LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

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-BM102319MA.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	3.046	8	10	13	rVB2	57382	58856	0.89%	0.052%
2	3.087	13	17	22	rVB	1267541	1243076	18.73%	1.097%
3	3.410	70	72	77	rVB	100523	116894	1.76%	0.103%
4	3.787	134	136	142	rVB4	38369	50422	0.76%	0.045%
5	3.875	148	151	160	rVB3	72785	126317	1.90%	0.111%
6	5.175	368	372	377	rVB2	51629	74805	1.13%	0.066%
7	6.739	635	638	643	rVB2	30281	44907	0.68%	0.040%
8	6.798	643	648	655	rVB2	40895	77344	1.17%	0.068%
9	7.287	726	731	738	rVB4	46821	89151	1.34%	0.079%
10	7.634	783	790	801	rVV	2203644	3446137	51.93%	3.042%
11	7.781	811	815	821	rVB4	24666	45051	0.68%	0.040%
12	8.186	879	884	888	rVB3	23458	41529	0.63%	0.037%
13	8.739	970	978	983	rBV2	28185	56233	0.85%	0.050%
14	8.881	997	1002	1011	rVB4	40800	79025	1.19%	0.070%
15	10.416	1253	1263	1269	rVV	2911740	4915472	74.07%	4.339%
16	10.463	1269	1271	1281	rVV	164185	268076	4.04%	0.237%
17	11.469	1437	1442	1446	rBV5	32878	56962	0.86%	0.050%
18	11.874	1504	1511	1519	rBV3	45491	84966	1.28%	0.075%
19	12.086	1539	1547	1557	rVB	127364	233917	3.52%	0.206%
20	12.310	1580	1585	1592	rBV	81331	117094	1.76%	0.103%
21	12.698	1647	1651	1661	rBV8	18864	47609	0.72%	0.042%
22	12.845	1671	1676	1679	rVB	38367	55523	0.84%	0.049%
23	13.121	1717	1723	1736	rVB2	63601	184984	2.79%	0.163%
24	13.310	1750	1755	1759	rBV	72913	129513	1.95%	0.114%
25	13.445	1772	1778	1781	rBV4	49722	94544	1.42%	0.083%
26	13.610	1801	1806	1810	rVB2	63208	103072	1.55%	0.091%
27	13.657	1810	1814	1820	rBV3	52683	80580	1.21%	0.071%
28	13.792	1832	1837	1841	rVV3	52140	82095	1.24%	0.072%
29	13.845	1841	1846	1850	rVB2	51273	79162	1.19%	0.070%
30	14.004	1869	1873	1880	rVB2	82617	124477	1.88%	0.110%
31	14.210	1903	1908	1913	rBV2	56860	95531	1.44%	0.084%
32	14.286	1913	1921	1927	rBV	4258329	6404006	96.50%	5.653%
33	14.345	1929	1931	1935	rVB	49709	57346	0.86%	0.051%
34	14.504	1951	1958	1968	rBV2	53742	151725	2.29%	0.134%

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Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

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-BM102319MA.M
Title : SVOA CALIBRATION

35	14.686	1984	1989	1998	rVB2	96857	184987	2.79%	0.163%
36	14.768	1999	2003	2008	rVB2	53958	74399	1.12%	0.066%
37	14.833	2010	2014	2020	rVB7	59311	88912	1.34%	0.078%
38	14.910	2023	2027	2032	rBV3	41945	67534	1.02%	0.060%
39	14.962	2033	2036	2040	rVB3	44681	57658	0.87%	0.051%
40	15.080	2051	2056	2060	rBV8	45872	86181	1.30%	0.076%
41	15.168	2067	2071	2075	rBV2	42518	61554	0.93%	0.054%
42	15.339	2095	2100	2104	rBV2	127073	190104	2.86%	0.168%
43	15.498	2124	2127	2133	rVV4	40797	57444	0.87%	0.051%
44	15.580	2133	2141	2145	rVV4	84384	185883	2.80%	0.164%
45	15.727	2162	2166	2169	rBV6	23622	43753	0.66%	0.039%
46	15.792	2172	2177	2182	rVB5	53488	118401	1.78%	0.105%
47	16.027	2214	2217	2219	rBV2	62949	81350	1.23%	0.072%
48	16.057	2219	2222	2229	rVB3	118955	180494	2.72%	0.159%
49	16.157	2235	2239	2243	rBV4	49876	68402	1.03%	0.060%
50	16.345	2268	2271	2275	rVB4	52622	61009	0.92%	0.054%
51	16.568	2305	2309	2313	rBV	244574	317847	4.79%	0.281%
52	16.827	2349	2353	2354	rBV2	49630	60737	0.92%	0.054%
53	16.915	2365	2368	2371	rBV	222480	264430	3.98%	0.233%
54	16.951	2371	2374	2381	rVB	238435	332709	5.01%	0.294%
55	17.033	2382	2388	2392	rBV2	4054743	5850591	88.16%	5.164%
56	17.074	2392	2395	2401	rVB	1370889	1797597	27.09%	1.587%
57	17.162	2408	2410	2414	rVB	74653	75673	1.14%	0.067%
58	17.215	2414	2419	2428	rBV	829223	1179386	17.77%	1.041%
59	17.492	2461	2466	2468	rBV	398158	526207	7.93%	0.464%
60	17.521	2468	2471	2475	rVV	359811	470428	7.09%	0.415%
61	17.556	2475	2477	2481	rVV2	101488	121552	1.83%	0.107%
62	17.645	2484	2492	2498	rVB	2959912	5145383	77.53%	4.542%
63	17.751	2505	2510	2518	rVB2	1154023	1641178	24.73%	1.449%
64	17.833	2519	2524	2528	rBV	371209	511403	7.71%	0.451%
65	17.886	2529	2533	2539	rVV2	588794	1072317	16.16%	0.947%
66	17.945	2539	2543	2550	rVB2	634627	1162024	17.51%	1.026%
67	18.051	2556	2561	2565	rBV	374373	531698	8.01%	0.469%
68	18.109	2565	2571	2577	rVV	4645018	6636261	100.00%	5.858%
69	18.168	2577	2581	2585	rVV	3428069	4547653	68.53%	4.014%
70	18.215	2585	2589	2594	rVB	2223190	2793197	42.09%	2.466%
71	18.398	2614	2620	2624	rBV	3306071	4774309	71.94%	4.214%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

72	18.445	2624	2628	2633	rVV	1280487	1739298	26.21%	1.535%
73	18.498	2634	2637	2640	rVV	206385	274938	4.14%	0.243%
74	18.539	2640	2644	2646	rVV	1281073	1650049	24.86%	1.456%
75	18.574	2646	2650	2656	rVB	2031651	2671597	40.26%	2.358%
76	18.639	2657	2661	2662	rBV4	116219	146497	2.21%	0.129%
77	18.668	2662	2666	2671	rVB2	671536	914131	13.77%	0.807%
78	18.721	2672	2675	2677	rBV2	81186	90844	1.37%	0.080%
79	18.833	2689	2694	2698	rBV2	419553	710587	10.71%	0.627%
80	18.886	2698	2703	2707	rVV	1761490	2264342	34.12%	1.999%
81	18.933	2707	2711	2714	rVV	1802904	2721097	41.00%	2.402%
82	18.974	2714	2718	2725	rVB2	4158642	6027724	90.83%	5.321%
83	19.050	2726	2731	2734	rBV2	377270	500372	7.54%	0.442%
84	19.098	2734	2739	2745	rVB	2044959	2696855	40.64%	2.380%
85	19.186	2746	2754	2760	rBV2	1769594	3653992	55.06%	3.225%
86	19.245	2760	2764	2771	rVB	1795128	2625538	39.56%	2.318%
87	19.315	2771	2776	2780	rBV	835170	1061504	16.00%	0.937%
88	19.456	2792	2800	2805	rBV2	785309	1611707	24.29%	1.423%
89	19.509	2805	2809	2813	rVB	607742	744107	11.21%	0.657%
90	19.586	2819	2822	2827	rVB	628743	742581	11.19%	0.655%
91	19.639	2827	2831	2835	rBV2	512451	643963	9.70%	0.568%
92	19.697	2836	2841	2845	rVV	1769805	2320168	34.96%	2.048%
93	19.745	2846	2849	2852	rVB	243238	274900	4.14%	0.243%
94	19.839	2862	2865	2868	rVB2	280229	309056	4.66%	0.273%
95	19.956	2881	2885	2890	rVB2	620153	957483	14.43%	0.845%
96	20.009	2890	2894	2899	rBV	1546989	1832730	27.62%	1.618%
97	20.315	2943	2946	2950	rVB	634657	730358	11.01%	0.645%
98	21.227	3095	3101	3104	rBV2	3988693	5933820	89.42%	5.238%
99	21.262	3104	3107	3113	rVB	1058458	1337452	20.15%	1.181%
100	23.427	3469	3475	3483	rVB	3071349	5765669	86.88%	5.089%

Sum of corrected areas: 113290405

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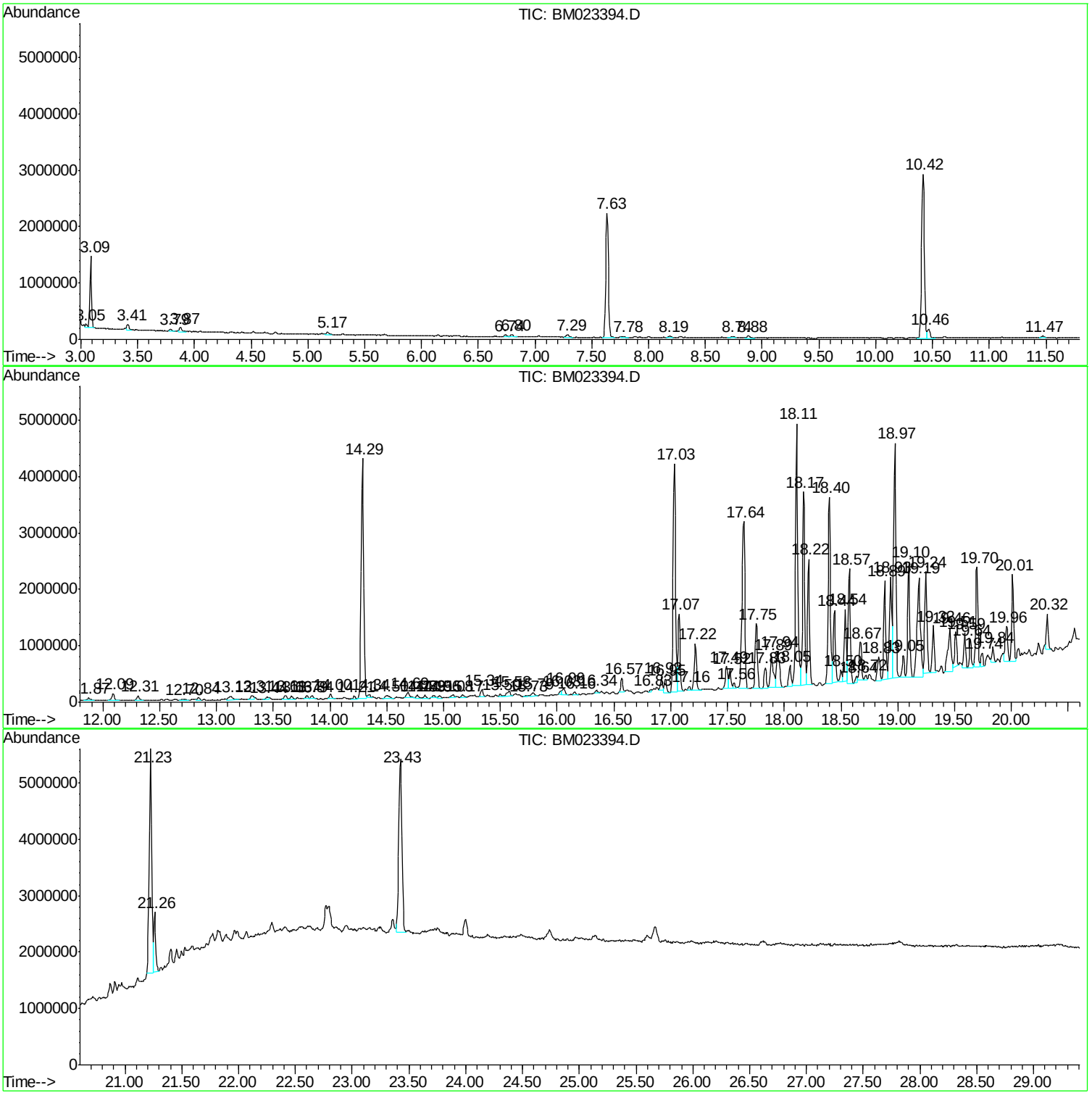
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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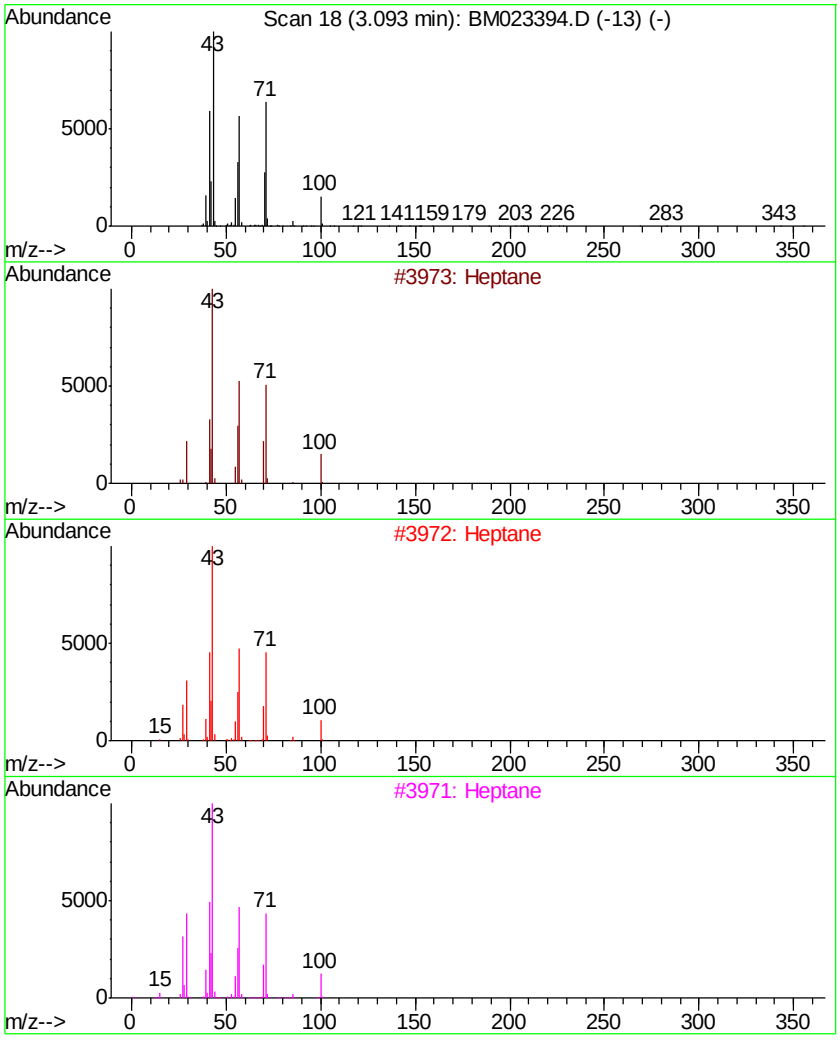
Quant Title : SVOA CALIBRATION

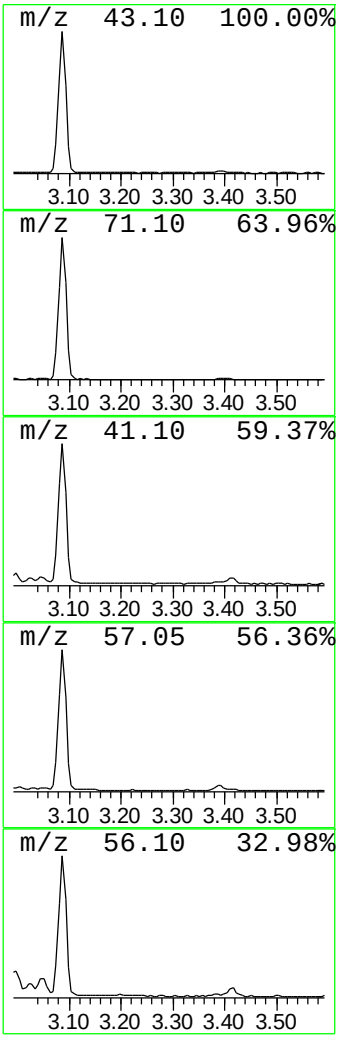
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	7.21 ng/ul	1243080	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40





Library Search Compound Report

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Data File : BM023394.D
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Misc :
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Instrument : BNA_M
ClientSampleId : BFB93

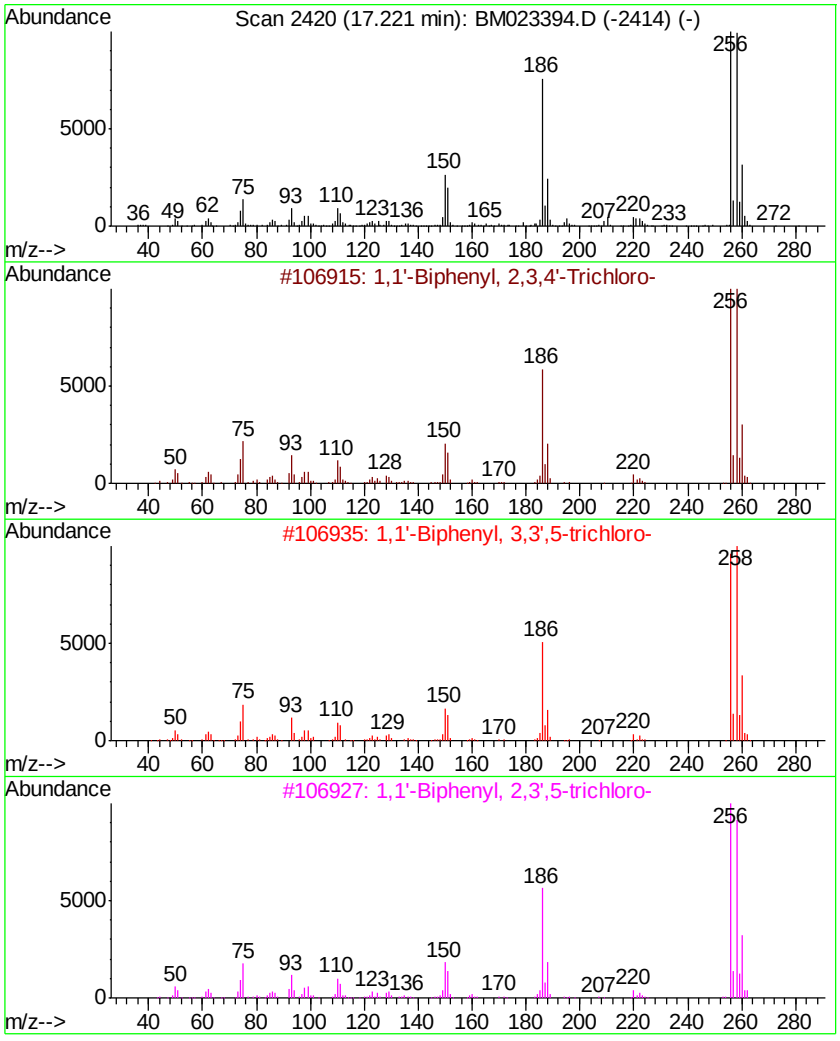
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

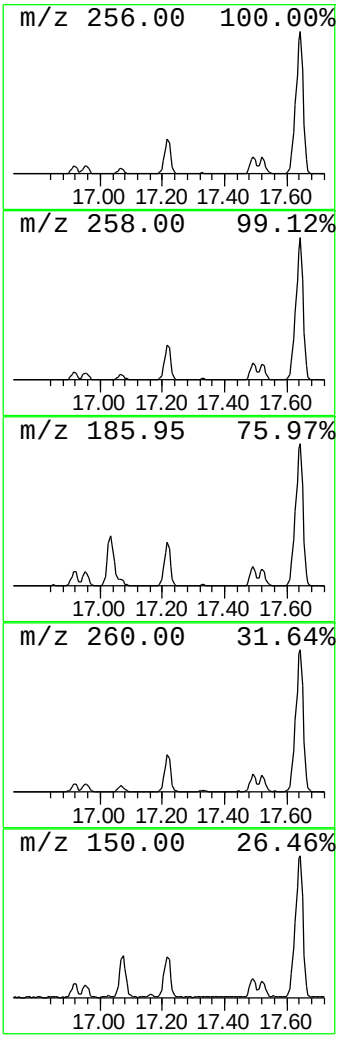
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.03 ng/ul	1179390	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	98
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98





Library Search Compound Report

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Instrument : BNA_M
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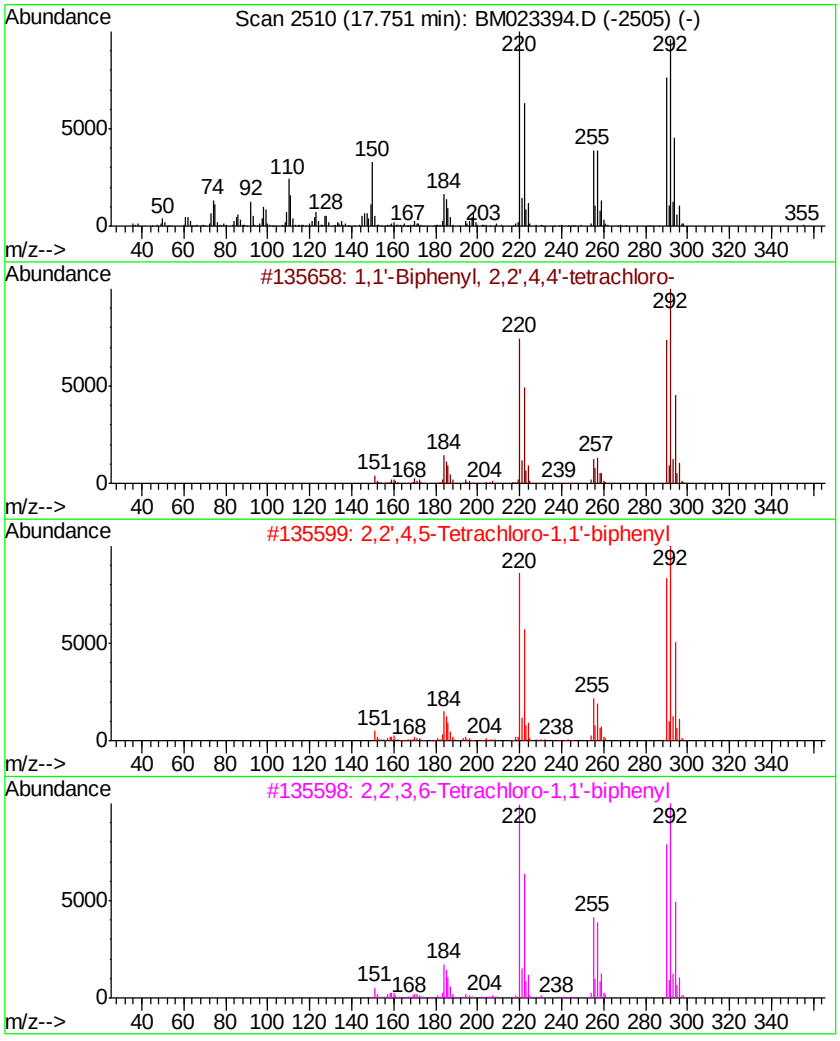
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

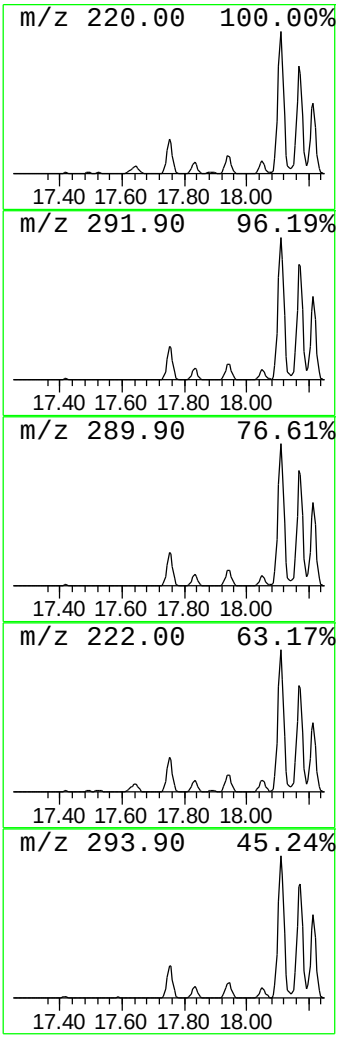
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	5.61 ng/ul	1641180	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	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





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Quant Title : SVOA CALIBRATION

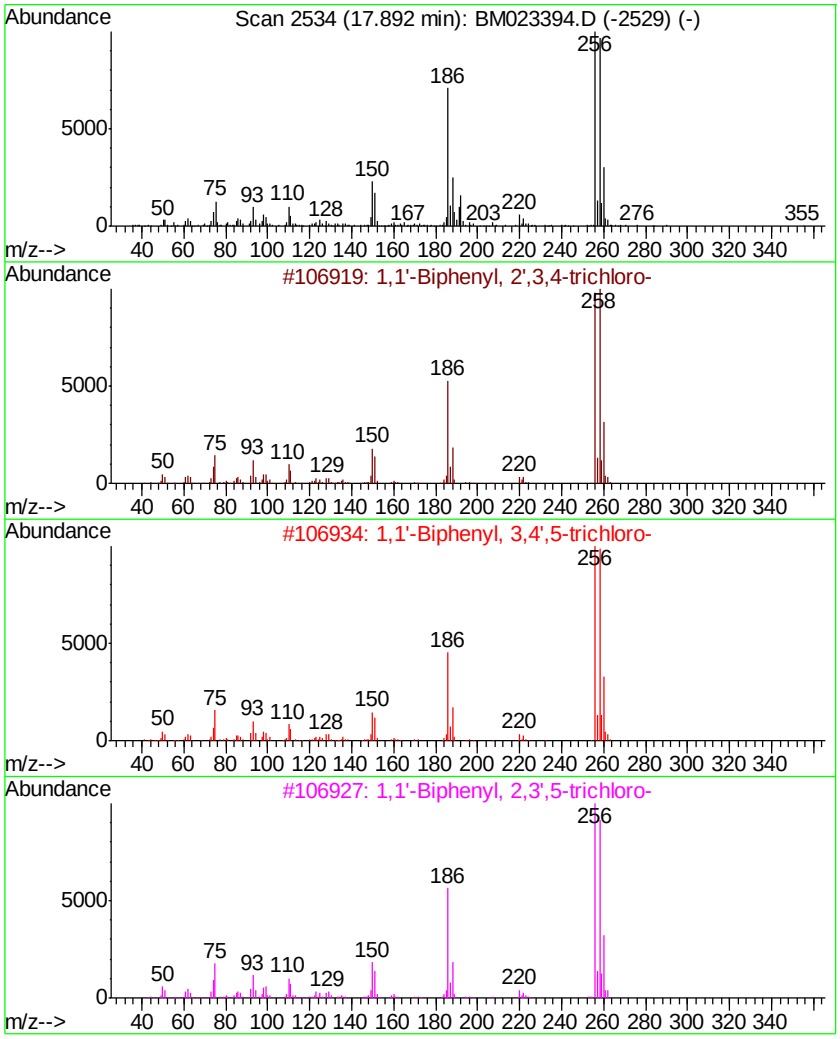
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

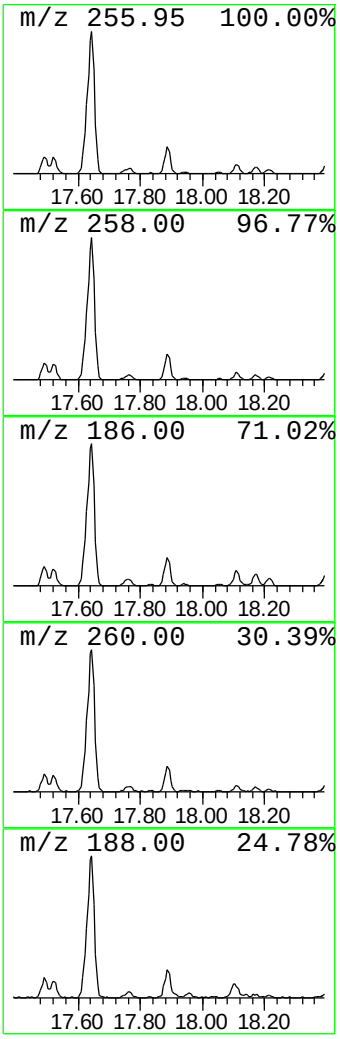
****

Peak Number 5 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.67 ng/ul	1072320	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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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Quant Title : SVOA CALIBRATION

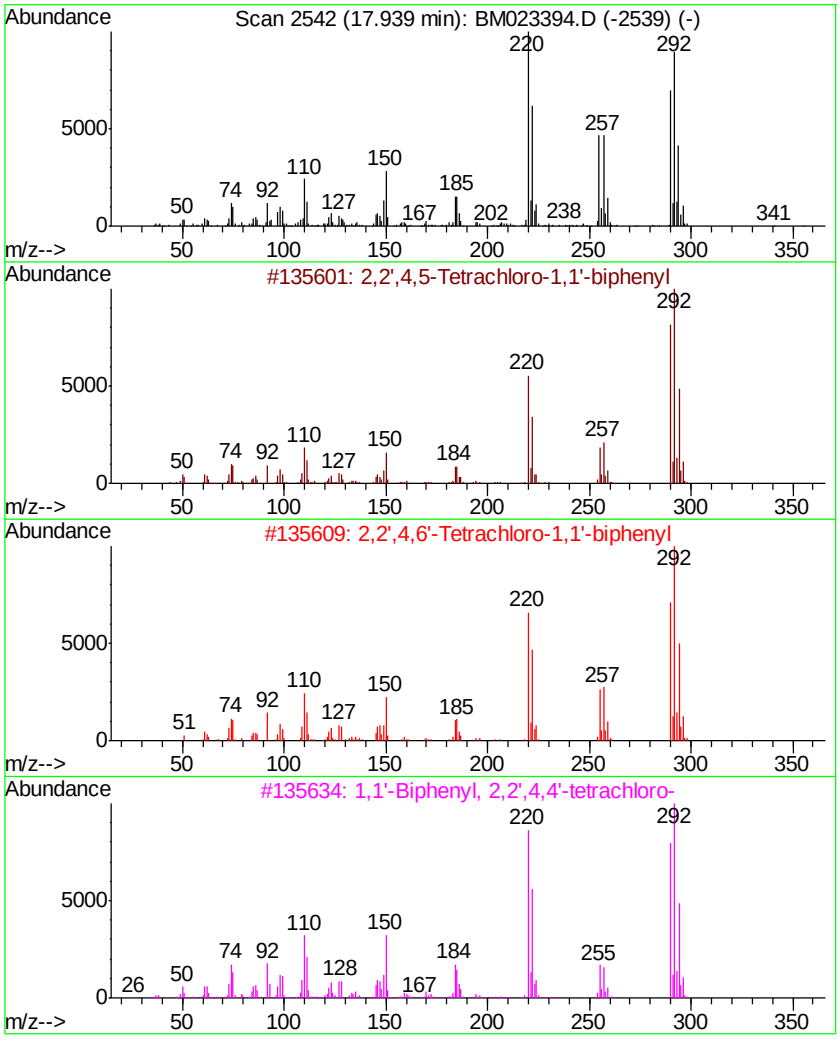
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

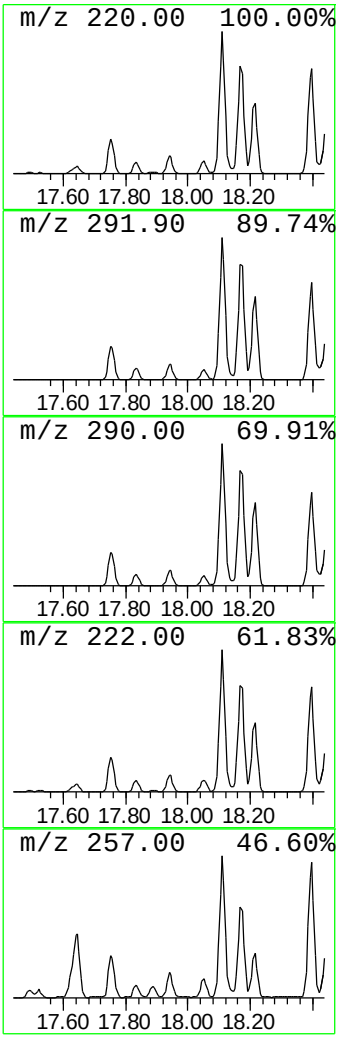
****

Peak Number 6 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.97 ng/ul	1162020	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





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Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

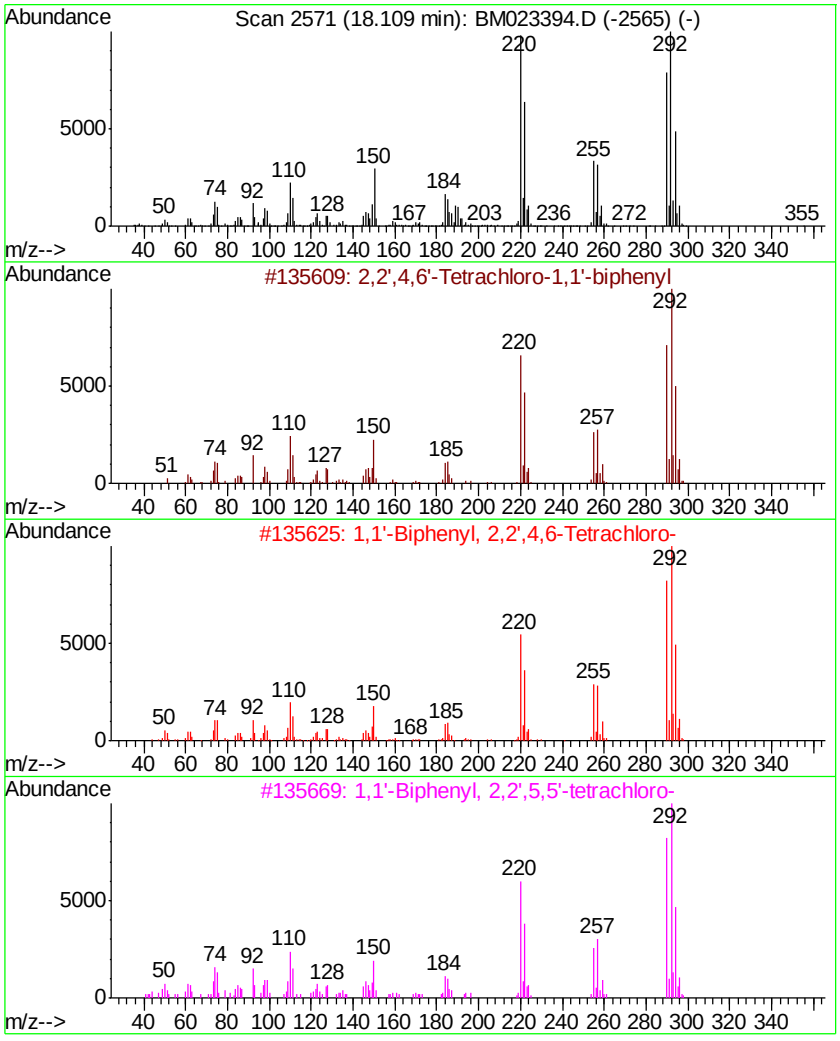
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

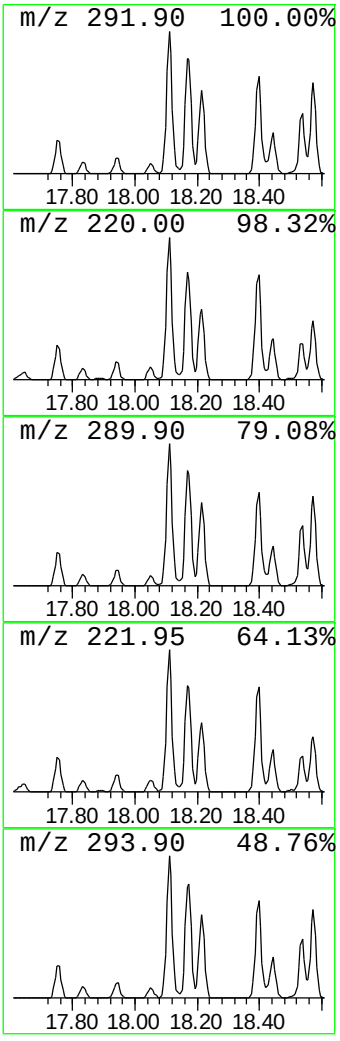
****

Peak Number 7 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	22.69 ng/ul	6636260	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, 2,2',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	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

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Quant Title : SVOA CALIBRATION

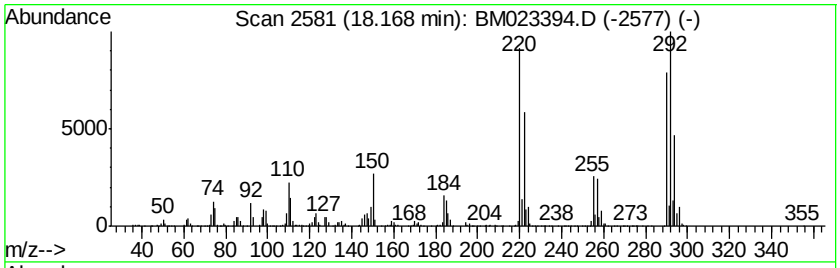
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

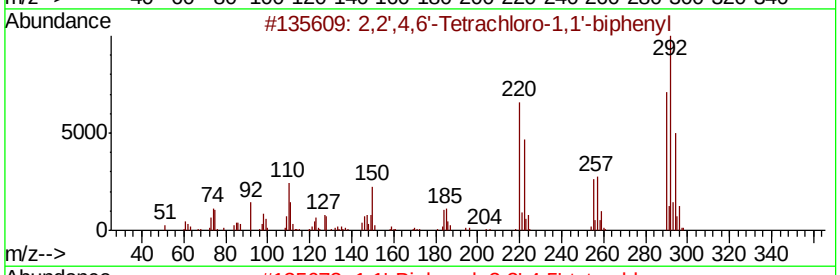
****

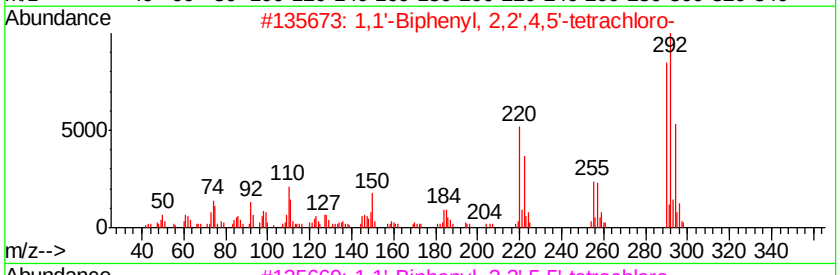
Peak Number 8 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 5

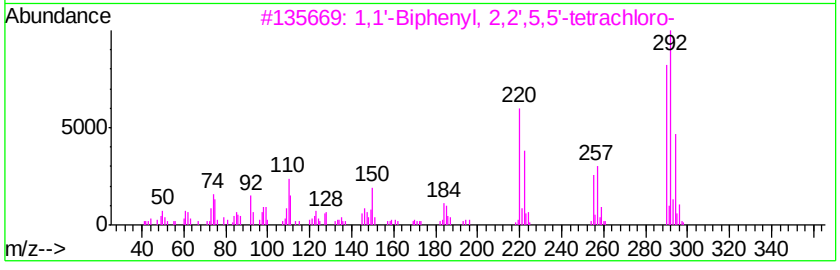
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	15.55 ng/ul	4547650	Phenanthrene-d10	17.03

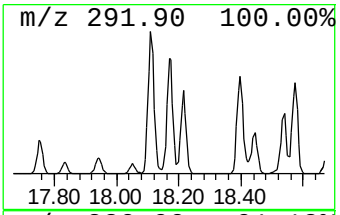
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99

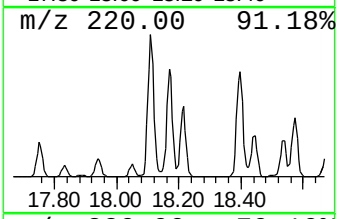


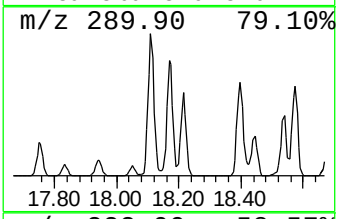


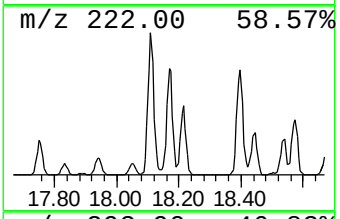


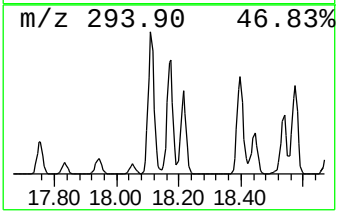












Library Search Compound Report

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Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

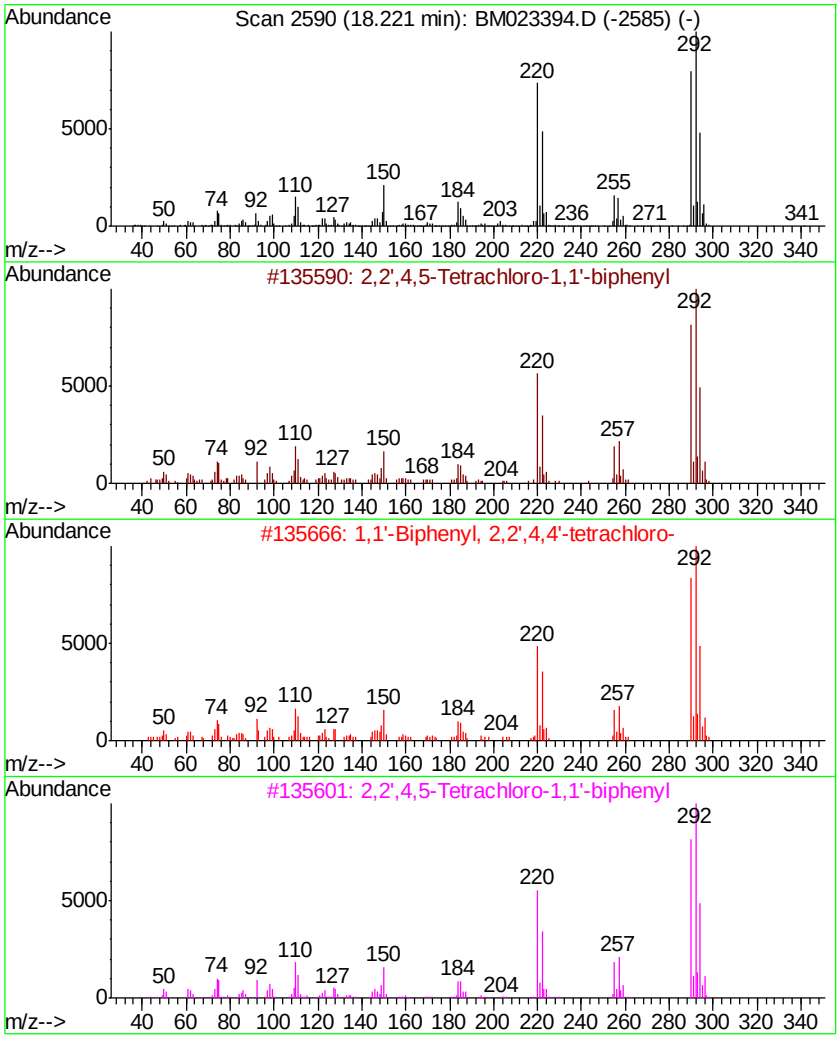
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

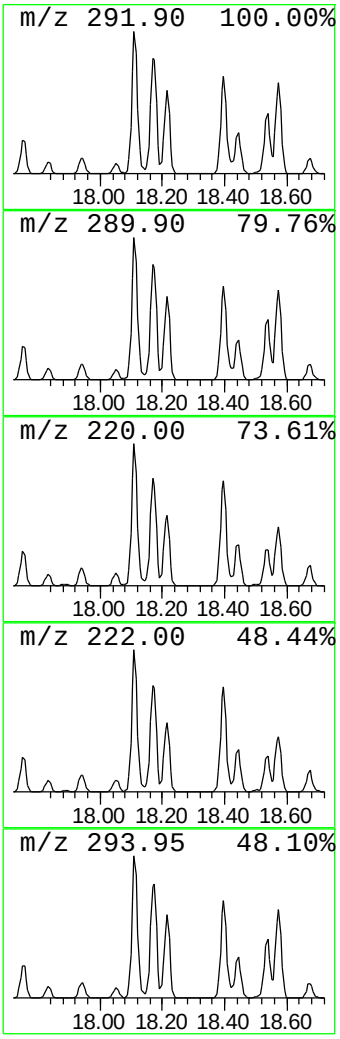
****

Peak Number 9 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	9.55 ng/ul	2793200	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Library Search Compound Report

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Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

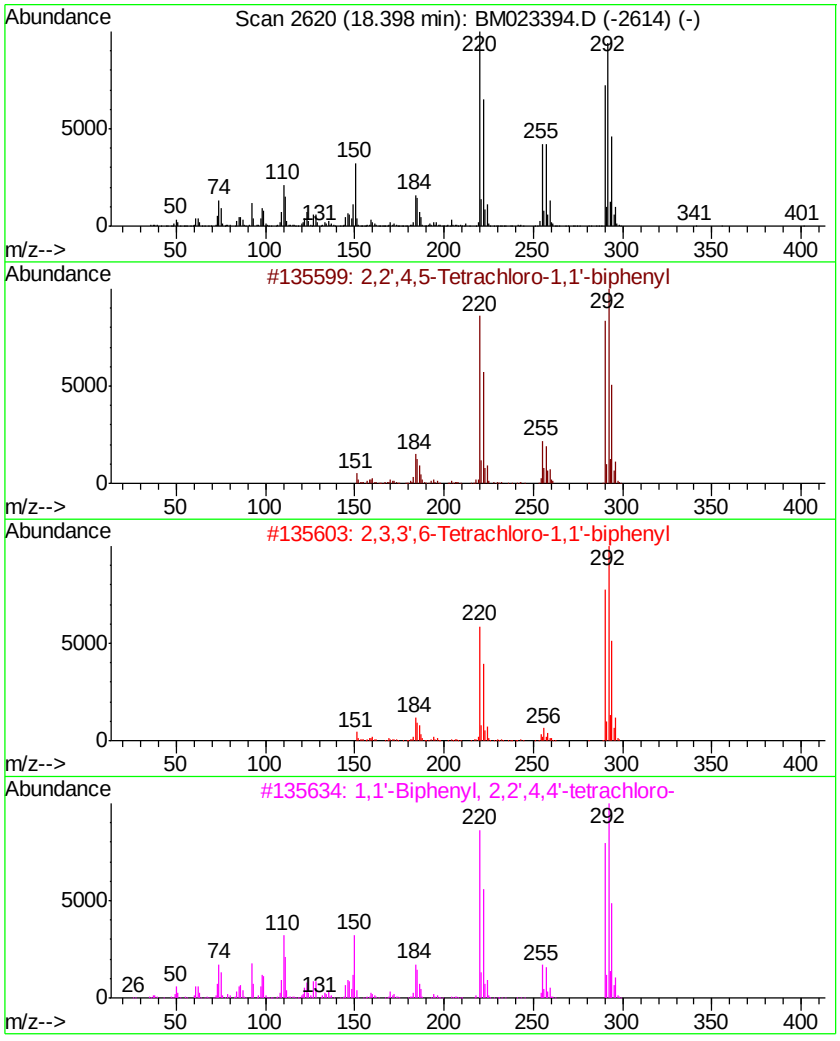
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

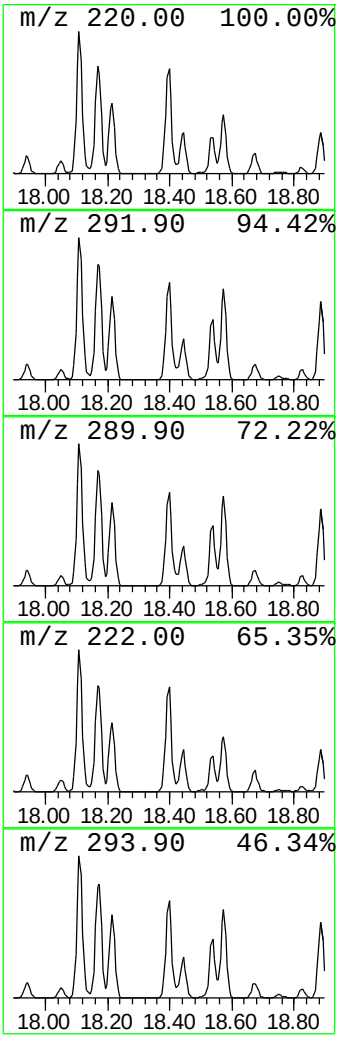
****

Peak Number 10 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	16.32 ng/ul	4774310	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	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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Instrument : BNA_M
ClientSampleId : BFB93

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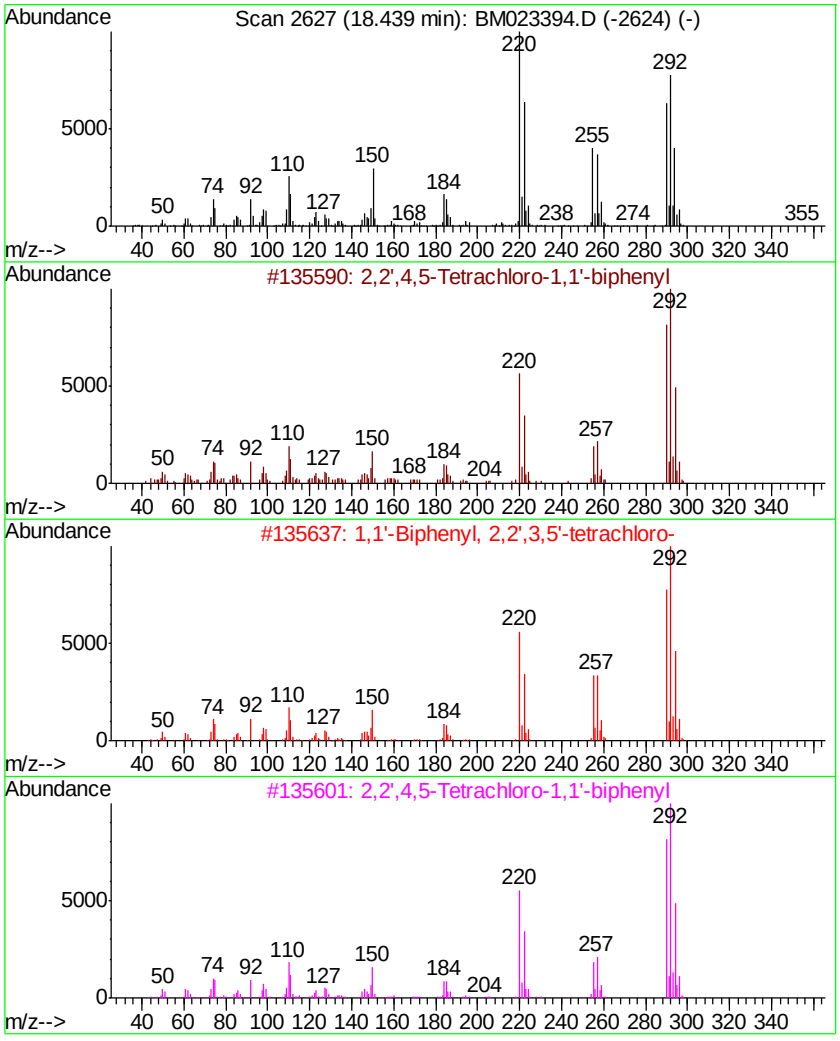
Quant Title : SVOA CALIBRATION

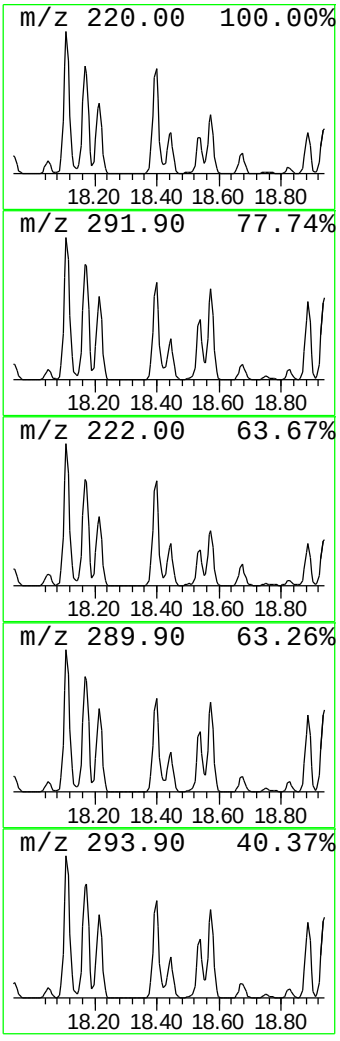
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	5.95 ng/ul	1739300	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Library Search Compound Report

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Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

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Quant Title : SVOA CALIBRATION

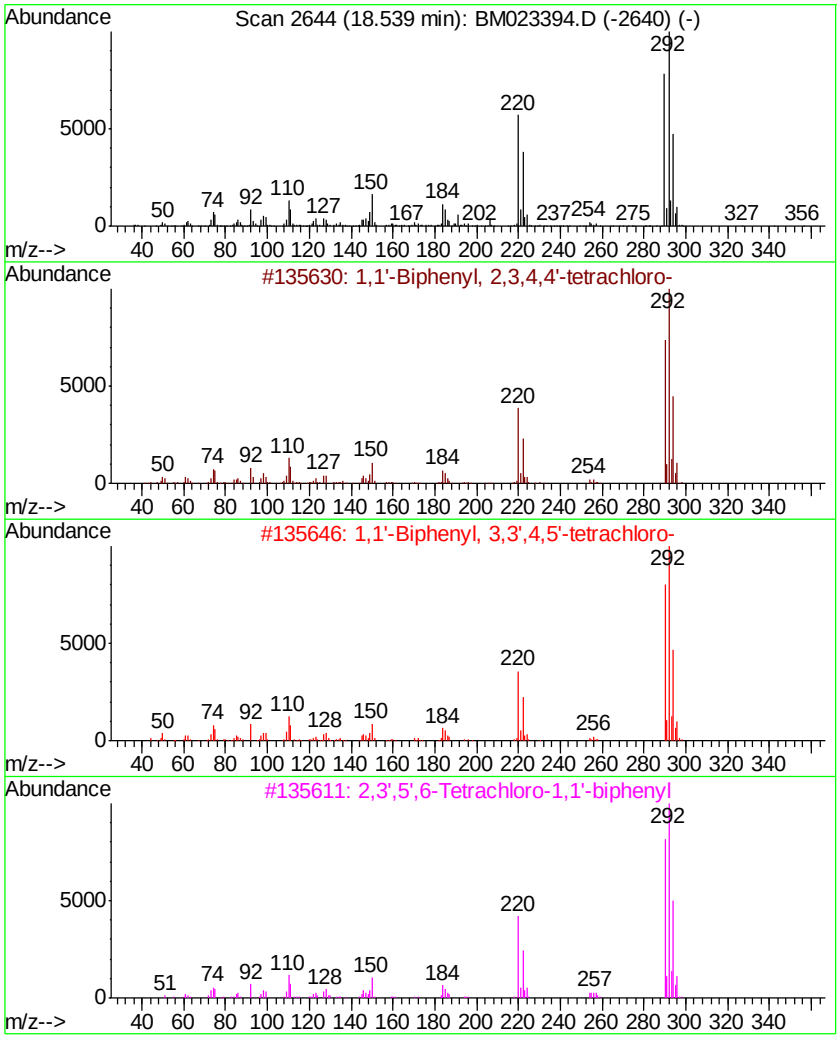
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

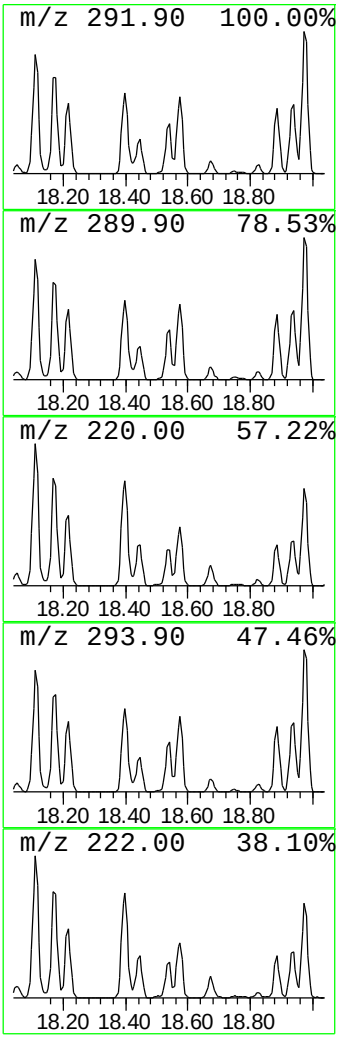
****

Peak Number 12 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	5.64 ng/ul	1650050	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

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Quant Title : SVOA CALIBRATION

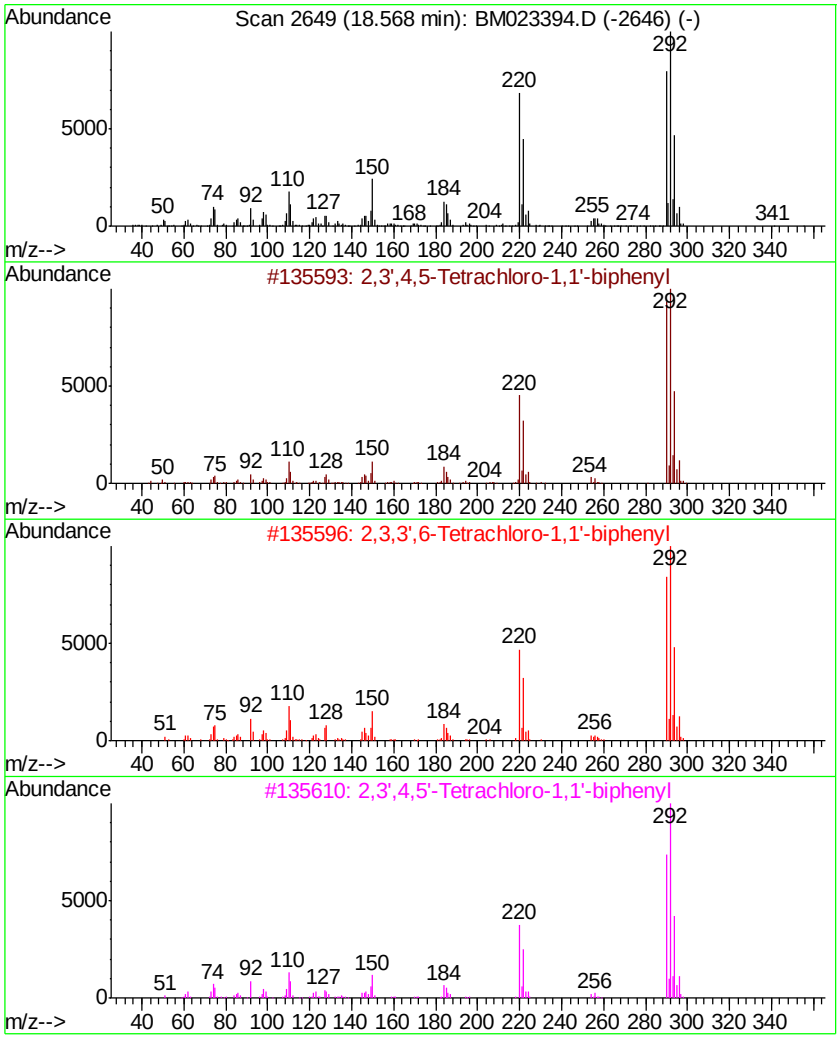
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

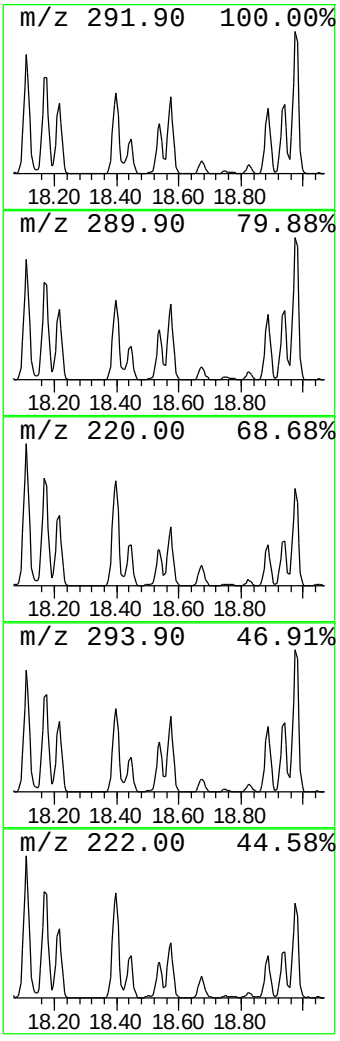
****

Peak Number 13 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	9.13 ng/ul	2671600	Phenanthrene-d10	17.03

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	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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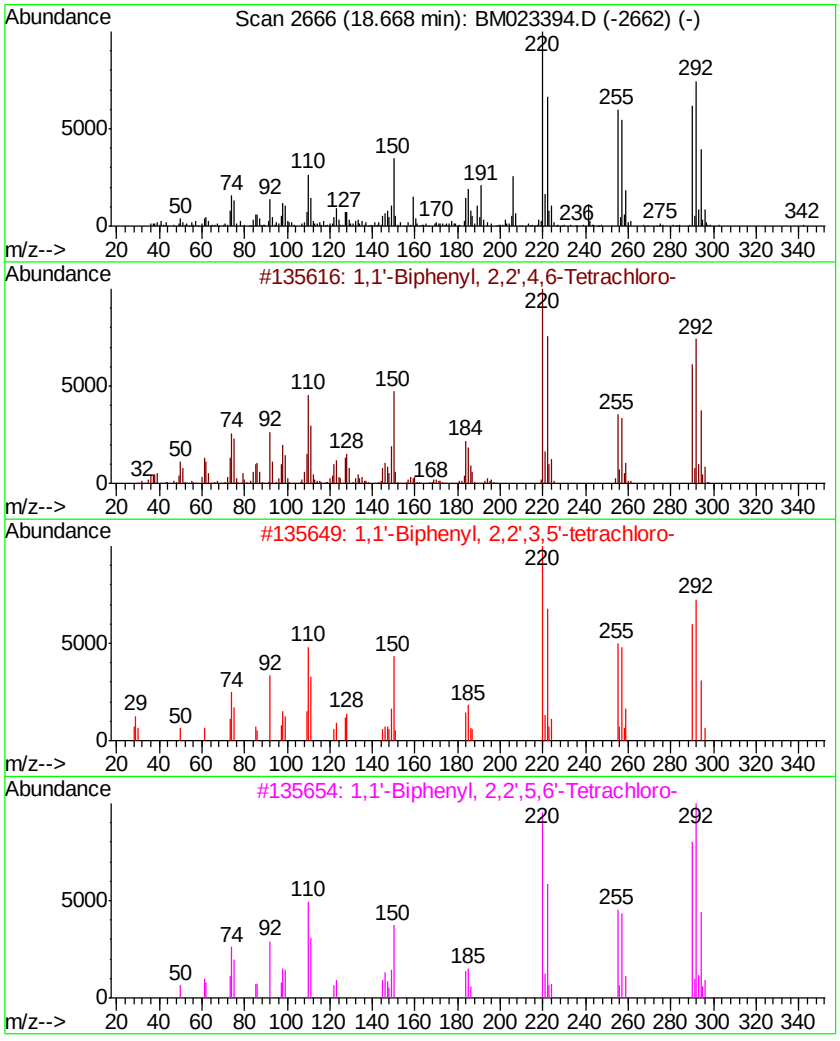
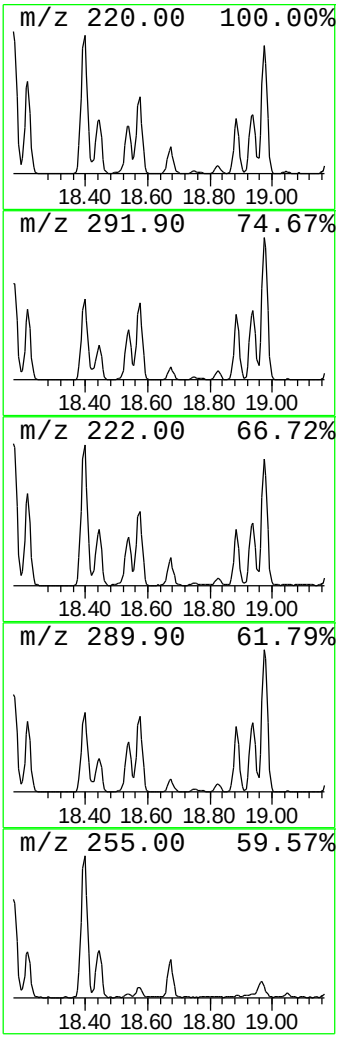
Peak Number 14 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.12 ng/ul	914131	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	97





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Instrument : BNA_M
ClientSampleId : BFB93

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Quant Title : SVOA CALIBRATION

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

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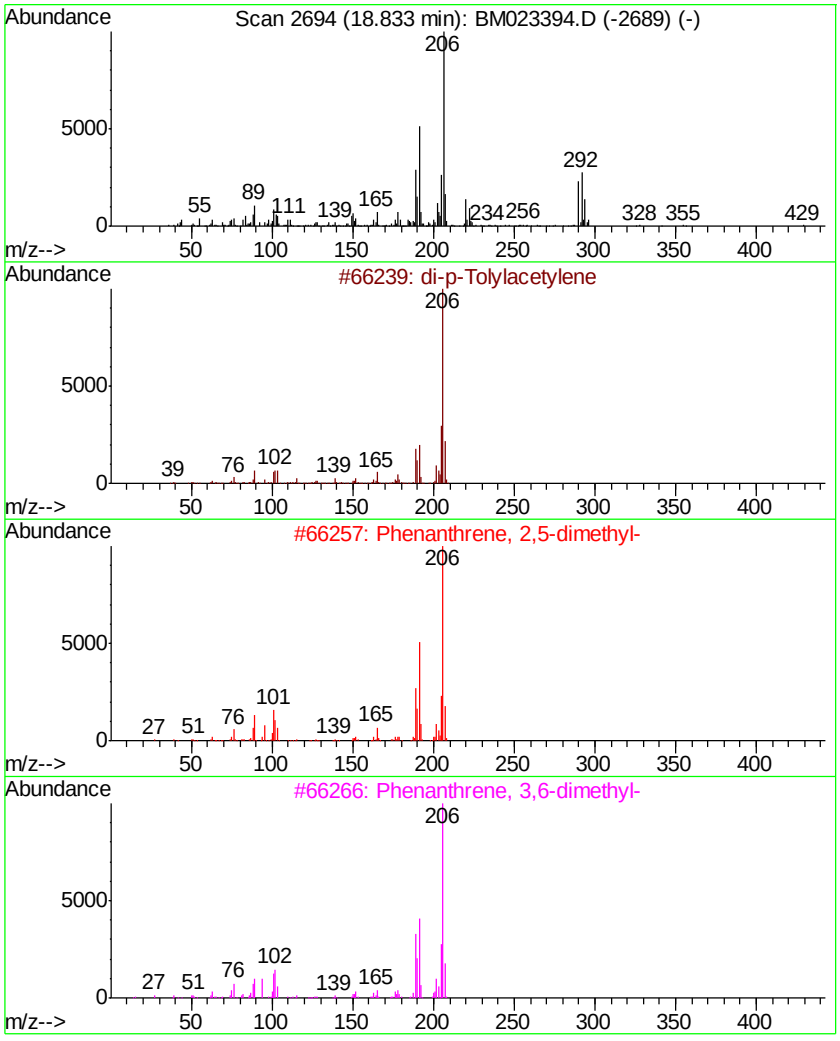
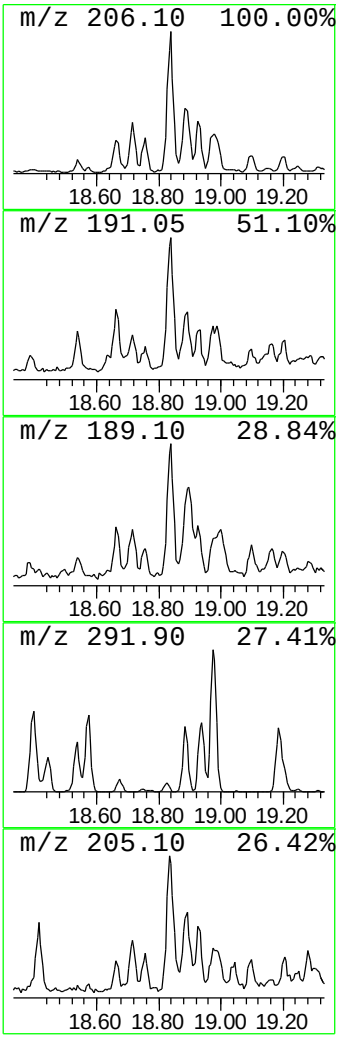
Peak Number 15 di-p-Tolylacetylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.43 ng/ul	710587	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





Library Search Compound Report

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Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

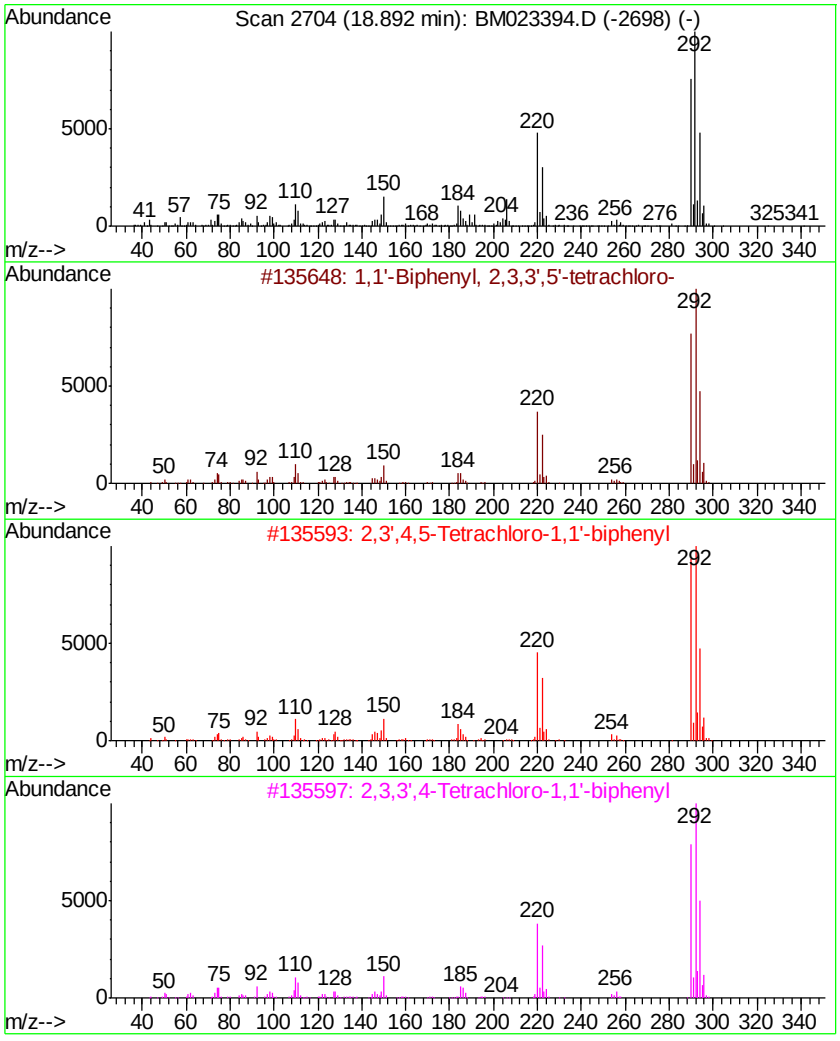
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

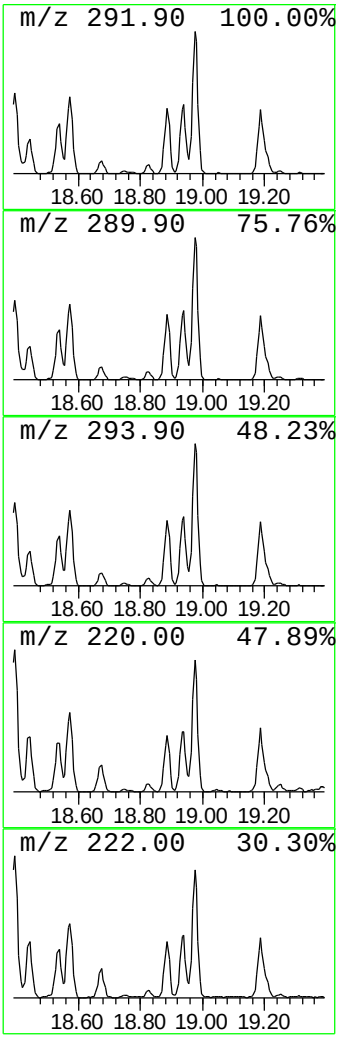
****

Peak Number 16 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	7.74 ng/ul	2264340	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99





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Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

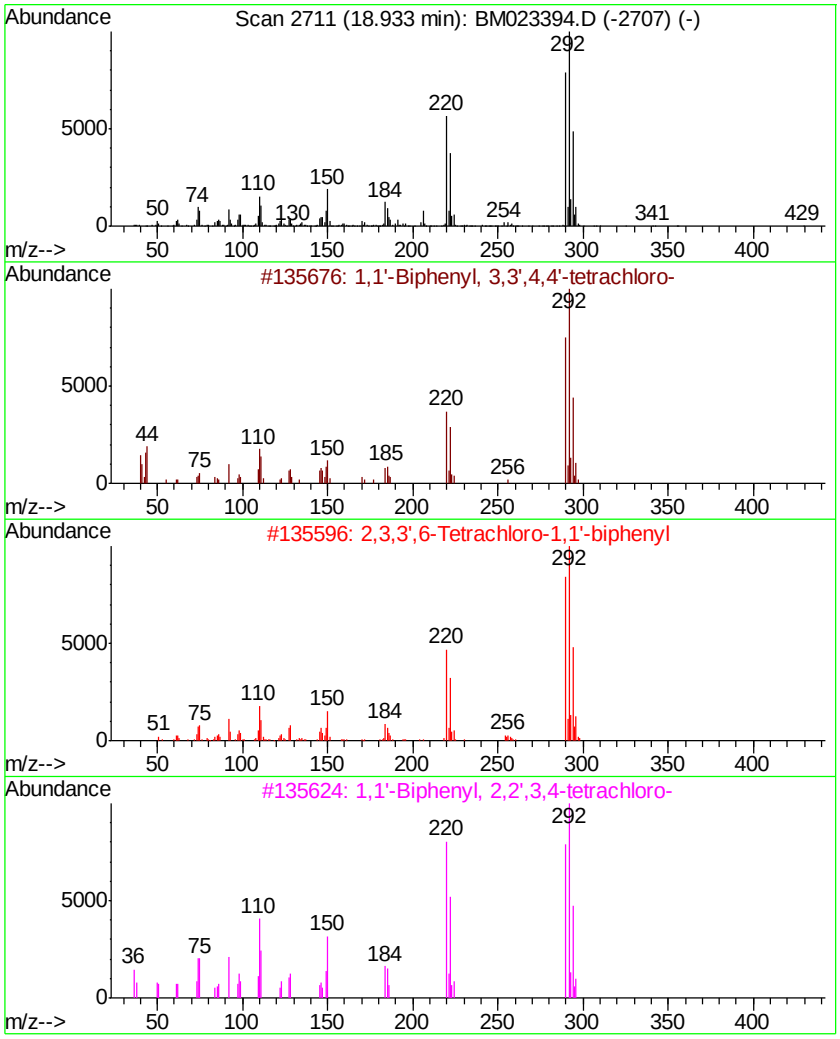
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

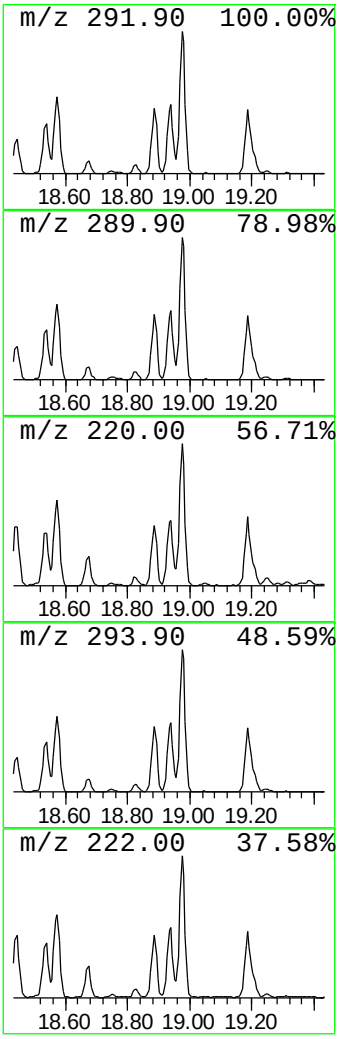
****

Peak Number 17 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	9.30 ng/ul	2721100	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99





Library Search Compound Report

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Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

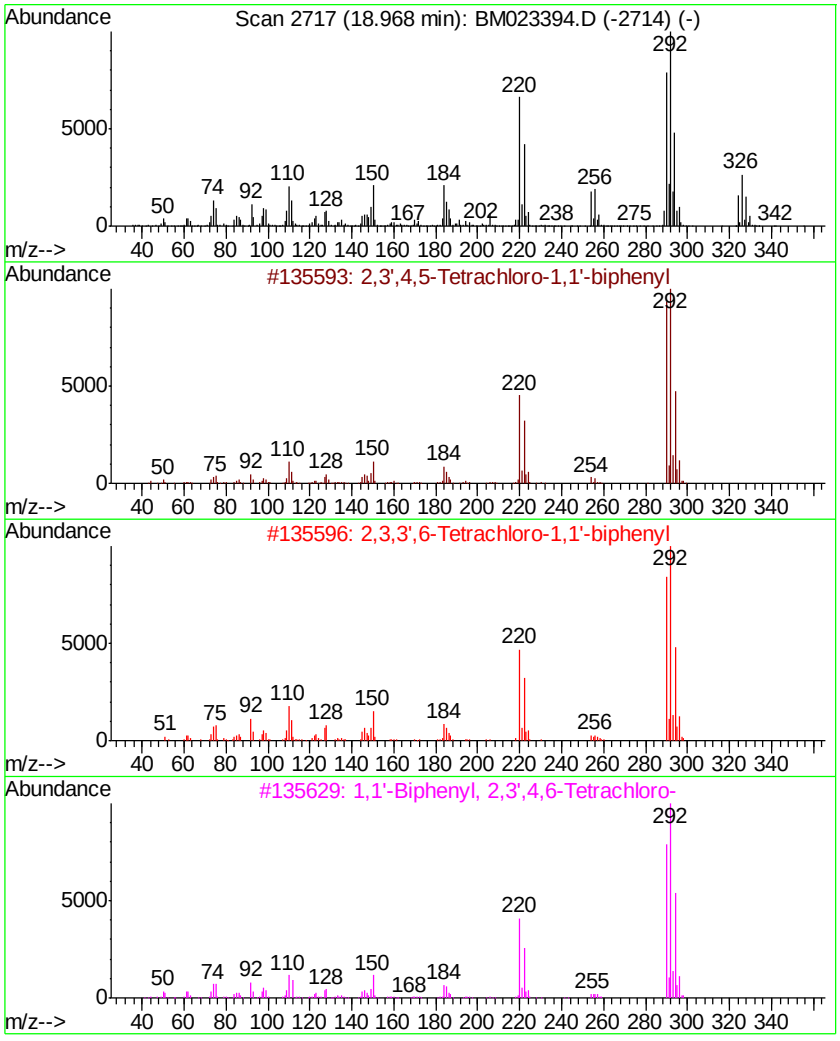
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

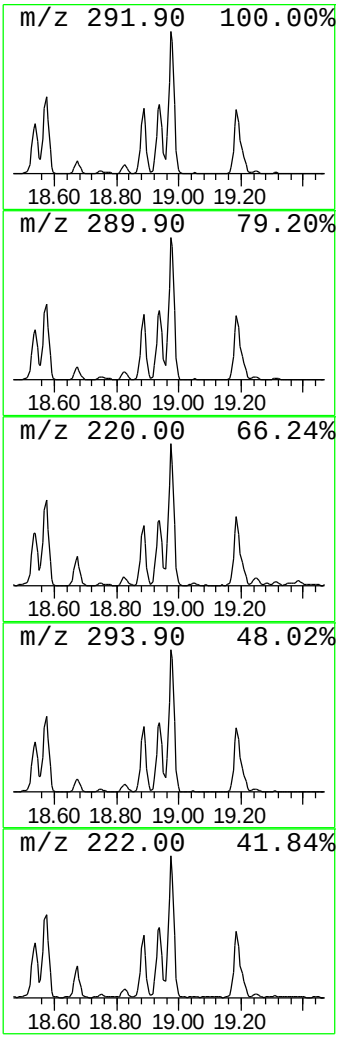
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	20.61 ng/ul	6027720	Phenanthrene-d10	17.03

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	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

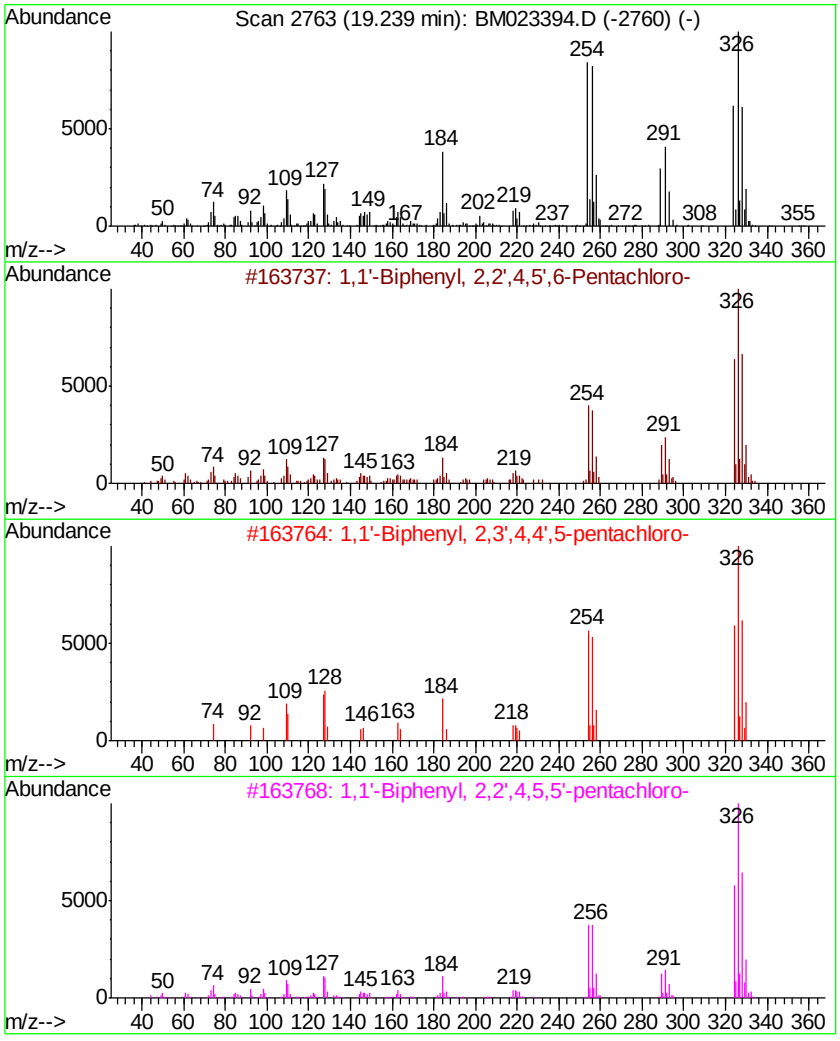
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

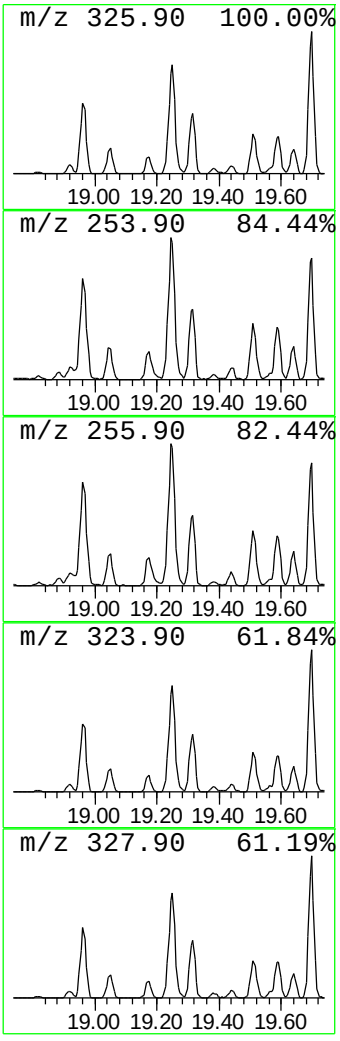
****

Peak Number 20 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	8.85 ng/ul	2625540	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

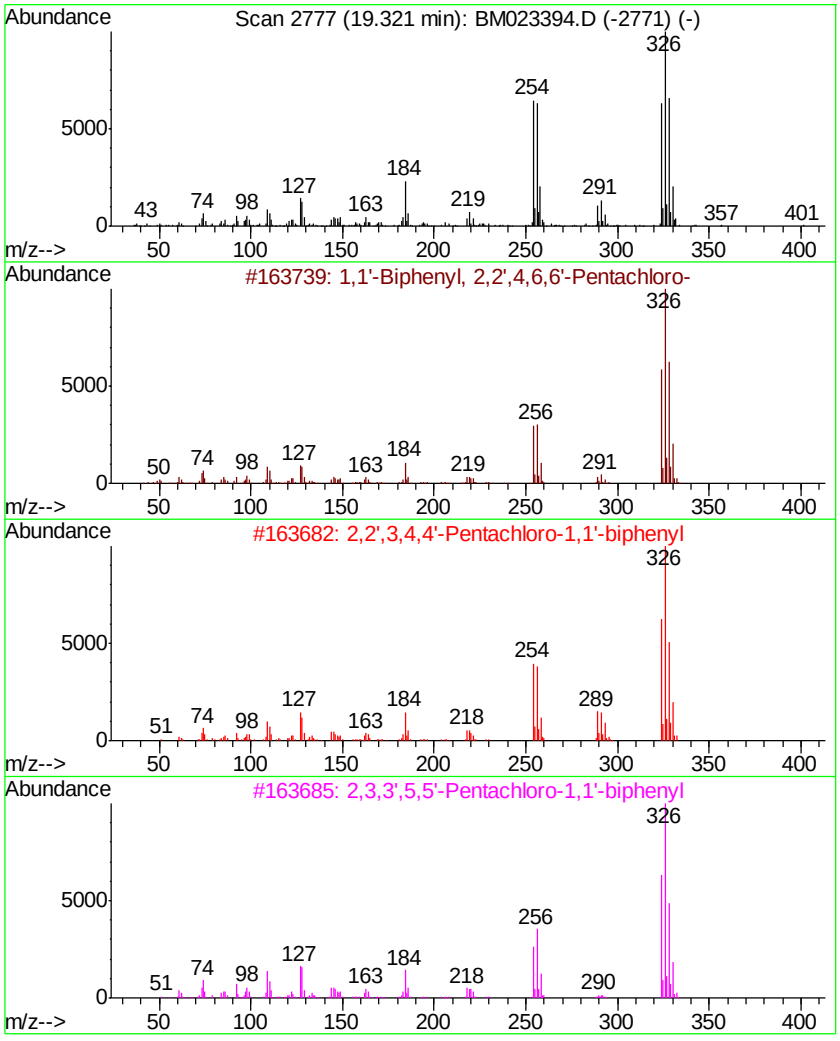
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

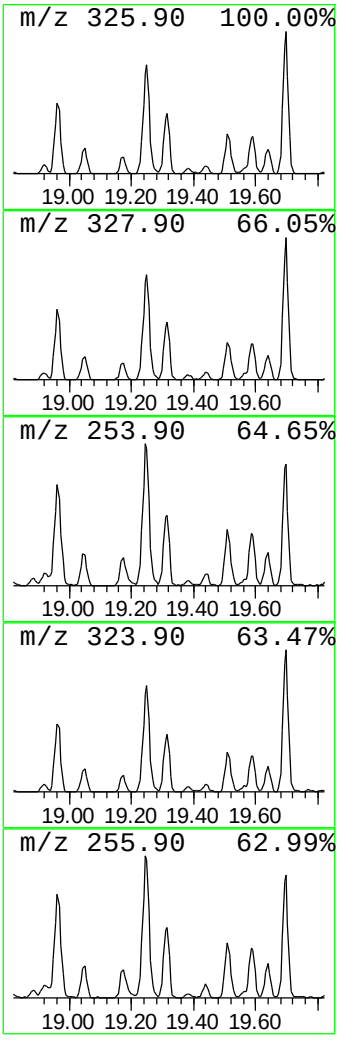
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.58 ng/ul	1061500	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	98
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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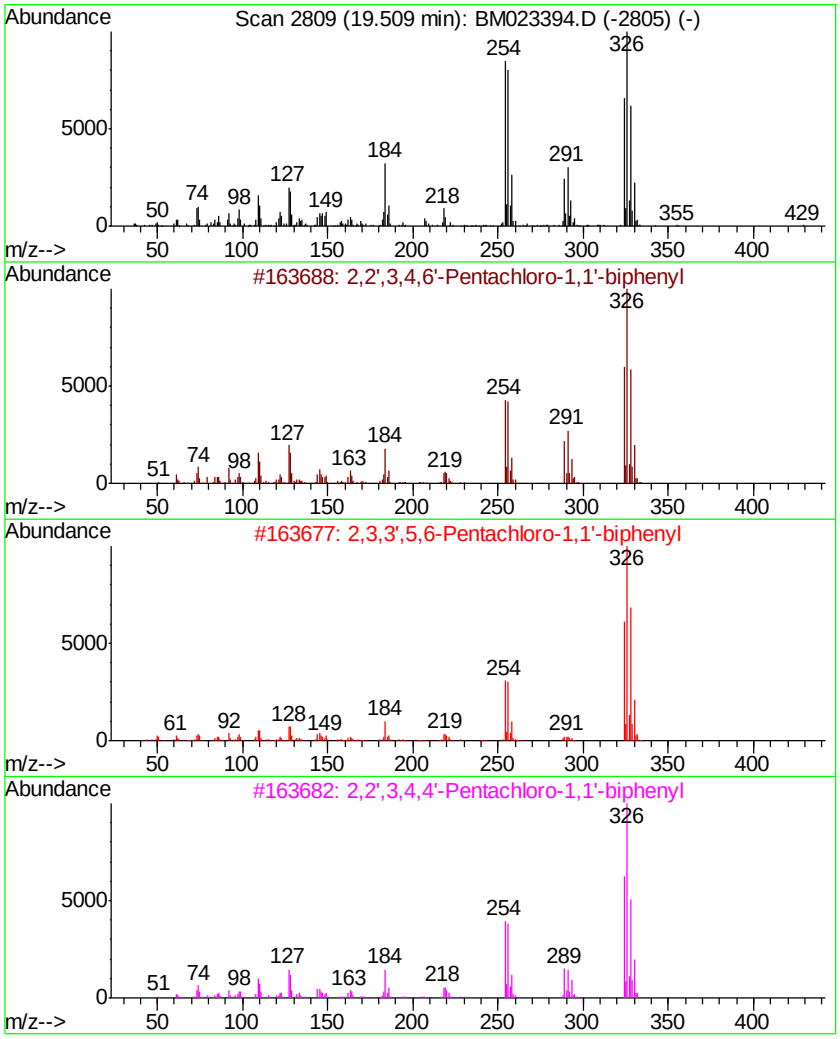
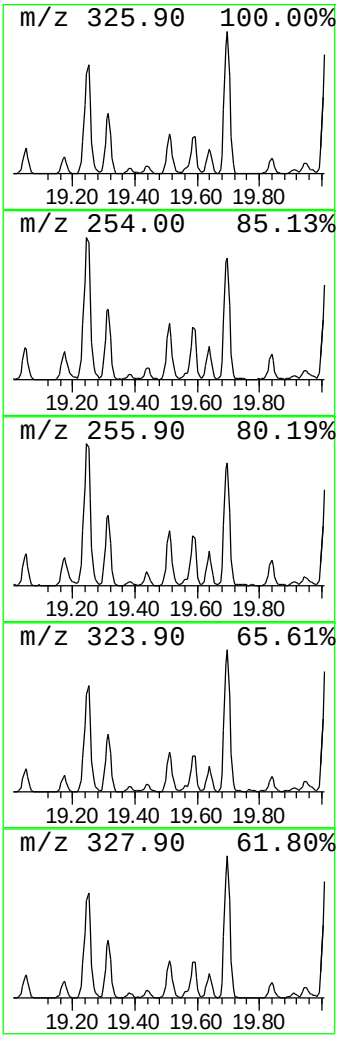
Peak Number 22 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	2.51 ng/ul	744107	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

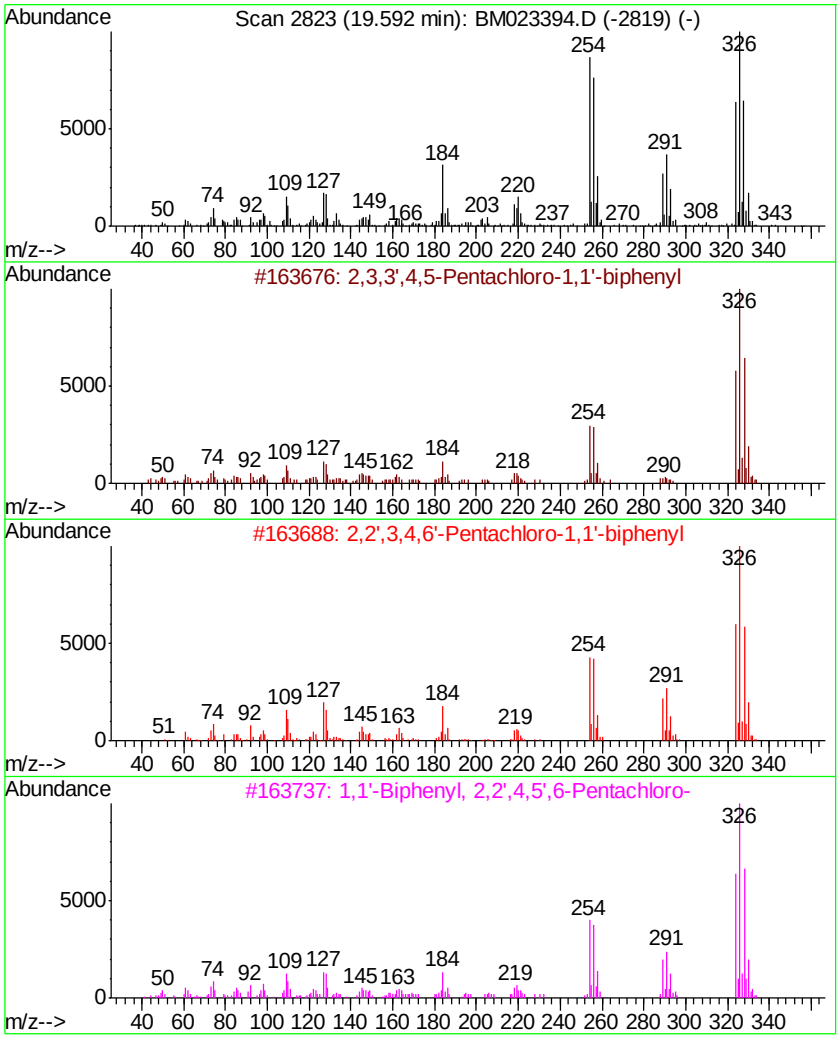
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

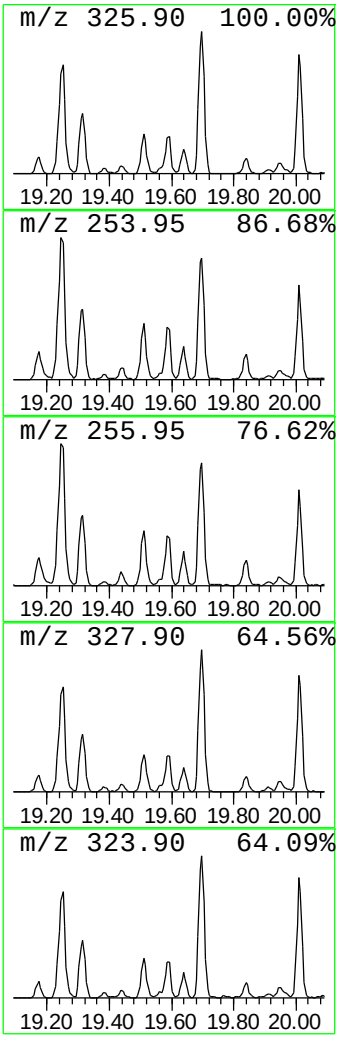
****

Peak Number 23 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.50 ng/ul	742581	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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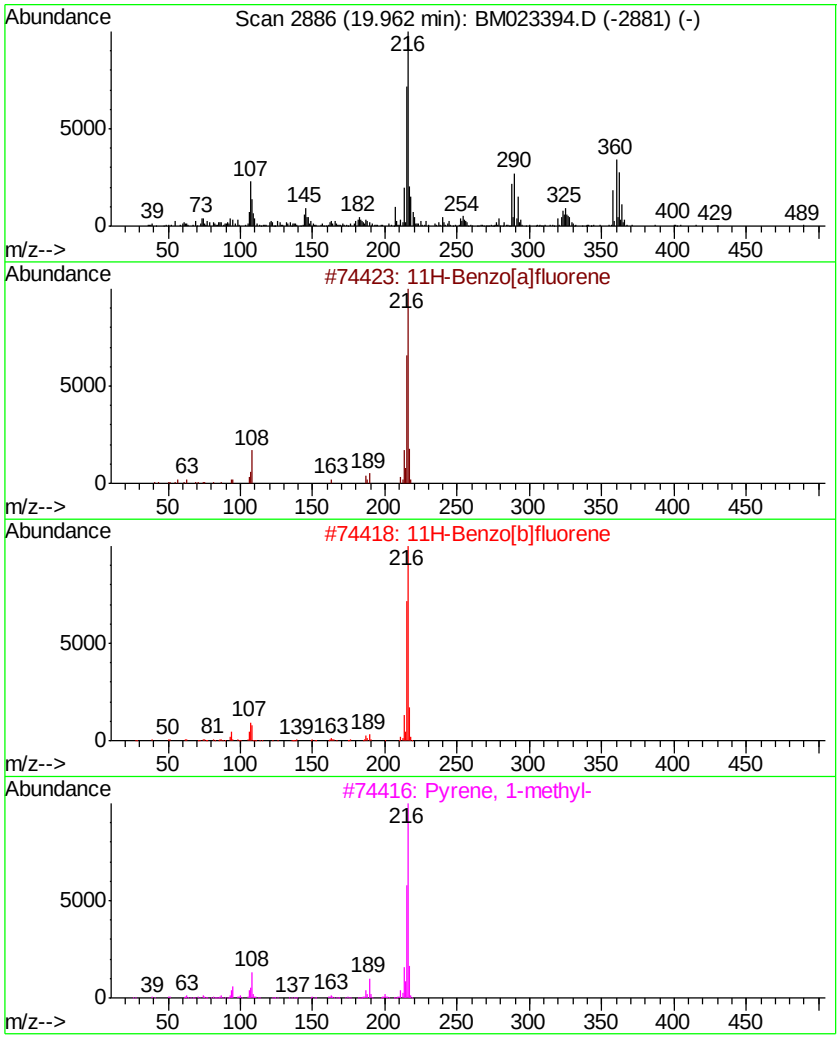
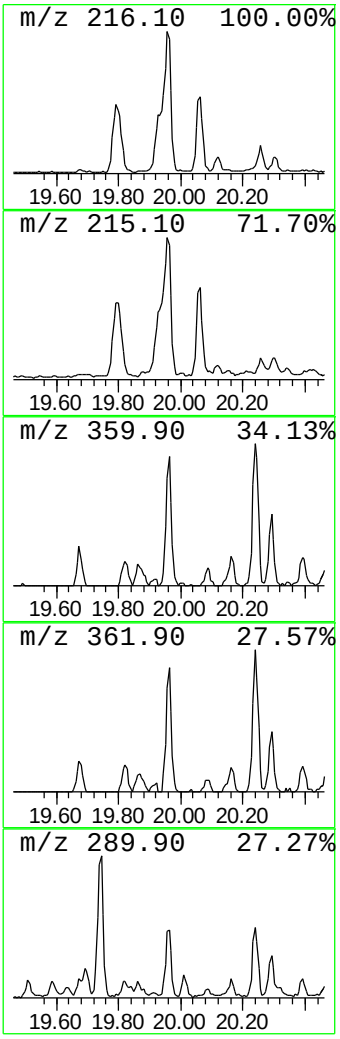
Peak Number 26 11H-Benzo[a]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.23 ng/ul	957483	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50





Tentatively Identified Compound (LSC) summary

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Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
(DEL) Alkane: Str...	3.09	7.2	ng/ul	1243080	1	7.63	3446140	20.0
1,1'-Biphenyl, 2,...	17.22	4.0	ng/ul	1179390	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	17.75	5.6	ng/ul	1641180	4	17.03	5850590	20.0
1,1'-Biphenyl, 3,...	17.89	3.7	ng/ul	1072320	4	17.03	5850590	20.0
2,2',4,5-Tetrachl...	17.94	4.0	ng/ul	1162020	4	17.03	5850590	20.0
2,2',4,6'-Tetrach...	18.11	22.7	ng/ul	6636260	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	18.17	15.6	ng/ul	4547650	4	17.03	5850590	20.0
2,3',4,5'-Tetrach...	18.22	9.6	ng/ul	2793200	4	17.03	5850590	20.0
2,3,3',6-Tetrachl...	18.40	16.3	ng/ul	4774310	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	18.44	6.0	ng/ul	1739300	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	18.54	5.6	ng/ul	1650050	4	17.03	5850590	20.0
2,3',4,5-Tetrachl...	18.57	9.1	ng/ul	2671600	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	18.67	3.1	ng/ul	914131	4	17.03	5850590	20.0
di-p-Tolylacetylene	18.83	2.4	ng/ul	710587	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	18.89	7.7	ng/ul	2264340	4	17.03	5850590	20.0
1,1'-Biphenyl, 3,...	18.93	9.3	ng/ul	2721100	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	18.97	20.6	ng/ul	6027720	4	17.03	5850590	20.0
1,1'-Biphenyl, 2,...	19.24	8.8	ng/ul	2625540	5	21.23	5933820	20.0
1,1'-Biphenyl, 2,...	19.32	3.6	ng/ul	1061500	5	21.23	5933820	20.0
2,2',3,4,6'-Penta...	19.51	2.5	ng/ul	744107	5	21.23	5933820	20.0
2,3,3',4,5-Pentac...	19.59	2.5	ng/ul	742581	5	21.23	5933820	20.0
11H-Benzo[a]fluorene	19.96	3.2	ng/ul	957483	5	21.23	5933820	20.0