LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023252.D
Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 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	3.681	114	118	124	rVB2	54873	74502	0.73%	0.059%
2	3.898	151	155	161	rVB	64917	90029	0.88%	0.071%
3	6.834	645	654	667	rVB2	575880	1051068	10.24%	0.830%
4	6.998	676	682	690	rBV	403185	661086	6.44%	0.522%
5	7.192	707	715	723	rBV	599274	957247	9.32%	0.756%
6	7.657	787	794	803	rBV	1760069	2713213	26.42%	2.143%
7	8.363	907	914	922	rBV	646665	1030710	10.04%	0.814%
8	8.804	976	989	1000	rBV	528400	884266	8.61%	0.698%
9	9.522	1103	1111	1119	rBV	408205	695812	6.78%	0.550%
10	10.063	1194	1203	1213	rVV	705657	1198331	11.67%	0.947%
11	10.439	1258	1267	1274	rBV	2275086	3816379	37.17%	3.014%
12	10.575	1283	1290	1304	rVV	393272	744335	7.25%	0.588%
13	12.110	1546	1551	1558	rVB2	32554	65244	0.64%	0.052%
14	13.139	1721	1726	1733	rVB3	24515	60021	0.58%	0.047%
15	13.627	1804	1809	1814	rBV4	46734	82079	0.80%	0.065%
16	13.721	1819	1825	1829	rVV	1223738	1708174	16.64%	1.349%
17	13.768	1829	1833	1839	rVB	429754	598596	5.83%	0.473%
18	13.992	1865	1871	1880	rBV	1474037	2286784	22.27%	1.806%
19	14.304	1917	1924	1930	rBV	3688459	5362427	52.22%	4.236%
20	14.363	1930	1934	1943	rVB2	115525	202758	1.97%	0.160%
21	14.504	1952	1958	1967	rBV	386838	624102	6.08%	0.493%
22	14.727	1988	1996	2002	rVV4	89845	200024	1.95%	0.158%
23	15.110	2053	2061	2063	rBV7	27709	59313	0.58%	0.047%
24	15.298	2087	2093	2099	rVV	1791813	2667257	25.98%	2.107%
25	15.357	2099	2103	2109	rVB	99958	163411	1.59%	0.129%
26	15.421	2109	2114	2121	rBV	281551	448383	4.37%	0.354%
27	15.568	2136	2139	2143	rVV2	65224	87236	0.85%	0.069%
28	15.804	2175	2179	2186	rVB3	34095	67103	0.65%	0.053%
29	16.415	2278	2283	2288	rBV5	88954	132978	1.30%	0.105%
30	16.592	2306	2313	2317	rBV5	72797	138551	1.35%	0.109%
31	16.668	2322	2326	2330	rVB	75112	103448	1.01%	0.082%
32	16.939	2368	2372	2375	rBV2	99689	124189	1.21%	0.098%
33	16.974	2375	2378	2382	rVB	121873	149968	1.46%	0.118%
34	17.051	2385	2391	2395	rBV	4517834	6413201	62.46%	5.066%

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Misc :
ALS Vial : 31 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	17.092	2395	2398	2402	rVV	1115217	1437698	14.00%	1.136%
36	17.145	2402	2407	2412	rVV	1927643	2917545	28.41%	2.304%
37	17.180	2412	2413	2418	rVB	326272	303809	2.96%	0.240%
38	17.239	2418	2423	2428	rBV4	131454	237864	2.32%	0.188%
39	17.451	2455	2459	2464	rVB	77338	111714	1.09%	0.088%
40	17.509	2465	2469	2472	rVV	185962	244958	2.39%	0.193%
41	17.539	2472	2474	2478	rVB3	94368	116263	1.13%	0.092%
42	17.645	2487	2492	2500	rVB3	238739	535545	5.22%	0.423%
43	17.774	2510	2514	2522	rVB3	195860	298068	2.90%	0.235%
44	17.851	2524	2527	2532	rBV6	89647	132276	1.29%	0.104%
45	17.927	2535	2540	2544	rBV	272454	442737	4.31%	0.350%
46	17.974	2544	2548	2555	rVB	462065	655487	6.38%	0.518%
47	18.039	2555	2559	2560	rBV	181511	209195	2.04%	0.165%
48	18.127	2567	2574	2578	rBV3	1122662	1976545	19.25%	1.561%
49	18.192	2581	2585	2588	rVB	474675	597311	5.82%	0.472%
50	18.233	2588	2592	2596	rBV	349807	421721	4.11%	0.333%
51	18.356	2611	2613	2617	rVB4	85851	95135	0.93%	0.075%
52	18.415	2619	2623	2628	rVV3	479516	871907	8.49%	0.689%
53	18.462	2628	2631	2634	rVV2	305457	434518	4.23%	0.343%
54	18.492	2634	2636	2641	rVV3	187603	234875	2.29%	0.186%
55	18.550	2642	2646	2650	rVV3	250316	439530	4.28%	0.347%
56	18.592	2650	2653	2659	rVB2	318444	398240	3.88%	0.315%
57	18.686	2665	2669	2673	rVB3	198732	303487	2.96%	0.240%
58	18.733	2674	2677	2680	rBV2	127274	170298	1.66%	0.135%
59	18.850	2693	2697	2702	rBV	364456	538316	5.24%	0.425%
60	18.903	2702	2706	2711	rBV4	467361	813680	7.92%	0.643%
61	18.950	2711	2714	2717	rVV2	513015	756214	7.36%	0.597%
62	18.986	2717	2720	2728	rVB4	1069344	1662158	16.19%	1.313%
63	19.068	2731	2734	2737	rVB4	150403	159446	1.55%	0.126%
64	19.109	2737	2741	2747	rVB	2570521	3425239	33.36%	2.705%
65	19.192	2751	2755	2763	rBV7	342974	870580	8.48%	0.688%
66	19.268	2763	2768	2772	rBV	1104474	1519996	14.80%	1.201%
67	19.333	2775	2779	2787	rVB3	448296	717388	6.99%	0.567%
68	19.445	2793	2798	2801	rBV2	2877547	4492347	43.75%	3.548%
69	19.474	2801	2803	2807	rVV	2956985	3286008	32.00%	2.595%
70	19.527	2810	2812	2817	rVB2	231852	279772	2.72%	0.221%
71	19.609	2822	2826	2830	rVV	414354	526162	5.12%	0.416%

LSC Area Percent Report

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

72	19.656	2831	2834	2837	rVV2	358571	413769	4.03%	0.327%
73	19.715	2840	2844	2850	rVB	1272411	1609521	15.67%	1.271%
74	19.809	2855	2860	2864	rBV2	323332	683556	6.66%	0.540%
75	19.939	2879	2882	2884	rBV3	208628	294008	2.86%	0.232%
76	19.974	2885	2888	2893	rVB2	946691	1354985	13.20%	1.070%
77	20.027	2893	2897	2902	rBV	991278	1301892	12.68%	1.028%
78	20.074	2902	2905	2909	rBV	475382	574418	5.59%	0.454%
79	20.133	2912	2915	2918	rVB	420859	489892	4.77%	0.387%
80	20.262	2933	2937	2942	rBV2	545889	896506	8.73%	0.708%
81	20.315	2942	2946	2948	rBV2	540913	784522	7.64%	0.620%
82	20.574	2987	2990	2998	rVB3	583964	853219	8.31%	0.674%
83	20.686	3005	3009	3013	rBV	1344576	1629187	15.87%	1.287%
84	20.791	3025	3027	3031	rVB	314318	305476	2.97%	0.241%
85	20.962	3053	3056	3057	rBV2	519345	574894	5.60%	0.454%
86	20.986	3057	3060	3068	rVB4	1041394	1645404	16.02%	1.300%
87	21.186	3090	3094	3098	rBV	7547737	8197325	79.83%	6.475%
88	21.239	3098	3103	3107	rVV2	6168408	10268274	100.00%	8.110%
89	21.280	3107	3110	3116	rVB	1972696	2414652	23.52%	1.907%
90	21.403	3127	3131	3132	rBV2	514809	668725	6.51%	0.528%
91	21.427	3132	3135	3140	rVV3	922392	1239487	12.07%	0.979%
92	21.474	3140	3143	3147	rVV2	665569	860712	8.38%	0.680%
93	21.868	3207	3210	3215	rVB2	1145728	1464065	14.26%	1.156%
94	22.309	3282	3285	3294	rVB4	809197	1531835	14.92%	1.210%
95	22.791	3363	3367	3371	rBV	1365775	2716434	26.45%	2.146%
96	22.833	3371	3374	3379	rVB2	1860426	2772490	27.00%	2.190%
97	23.262	3444	3447	3451	rBV	711112	917036	8.93%	0.724%
98	23.315	3451	3456	3460	rVV	1723237	2927669	28.51%	2.312%
99	23.356	3460	3463	3468	rVB	1258353	1791395	17.45%	1.415%
100	23.456	3474	3480	3485	rVB	4036870	7127734	69.42%	5.630%

Sum of corrected areas: 126605339

LSC Report - Integrated Chromatogram

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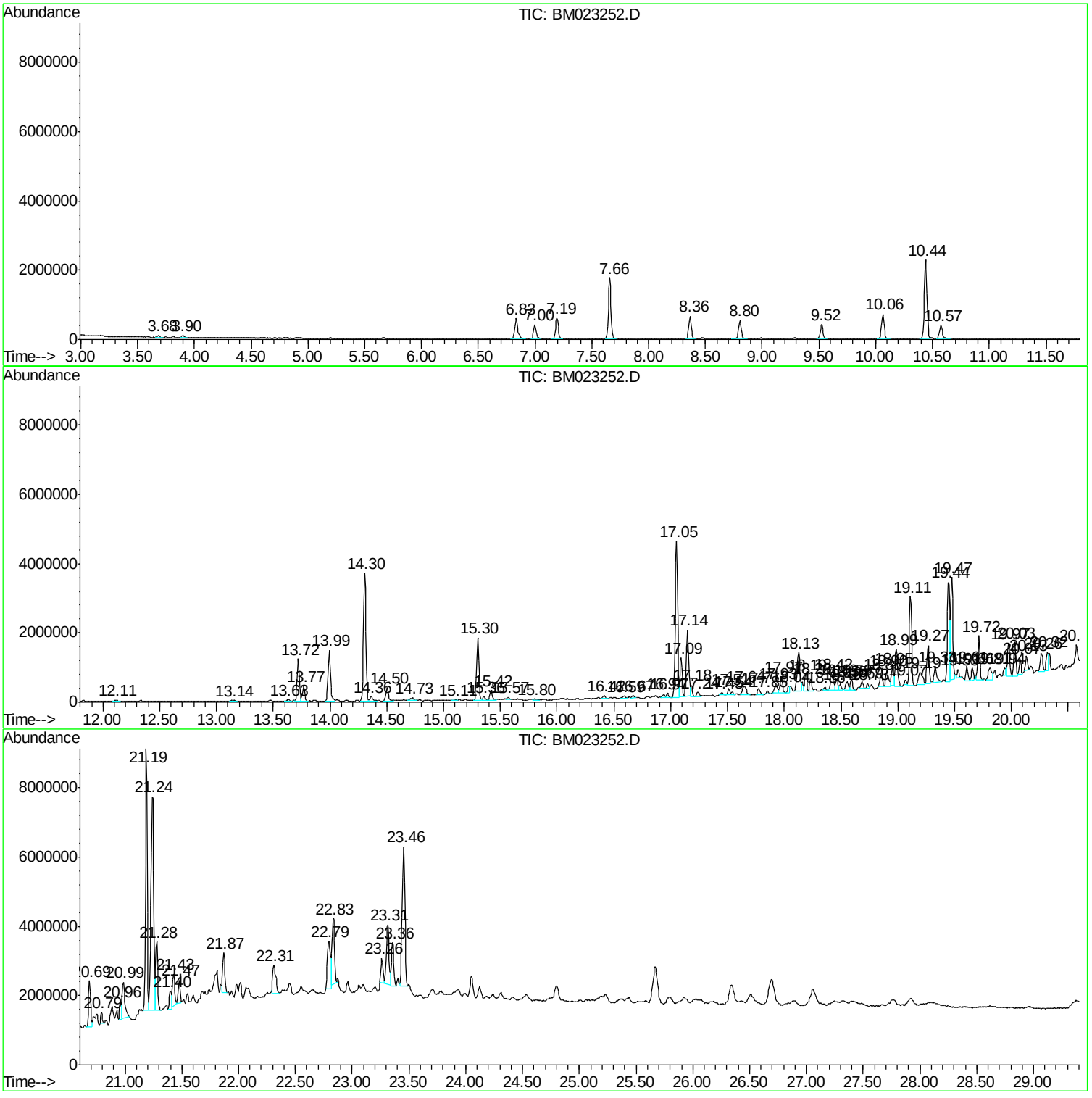
Data File : BM023252.D
Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

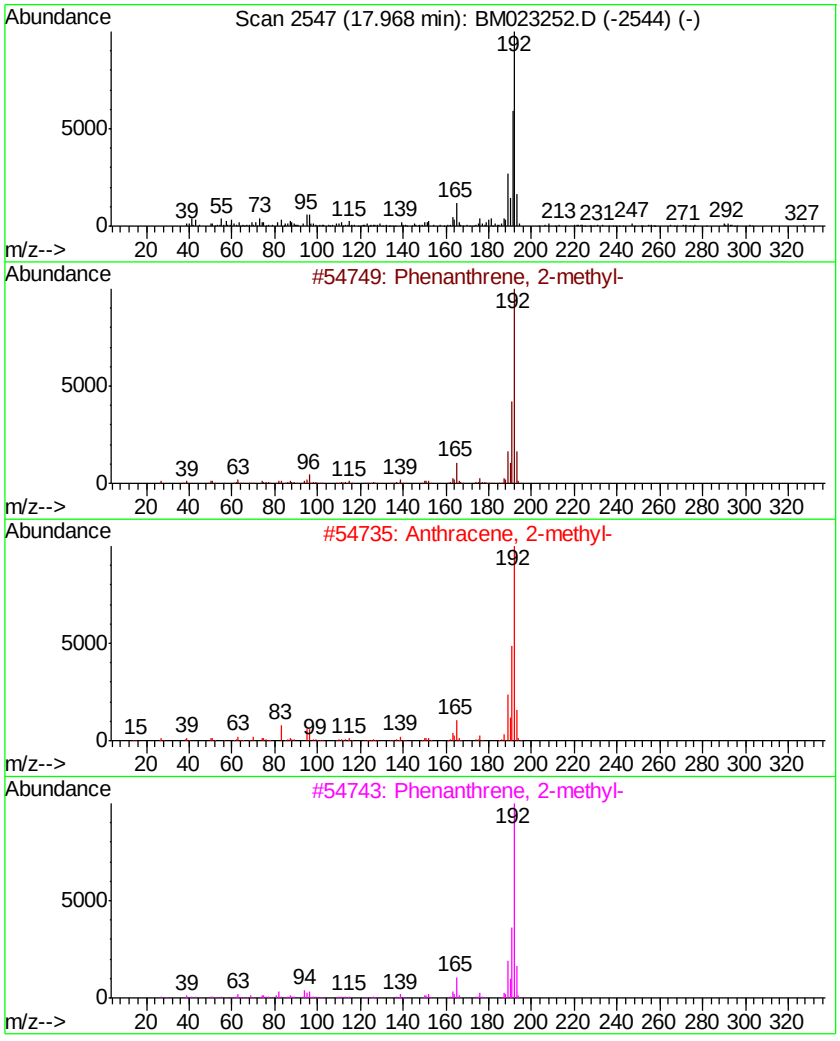
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

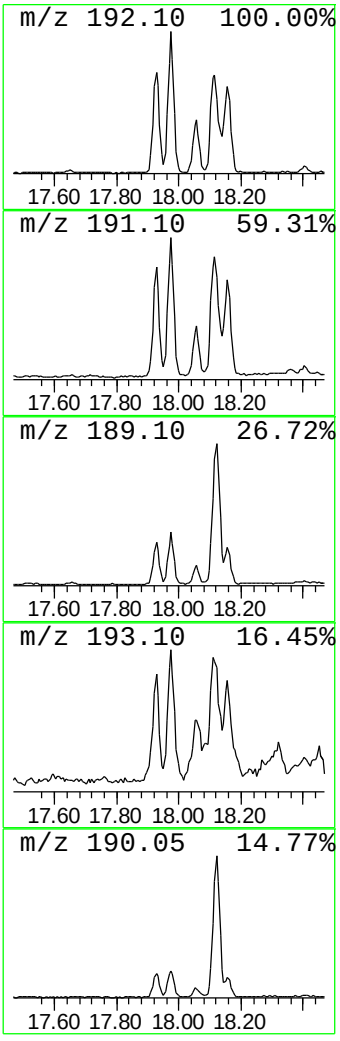
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.04 ng/ul	655487	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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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

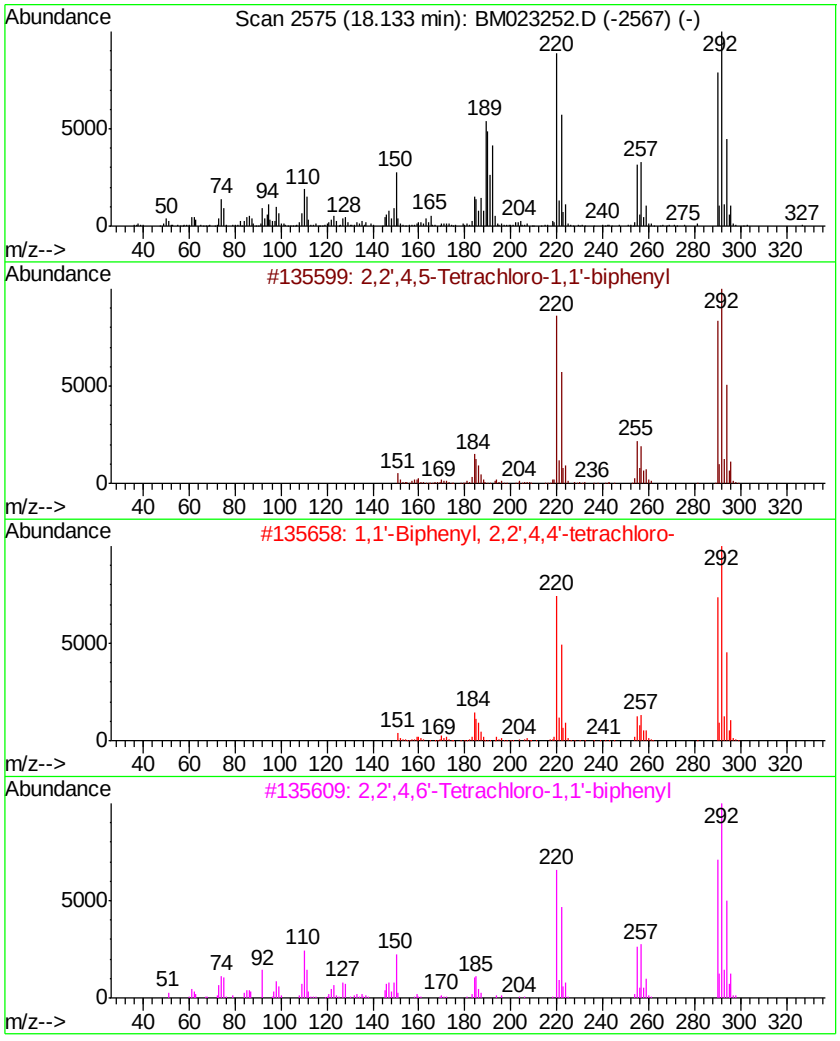
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

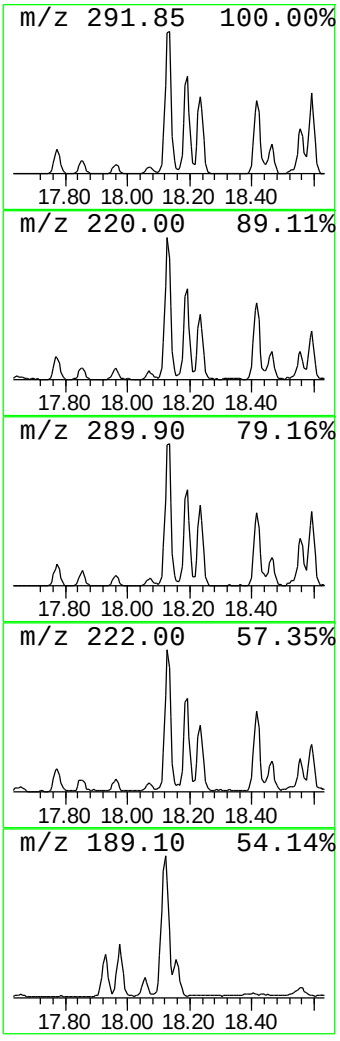
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	6.16 ng/ul	1976550	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	97
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	97
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97





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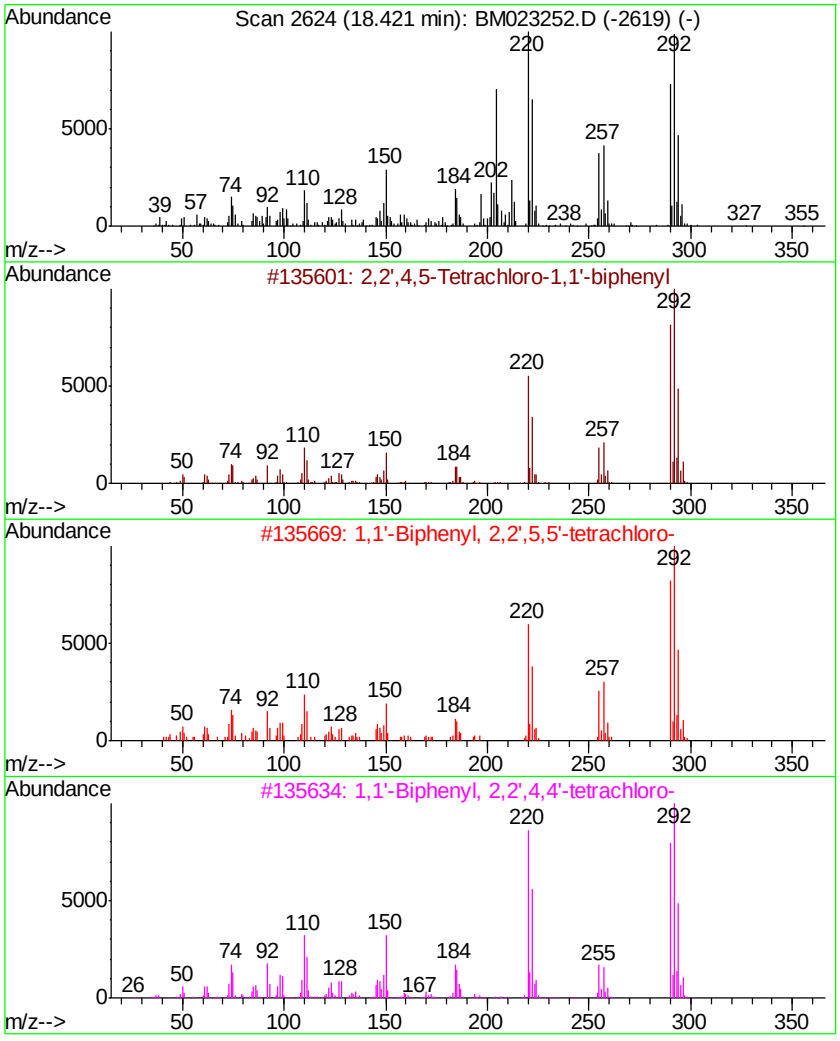
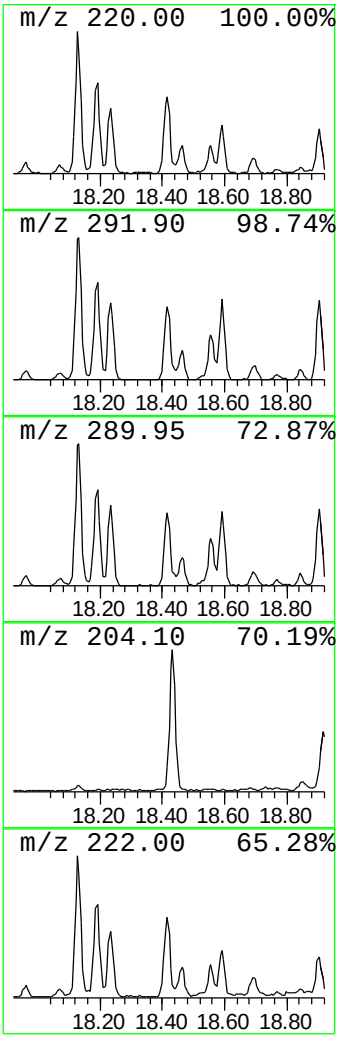
****

Peak Number 3 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.72 ng/ul	871907	Phenanthrene-d10	17.05

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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





Library Search Compound Report

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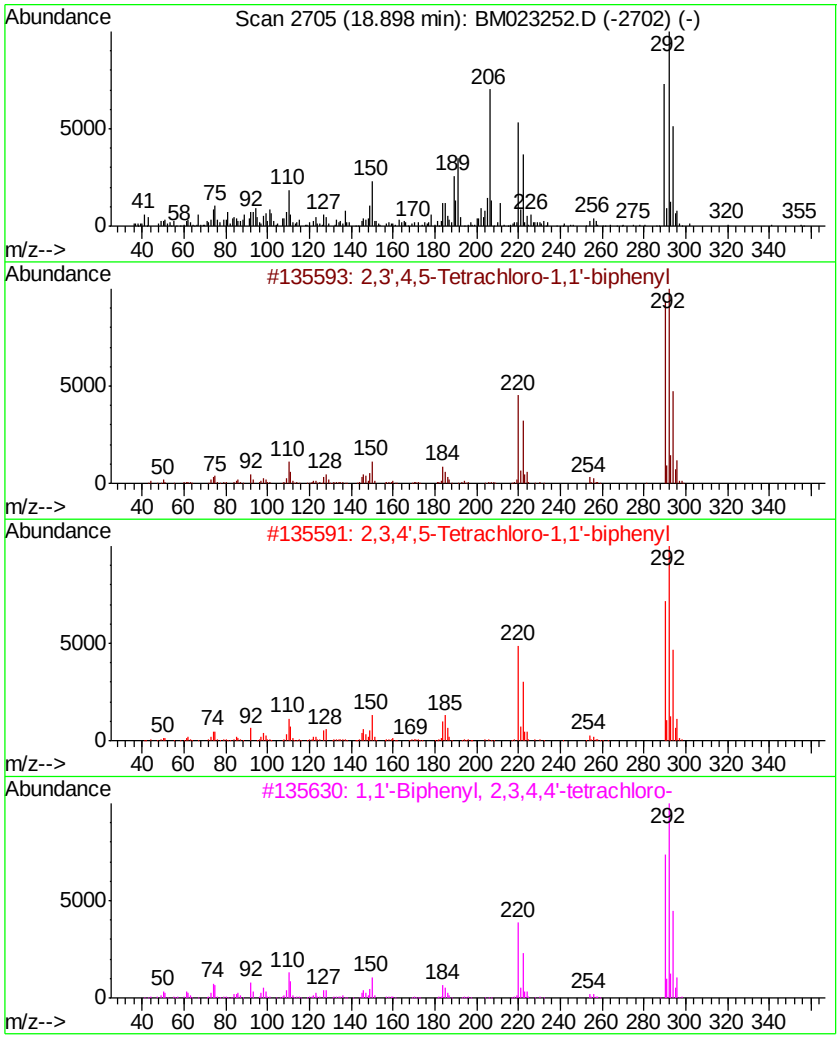
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

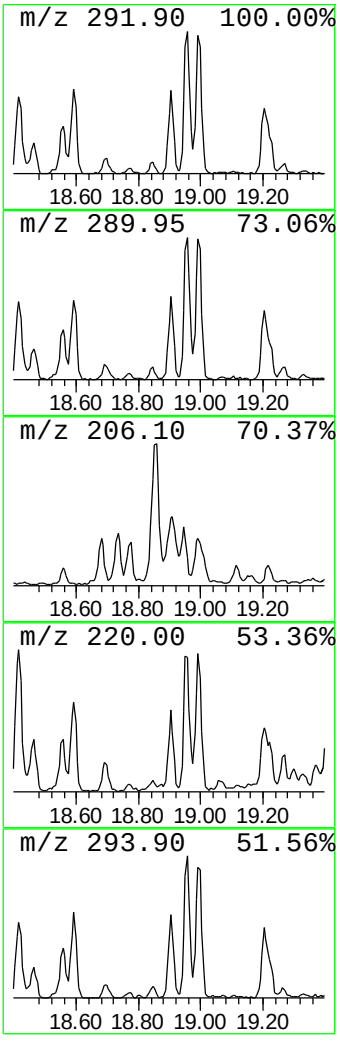
****

Peak Number 4 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.54 ng/ul	813680	Phenanthrene-d10	17.05

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	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
3	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99





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Quant Title : SVOA CALIBRATION

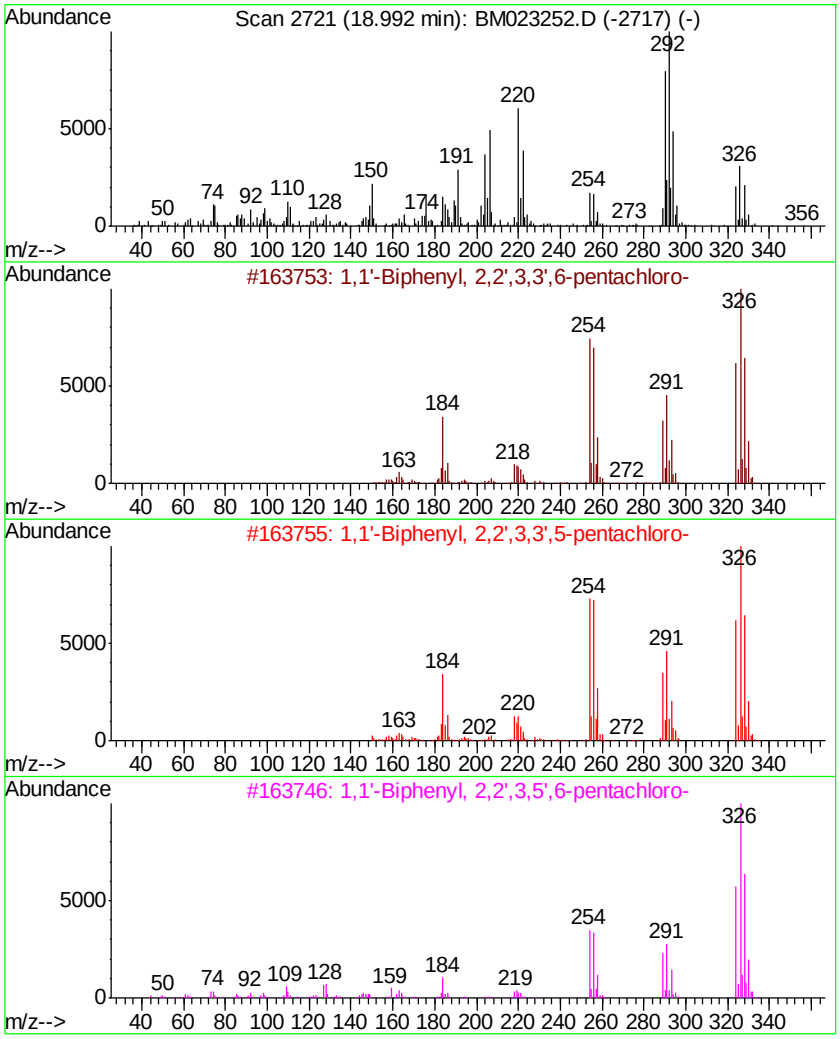
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

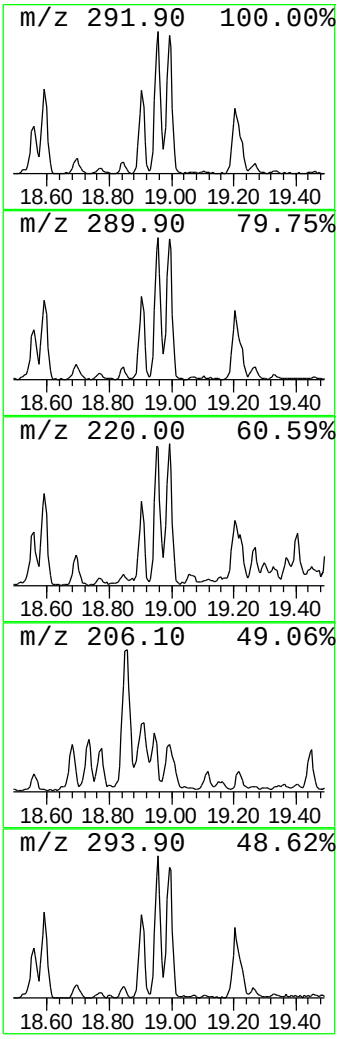
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.18 ng/ul	1662160	Phenanthrene-d10	17.05

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, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023252.D
Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

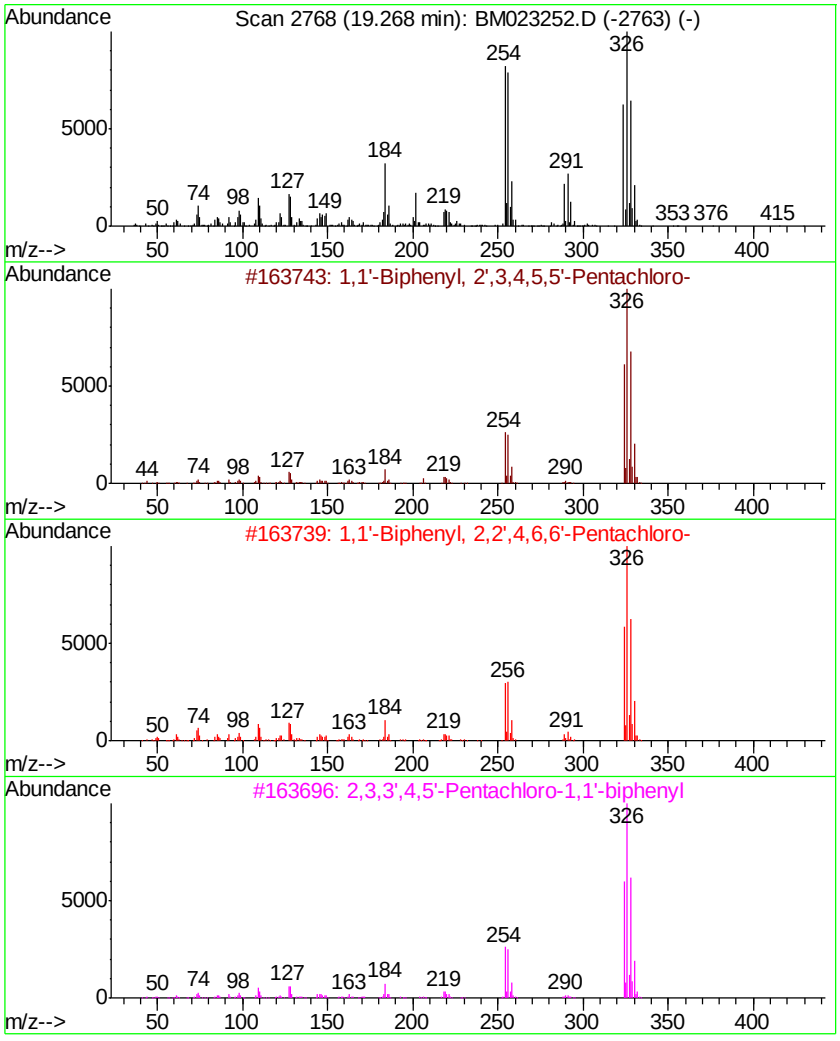
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

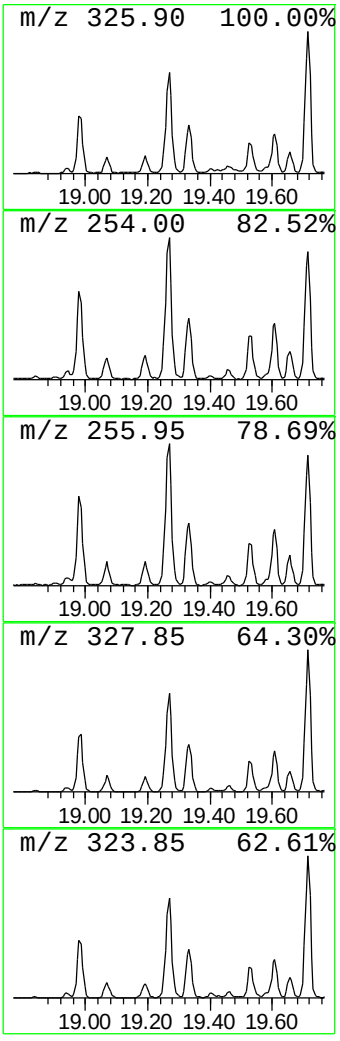
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.96 ng/ul	1520000	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	98





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

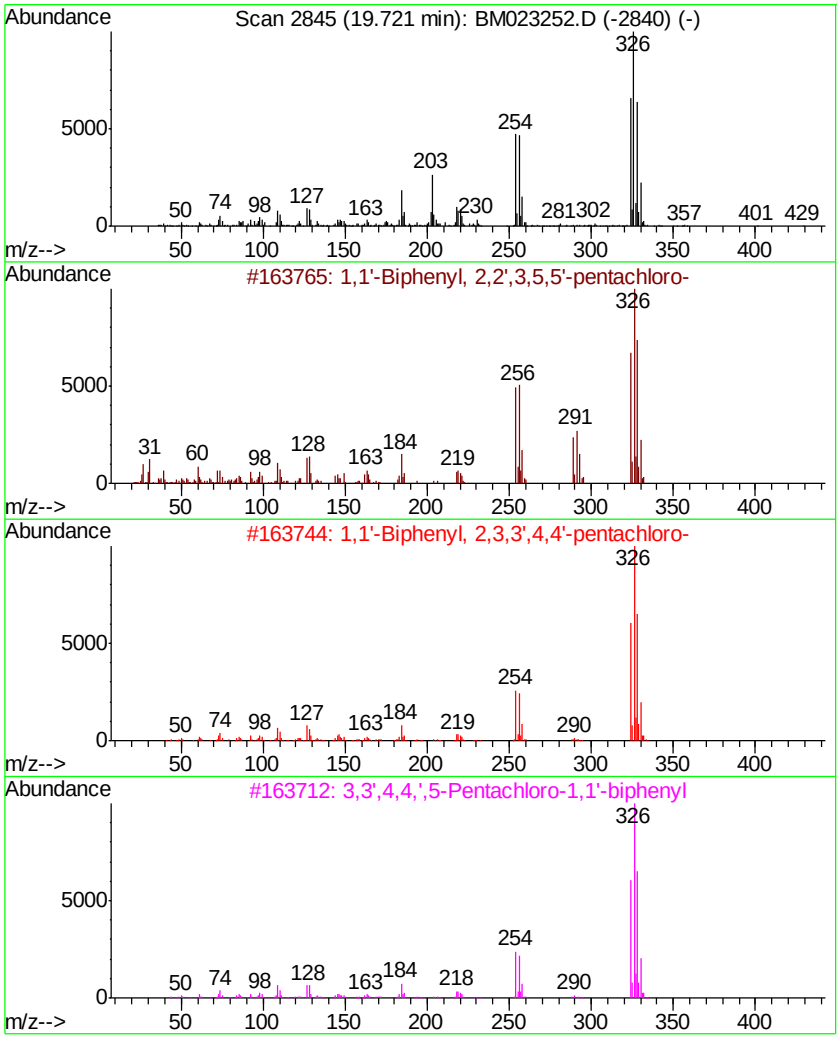
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

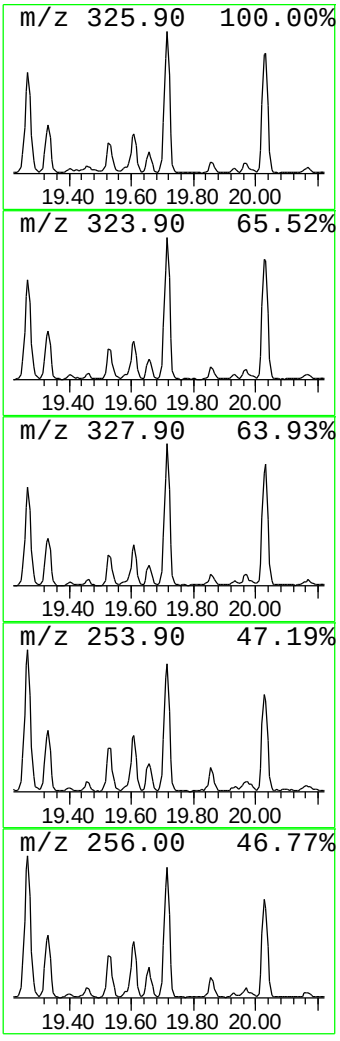
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.13 ng/ul	1609520	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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Quant Title : SVOA CALIBRATION

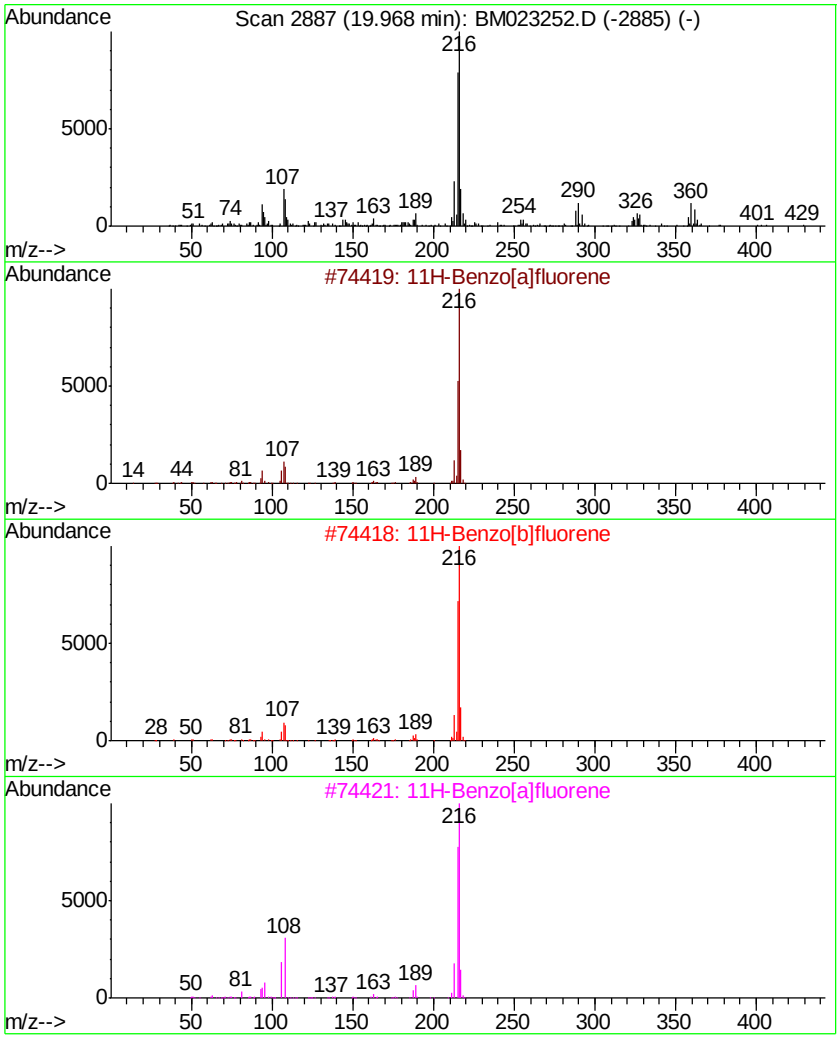
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

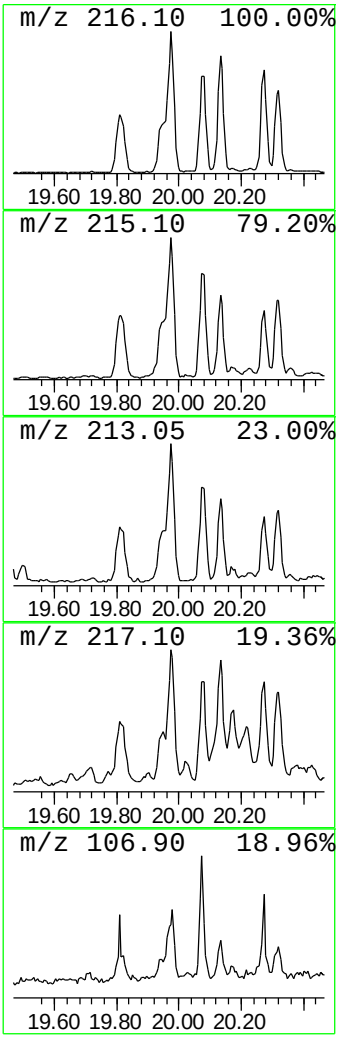
****

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.64 ng/ul	1354990	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5DL

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

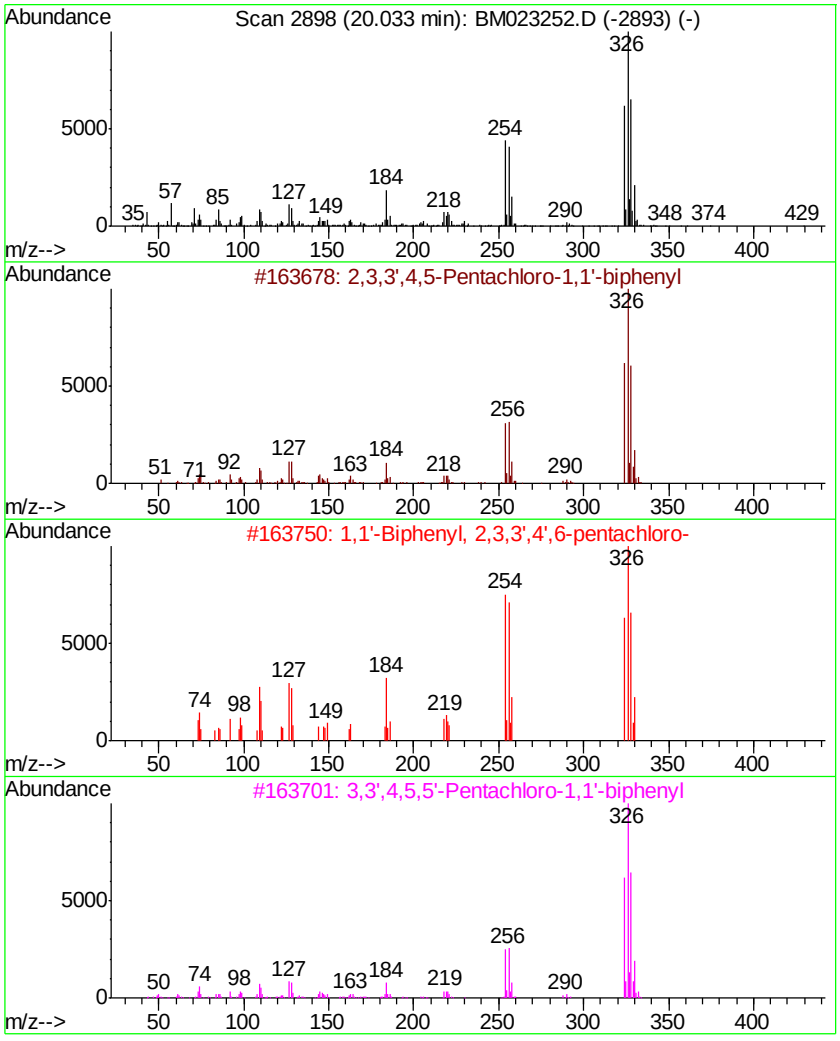
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

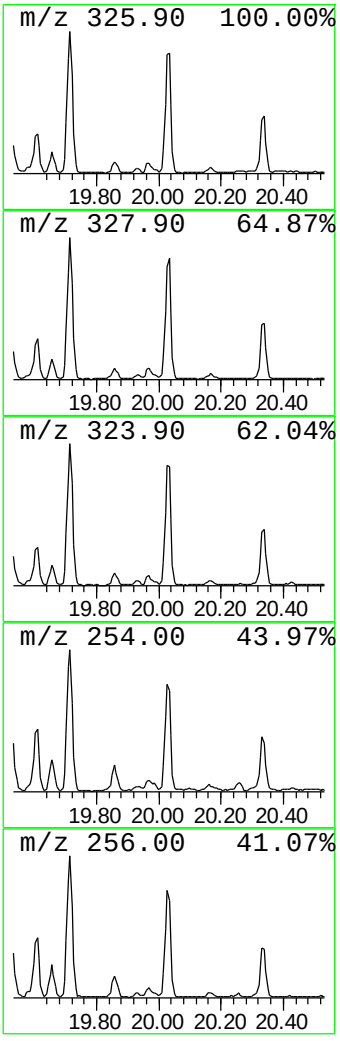
****

Peak Number 10 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.54 ng/ul	1301890	Chrysene-d12	21.24

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',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





Library Search Compound Report

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Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
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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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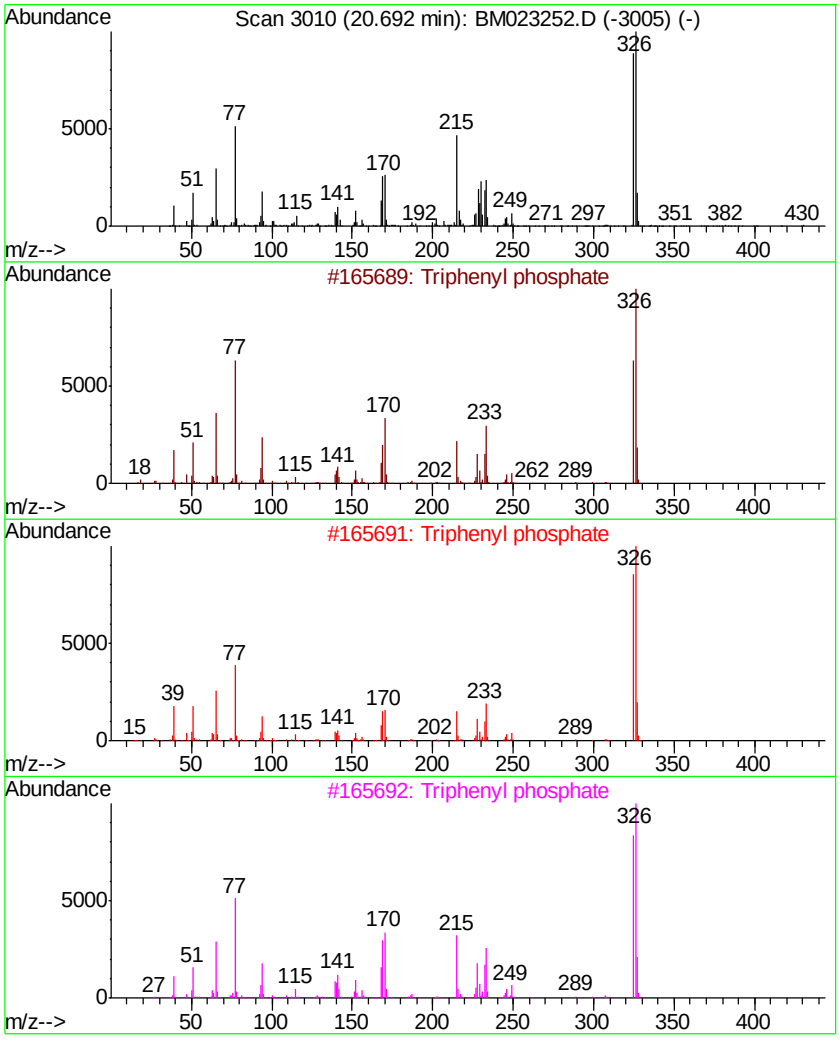
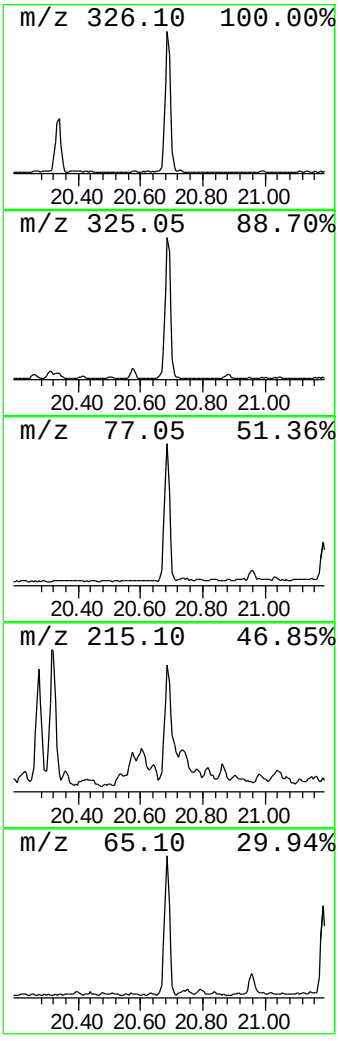
Peak Number 11 Triphenyl phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	3.17 ng/ul	1629190	Chrysene-d12	21.24

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	99
3	Triphenyl phosphate	326	C18H15O4P	000115-86-6	95
4	Triphenyl phosphate	326	C18H15O4P	000115-86-6	90
5	Triphenyl phosphate	326	C18H15O4P	000115-86-6	83





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Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 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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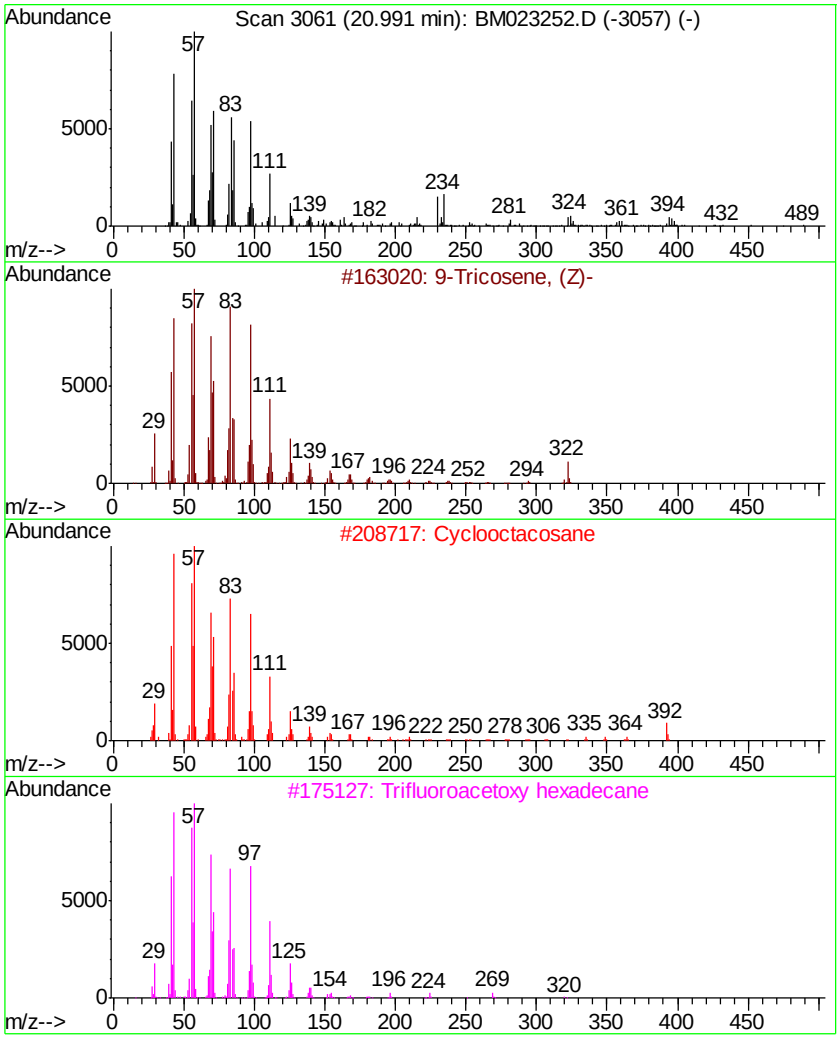
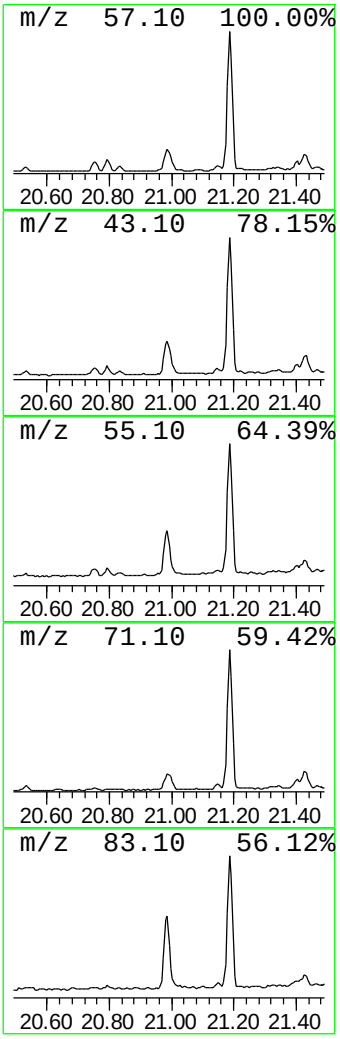
Peak Number 12 (DEL) Alkane: Cyclic20.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.20 ng/ul	1645400	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	Cyclooctacosane	392	C28H56	000297-24-5	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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Acq On : 18 Oct 2019 11:15
Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 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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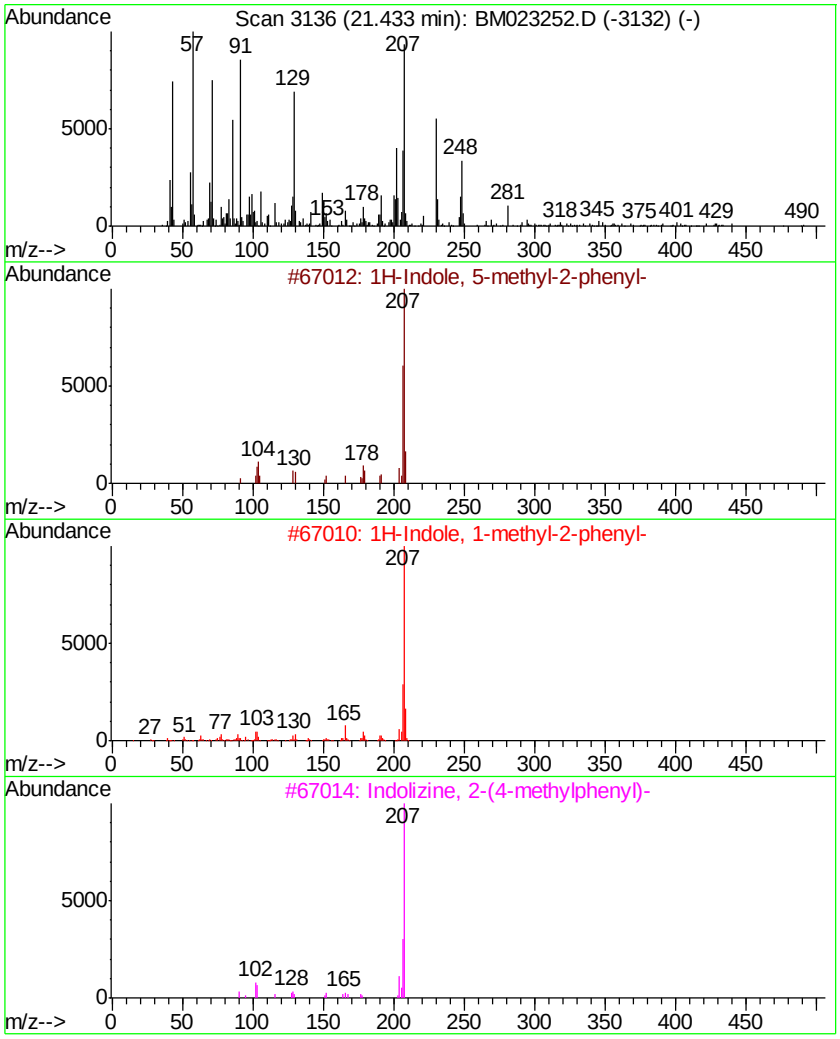
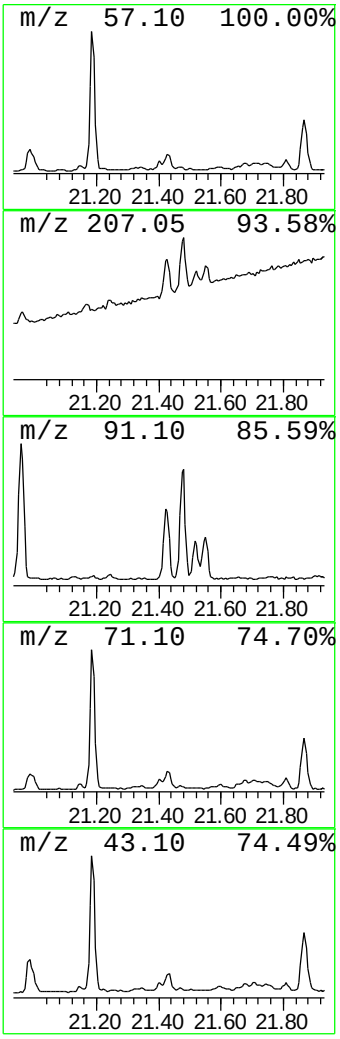
Peak Number 13 1H-Indole, 5-methyl-2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.41 ng/ul	1239490	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	35
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	30
3	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	30
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	25
5	1,4-Phthalazinedione, 2,3-dihydr...	207	C8H5N3O4	003682-19-7	25





Library Search Compound Report

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Sample : K5235-15DL 2X
Misc :
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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

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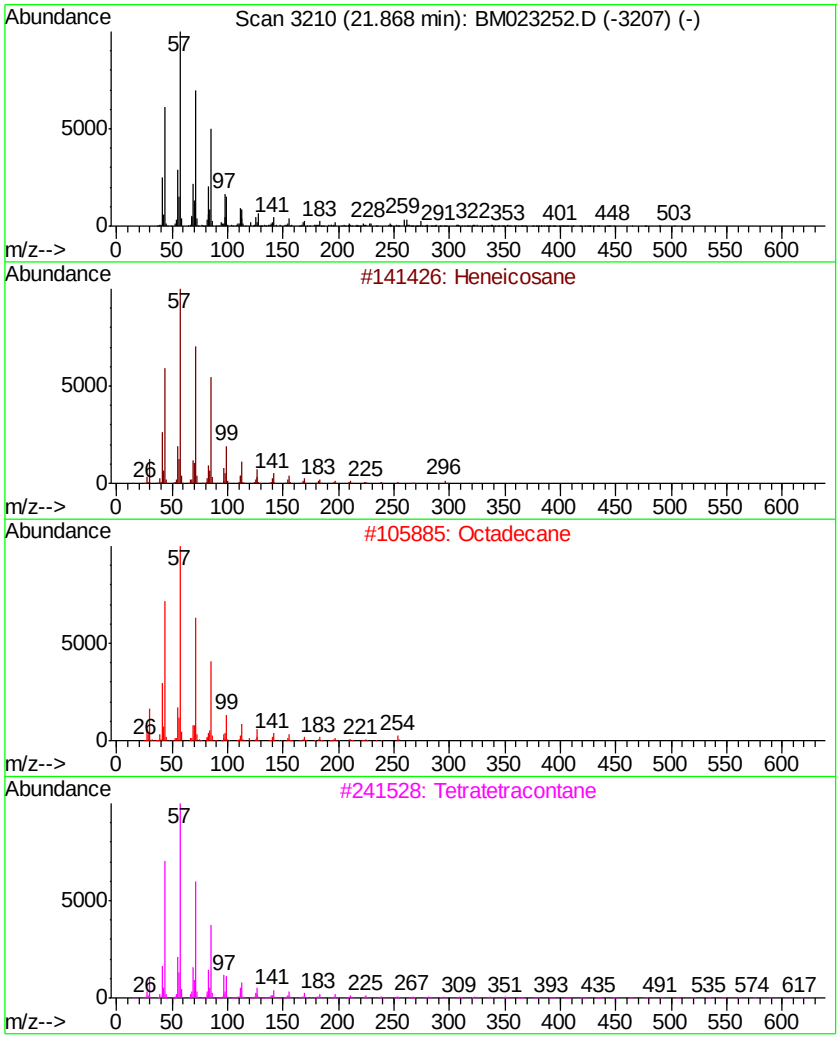
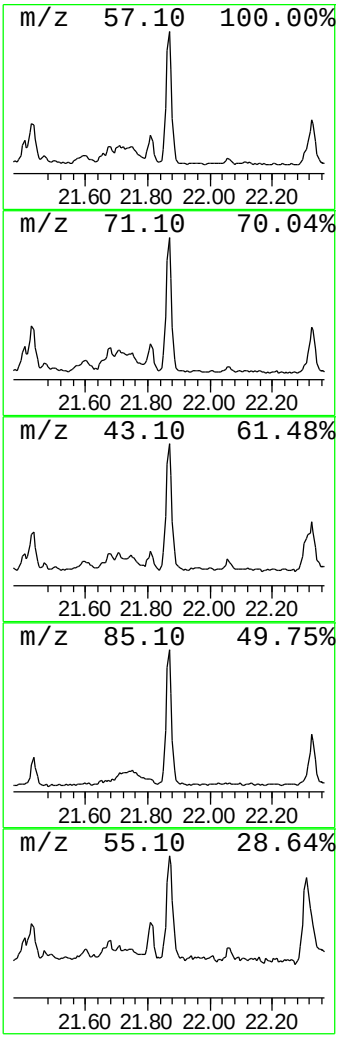
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.85 ng/ul	1464070	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 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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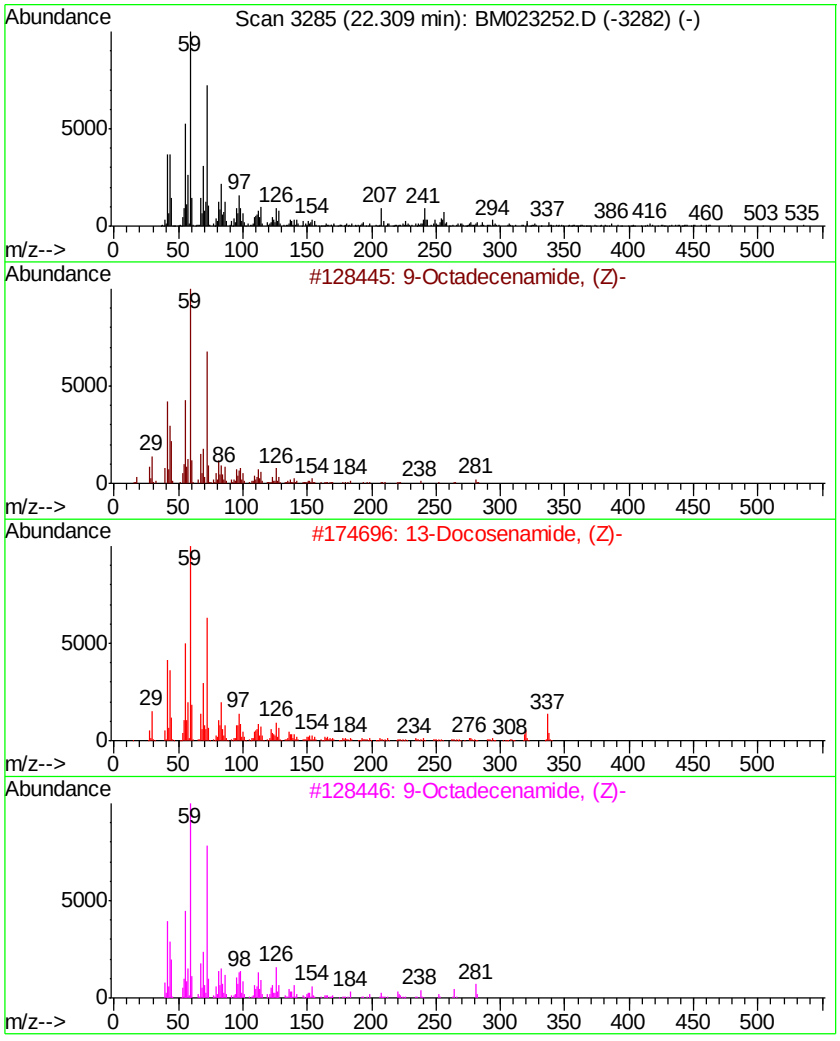
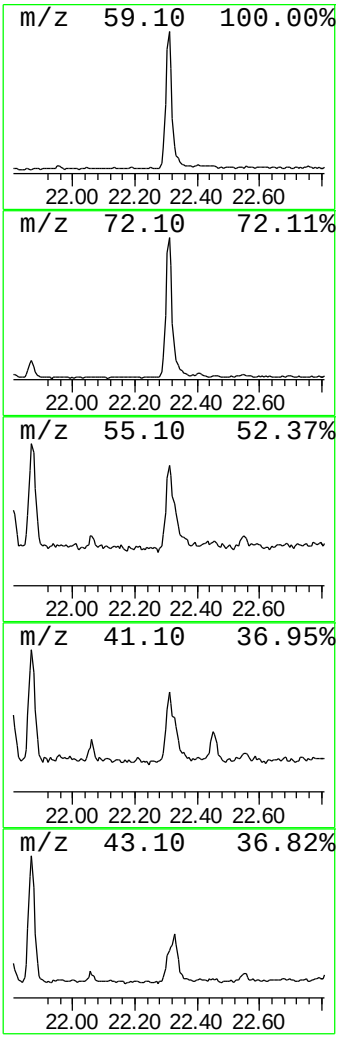
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	2.98 ng/ul	1531840	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	89
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72





Library Search Compound Report

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Operator : JU
Sample : K5235-15DL 2X
Misc :
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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

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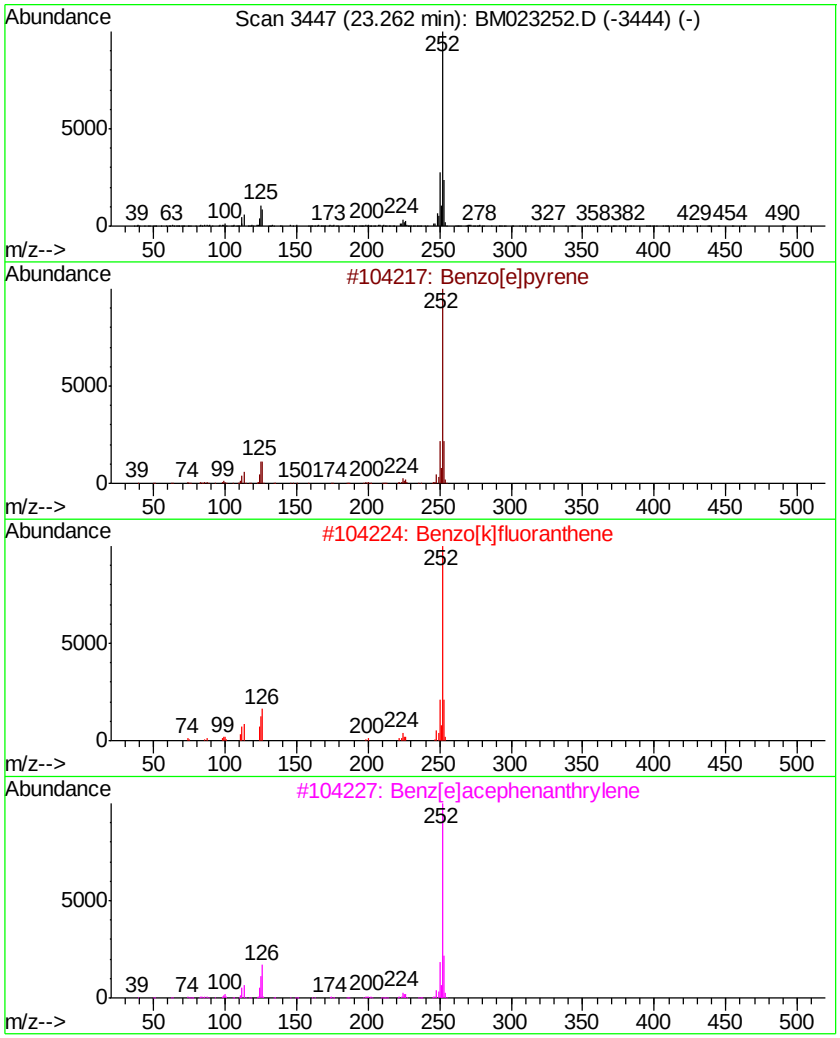
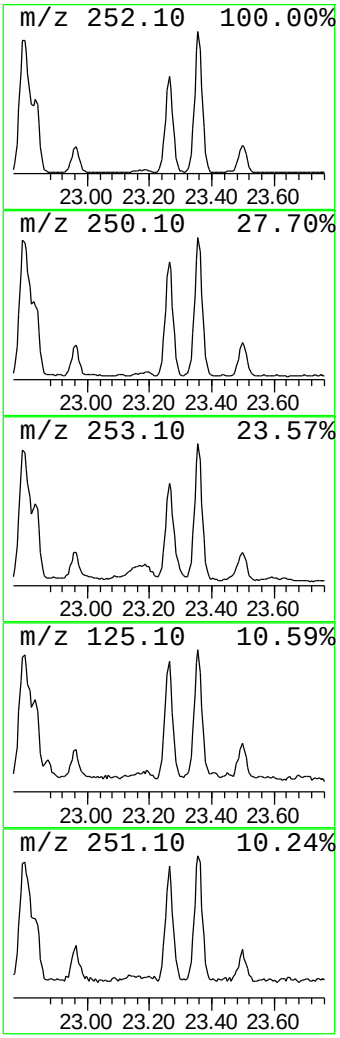
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.57 ng/ul	917036	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

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Data File : BM023252.D
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Operator : JU
Sample : K5235-15DL 2X
Misc :
ALS Vial : 31 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2-m...	17.97	2.0	ng/ul	655487	4	17.05	6413200	20.0
2,2',4,5-Tetrachl...	18.13	6.2	ng/ul	1976550	4	17.05	6413200	20.0
1,1'-Biphenyl, 2,...	18.42	2.7	ng/ul	871907	4	17.05	6413200	20.0
2,3',4,5-Tetrachl...	18.90	2.5	ng/ul	813680	4	17.05	6413200	20.0
1,1'-Biphenyl, 2,...	18.99	5.2	ng/ul	1662160	4	17.05	6413200	20.0
1,1'-Biphenyl, 2'...	19.27	3.0	ng/ul	1520000	5	21.24	10268300	20.0
1,1'-Biphenyl, 2,...	19.72	3.1	ng/ul	1609520	5	21.24	10268300	20.0
11H-Benzo[a]fluorene	19.97	2.6	ng/ul	1354990	5	21.24	10268300	20.0
2,3,3',4,5-Pentac...	20.03	2.5	ng/ul	1301890	5	21.24	10268300	20.0
Triphenyl phosphate	20.69	3.2	ng/ul	1629190	5	21.24	10268300	20.0
(DEL) Alkane: Cyc...	20.99	3.2	ng/ul	1645400	5	21.24	10268300	20.0
1H-Indole, 5-meth...	21.43	2.4	ng/ul	1239490	5	21.24	10268300	20.0
(DEL) Alkane: Str...	21.87	2.9	ng/ul	1464070	5	21.24	10268300	20.0
9-Octadecenamide,...	22.31	3.0	ng/ul	1531840	5	21.24	10268300	20.0
Benzo[e]pyrene	23.26	2.6	ng/ul	917036	6	23.46	7127730	20.0