LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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-BM101419MA.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	3.675	114	117	125	rVB	67150	92230	1.04%	0.071%
2	3.893	150	154	158	rVB	65216	86015	0.97%	0.066%
3	6.822	644	652	663	rBV2	654162	1203216	13.54%	0.927%
4	6.992	673	681	692	rBV	469320	781791	8.80%	0.602%
5	7.187	707	714	721	rBV	686680	1079406	12.15%	0.831%
6	7.651	786	793	802	rBV	1514702	2350184	26.45%	1.810%
7	8.357	906	913	920	rBV	721911	1149871	12.94%	0.886%
8	8.798	981	988	998	rVV	587957	964352	10.85%	0.743%
9	9.516	1103	1110	1118	rBV	439323	740034	8.33%	0.570%
10	10.057	1191	1202	1213	rVB	782657	1339142	15.07%	1.031%
11	10.433	1258	1266	1272	rBV	1916695	3197392	35.99%	2.462%
12	10.563	1281	1288	1302	rBV	406494	794959	8.95%	0.612%
13	13.621	1802	1808	1813	rBV5	42150	70111	0.79%	0.054%
14	13.710	1818	1823	1828	rVV	1294856	1860771	20.94%	1.433%
15	13.757	1828	1831	1839	rVB	465976	641694	7.22%	0.494%
16	13.986	1863	1870	1879	rBV	1554289	2442567	27.49%	1.881%
17	14.298	1915	1923	1929	rBV	2761815	4144538	46.65%	3.192%
18	14.351	1929	1932	1939	rVB2	105968	171342	1.93%	0.132%
19	14.492	1950	1956	1967	rBV	370640	611671	6.88%	0.471%
20	14.721	1986	1995	2000	rVV4	82938	186454	2.10%	0.144%
21	15.292	2085	2092	2098	rBV	2064296	2889801	32.52%	2.226%
22	15.345	2098	2101	2106	rVB2	98114	145441	1.64%	0.112%
23	15.410	2106	2112	2120	rBV	341958	525983	5.92%	0.405%
24	15.562	2134	2138	2141	rVB	57188	77526	0.87%	0.060%
25	15.792	2173	2177	2184	rVV3	34955	89149	1.00%	0.069%
26	15.880	2185	2192	2201	rVB8	28265	77162	0.87%	0.059%
27	16.045	2208	2220	2223	rBV10	44663	135872	1.53%	0.105%
28	16.404	2277	2281	2287	rBV2	78438	106259	1.20%	0.082%
29	16.586	2305	2312	2315	rBV4	76288	139327	1.57%	0.107%
30	16.657	2321	2324	2328	rVB	86503	104154	1.17%	0.080%
31	16.927	2367	2370	2373	rBV2	105682	128582	1.45%	0.099%
32	16.968	2373	2377	2383	rVB	140342	197221	2.22%	0.152%
33	17.039	2383	2389	2393	rBV2	3256138	4788302	53.89%	3.688%
34	17.080	2393	2396	2401	rVB	1134837	1521271	17.12%	1.172%

LSC Area Percent Report

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Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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-BM101419MA.M
Title : SVOA CALIBRATION

35	17.139	2401	2406	2410	rBV2	2101852	2963324	33.35%	2.282%
36	17.233	2417	2422	2429	rBV4	137921	256410	2.89%	0.197%
37	17.439	2454	2457	2463	rBV	63040	93901	1.06%	0.072%
38	17.504	2464	2468	2471	rVV	195103	268844	3.03%	0.207%
39	17.533	2471	2473	2477	rVB3	106732	108764	1.22%	0.084%
40	17.639	2485	2491	2498	rVB2	249464	573063	6.45%	0.441%
41	17.768	2508	2513	2520	rVB2	191751	308286	3.47%	0.237%
42	17.845	2522	2526	2530	rBV4	98460	150334	1.69%	0.116%
43	17.921	2534	2539	2542	rVV	307244	493233	5.55%	0.380%
44	17.962	2542	2546	2552	rVB	529845	786037	8.85%	0.605%
45	18.039	2554	2559	2565	rBV2	195917	469282	5.28%	0.361%
46	18.121	2566	2573	2577	rVV3	1140243	2164525	24.36%	1.667%
47	18.180	2580	2583	2587	rVV	518010	642858	7.24%	0.495%
48	18.227	2587	2591	2595	rVB	343951	442235	4.98%	0.341%
49	18.351	2609	2612	2615	rVB2	106399	118603	1.33%	0.091%
50	18.409	2617	2622	2627	rBV3	504927	907773	10.22%	0.699%
51	18.456	2627	2630	2633	rVB	179612	207804	2.34%	0.160%
52	18.545	2641	2645	2648	rBV3	220729	353714	3.98%	0.272%
53	18.580	2648	2651	2657	rVB2	326721	462333	5.20%	0.356%
54	18.674	2664	2667	2672	rVB2	205852	291147	3.28%	0.224%
55	18.721	2673	2675	2678	rBV	110523	131448	1.48%	0.101%
56	18.845	2691	2696	2700	rBV	407419	634830	7.14%	0.489%
57	18.898	2701	2705	2709	rVV2	504132	859862	9.68%	0.662%
58	18.945	2709	2713	2715	rVV2	574718	802894	9.04%	0.618%
59	18.980	2715	2719	2727	rVB5	1128198	1848737	20.81%	1.424%
60	19.056	2729	2732	2735	rVV4	192620	250760	2.82%	0.193%
61	19.103	2735	2740	2745	rVB	2736248	3583984	40.34%	2.760%
62	19.186	2749	2754	2762	rVV7	365876	985206	11.09%	0.759%
63	19.256	2762	2766	2771	rVV	1151001	1621254	18.25%	1.249%
64	19.321	2774	2777	2786	rVB3	486278	783057	8.81%	0.603%
65	19.439	2792	2797	2799	rBV	3105952	4330194	48.74%	3.335%
66	19.468	2799	2802	2806	rVV	3001189	3864994	43.50%	2.977%
67	19.521	2808	2811	2815	rVB2	242183	296024	3.33%	0.228%
68	19.598	2821	2824	2828	rVB	440492	511766	5.76%	0.394%
69	19.650	2829	2833	2836	rVV2	337327	422557	4.76%	0.325%
70	19.703	2838	2842	2848	rVB	1285158	1658531	18.67%	1.277%
71	19.797	2854	2858	2863	rBV3	308892	653531	7.36%	0.503%

LSC Area Percent Report

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Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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-BM101419MA.M
Title : SVOA CALIBRATION

72	19.933	2877	2881	2882	rBV2	259768	333839	3.76%	0.257%
73	19.968	2883	2887	2892	rVB3	1050442	1424095	16.03%	1.097%
74	20.021	2892	2896	2900	rBV	1114245	1319508	14.85%	1.016%
75	20.068	2900	2904	2908	rBV2	481044	602210	6.78%	0.464%
76	20.127	2910	2914	2917	rVV	466585	600426	6.76%	0.462%
77	20.256	2932	2936	2941	rBV2	580032	914006	10.29%	0.704%
78	20.309	2941	2945	2946	rBV2	560323	706002	7.95%	0.544%
79	20.568	2986	2989	2997	rVB3	618683	904642	10.18%	0.697%
80	20.680	3004	3008	3011	rBV	1322427	1637681	18.43%	1.261%
81	20.786	3023	3026	3029	rBV	336141	367237	4.13%	0.283%
82	20.874	3038	3041	3045	rVB	382586	502059	5.65%	0.387%
83	20.915	3046	3048	3051	rVB	285809	279655	3.15%	0.215%
84	20.950	3051	3054	3056	rBV	581347	639598	7.20%	0.493%
85	20.980	3056	3059	3071	rVB6	1008910	1796732	20.22%	1.384%
86	21.180	3088	3093	3096	rBV	7996638	8885116	100.00%	6.843%
87	21.227	3096	3101	3105	rVV2	4855327	8687140	97.77%	6.690%
88	21.268	3105	3108	3114	rVB	2137704	2634861	29.65%	2.029%
89	21.386	3125	3128	3130	rBV2	560722	704953	7.93%	0.543%
90	21.415	3130	3133	3138	rVV3	975856	1366202	15.38%	1.052%
91	21.468	3138	3142	3146	rVV2	755708	971006	10.93%	0.748%
92	21.856	3205	3208	3213	rVB2	1092914	1397832	15.73%	1.077%
93	22.297	3279	3283	3291	rVB3	670229	1476793	16.62%	1.137%
94	22.780	3360	3365	3368	rBV	1565477	2989337	33.64%	2.302%
95	22.821	3369	3372	3376	rVB2	2197076	2996480	33.72%	2.308%
96	23.244	3440	3444	3448	rBV	971145	1586959	17.86%	1.222%
97	23.297	3448	3453	3457	rVV	1985843	3490447	39.28%	2.688%
98	23.338	3457	3460	3465	rVB	1330383	2017167	22.70%	1.553%
99	23.433	3471	3476	3482	rVB	3075051	5353776	60.26%	4.123%
100	25.644	3847	3852	3863	rVB2	1180476	3126518	35.19%	2.408%

Sum of corrected areas: 129848166

LSC Report - Integrated Chromatogram

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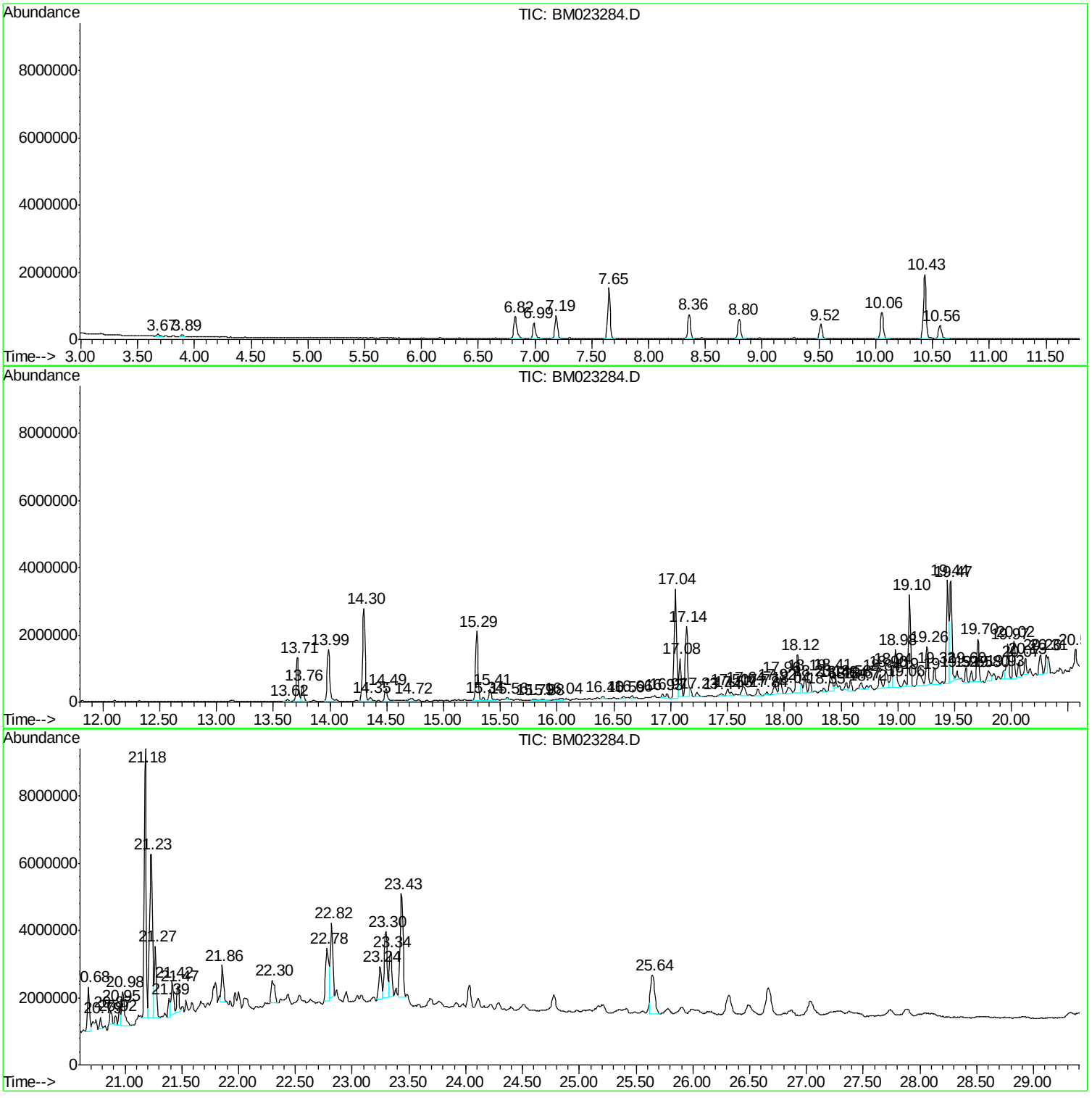
Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

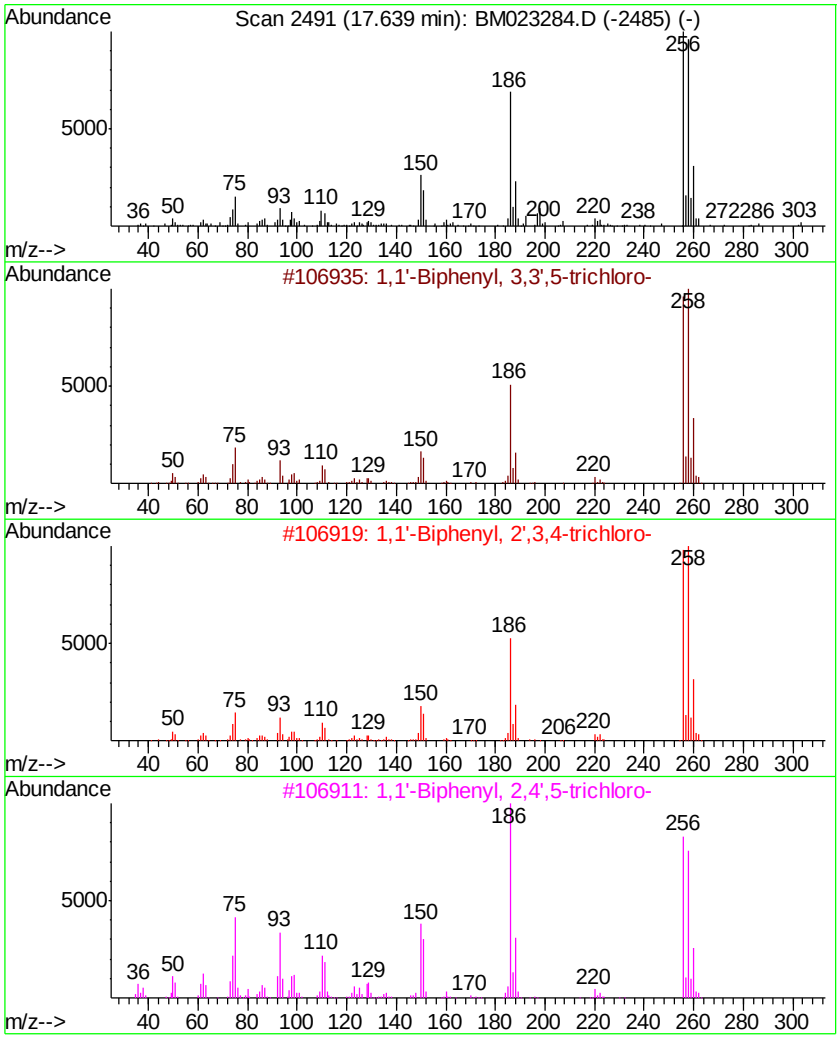
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

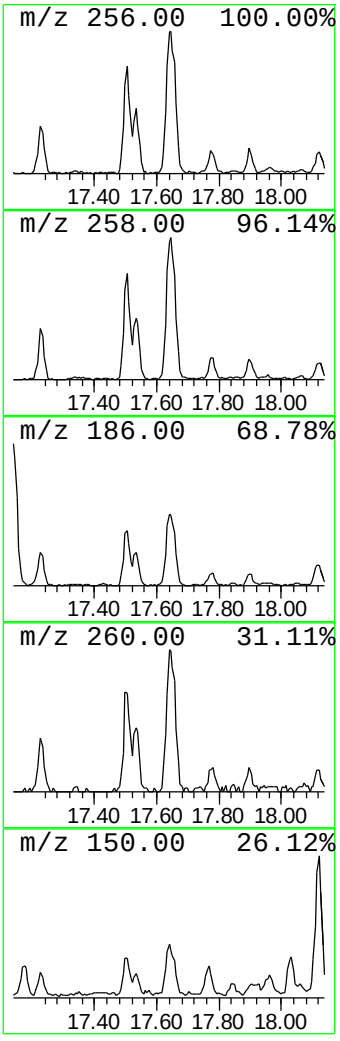
****

Peak Number 1 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.39 ng/ul	573063	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	97
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	97





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

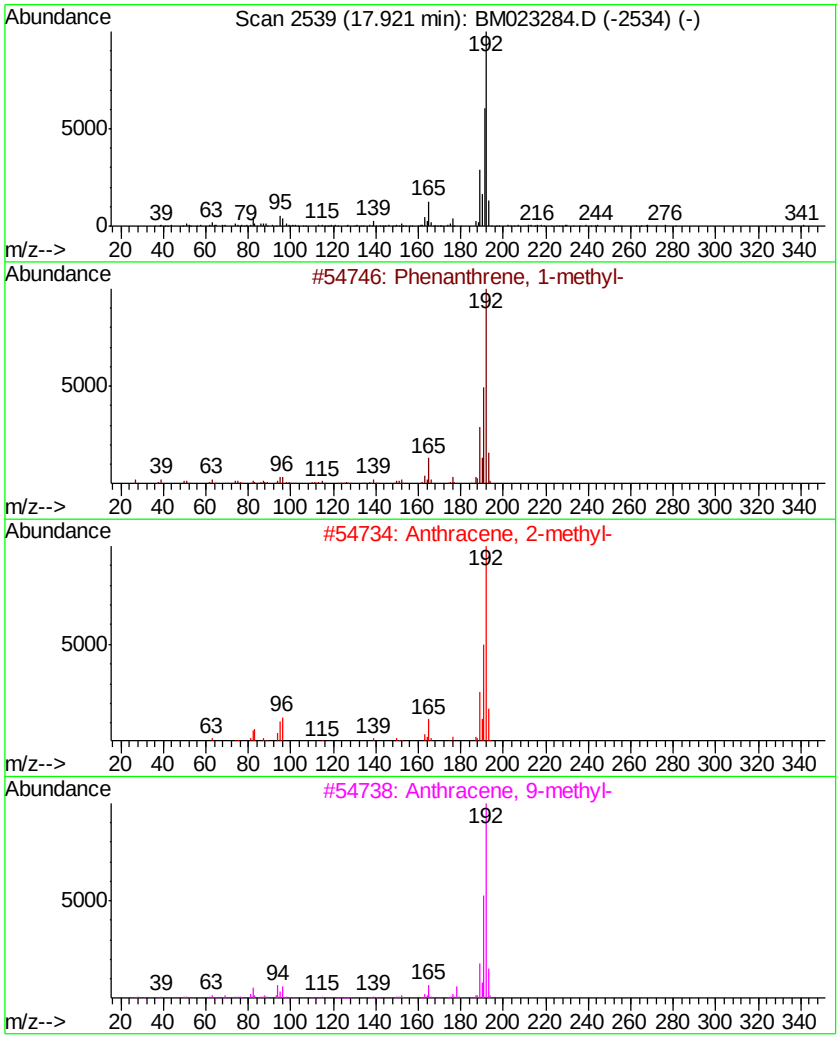
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

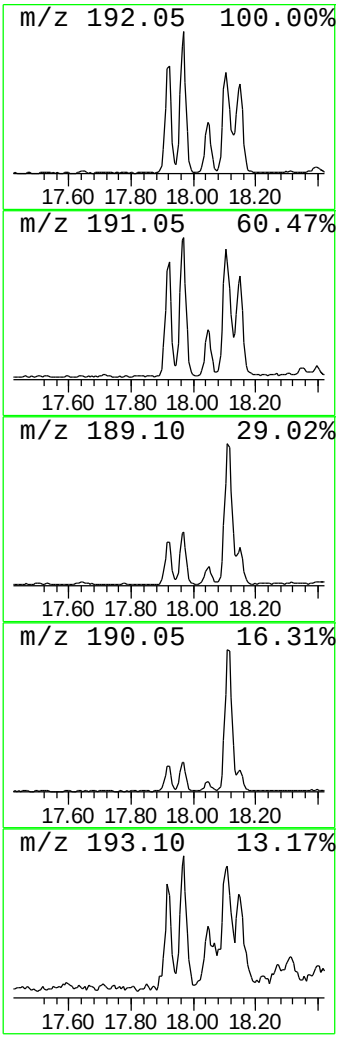
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.06 ng/ul	493233	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

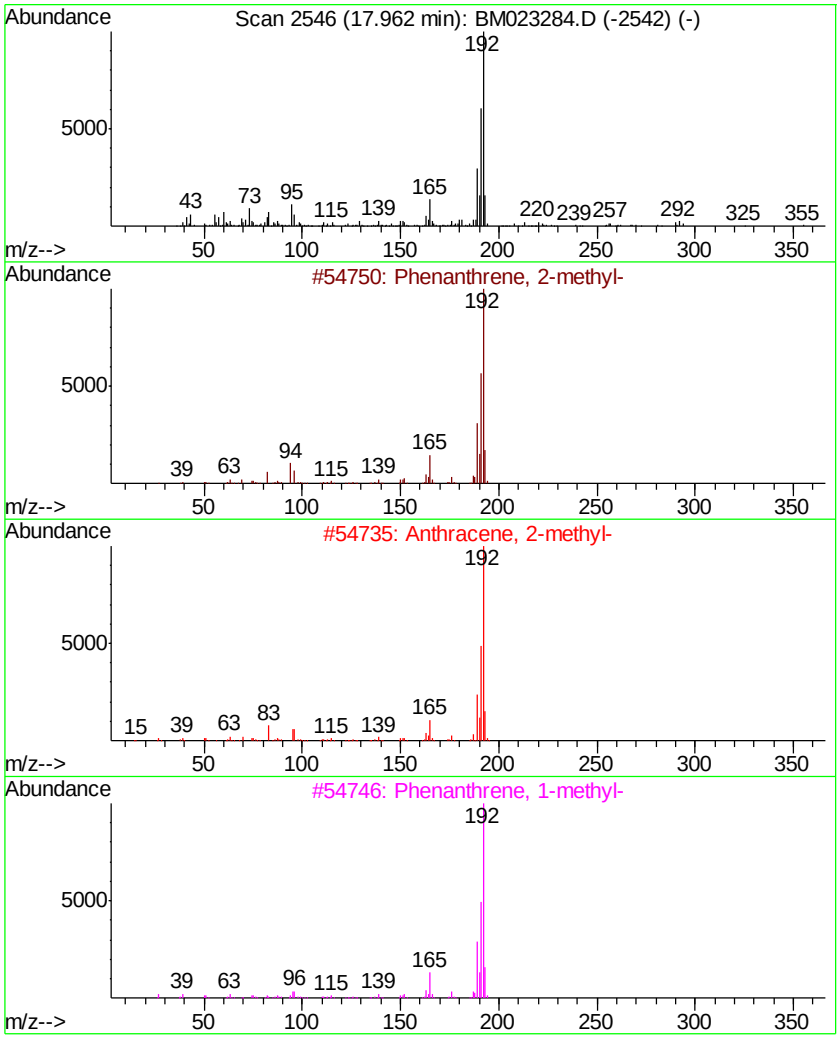
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

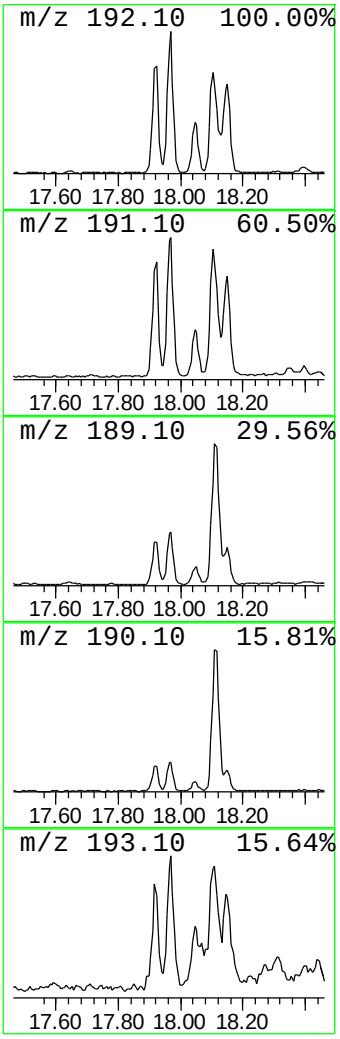
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.28 ng/ul	786037	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

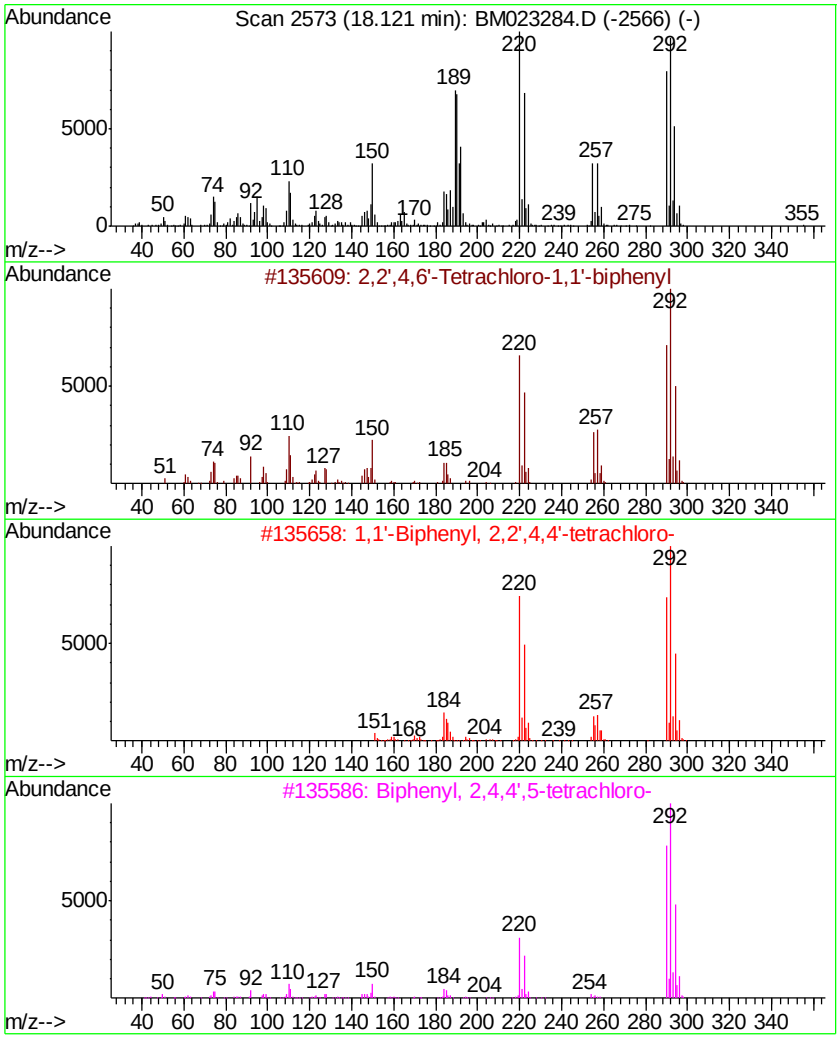
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

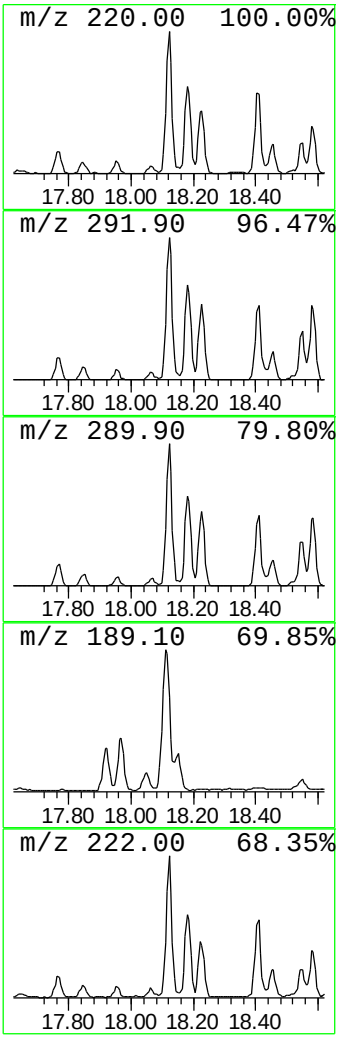
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	9.04 ng/ul	2164530	Phenanthrene-d10	17.04

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

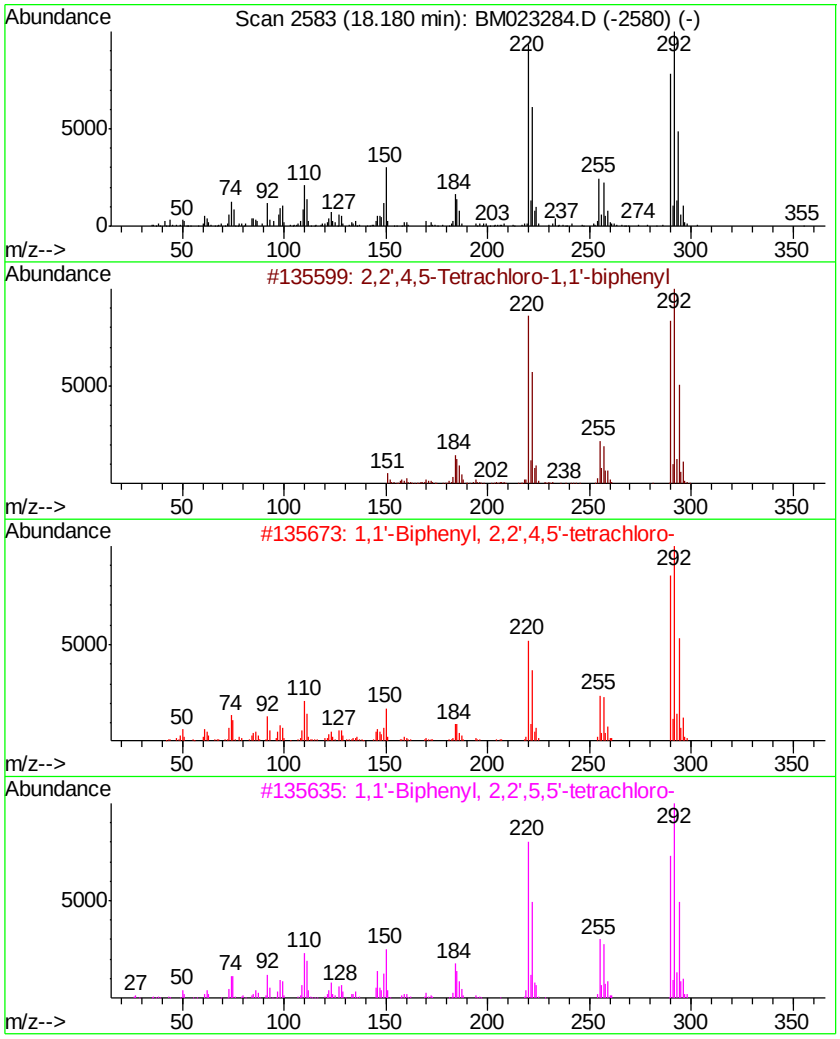
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

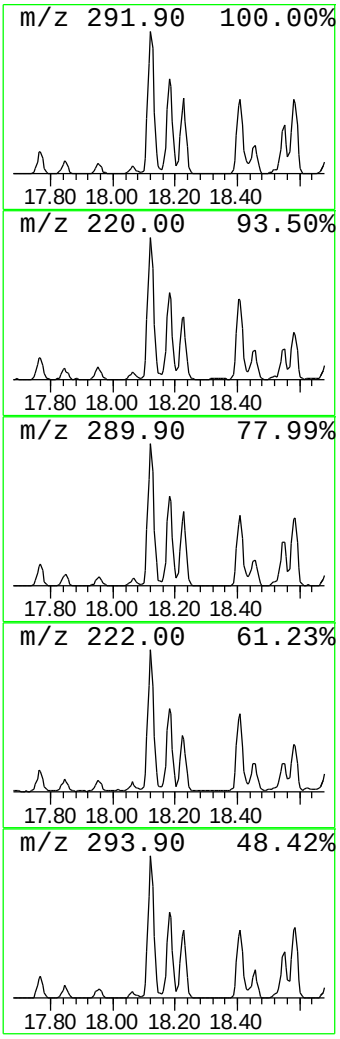
****

Peak Number 5 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.69 ng/ul	642858	Phenanthrene-d10	17.04

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',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





Library Search Compound Report

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Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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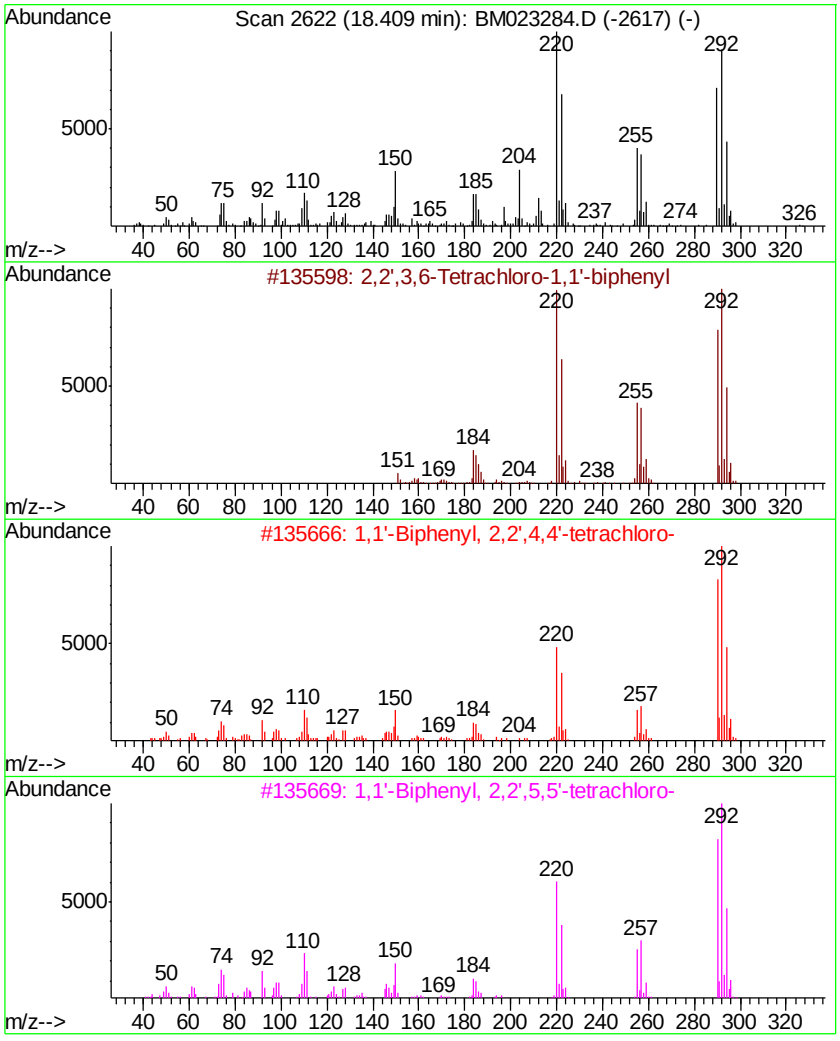
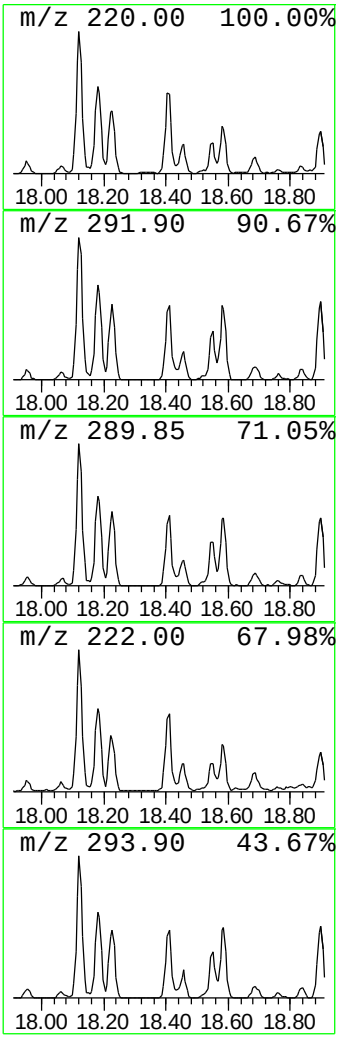
Peak Number 6 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.79 ng/ul	907773	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	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	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

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

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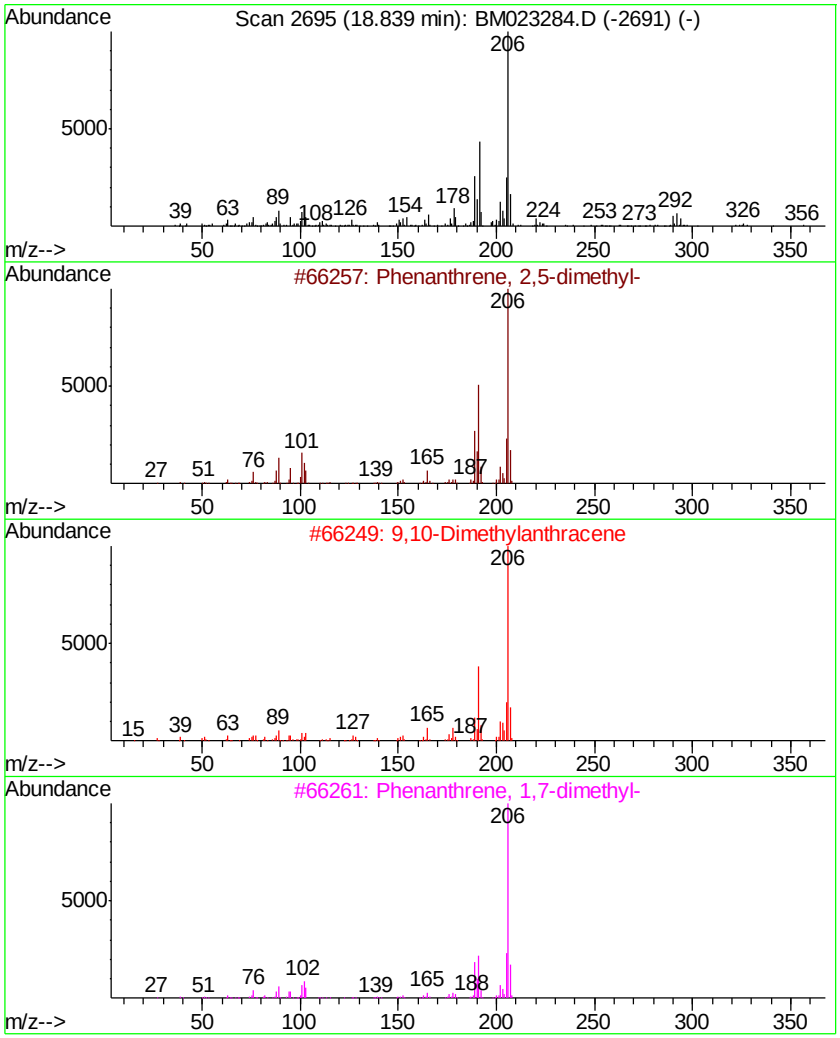
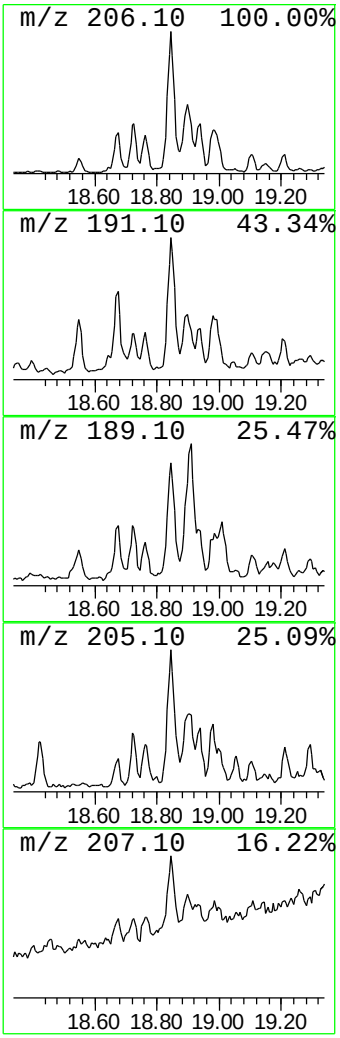
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.65 ng/ul	634830	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

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

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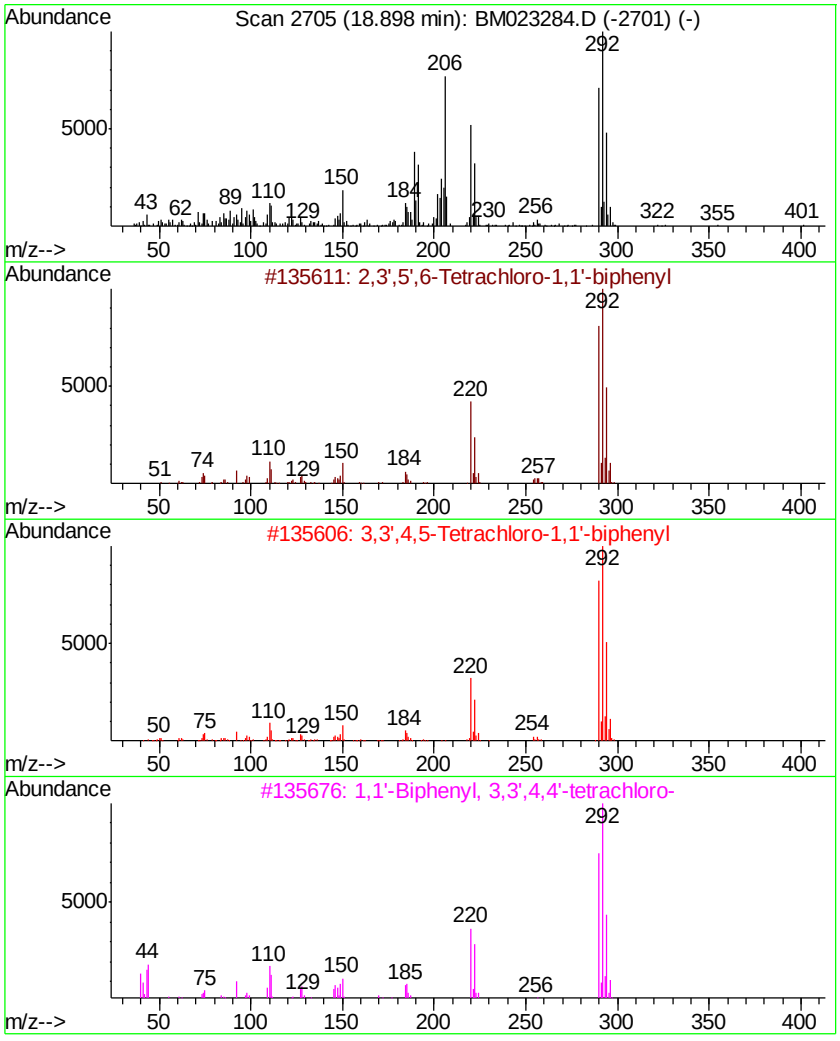
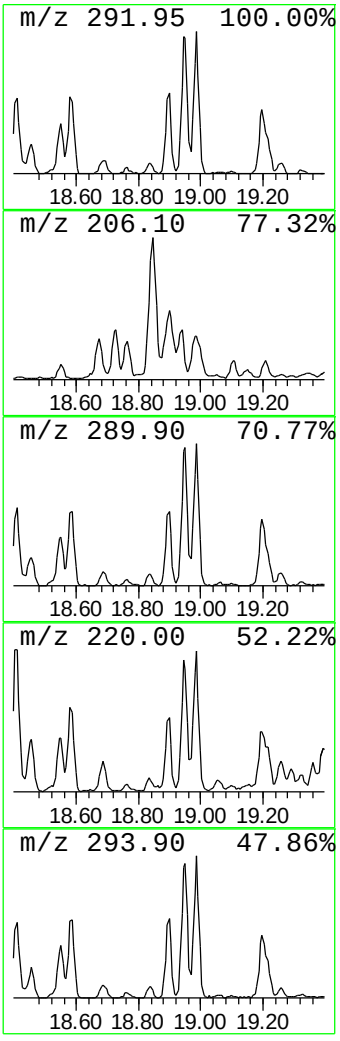
Peak Number 8 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.59 ng/ul	859862	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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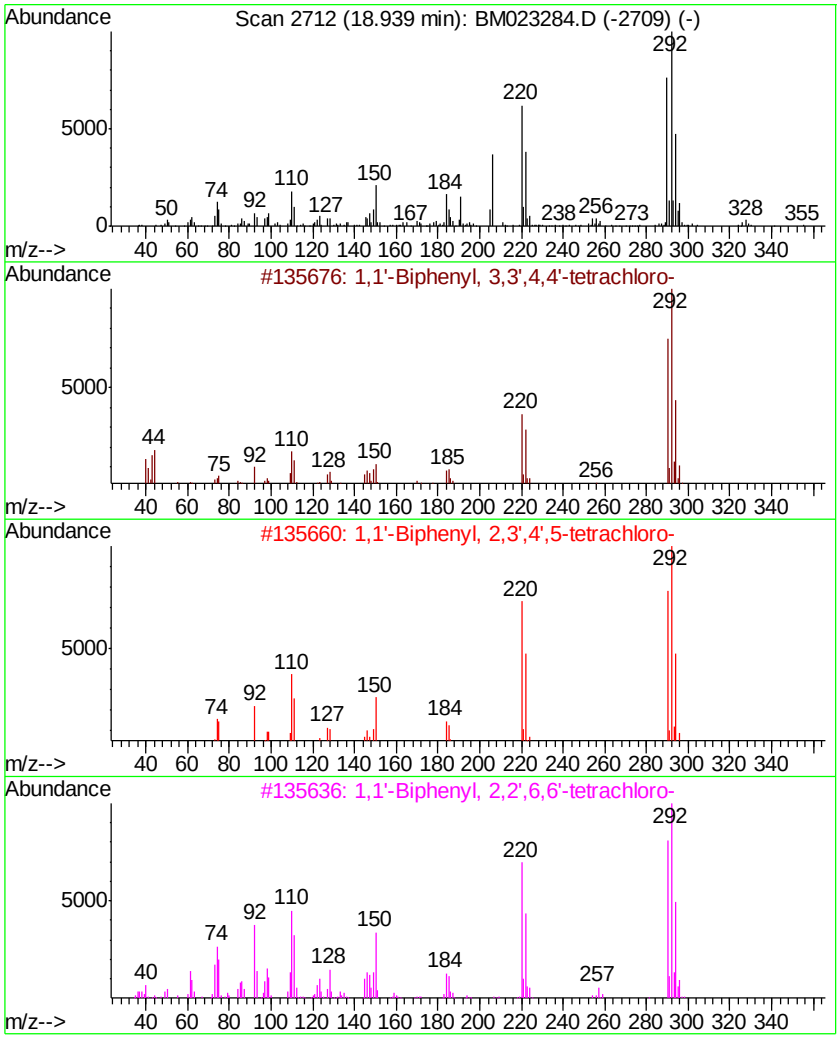
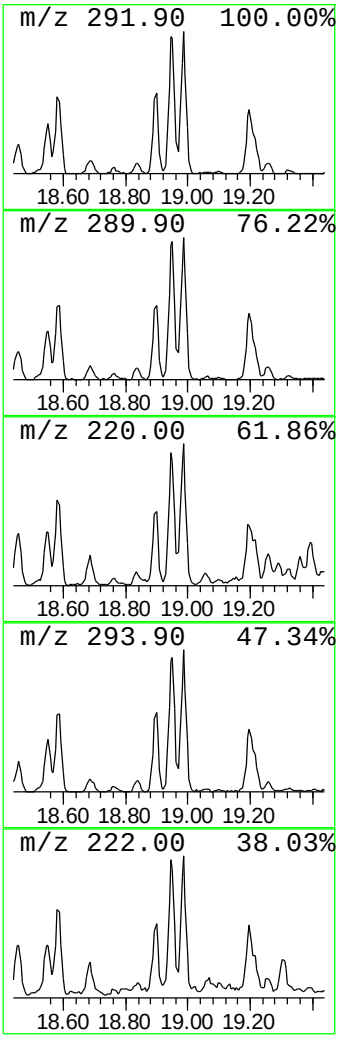
Peak Number 9 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.35 ng/ul	802894	Phenanthrene-d10	17.04

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	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	96
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	96





Library Search Compound Report

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Sample : K5235-15DL 2X
Misc :
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Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

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

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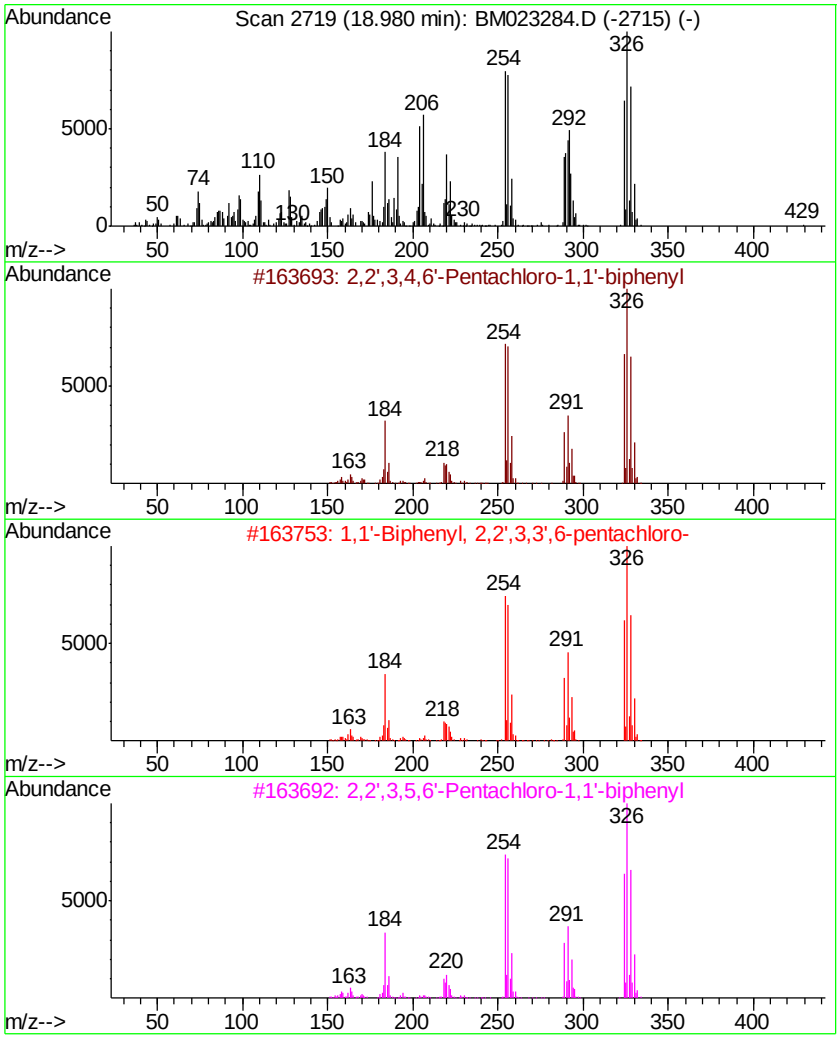
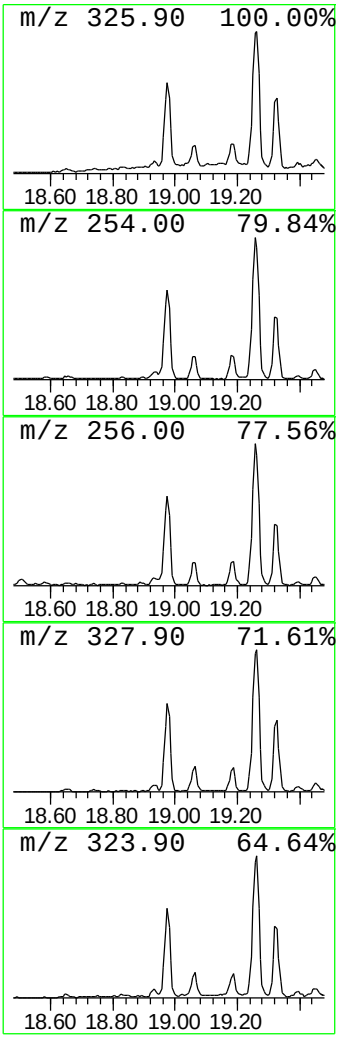
Peak Number 10 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	7.72 ng/ul	1848740	Phenanthrene-d10	17.04

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	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
4	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99





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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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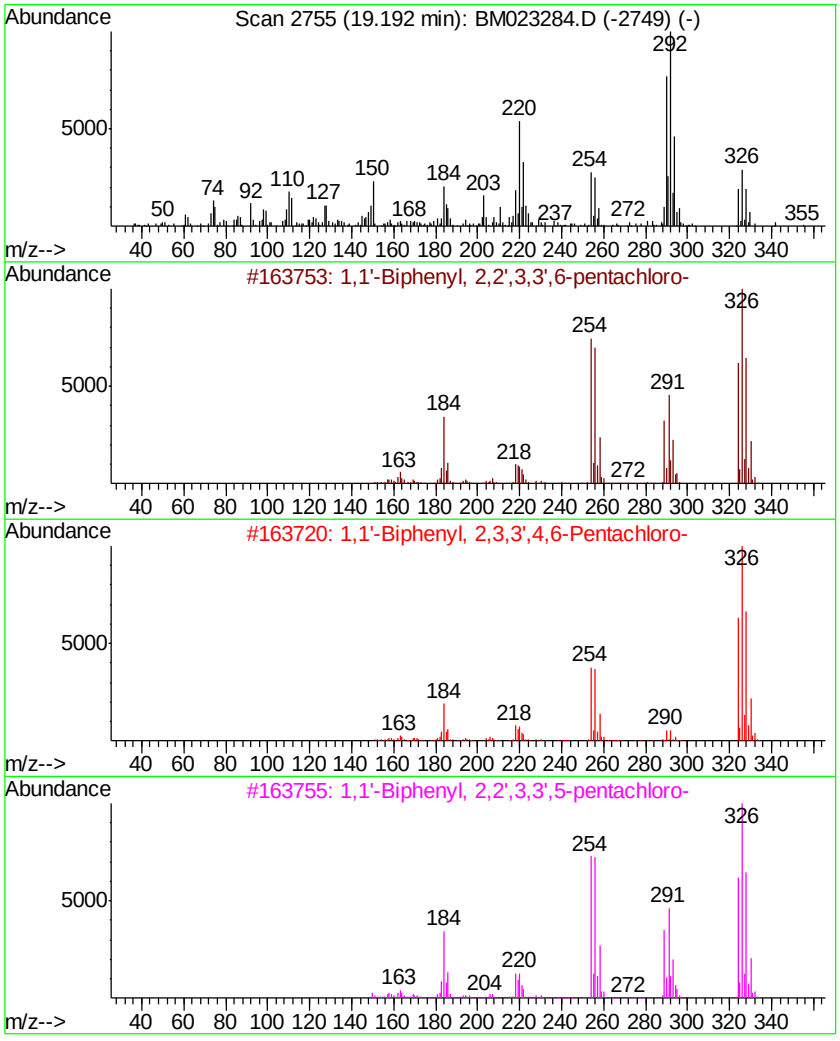
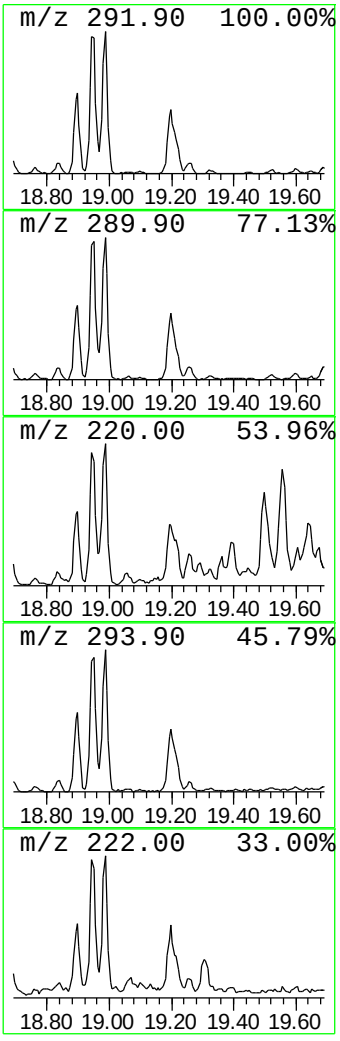
Peak Number 11 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.27 ng/ul	985206	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	97
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	97
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	97
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	97





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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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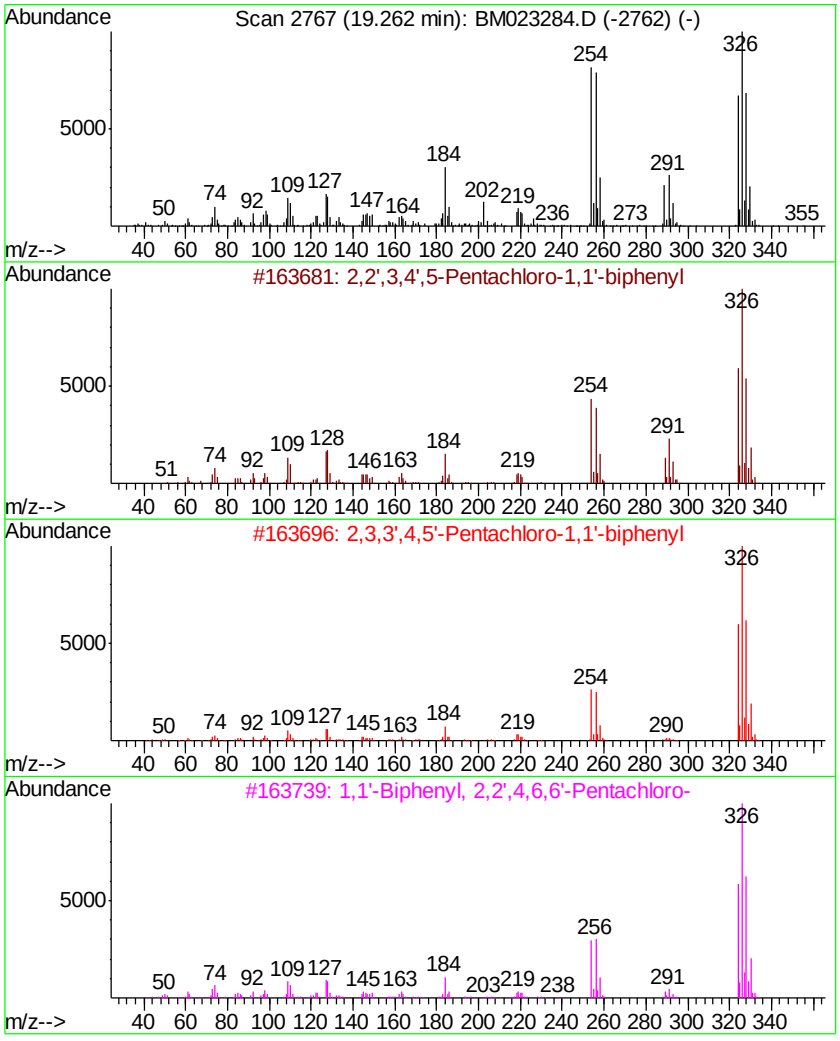
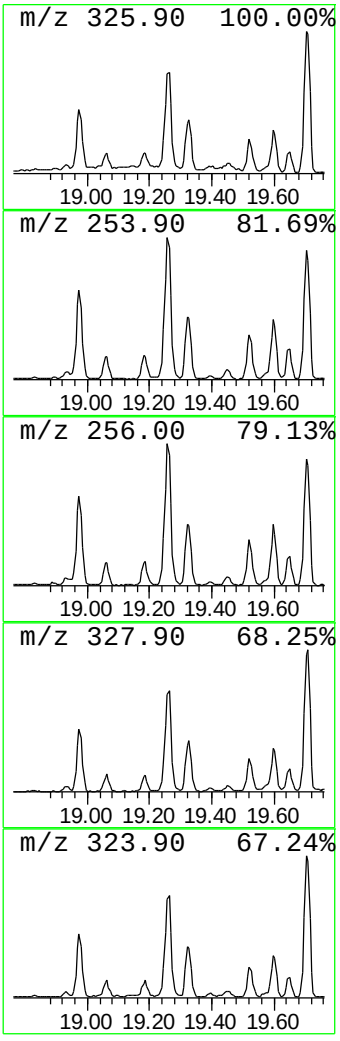
Peak Number 12 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.73 ng/ul	1621250	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Misc :
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Quant Title : SVOA CALIBRATION

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

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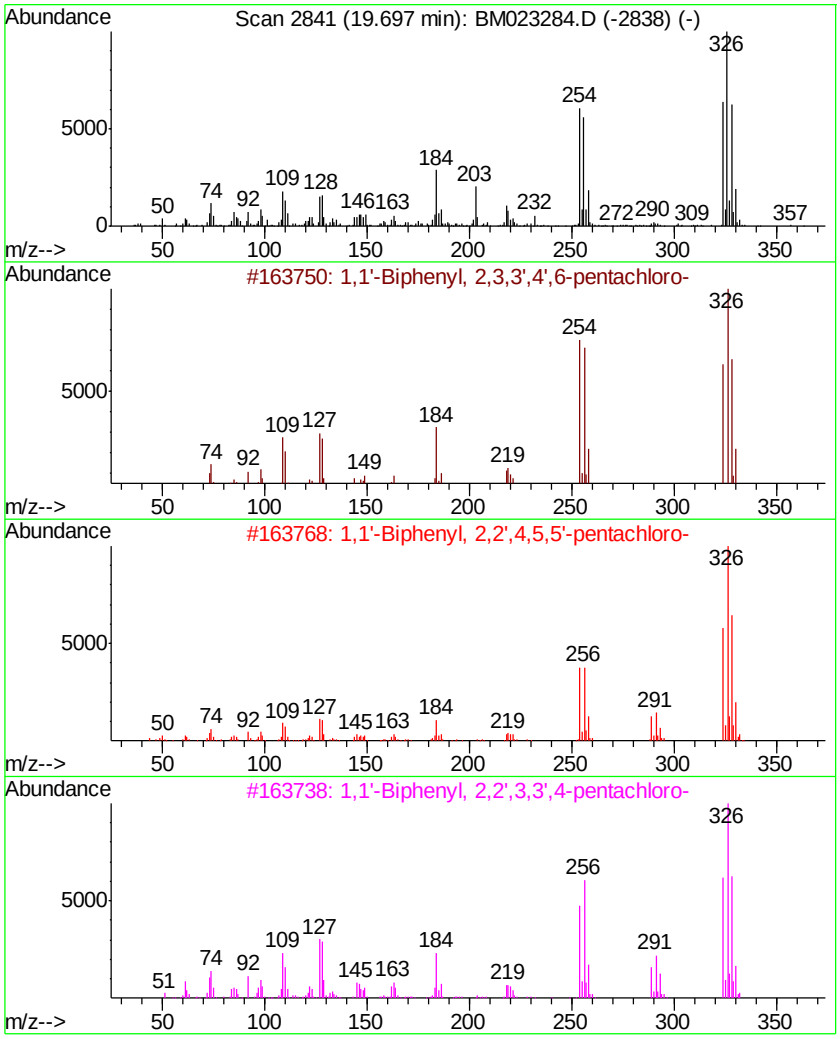
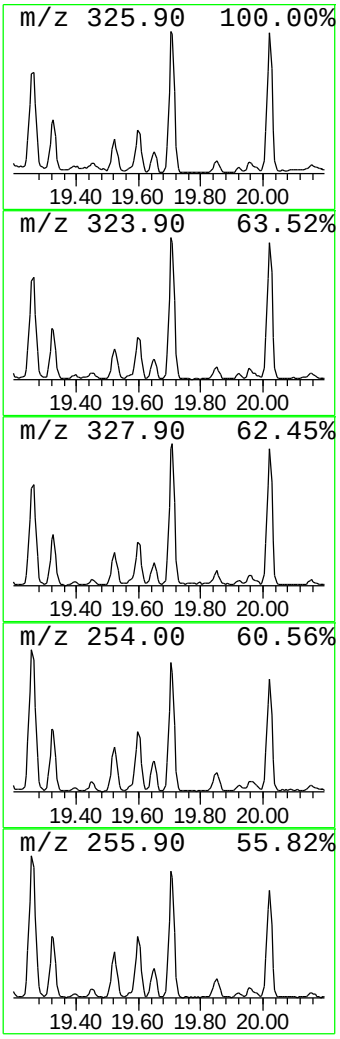
Peak Number 13 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.82 ng/ul	1658530	Chrysene-d12	21.23

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, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	95
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

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

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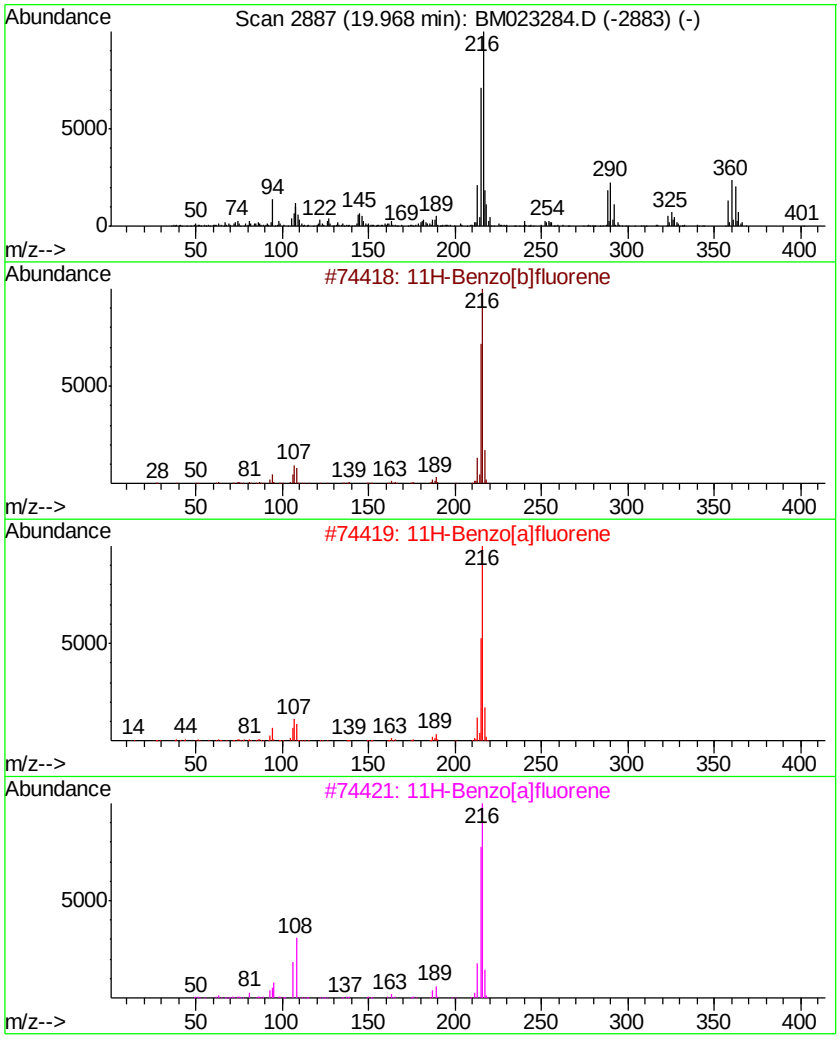
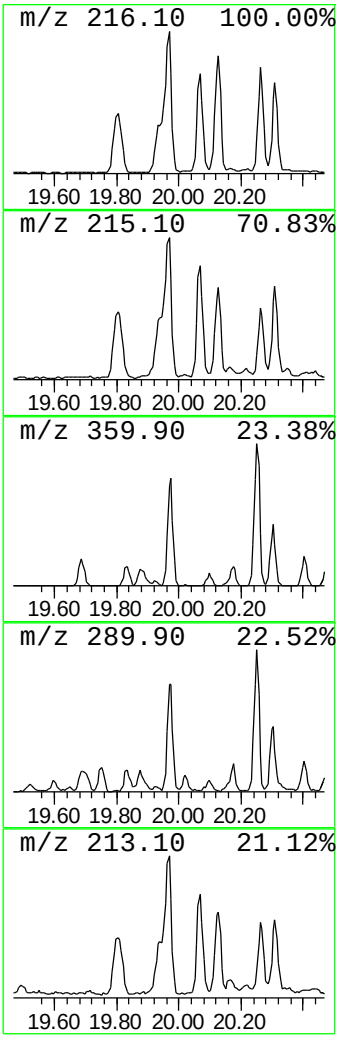
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.28 ng/ul	1424100	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	49





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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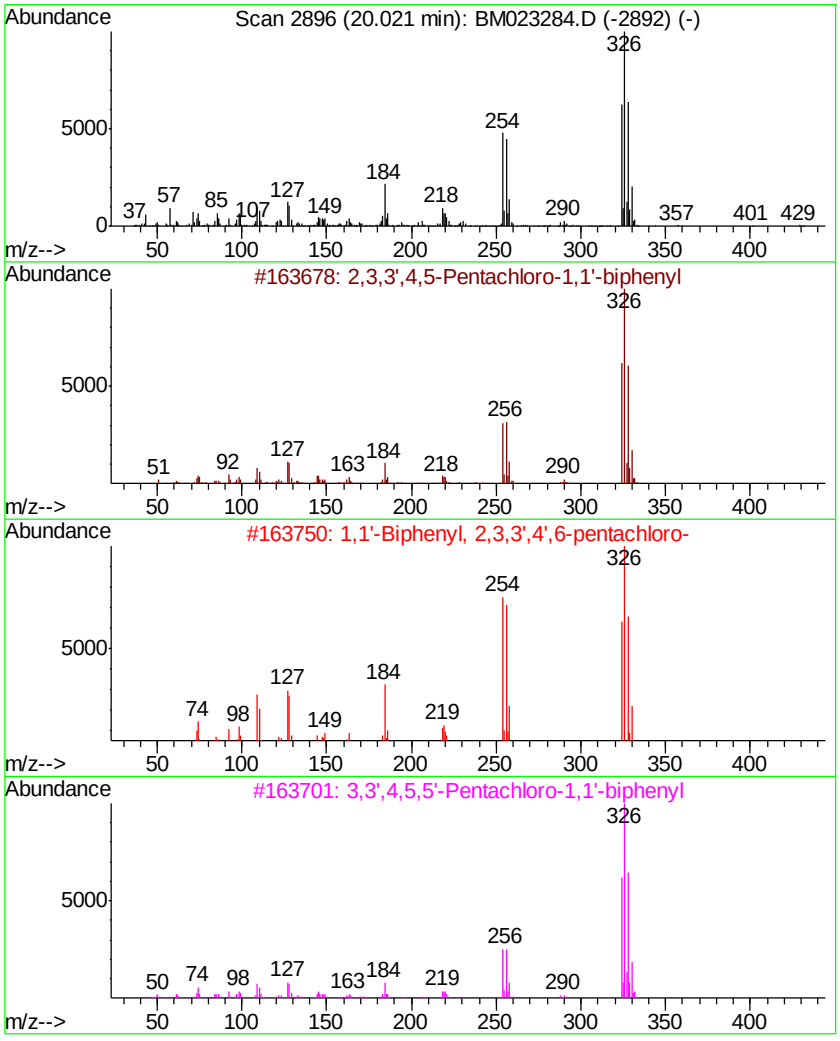
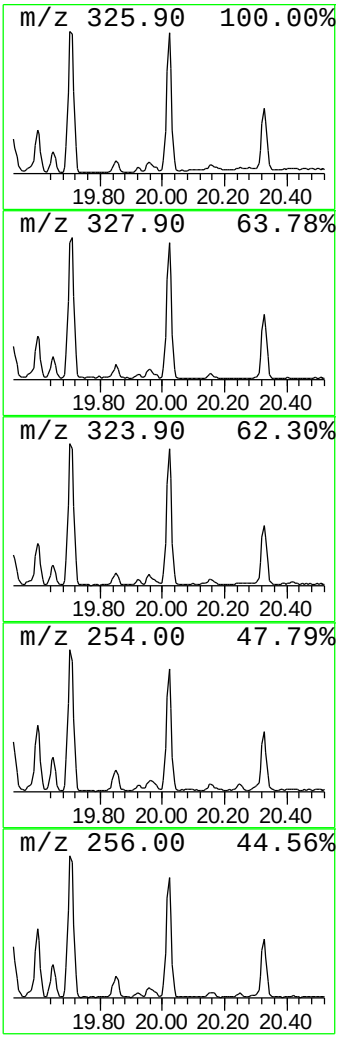
Peak Number 15 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	3.04 ng/ul	1319510	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	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	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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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

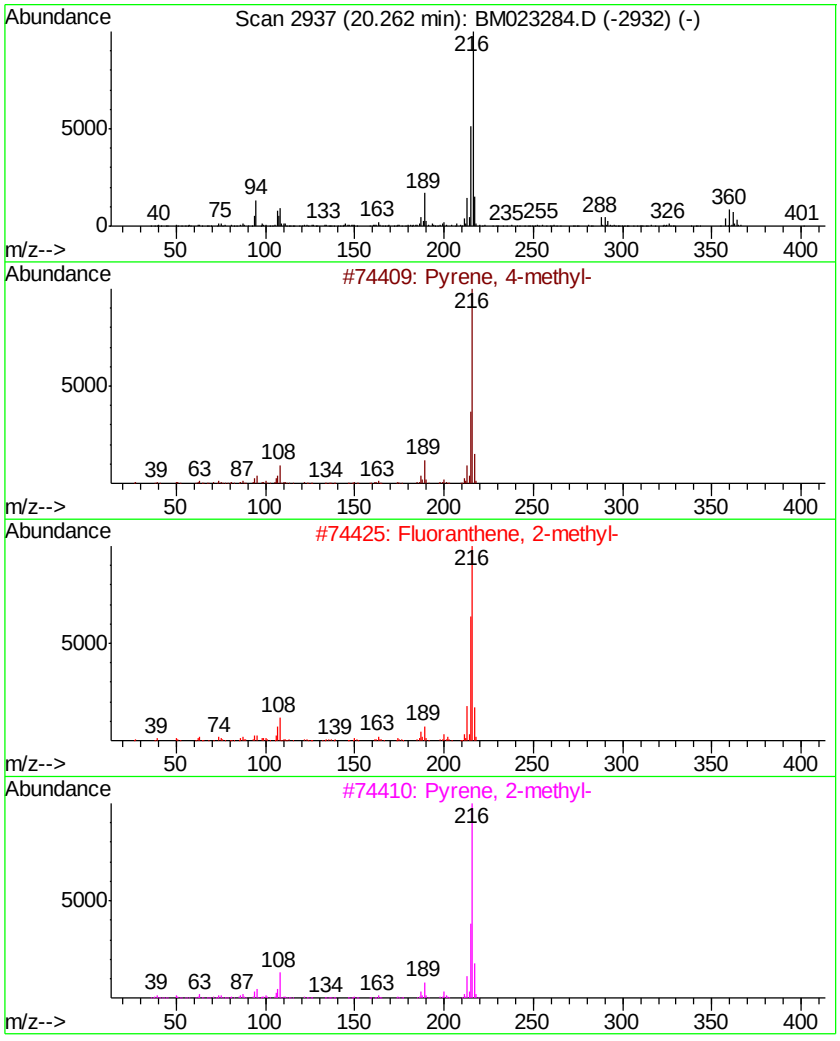
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

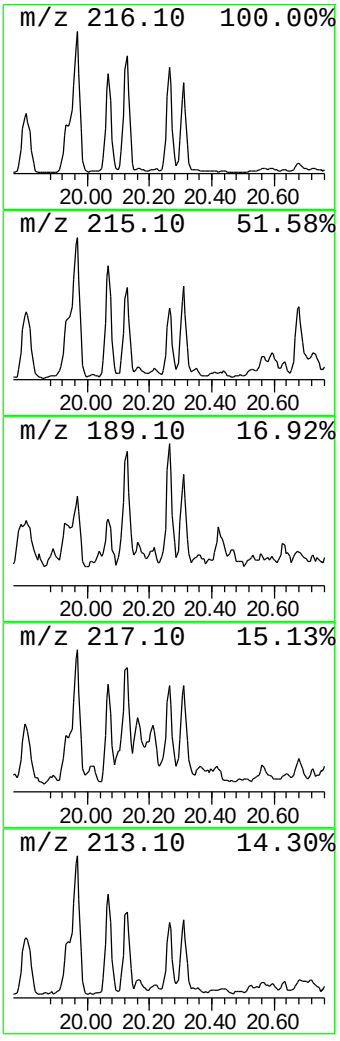
****

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.10 ng/ul	914006	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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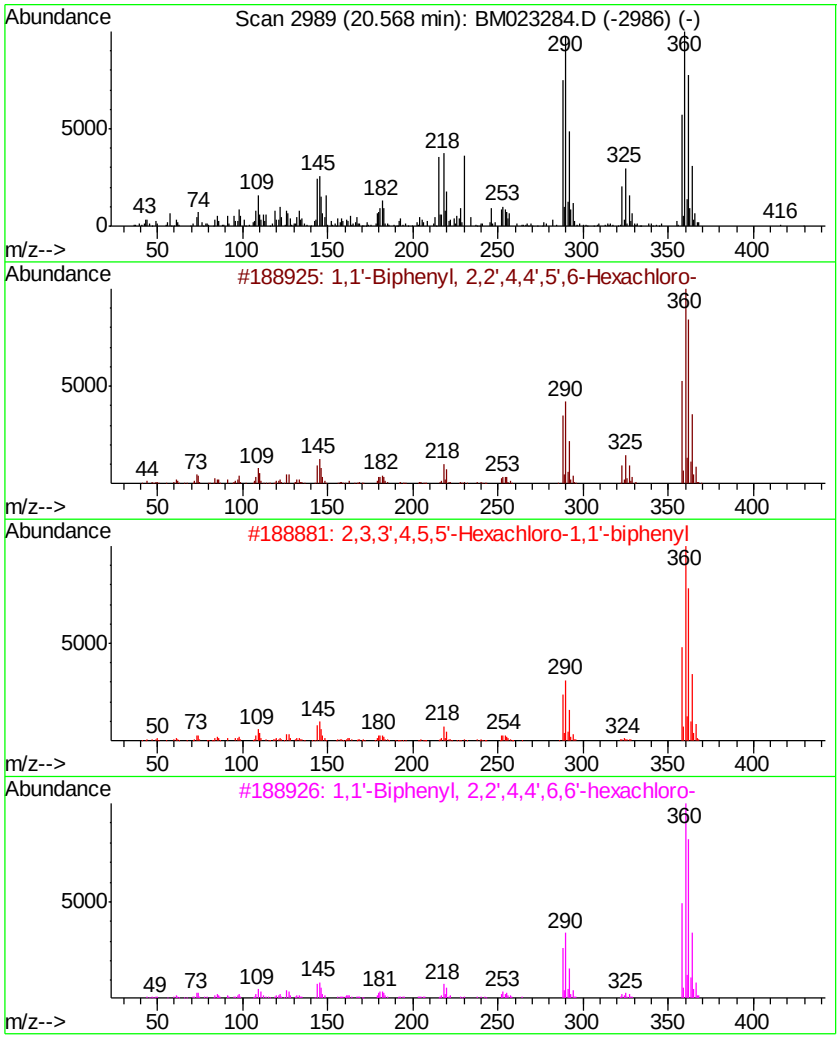
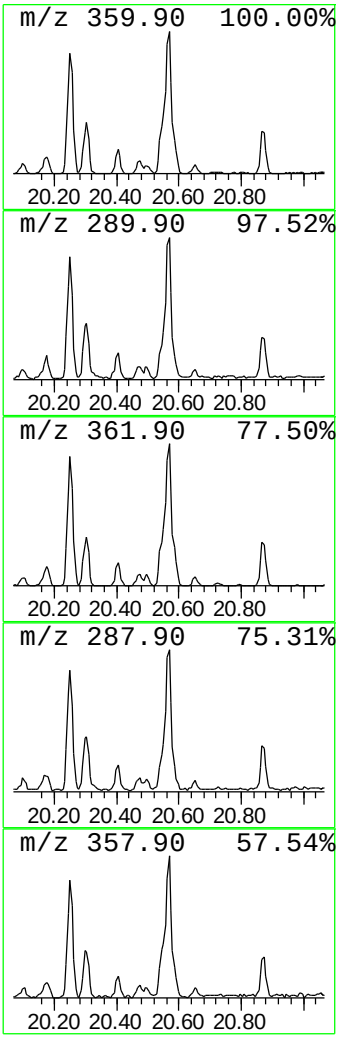
Peak Number 17 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.08 ng/ul	904642	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Library Search Compound Report

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Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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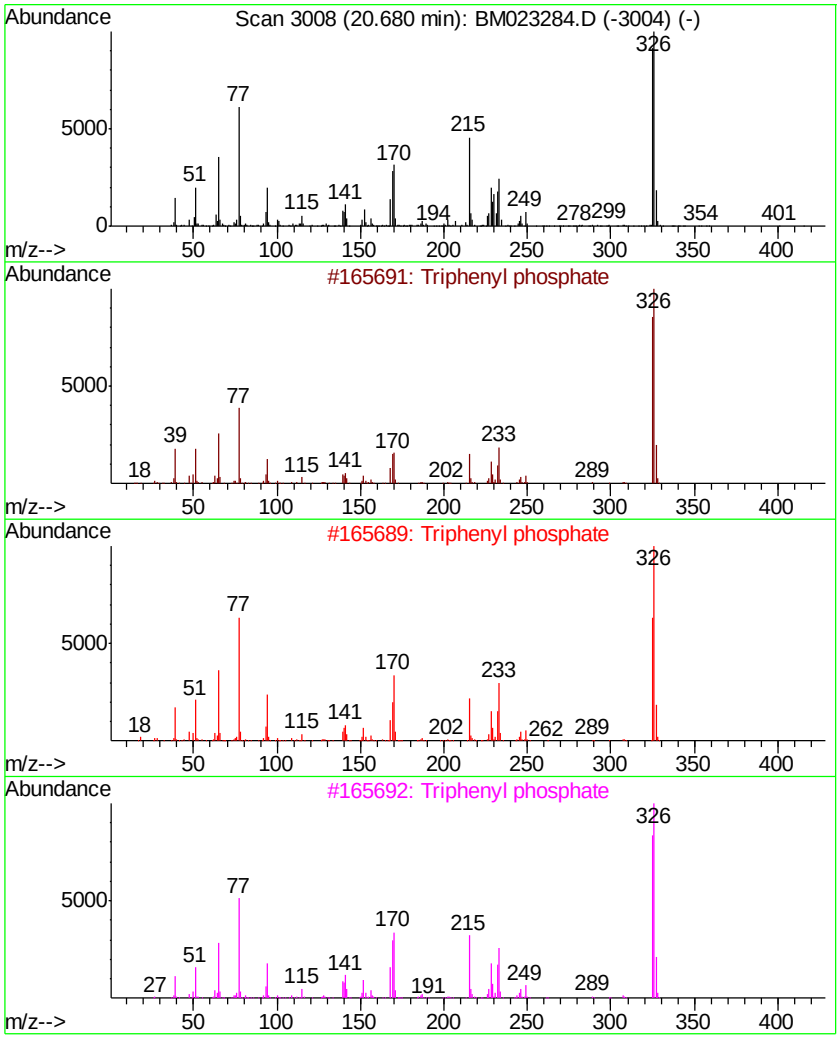
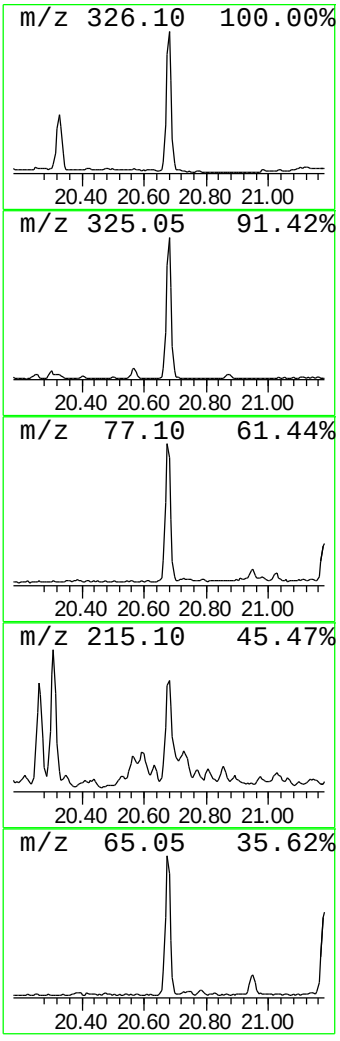
Peak Number 18 Triphenyl phosphate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	3.77 ng/ul	1637680	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenyl phosphate	326	C18H15O4P	000115-86-6	99
2	Triphenyl phosphate	326	C18H15O4P	000115-86-6	98
3	Triphenyl phosphate	326	C18H15O4P	000115-86-6	95
4	Triphenyl phosphate	326	C18H15O4P	000115-86-6	95
5	Triphenyl phosphate	326	C18H15O4P	000115-86-6	89





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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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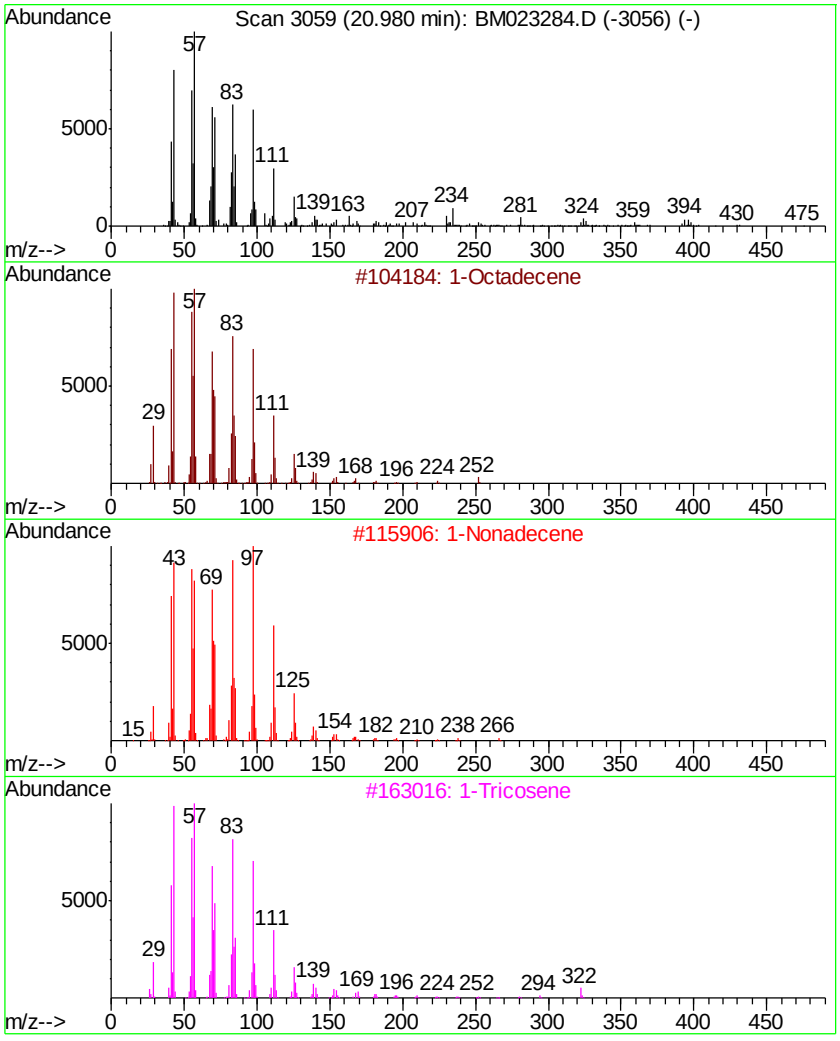
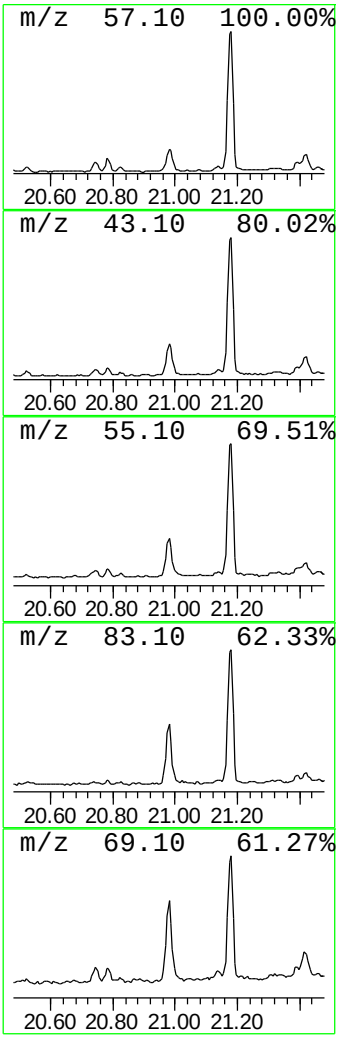
Peak Number 19 (DEL) Alkane: Cyclic20.98 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.14 ng/ul	1796730	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	1-Tricosene	322	C23H46	018835-32-0	93
4	Cyclopentadecane	210	C15H30	000295-48-7	91
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90





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Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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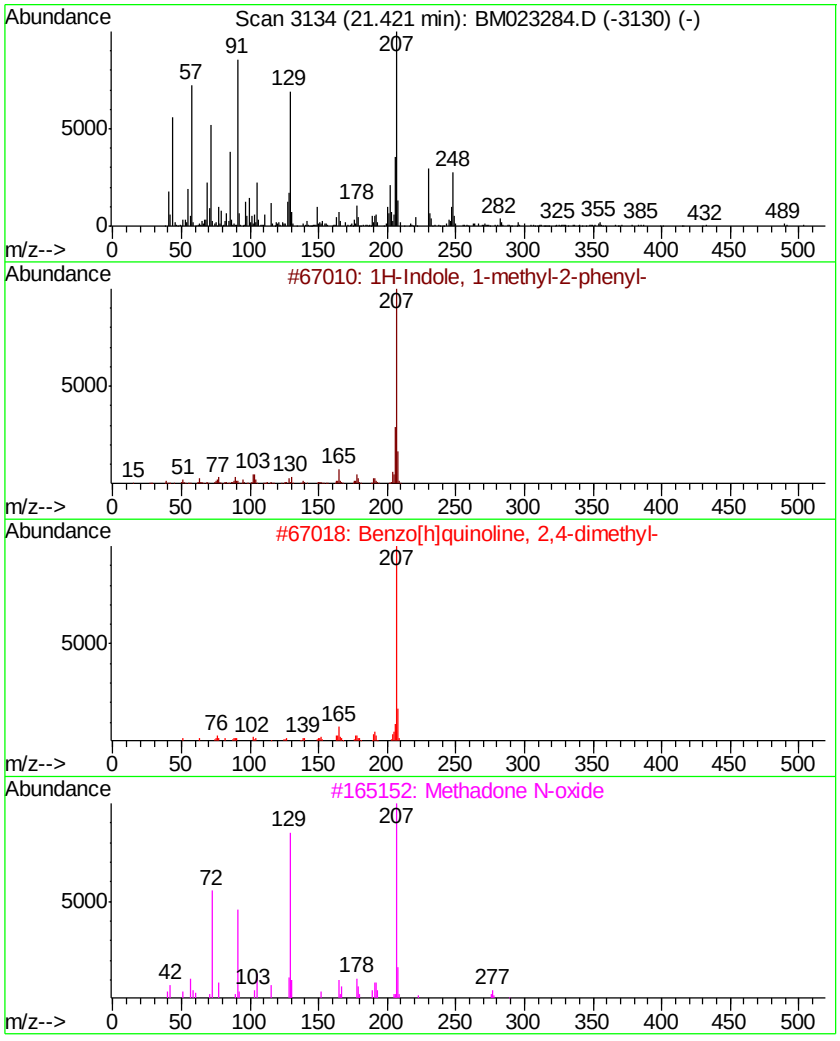
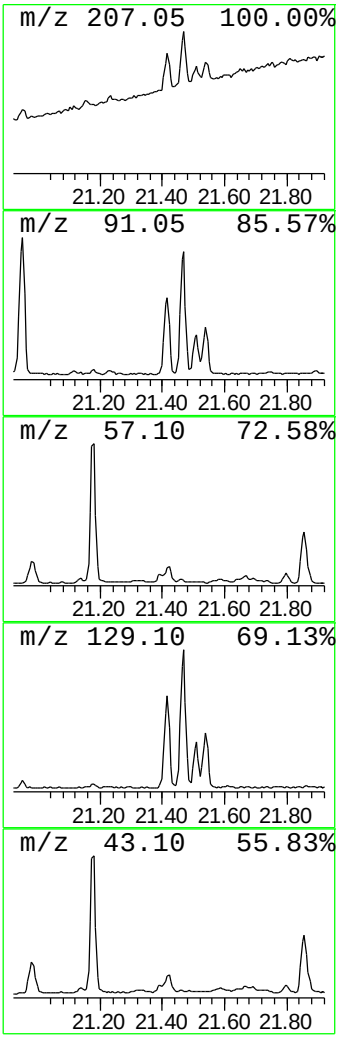
Peak Number 20 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.15 ng/ul	1366200	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	42
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38
3	Methadone N-oxide	325	C21H27NO2	1000120-80-7	38
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	30
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	30





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Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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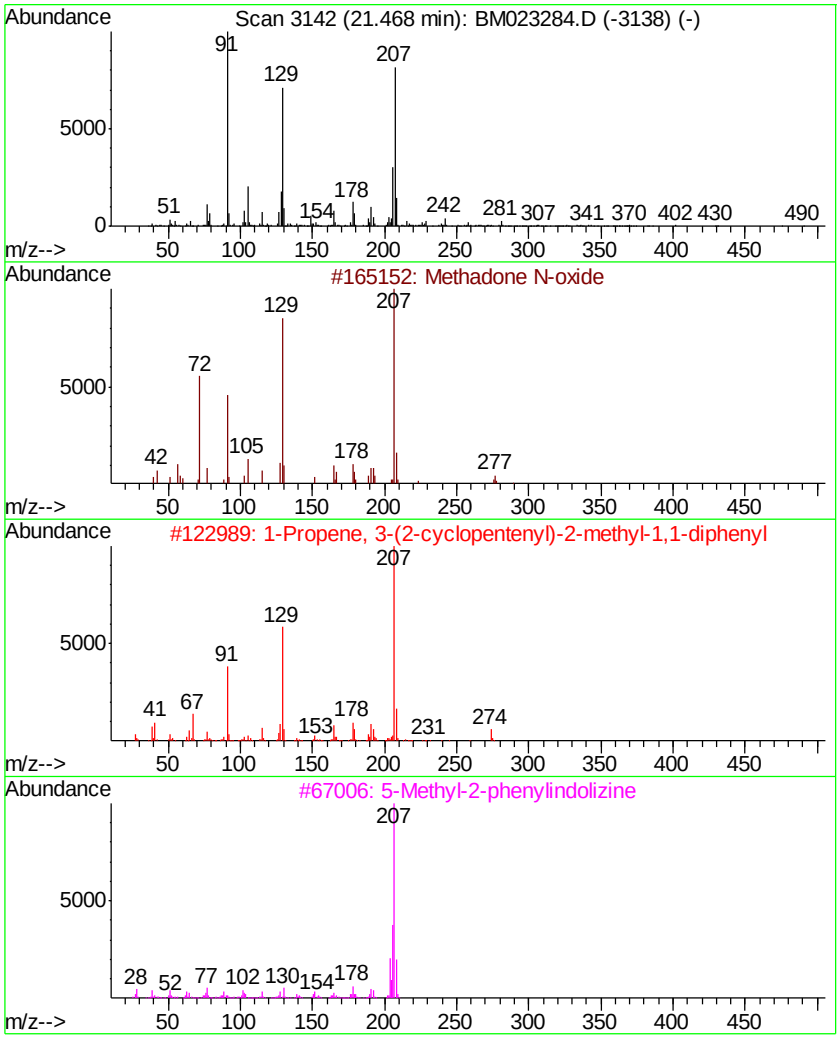
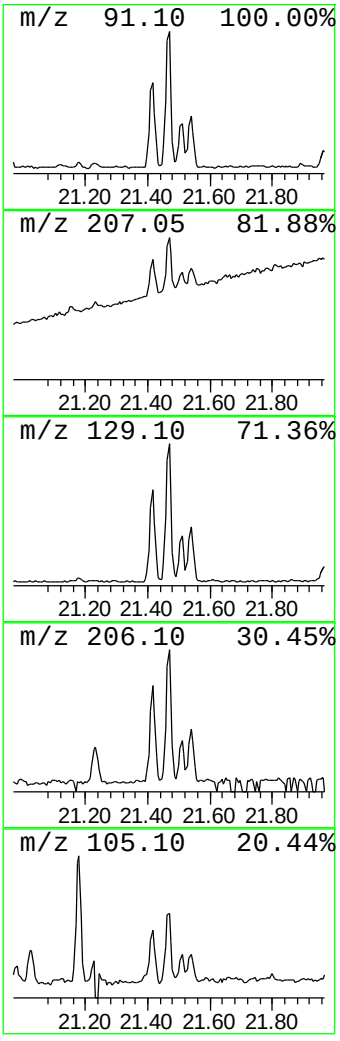
Peak Number 21 Methadone N-oxide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.24 ng/ul	971006	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	59
2	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	59
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	47
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	43
5	Dodecahydropyrido[1,2-b]isoquino...	207	C13H21NO	108873-36-5	38





Library Search Compound Report

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Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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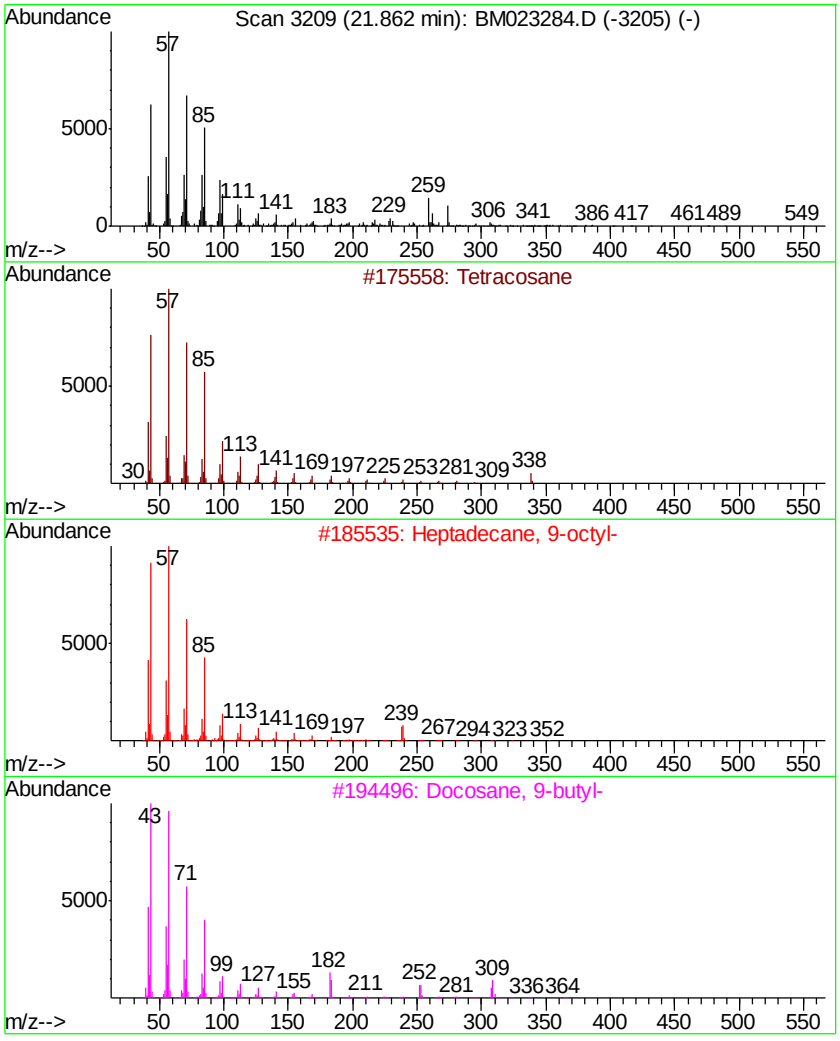
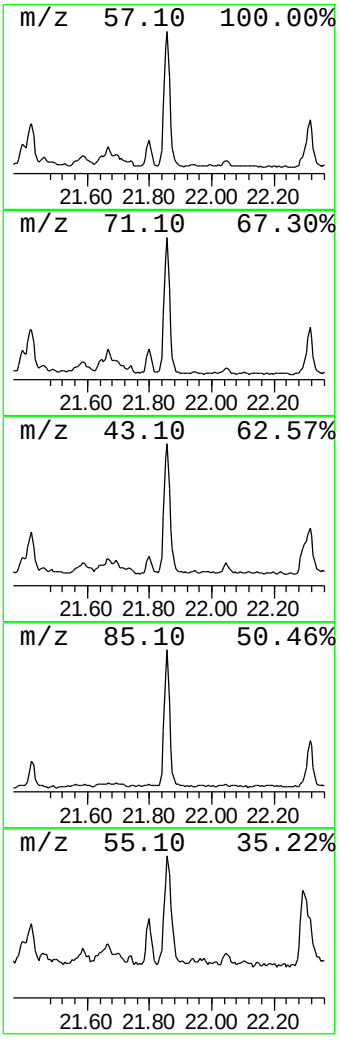
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.22 ng/ul	1397830	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
5	Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	91





Library Search Compound Report

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Data File : BM023284.D
Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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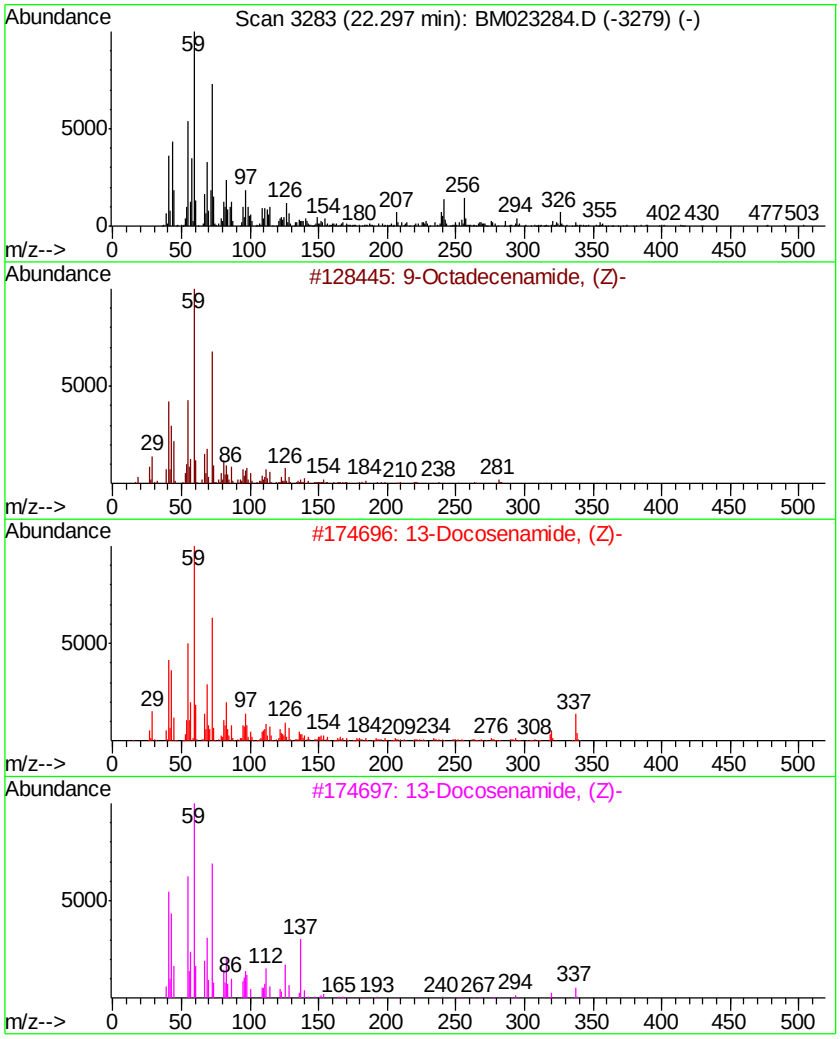
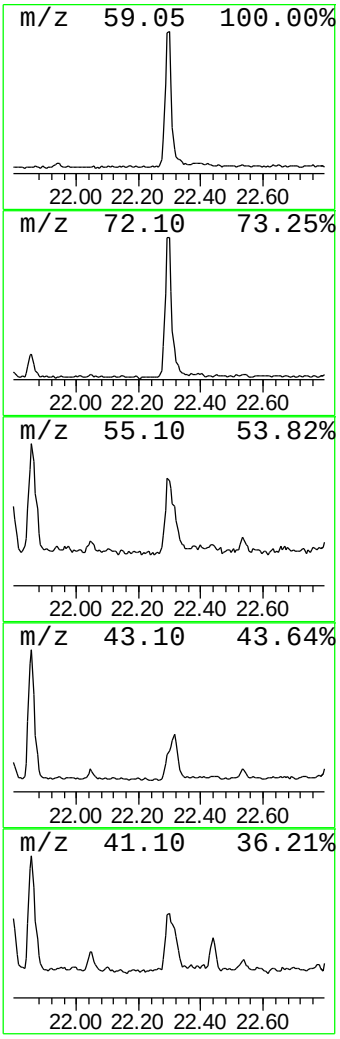
Peak Number 23 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.40 ng/ul	1476790	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5	Octadecanamide	283	C18H37NO	000124-26-5	47





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

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

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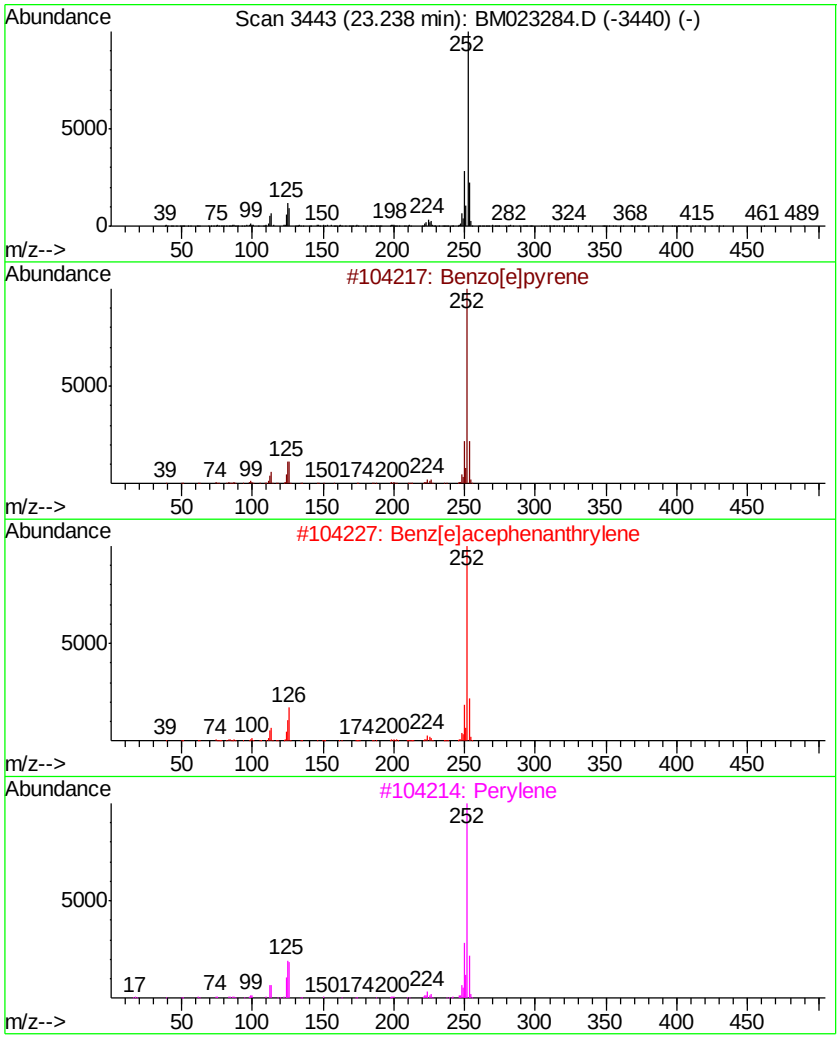
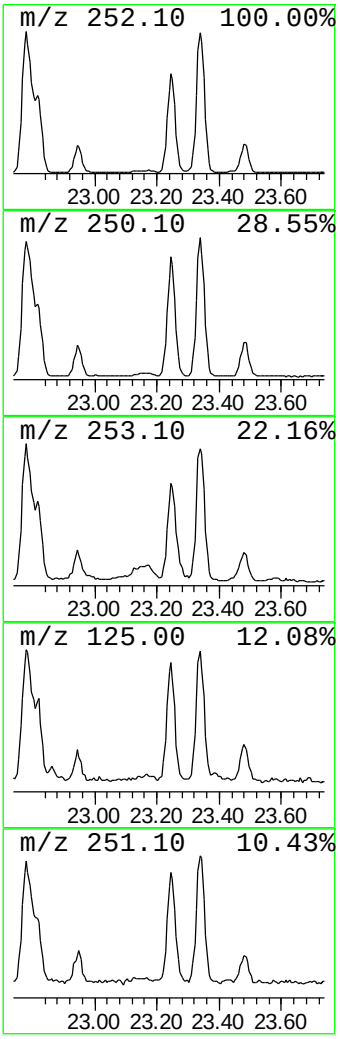
Peak Number 24 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	5.93 ng/ul	1586960	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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Acq On : 19 Oct 2019 12:43
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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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, 3,...	17.64	2.4	ng/ul	573063	4	17.04	4788300	20.0
Phenanthrene, 1-m...	17.92	2.1	ng/ul	493233	4	17.04	4788300	20.0
Phenanthrene, 2-m...	17.96	3.3	ng/ul	786037	4	17.04	4788300	20.0
2,2',4,6'-Tetrach...	18.12	9.0	ng/ul	2164530	4	17.04	4788300	20.0
2,2',4,5-Tetrachl...	18.18	2.7	ng/ul	642858	4	17.04	4788300	20.0
2,2',3,6-Tetrachl...	18.41	3.8	ng/ul	907773	4	17.04	4788300	20.0
Phenanthrene, 2,5...	18.84	2.6	ng/ul	634830	4	17.04	4788300	20.0
2,3',5',6-Tetrach...	18.90	3.6	ng/ul	859862	4	17.04	4788300	20.0
1,1'-Biphenyl, 3,...	18.94	3.4	ng/ul	802894	4	17.04	4788300	20.0
2,2',3,4,6'-Penta...	18.98	7.7	ng/ul	1848740	4	17.04	4788300	20.0
1,1'-Biphenyl, 2,...	19.19	2.3	ng/ul	985206	5	21.23	8687140	20.0
2,2',3,4',5-Penta...	19.26	3.7	ng/ul	1621250	5	21.23	8687140	20.0
1,1'-Biphenyl, 2,...	19.70	3.8	ng/ul	1658530	5	21.23	8687140	20.0
11H-Benzo[b]fluorene	19.97	3.3	ng/ul	1424100	5	21.23	8687140	20.0
2,3,3',4,5-Pentac...	20.02	3.0	ng/ul	1319510	5	21.23	8687140	20.0
Pyrene, 4-methyl-	20.26	2.1	ng/ul	914006	5	21.23	8687140	20.0
1,1'-Biphenyl, 2,...	20.57	2.1	ng/ul	904642	5	21.23	8687140	20.0
Triphenyl phosphate	20.68	3.8	ng/ul	1637680	5	21.23	8687140	20.0
(DEL) Alkane: Cyc...	20.98	4.1	ng/ul	1796730	5	21.23	8687140	20.0
unknown-01	21.42	3.1	ng/ul	1366200	5	21.23	8687140	20.0
Methadone N-oxide	21.47	2.2	ng/ul	971006	5	21.23	8687140	20.0
(DEL) Alkane: Str...	21.86	3.2	ng/ul	1397830	5	21.23	8687140	20.0
9-Octadecenamide,...	22.30	3.4	ng/ul	1476790	5	21.23	8687140	20.0
Benzo[e]pyrene	23.24	5.9	ng/ul	1586960	6	23.43	5353780	20.0