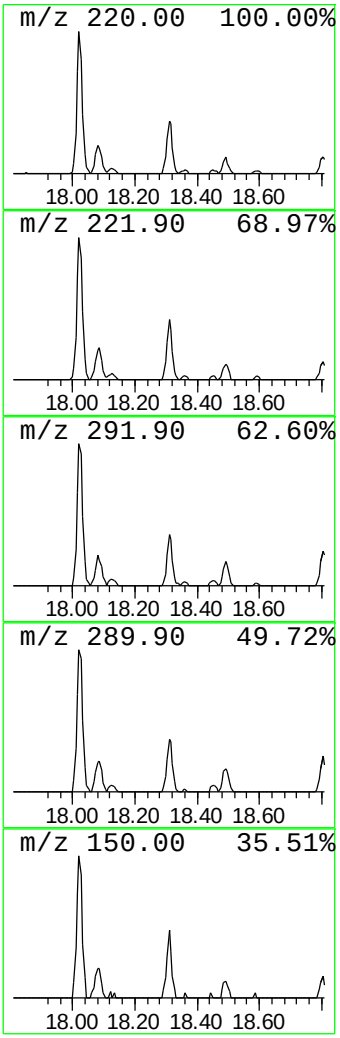
****

Peak Number 4 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	7.06 ng/ul	128954	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

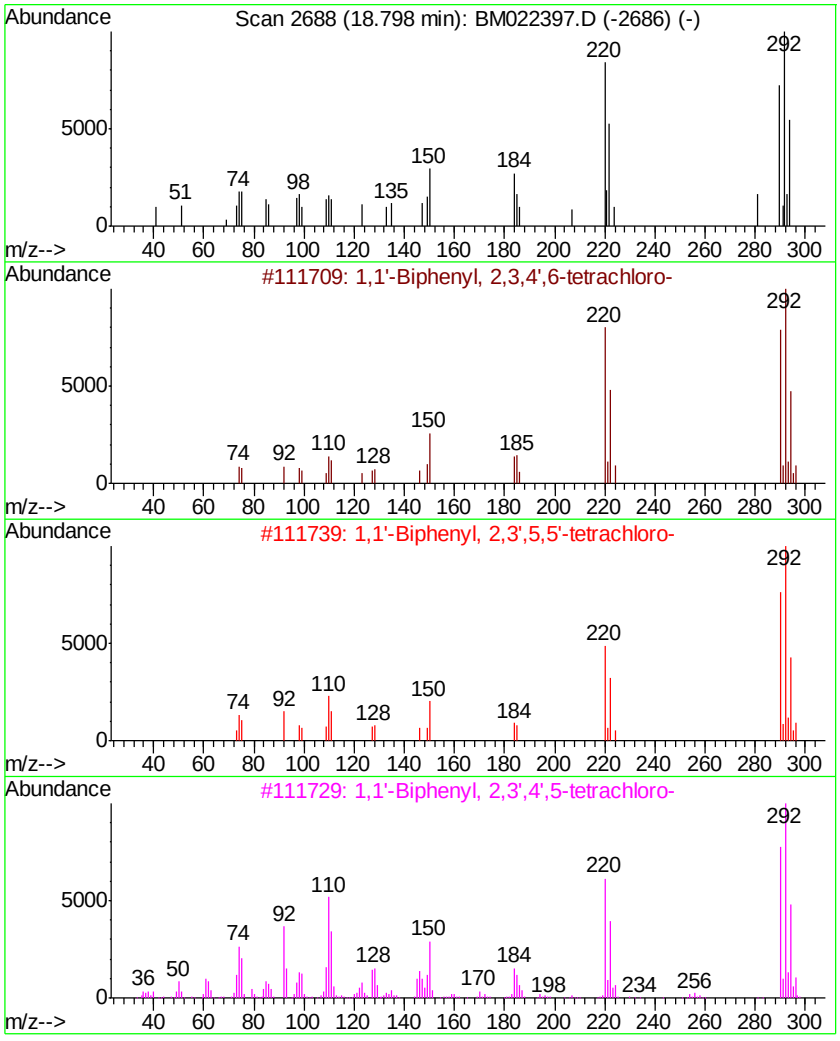
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

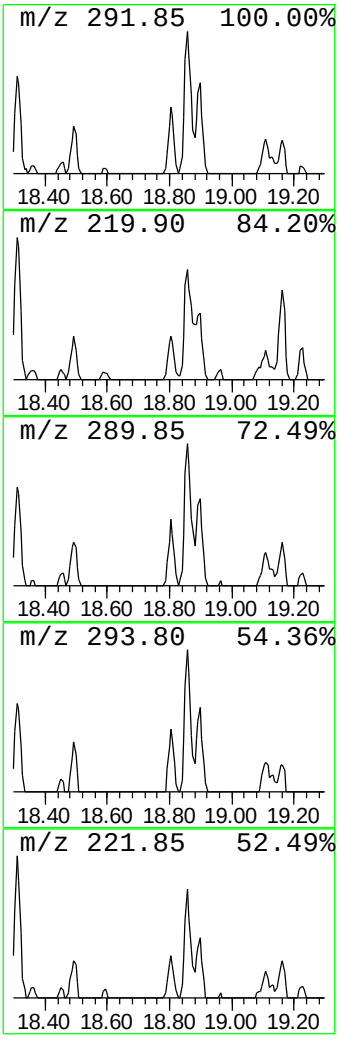
****

Peak Number 5 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.72 ng/ul	49687	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98
4	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	98
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98





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Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

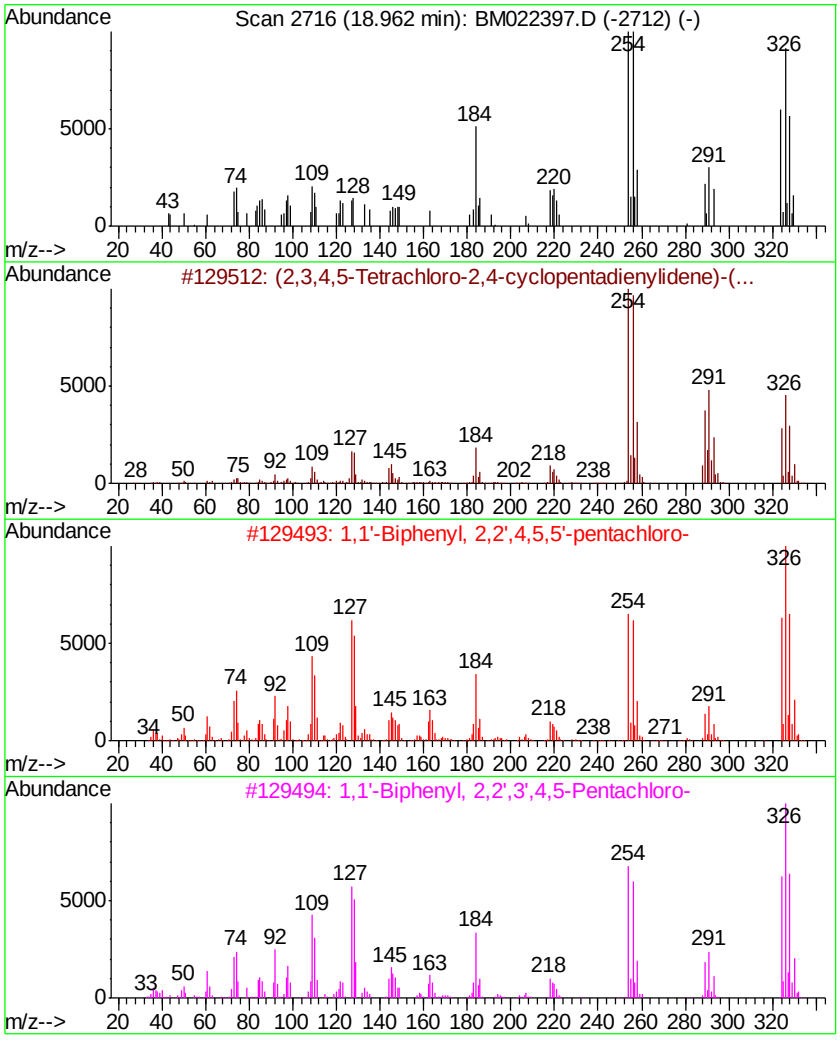
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

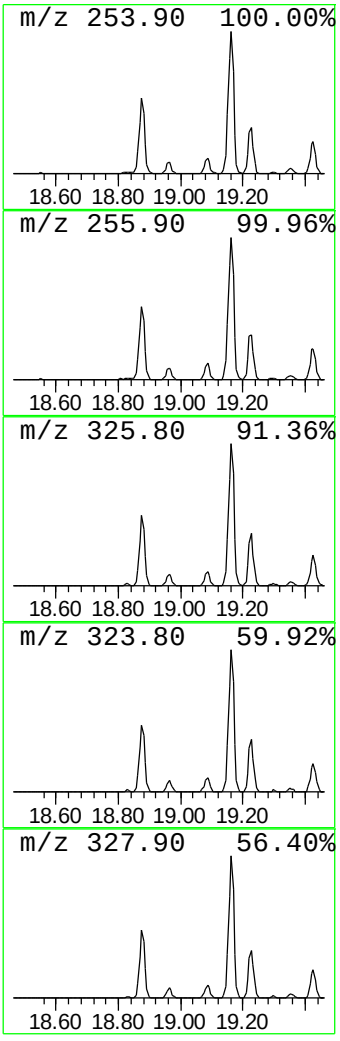
****

Peak Number 7 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.42 ng/ul	62517	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	94
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94





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Sample : K4556-05
Misc :
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Instrument : BNA_M
ClientSampleId : C0AQ9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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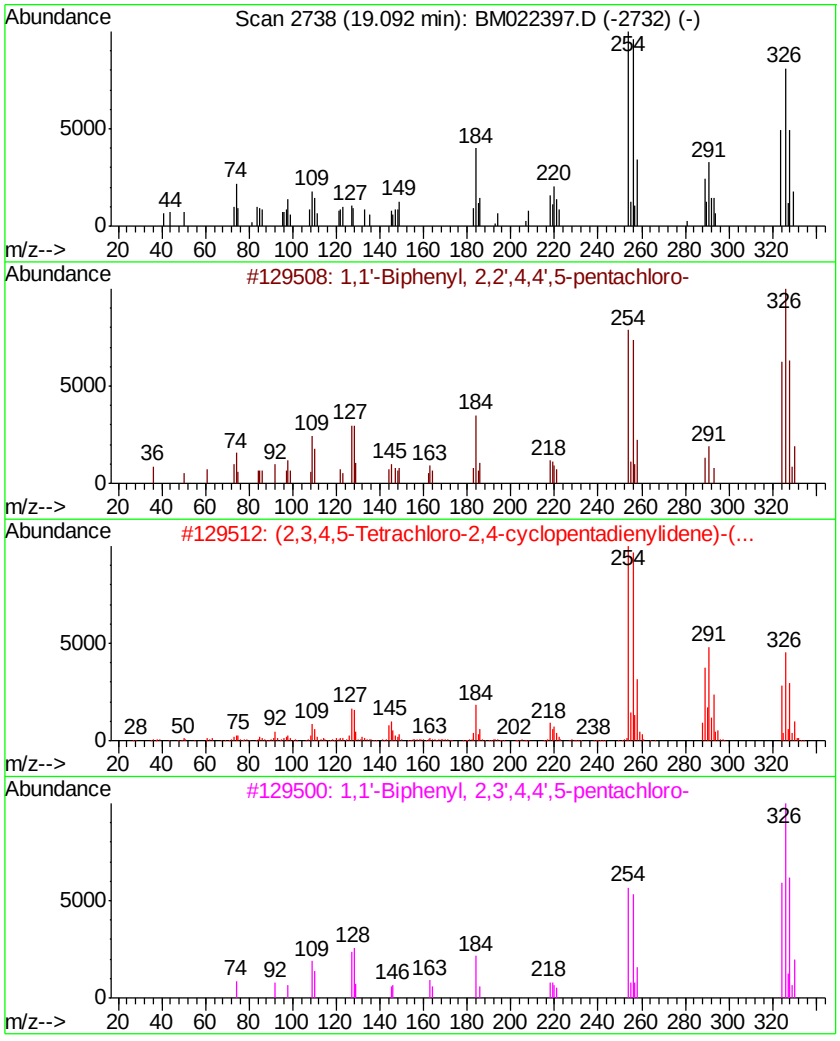
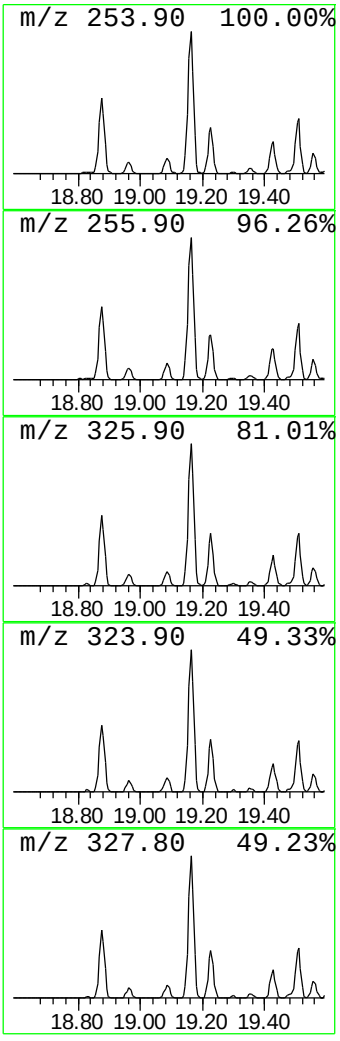
Peak Number 8 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	4.91 ng/ul	120532	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
2	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	95
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94





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Instrument : BNA_M
ClientSampleId : C0AQ9

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Quant Title : SVOA CALIBRATION

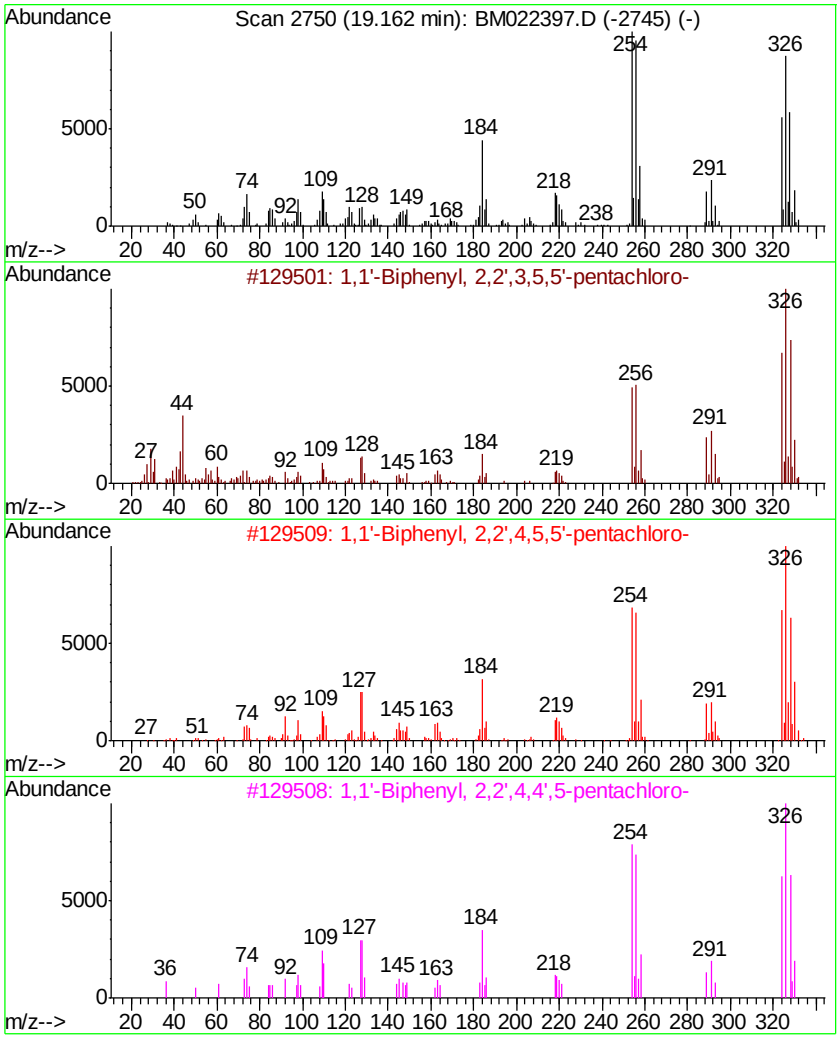
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

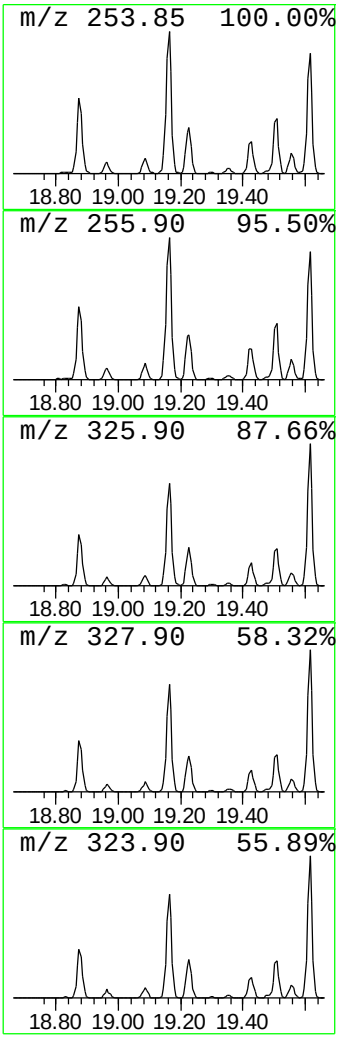
****

Peak Number 9 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	35.87 ng/ul	881323	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	95





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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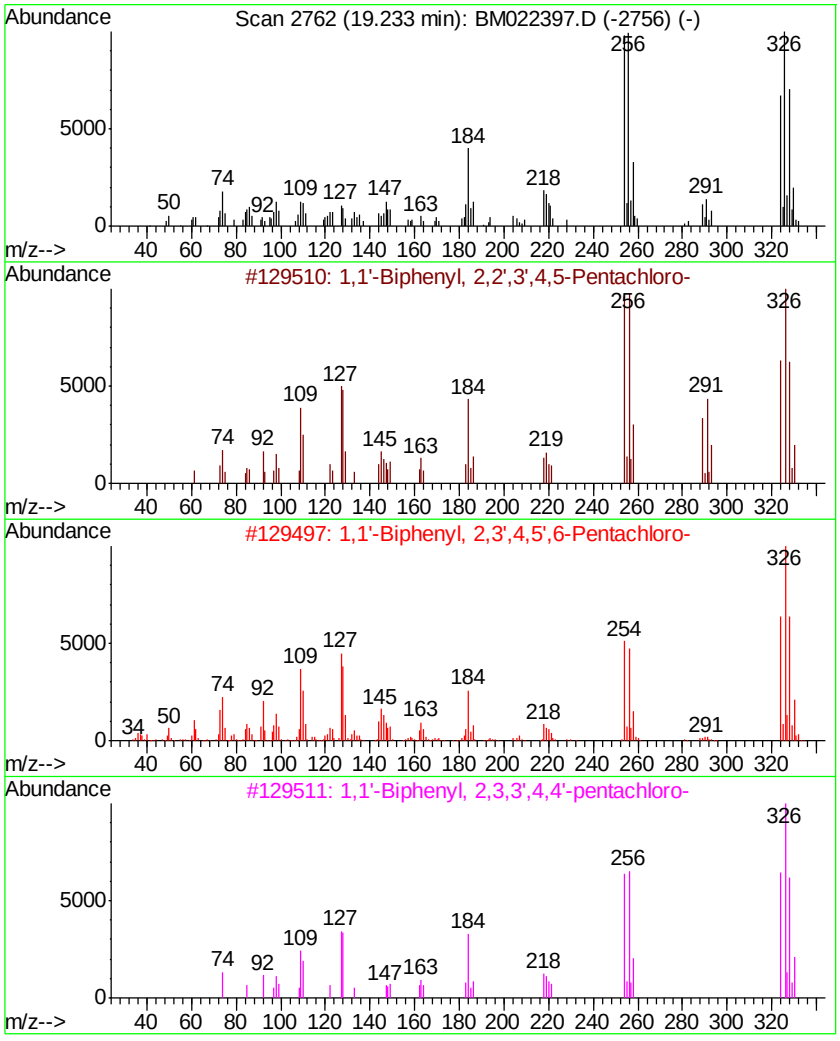
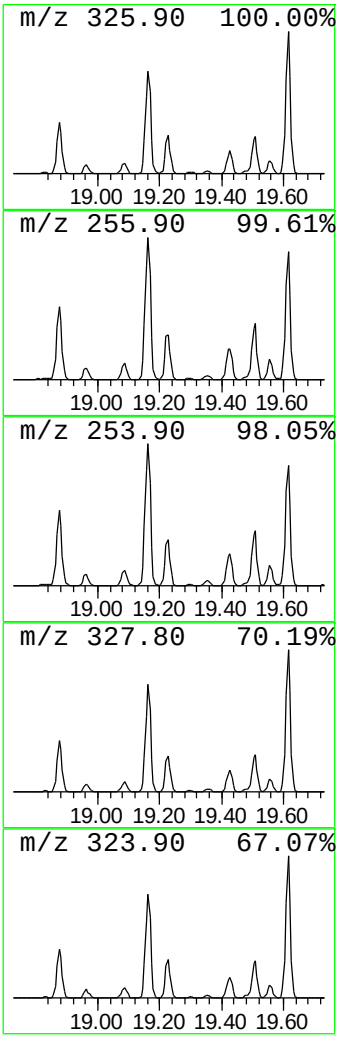
Peak Number 10 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	11.26 ng/ul	276573	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
2	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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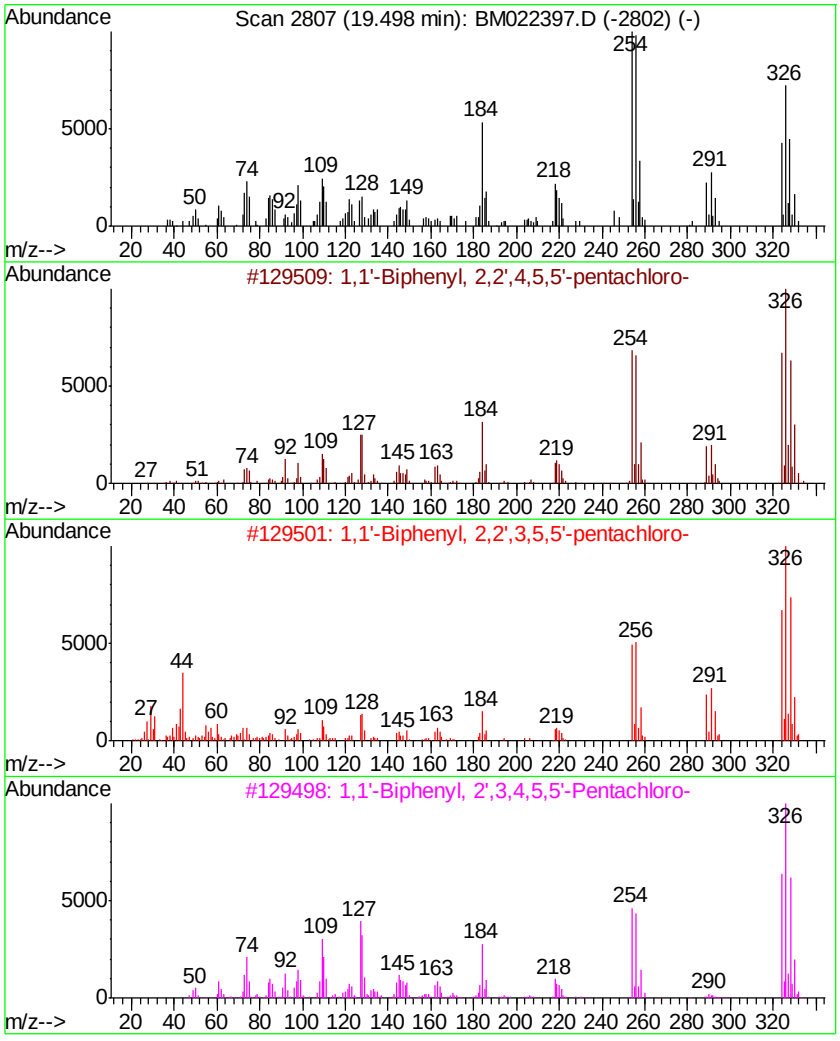
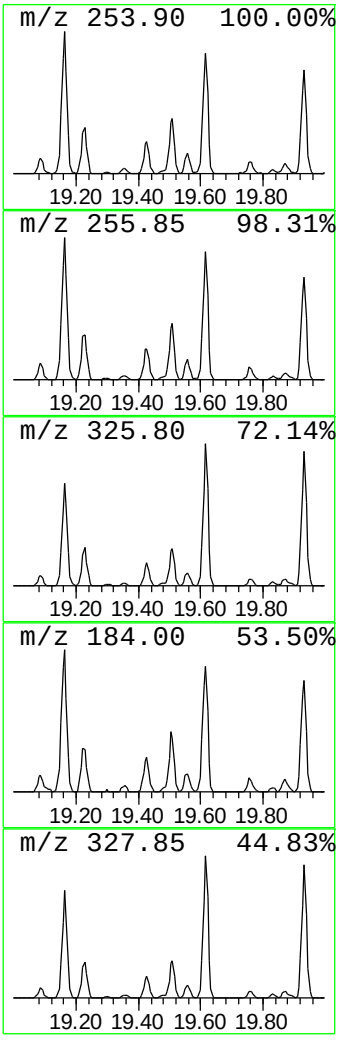
Peak Number 12 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	14.52 ng/ul	356738	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	94





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ClientSampleId : C0AQ9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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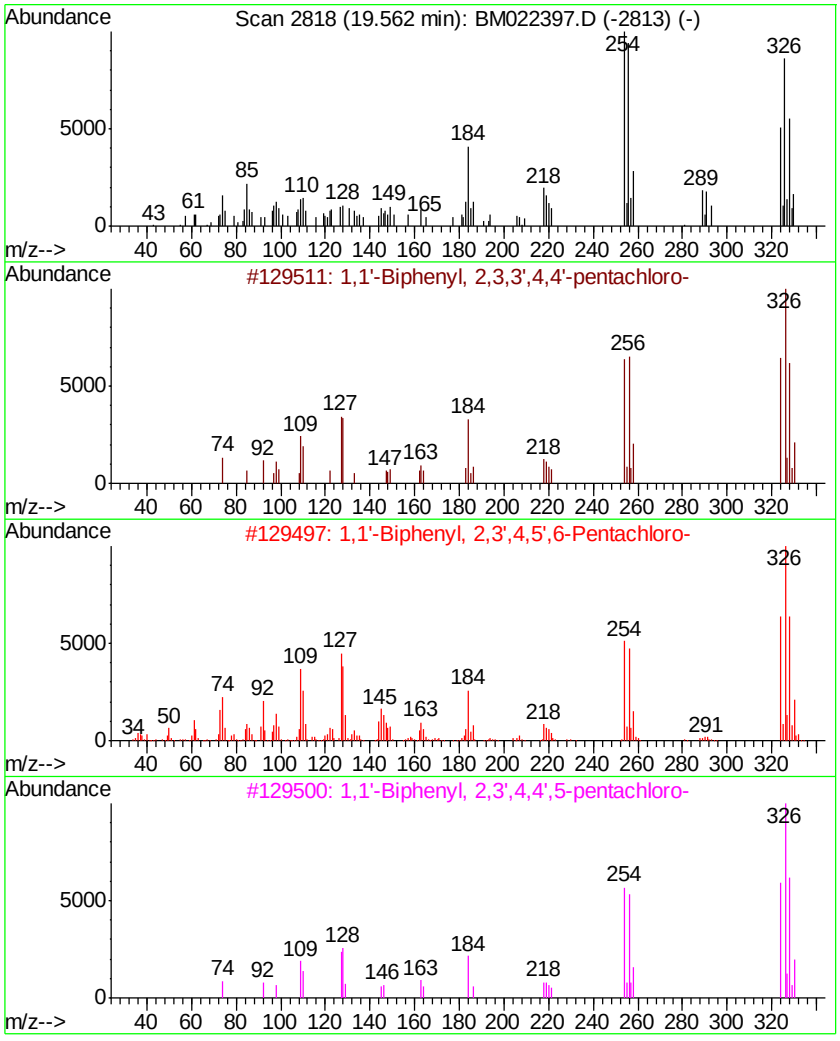
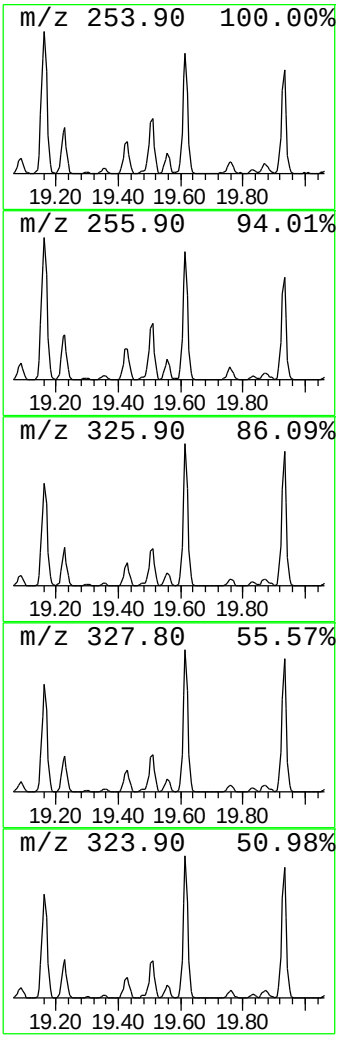
Peak Number 13 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	4.76 ng/ul	116931	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
2	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
4	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	95
5	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	94





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Instrument : BNA_M
ClientSampleId : C0AQ9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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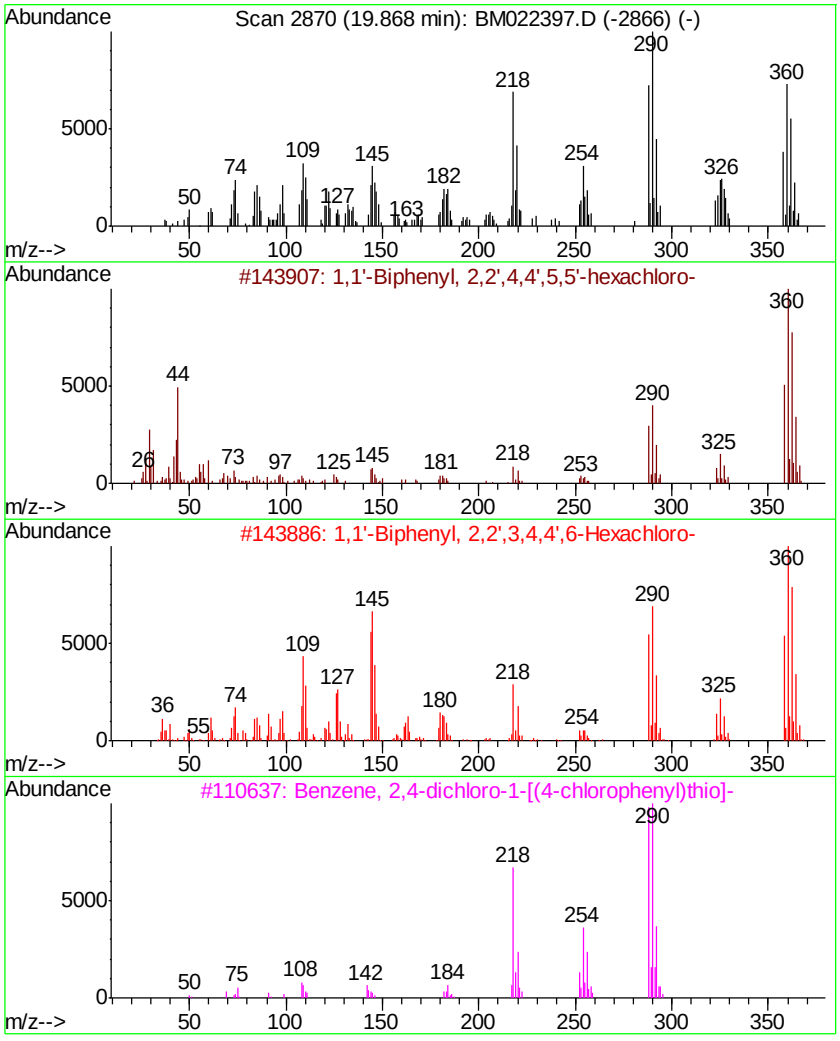
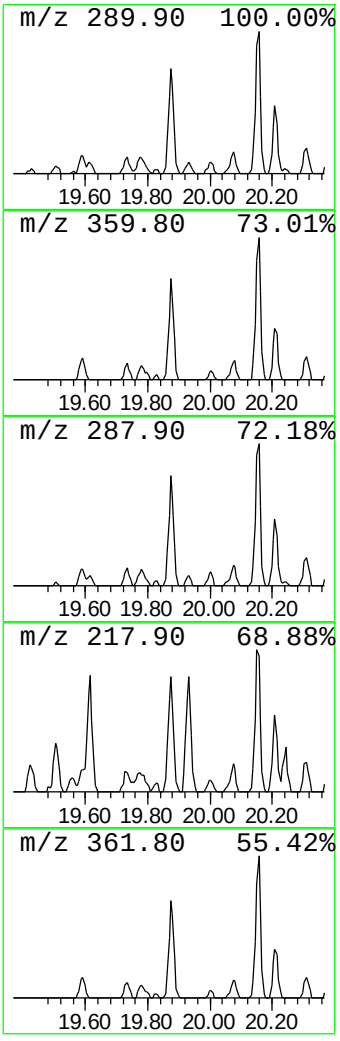
Peak Number 16 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	14.12 ng/ul	346861	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	95
3	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	94
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	93
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	93





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AQ9

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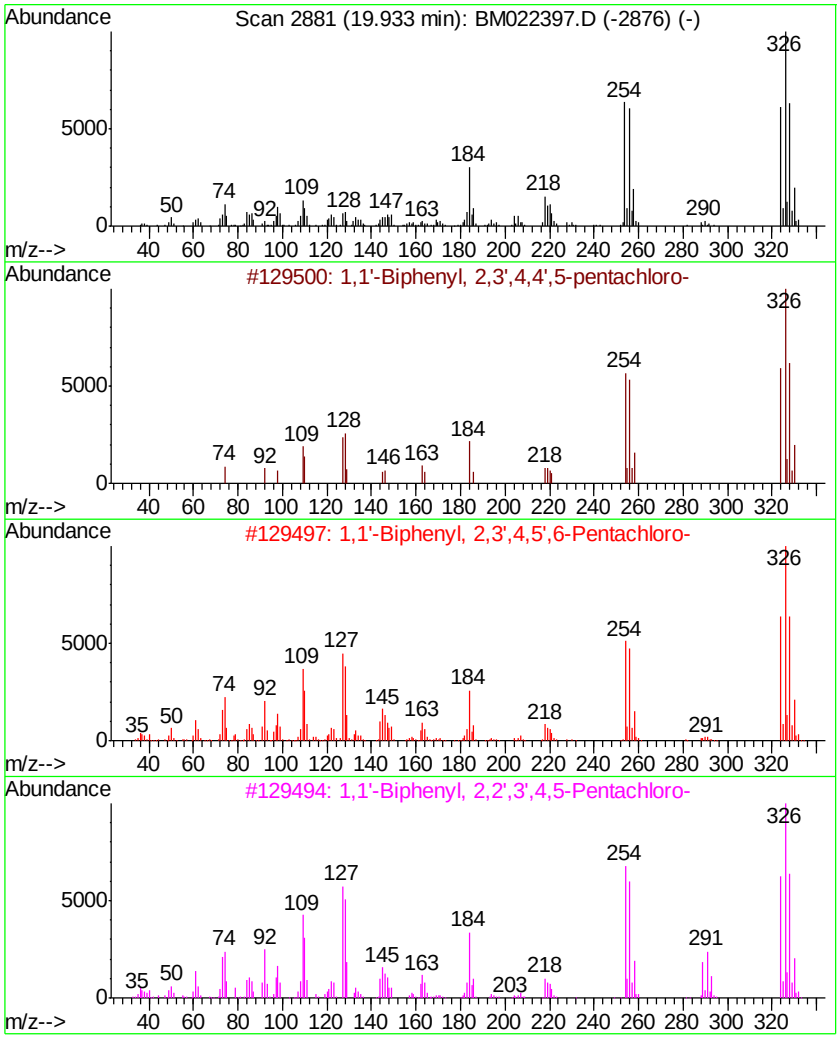
Quant Title : SVOA CALIBRATION

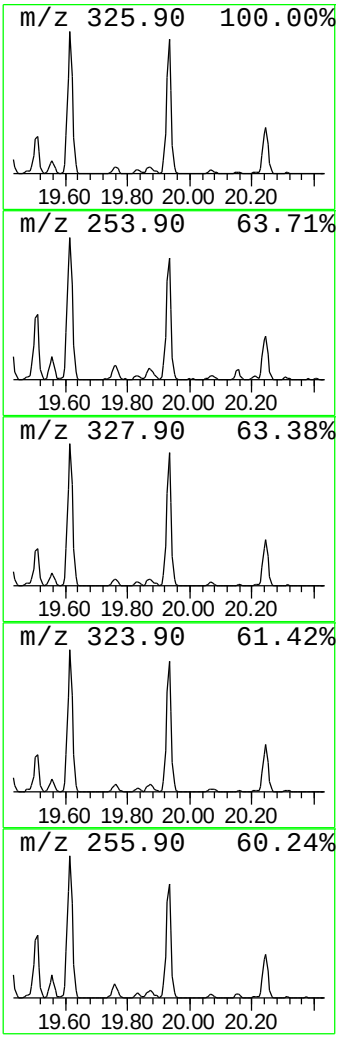
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	29.11 ng/ul	715257	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95





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Quant Title : SVOA CALIBRATION

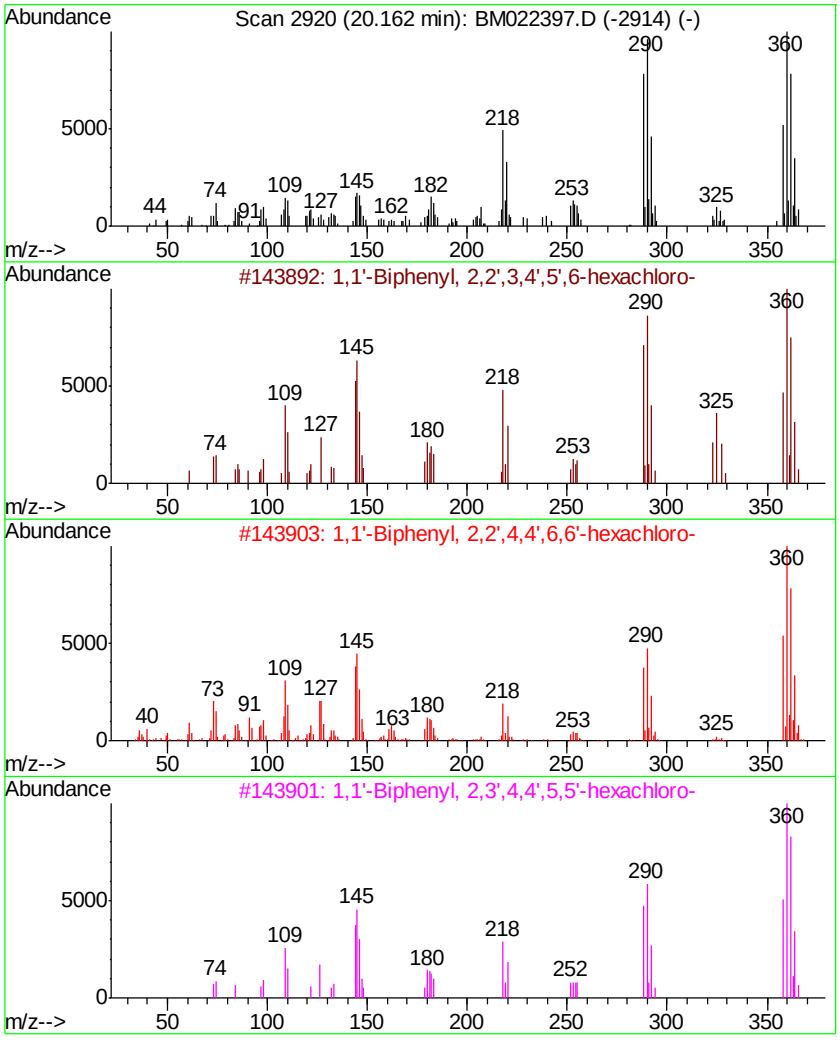
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

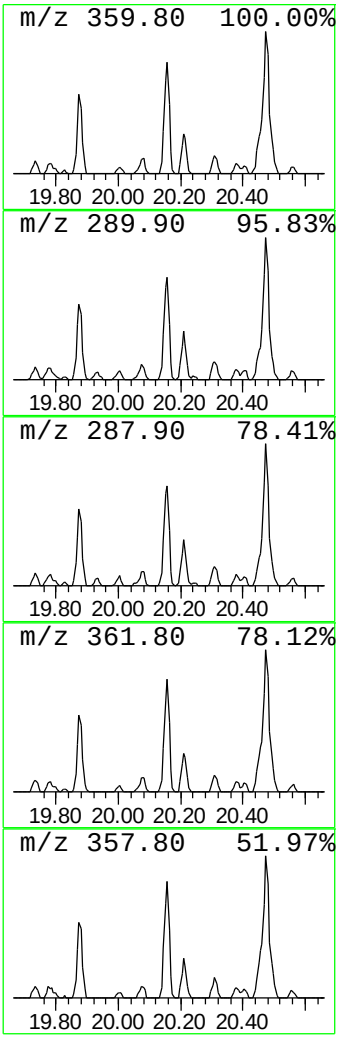
****

Peak Number 19 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	15.17 ng/ul	372718	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	94
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	94
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	94
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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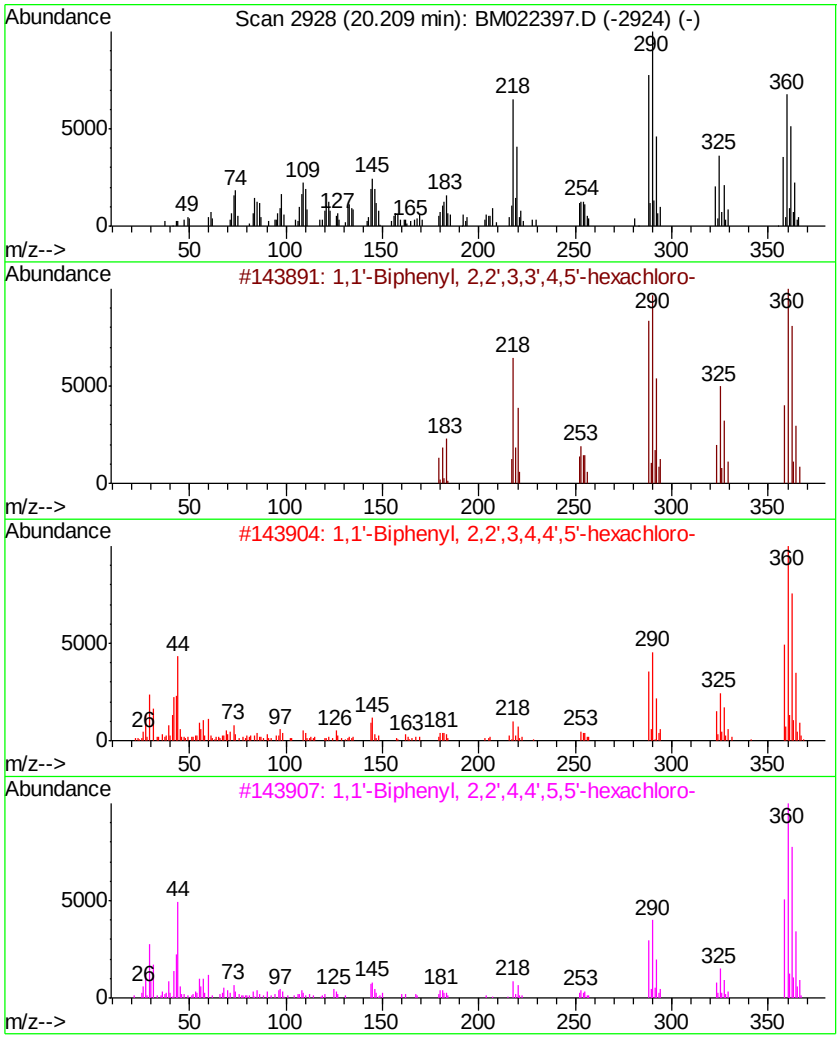
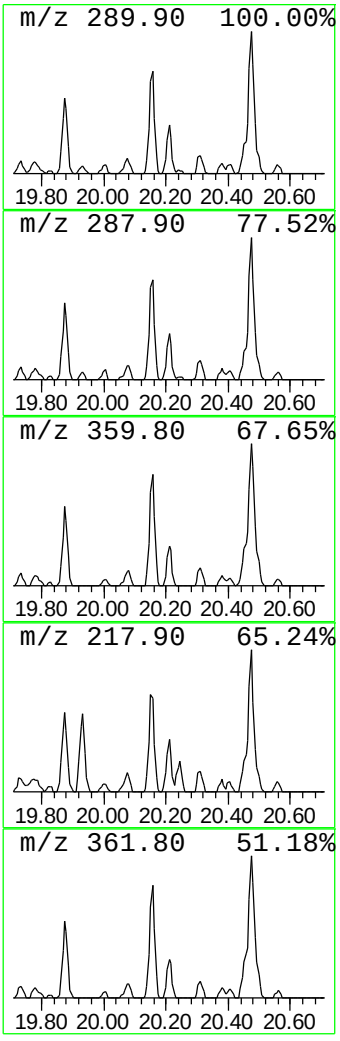
Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	7.28 ng/ul	178869	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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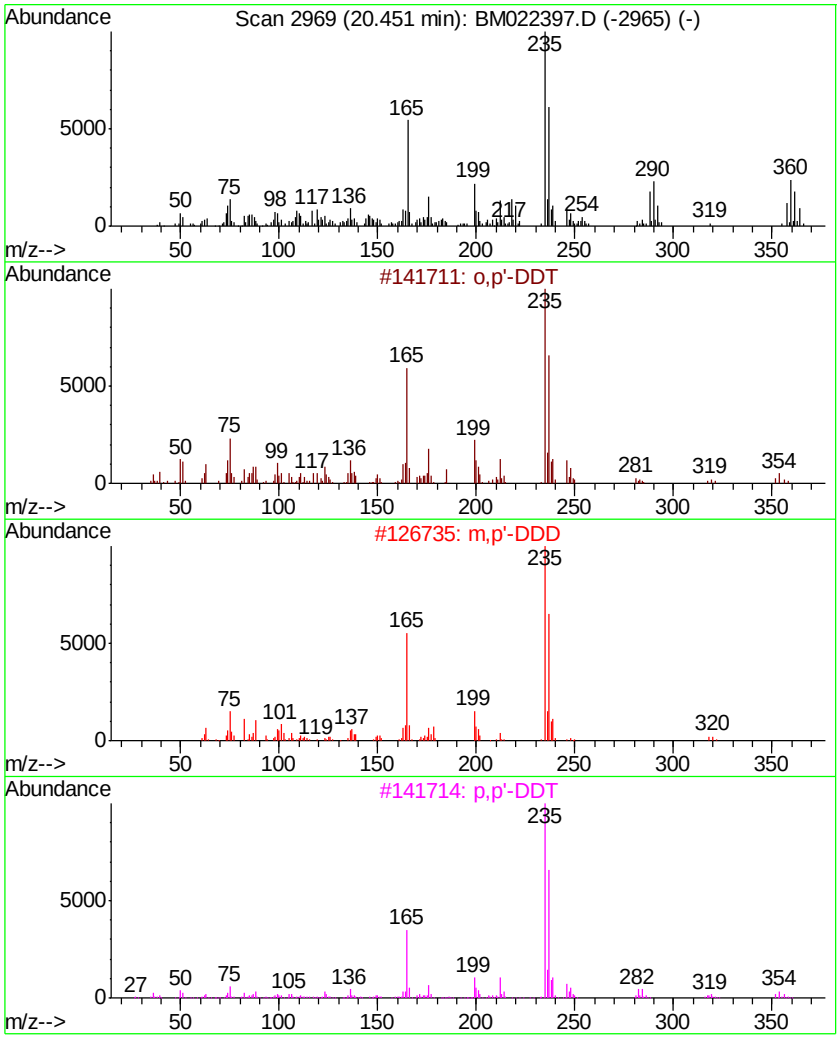
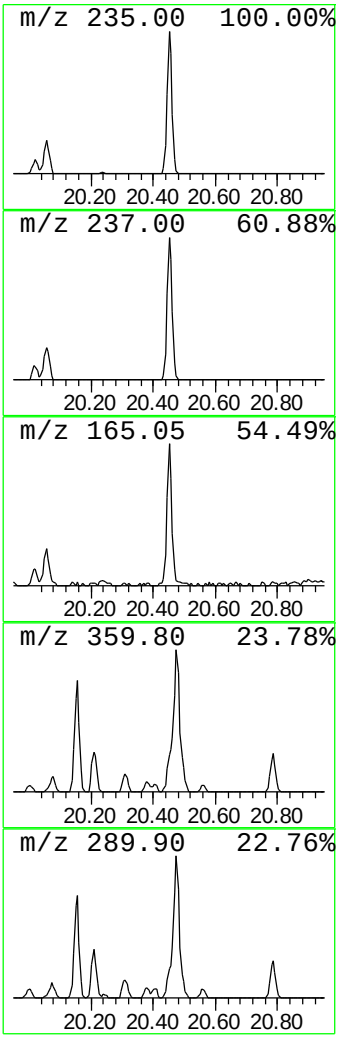
Peak Number 23 o,p'-DDT Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	15.19 ng/ul	373088	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDT	352	C14H9Cl5	000789-02-6	64
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	58
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	58
4	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	58
5	p,p'-DDT	352	C14H9Cl5	000050-29-3	58





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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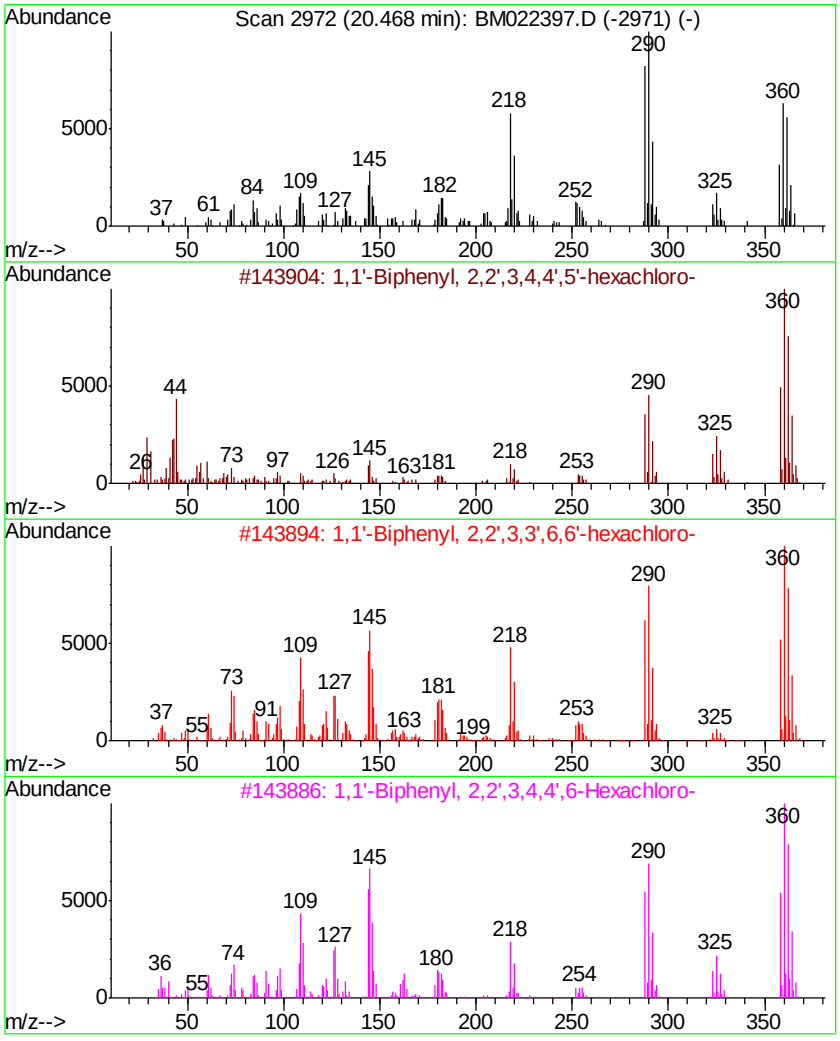
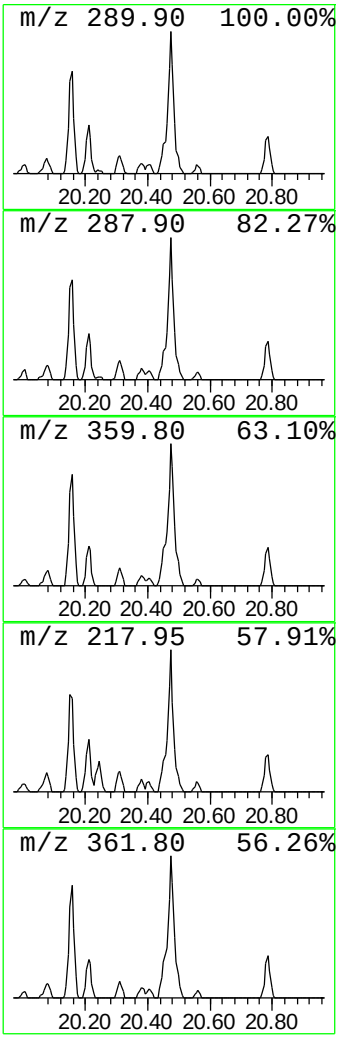
Peak Number 24 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	20.65 ng/ul	507425	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	94
4	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	94
5	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

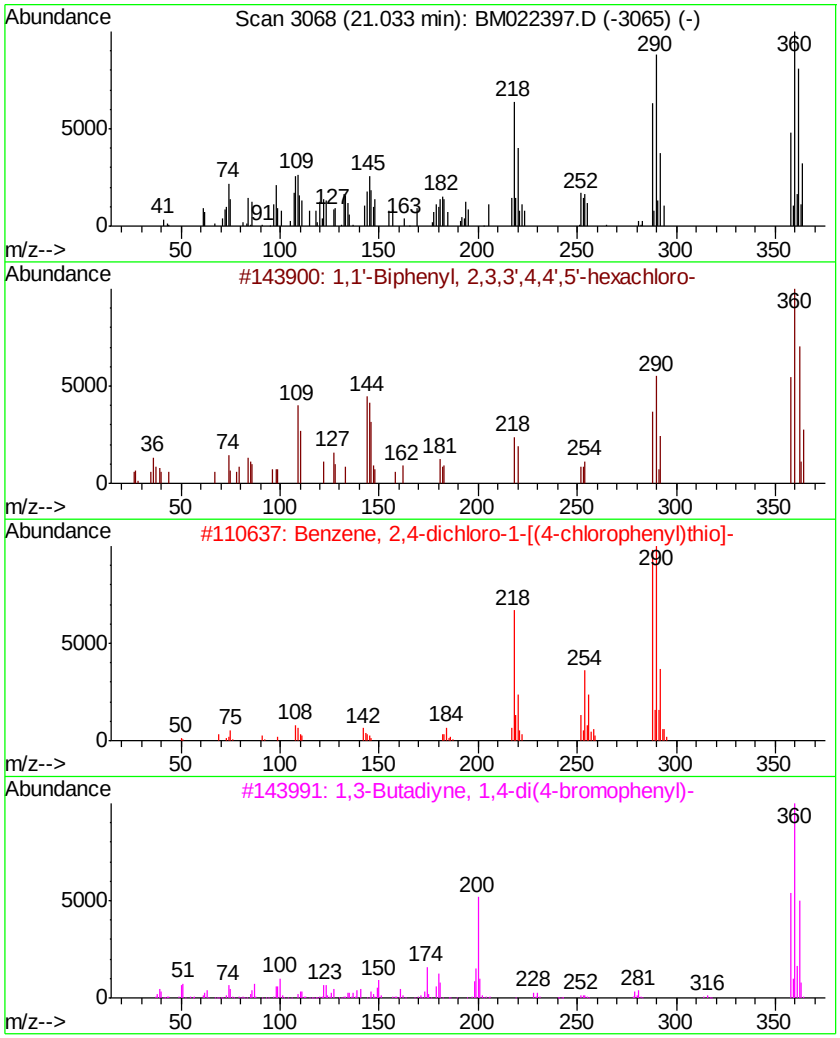
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

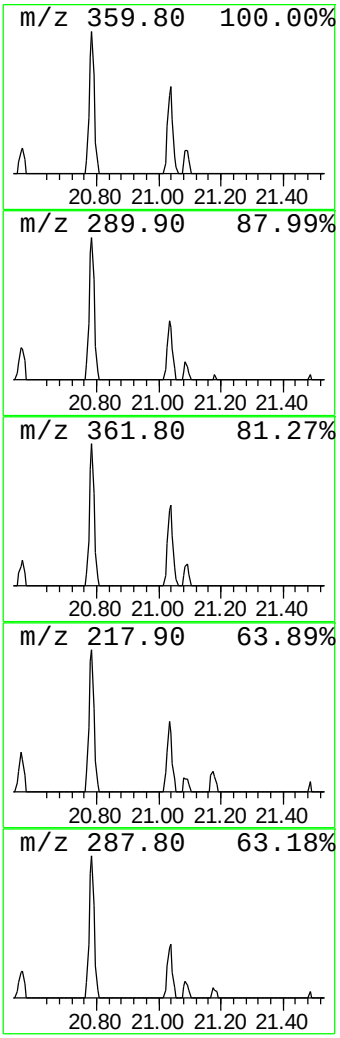
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.53 ng/ul	62044	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	93
2	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	22
3	1,3-Butadiyne, 1,4-di(4-bromophe...	358	C16H8Br2	000959-88-6	20
4	3-Bromo-5,7-dichloro-1-methylnap...	288	C11H7BrCl2	055058-84-9	20
5	Pyridine-3-carbonitrile, 2-(2-ch...	360	C17H10ClFN2S2	298687-66-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\
Data File : BM022397.D
Acq On : 29 Aug 2019 00:19
Operator : HP/JU
Sample : K4556-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.02	3.1	ng/ul	24565	1	7.54	158687	20.0
1,1'-Biphenyl, 2,...	18.02	20.6	ng/ul	375956	4	16.96	365171	20.0
1,1'-Biphenyl, 2,...	18.08	4.0	ng/ul	73728	4	16.96	365171	20.0
1,1'-Biphenyl, 2,...	18.31	7.1	ng/ul	128954	4	16.96	365171	20.0
1,1'-Biphenyl, 2,...	18.80	2.7	ng/ul	49687	4	16.96	365171	20.0
(2,3,4,5-Tetrachl...	18.96	3.4	ng/ul	62517	4	16.96	365171	20.0
1,1'-Biphenyl, 2,...	19.09	4.9	ng/ul	120532	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	19.16	35.9	ng/ul	881323	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	19.23	11.3	ng/ul	276573	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	19.50	14.5	ng/ul	356738	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	19.56	4.8	ng/ul	116931	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	19.87	14.1	ng/ul	346861	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	19.93	29.1	ng/ul	715257	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	20.16	15.2	ng/ul	372718	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	20.21	7.3	ng/ul	178869	5	21.17	491361	20.0
o,p'-DDT	20.45	15.2	ng/ul	373088	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	20.47	20.6	ng/ul	507425	5	21.17	491361	20.0
1,1'-Biphenyl, 2,...	21.03	2.5	ng/ul	62044	5	21.17	491361	20.0