LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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_P\METHODS\SOM-EPA-BP121020MA.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	3.840	107	111	120	rVB	128407	173687	0.85%	0.089%
2	7.010	643	650	666	rVB2	556180	1046571	5.12%	0.537%
3	7.169	672	677	685	rVB	405848	659211	3.22%	0.339%
4	7.375	706	712	719	rVB	569173	914885	4.48%	0.470%
5	7.846	785	792	799	rBV	681204	1108040	5.42%	0.569%
6	8.545	905	911	918	rBV	696219	1101281	5.39%	0.566%
7	8.998	981	988	998	rBV	534284	880050	4.31%	0.452%
8	9.722	1104	1111	1123	rBV	432628	737820	3.61%	0.379%
9	10.263	1194	1203	1214	rBV	737501	1248077	6.11%	0.641%
10	10.639	1257	1267	1272	rBV	949633	1636969	8.01%	0.841%
11	10.692	1272	1276	1283	rVV	243153	400838	1.96%	0.206%
12	10.775	1283	1290	1304	rVB	527933	969515	4.74%	0.498%
13	12.304	1543	1550	1558	rVB	160562	258003	1.26%	0.132%
14	12.528	1580	1588	1598	rBV	131086	224537	1.10%	0.115%
15	13.322	1717	1723	1729	rBV2	83118	123053	0.60%	0.063%
16	13.522	1752	1757	1767	rVB	33777	74536	0.36%	0.038%
17	13.810	1795	1806	1811	rBV	108246	206508	1.01%	0.106%
18	13.892	1811	1820	1825	rVV	1222701	1861452	9.11%	0.956%
19	13.939	1825	1828	1833	rVV	203650	284762	1.39%	0.146%
20	14.051	1843	1847	1850	rVV	56109	89305	0.44%	0.046%
21	14.186	1858	1870	1882	rBV	1514937	2502375	12.24%	1.285%
22	14.492	1912	1922	1928	rBV	1448751	2213095	10.83%	1.137%
23	14.557	1928	1933	1940	rVV	922778	1382080	6.76%	0.710%
24	14.622	1940	1944	1950	rVB	55070	77211	0.38%	0.040%
25	14.692	1950	1956	1966	rBV	507742	814452	3.98%	0.418%
26	14.804	1966	1975	1978	rVV3	47006	111108	0.54%	0.057%
27	14.892	1984	1990	1998	rVB	480280	743790	3.64%	0.382%
28	15.116	2020	2028	2033	rBV	59698	118806	0.58%	0.061%
29	15.286	2050	2057	2060	rBV3	57942	111983	0.55%	0.058%
30	15.492	2085	2092	2097	rVV	1845185	2764167	13.52%	1.419%
31	15.545	2097	2101	2109	rVV	948031	1382590	6.76%	0.710%
32	15.622	2109	2114	2119	rVV2	261223	444076	2.17%	0.228%
33	15.669	2119	2122	2126	rVV	115095	179908	0.88%	0.092%
34	15.710	2126	2129	2134	rVV3	146655	232009	1.13%	0.119%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

35	15.757	2134	2137	2140	rVV3	76033	115115	0.56%	0.059%
36	15.798	2140	2144	2147	rVV	92458	143704	0.70%	0.074%
37	15.839	2147	2151	2159	rVB	209040	339448	1.66%	0.174%
38	15.992	2171	2177	2184	rVV	228603	490912	2.40%	0.252%
39	16.080	2184	2192	2198	rVB4	61145	137604	0.67%	0.071%
40	16.222	2211	2216	2224	rVB4	163673	333543	1.63%	0.171%
41	16.533	2262	2269	2270	rBV3	84750	159898	0.78%	0.082%
42	16.557	2270	2273	2278	rVB2	157535	230860	1.13%	0.119%
43	16.604	2278	2281	2287	rVB2	95007	143455	0.70%	0.074%
44	16.704	2296	2298	2303	rVB2	67212	86974	0.43%	0.045%
45	16.786	2309	2312	2315	rBV2	77123	91437	0.45%	0.047%
46	16.827	2316	2319	2323	rVB2	105880	120037	0.59%	0.062%
47	16.910	2327	2333	2340	rVB	627966	961588	4.70%	0.494%
48	16.986	2342	2346	2348	rBV2	121842	190223	0.93%	0.098%
49	17.069	2356	2360	2370	rVB	545503	855181	4.18%	0.439%
50	17.257	2386	2392	2395	rBV	1682295	2609076	12.76%	1.340%
51	17.298	2395	2399	2404	rVV	10300144	15173850	74.23%	7.792%
52	17.357	2404	2409	2412	rVV	2249882	3418701	16.72%	1.756%
53	17.392	2412	2415	2420	rVV	1712686	2298684	11.24%	1.180%
54	17.445	2420	2424	2430	rVV2	242371	387453	1.90%	0.199%
55	17.657	2451	2460	2465	rBV2	1411480	2335027	11.42%	1.199%
56	17.774	2475	2480	2485	rBV4	150961	244154	1.19%	0.125%
57	17.839	2487	2491	2499	rVB3	200050	300546	1.47%	0.154%
58	18.045	2523	2526	2530	rBV2	90265	127283	0.62%	0.065%
59	18.121	2535	2539	2543	rVV	1085657	1643047	8.04%	0.844%
60	18.174	2543	2548	2554	rVB	1555397	2282555	11.17%	1.172%
61	18.251	2556	2561	2566	rVV	416145	596433	2.92%	0.306%
62	18.316	2566	2572	2576	rVV3	1879377	3249933	15.90%	1.669%
63	18.351	2576	2578	2583	rVB	692938	760063	3.72%	0.390%
64	18.457	2594	2596	2600	rVB2	166445	193810	0.95%	0.100%
65	18.551	2609	2612	2617	rVB4	102084	137471	0.67%	0.071%
66	18.610	2617	2622	2625	rBV	917272	1228090	6.01%	0.631%
67	18.651	2625	2629	2640	rVB	1591002	2161741	10.57%	1.110%
68	18.733	2640	2643	2648	rBV2	102920	165726	0.81%	0.085%
69	18.851	2660	2663	2666	rVB2	240948	265753	1.30%	0.136%
70	18.898	2668	2671	2674	rVV	218022	270619	1.32%	0.139%
71	18.933	2674	2677	2681	rVB2	234948	284554	1.39%	0.146%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

72	19.015	2687	2691	2697	rBV2	517101	1047040	5.12%	0.538%
73	19.151	2710	2714	2722	rBV	675867	1083275	5.30%	0.556%
74	19.274	2729	2735	2741	rVB	14806923	20442467	100.00%	10.498%
75	19.333	2742	2745	2748	rBV	193788	262120	1.28%	0.135%
76	19.363	2748	2750	2755	rVB	349949	425635	2.08%	0.219%
77	19.510	2772	2775	2778	rVB	338142	391573	1.92%	0.201%
78	19.598	2785	2790	2792	rBV4	5307431	8100729	39.63%	4.160%
79	19.627	2792	2795	2802	rVV	12051161	16184885	79.17%	8.312%
80	19.692	2802	2806	2813	rVB2	638072	987287	4.83%	0.507%
81	19.798	2820	2824	2829	rVB	751856	1007742	4.93%	0.518%
82	19.857	2830	2834	2839	rBV	741285	1043118	5.10%	0.536%
83	19.939	2843	2848	2849	rBV2	827981	1310006	6.41%	0.673%
84	20.110	2873	2877	2881	rVB	1793155	2599283	12.72%	1.335%
85	20.204	2889	2893	2897	rBV	1294299	1552121	7.59%	0.797%
86	20.262	2897	2903	2906	rVV2	1102853	1971115	9.64%	1.012%
87	20.298	2906	2909	2913	rVB	594556	722697	3.54%	0.371%
88	20.398	2923	2926	2929	rBV	603301	743722	3.64%	0.382%
89	20.445	2931	2934	2937	rVB	609895	737628	3.61%	0.379%
90	20.839	2997	3001	3006	rBV	1537318	2001489	9.79%	1.028%
91	20.998	3025	3028	3032	rBV2	962251	1247841	6.10%	0.641%
92	21.039	3032	3035	3038	rBV	850307	1015393	4.97%	0.521%
93	21.127	3047	3050	3057	rVB	1698895	2314866	11.32%	1.189%
94	21.339	3081	3086	3091	rBV3	7855475	13592205	66.49%	6.980%
95	21.386	3091	3094	3104	rVB	6380245	9569441	46.81%	4.914%
96	21.509	3111	3115	3120	rBV2	1316025	1825971	8.93%	0.938%
97	21.674	3139	3143	3148	rBV2	1052486	1521357	7.44%	0.781%
98	23.009	3364	3370	3376	rBV	5300276	13836242	67.68%	7.105%
99	23.521	3452	3457	3462	rBV	2890398	5497332	26.89%	2.823%
100	23.627	3470	3475	3482	rVB	4887008	10082389	49.32%	5.178%

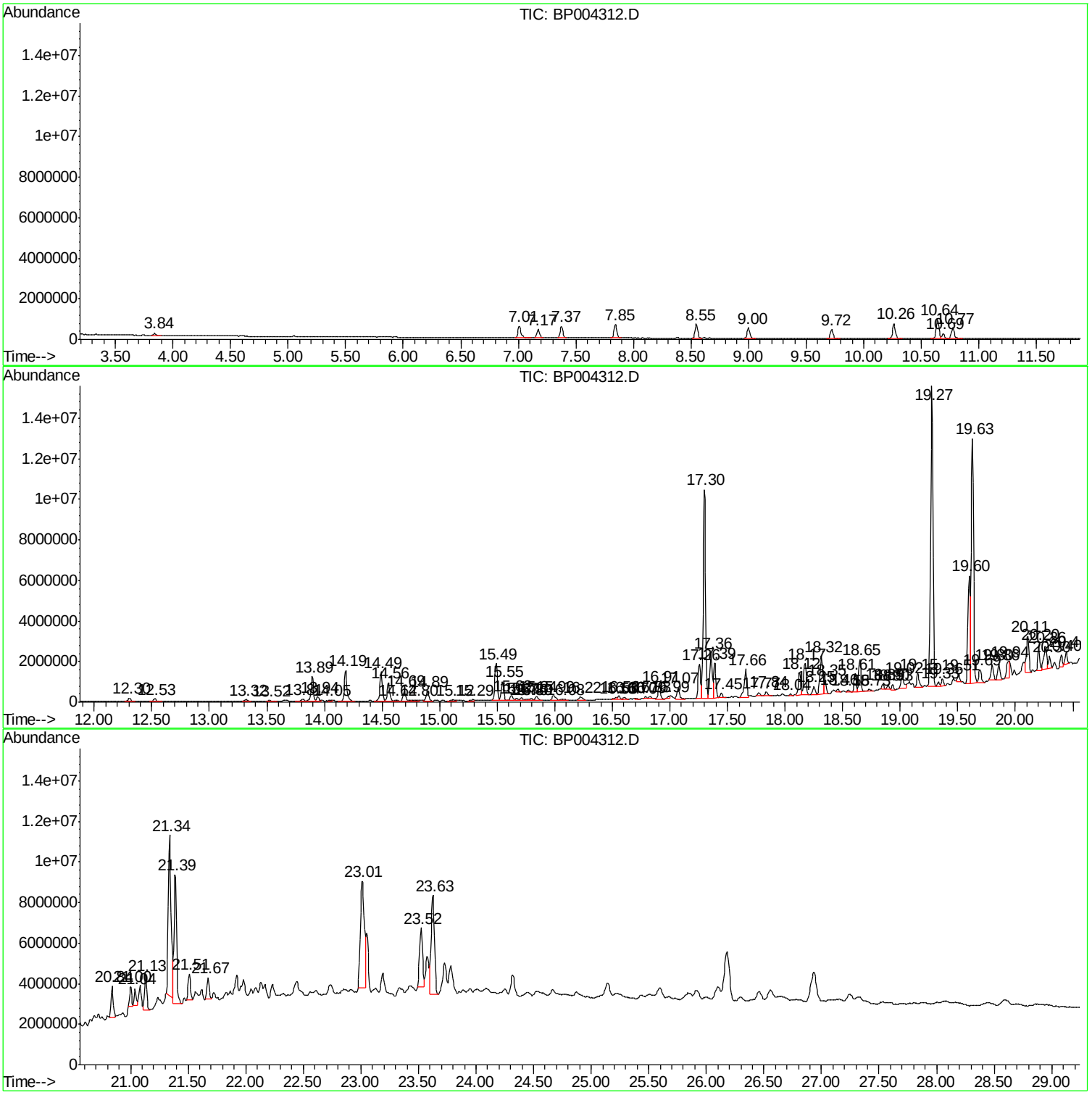
Sum of corrected areas: 194728267

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

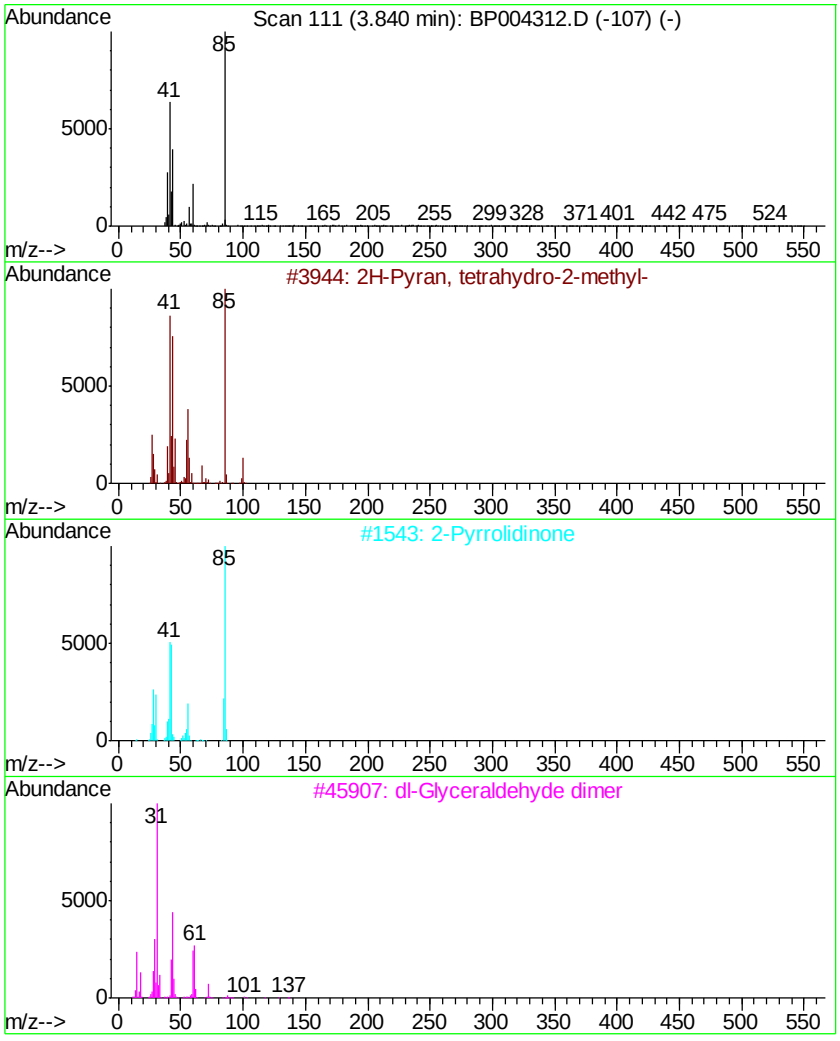
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

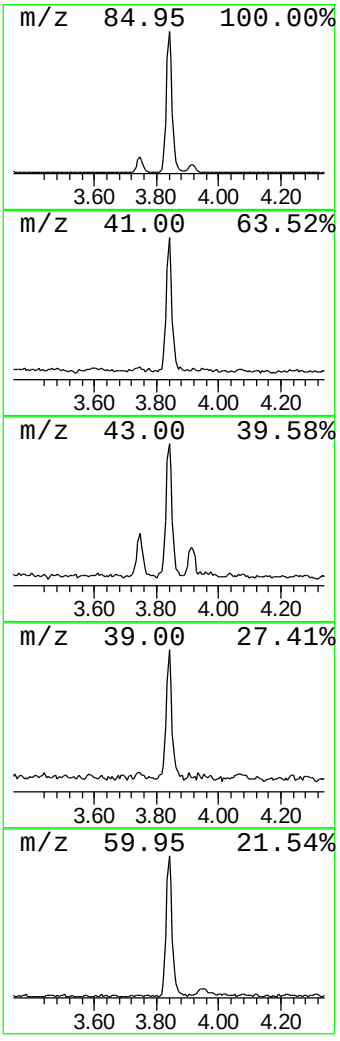
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	3.14 ng/ul	173687	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	dl-Glyceraldehyde dimer	180	C6H12O6	026793-98-6	9
4	Valeric acid, 3-tridecyl ester	284	C18H36O2	1000281-98-9	9
5	Ethyl 2,4-dioxovalerate	158	C7H10O4	000615-79-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

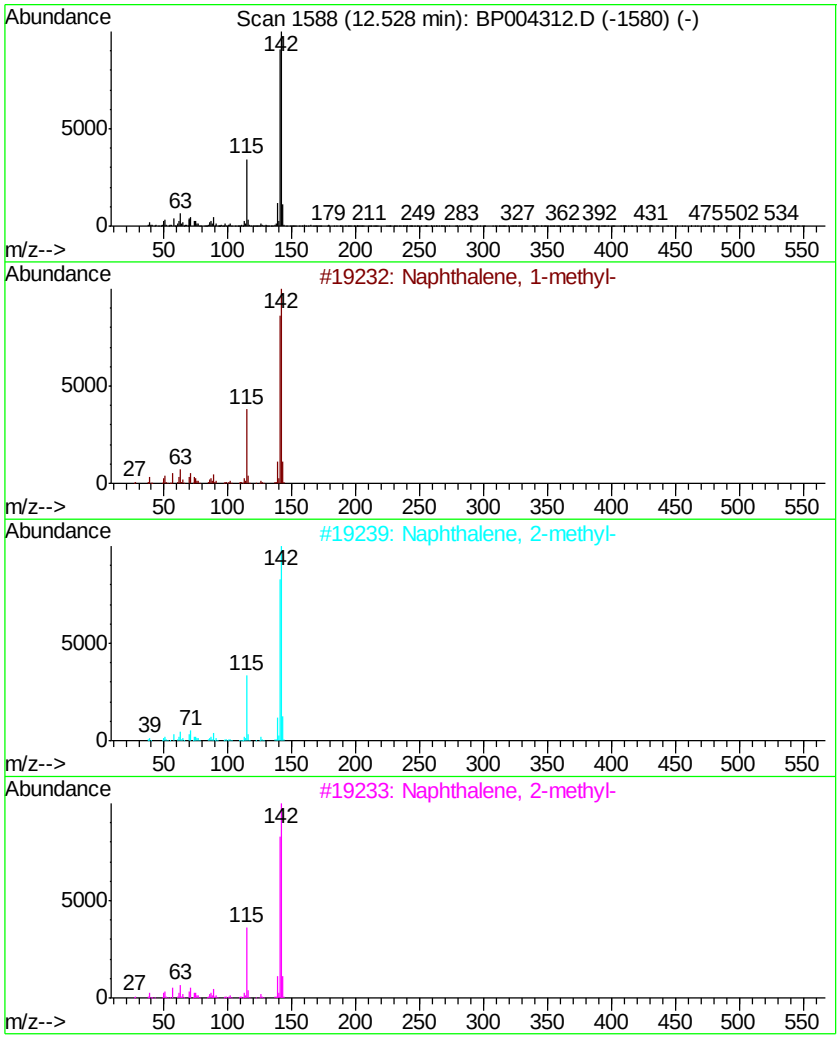
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

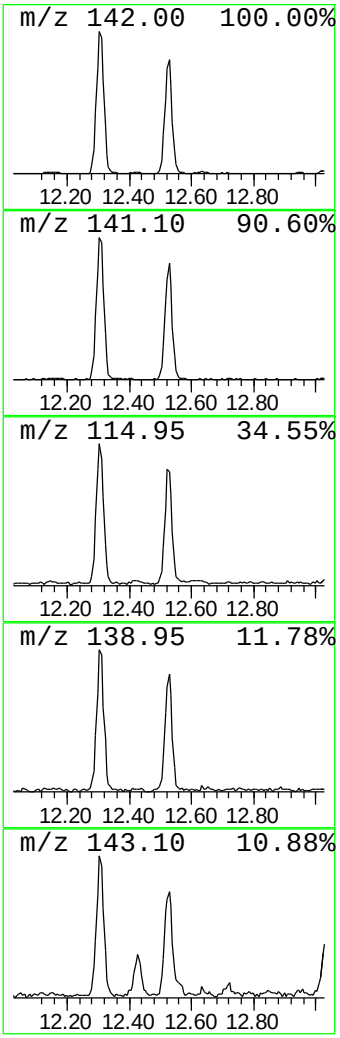
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.74 ng/ul	224537	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

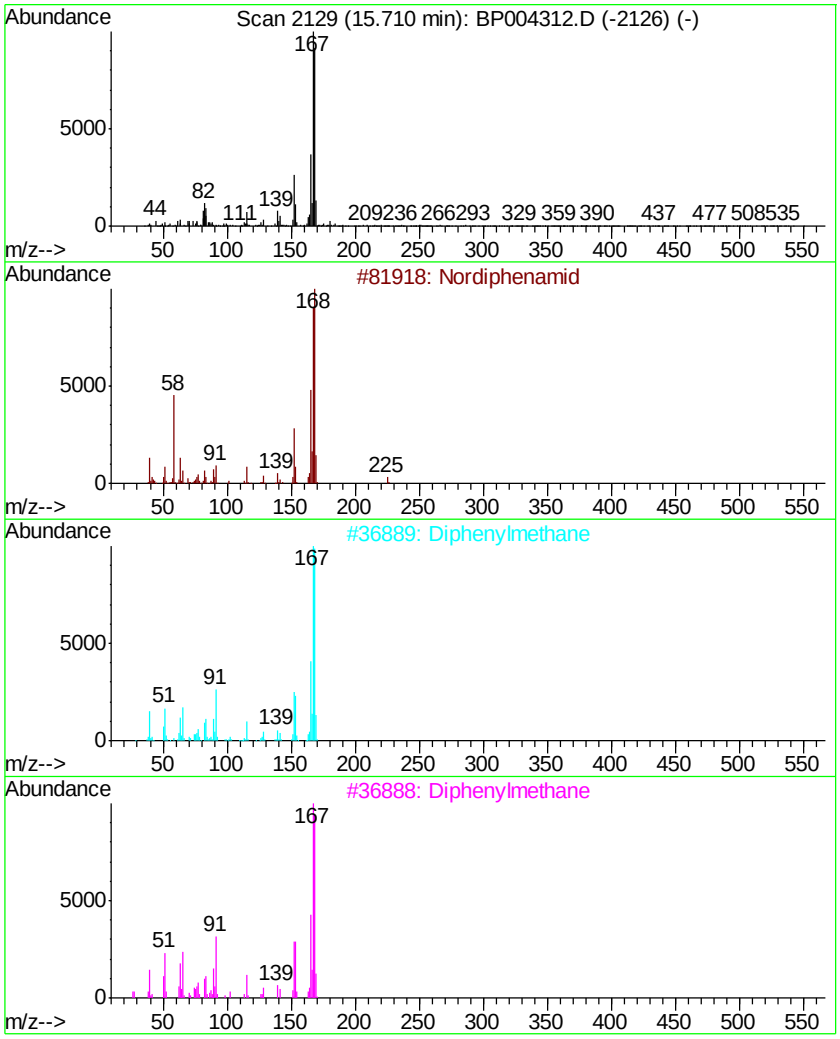
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

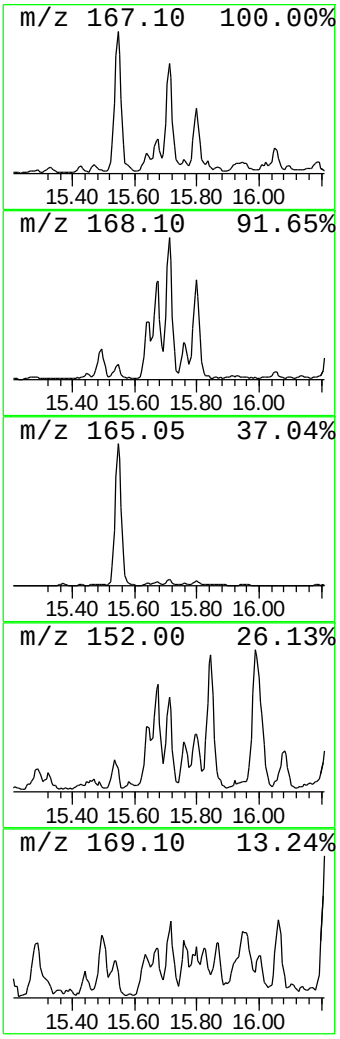
****

Peak Number 3 Nordiphenamid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.10 ng/ul	232009	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Diphenylmethane	168	C13H12	000101-81-5	81
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74
5	Diphenylmethane	168	C13H12	000101-81-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

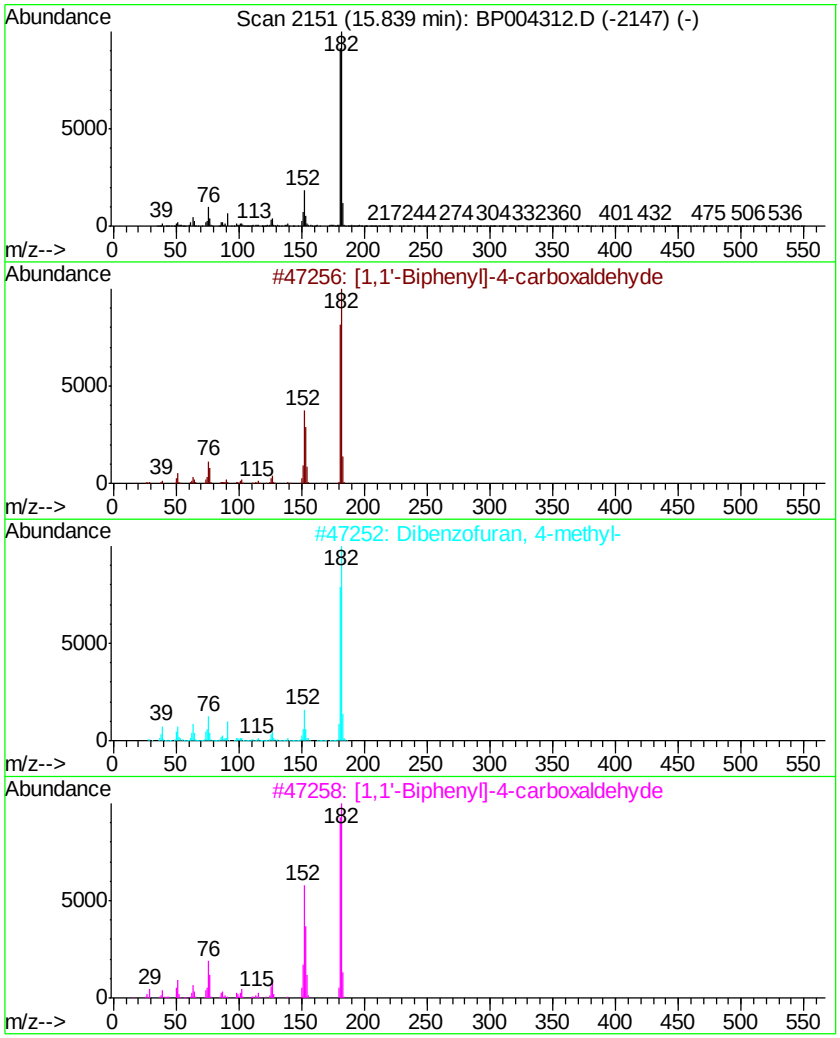
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

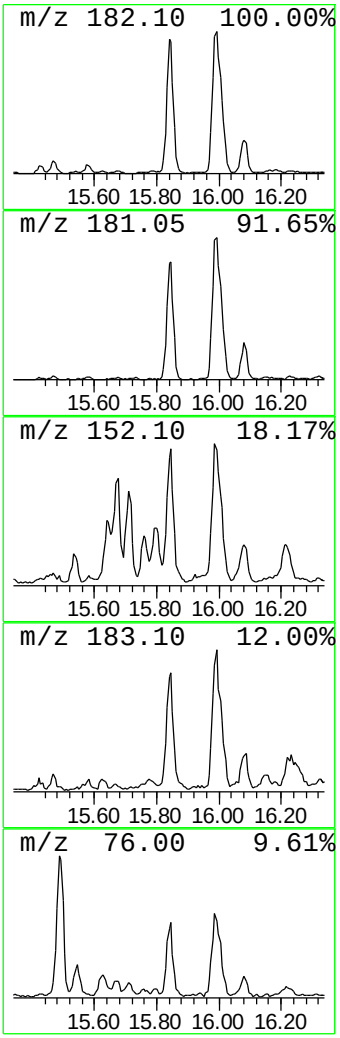
****

Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.07 ng/ul	339448	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	93
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

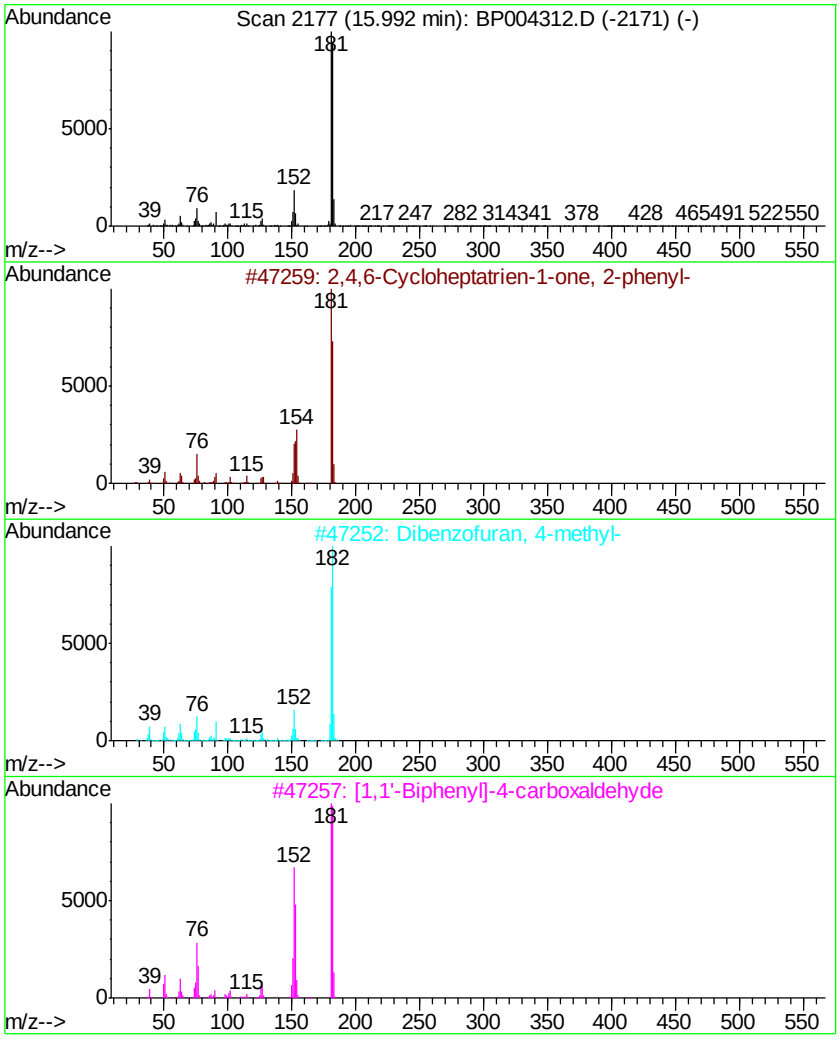
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

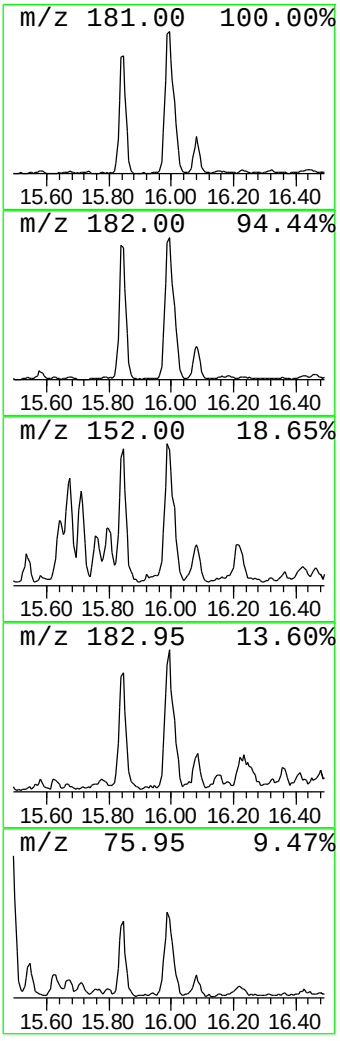
****

Peak Number 5 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.76 ng/ul	490912	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
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Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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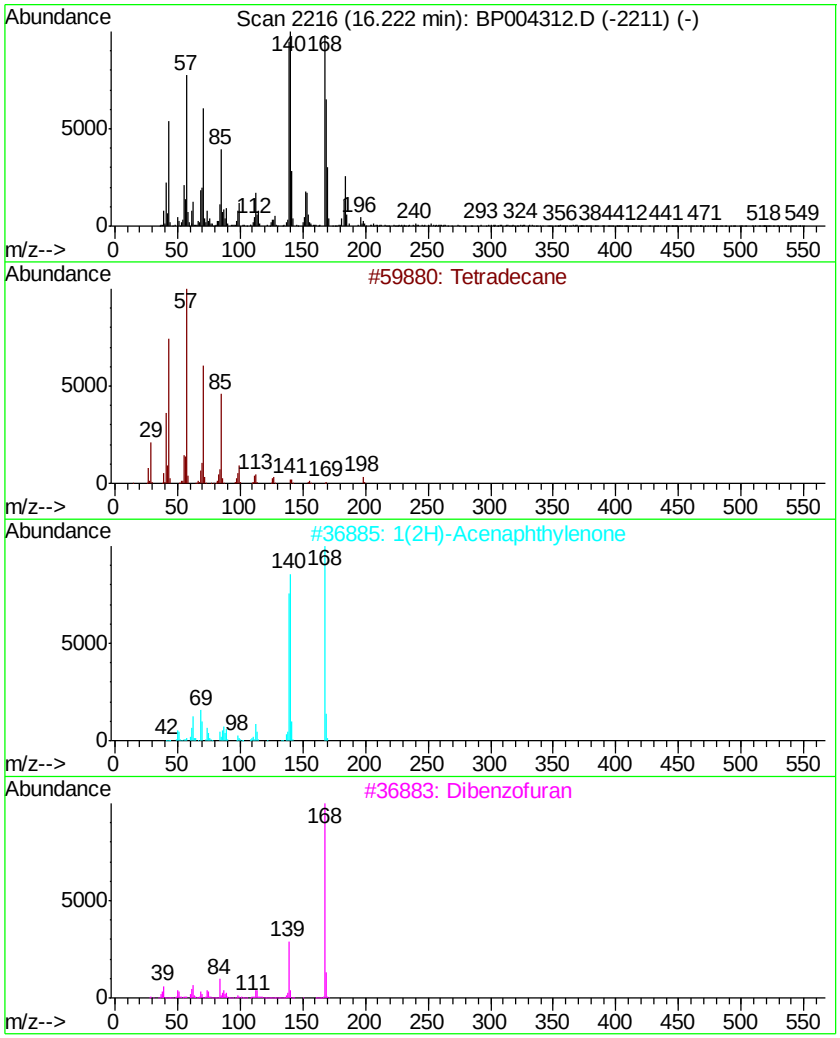
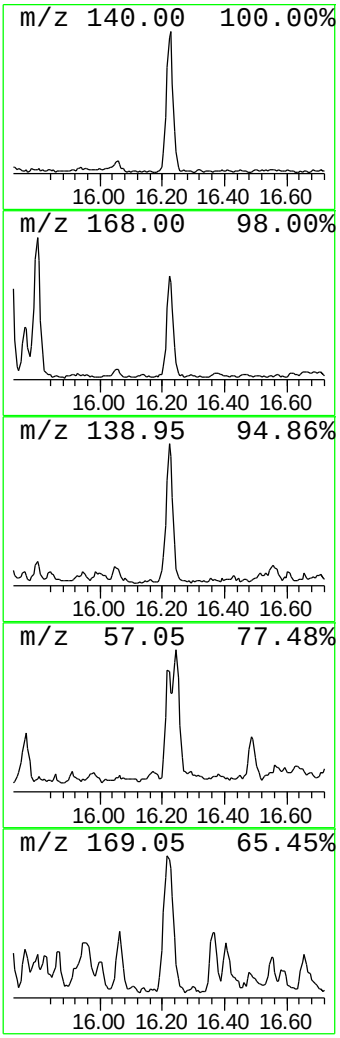
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.56 ng/ul	333543	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	56
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	53
3	Dibenzofuran	168	C12H8O	000132-64-9	30
4	1-Isoquinolinecarbonitrile, 3-me...	168	C11H8N2	022381-52-8	25
5	Tridecane	184	C13H28	000629-50-5	25





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Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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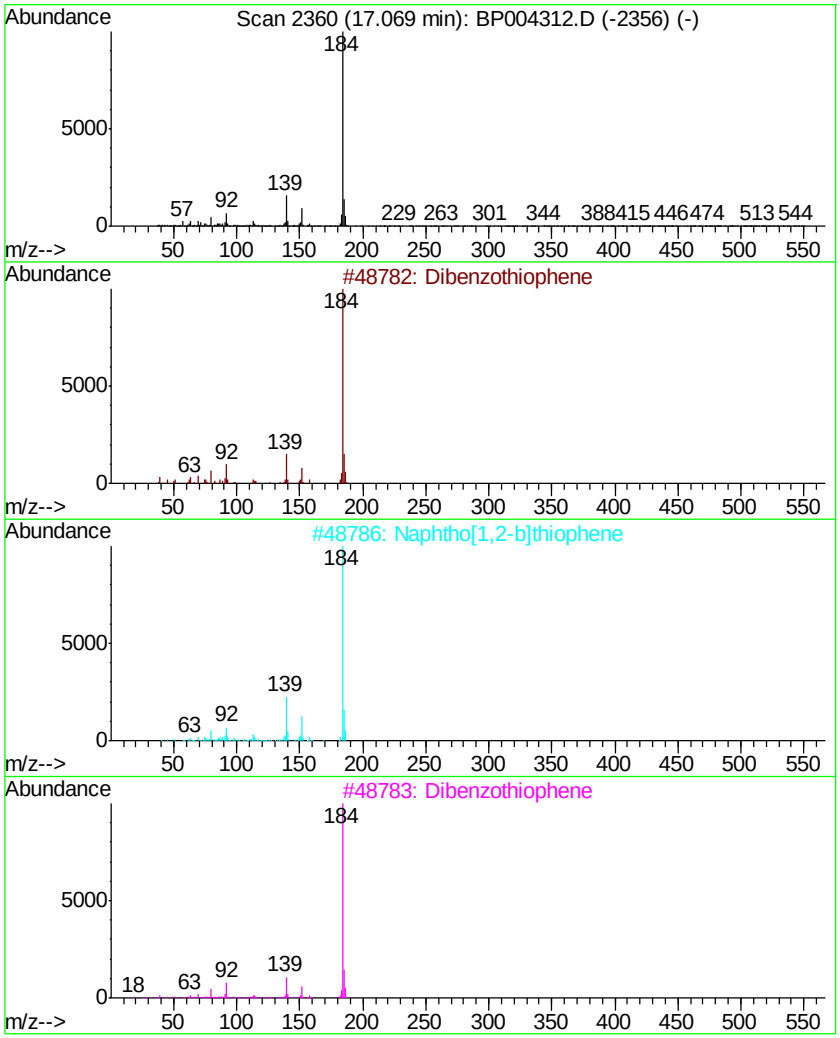
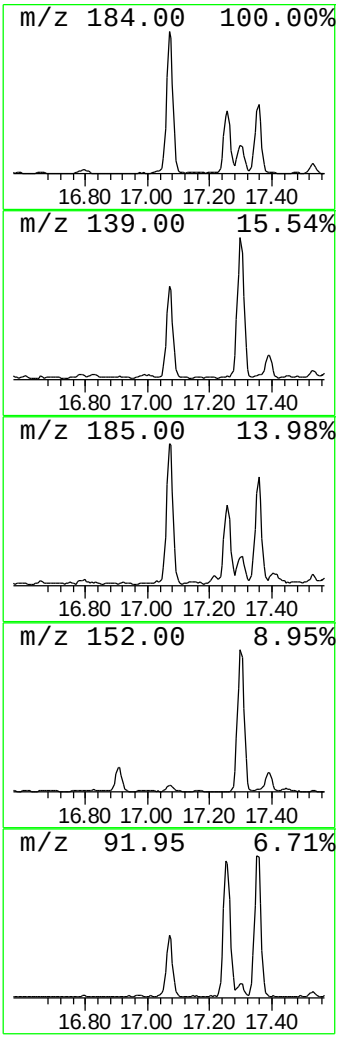
Peak Number 7 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	6.56 ng/ul	855181	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





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Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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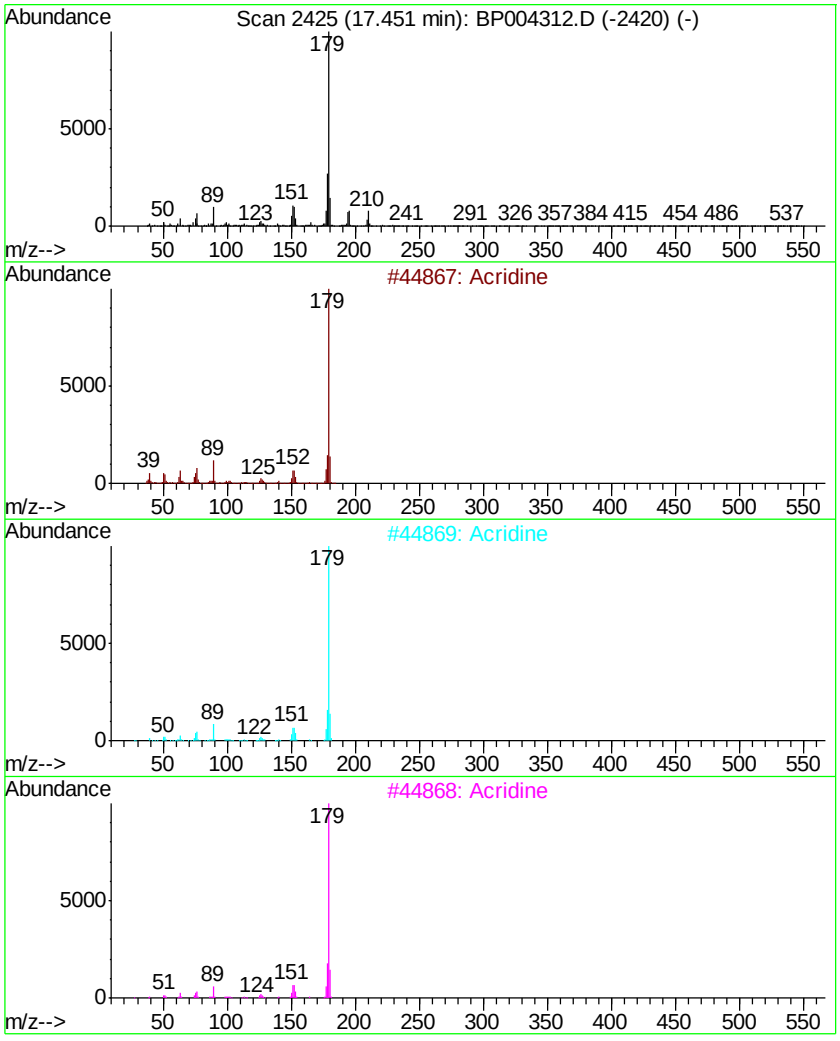
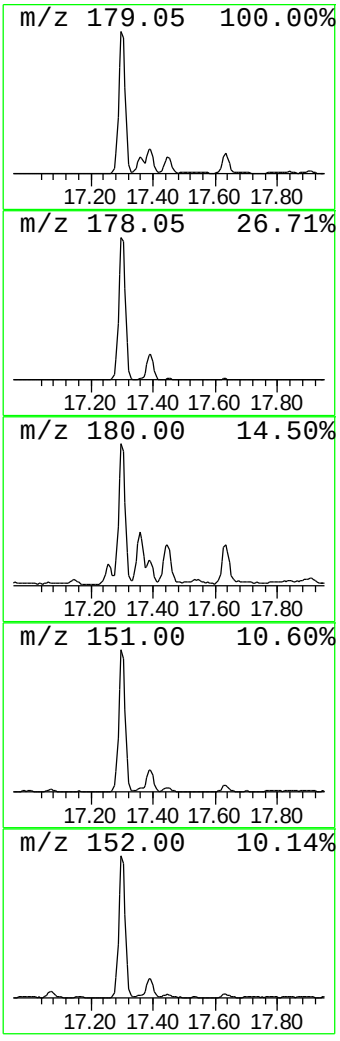
Peak Number 8 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.97 ng/ul	387453	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	94
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	90
5	Phenanthridine	179	C13H9N	000229-87-8	86





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Operator : CG/JU
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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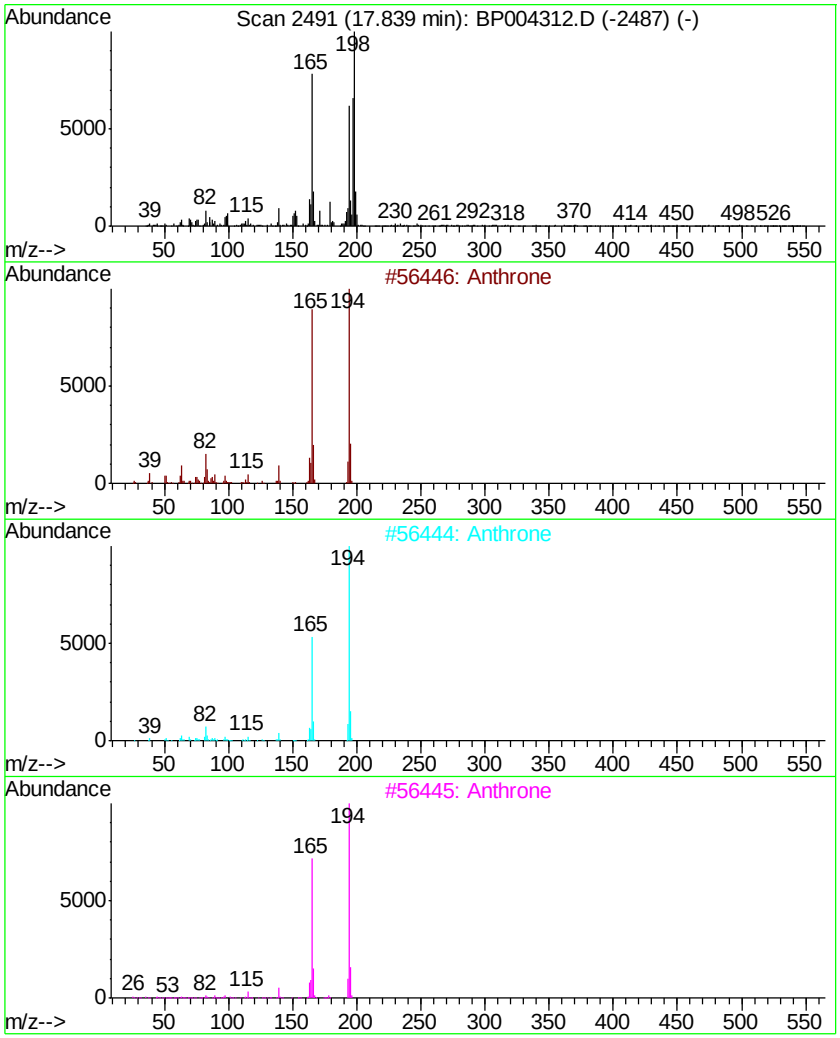
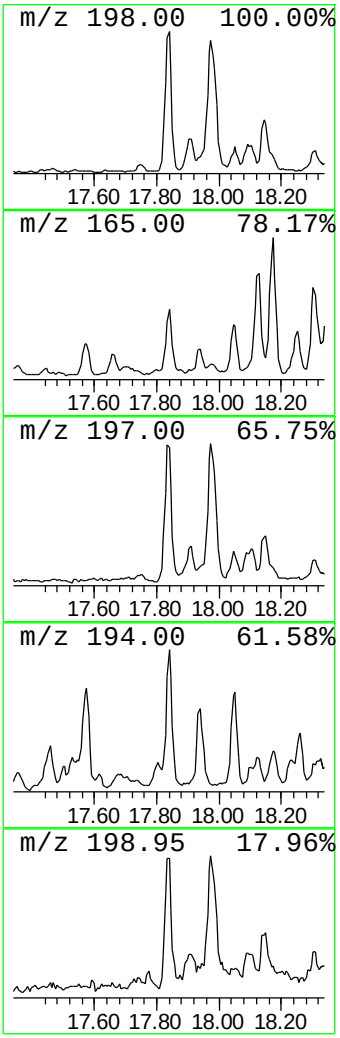
Peak Number 9 Anthrone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.30 ng/ul	300546	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	90
2	Anthrone	194	C14H10O	000090-44-8	64
3	Anthrone	194	C14H10O	000090-44-8	50
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	50
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	50





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Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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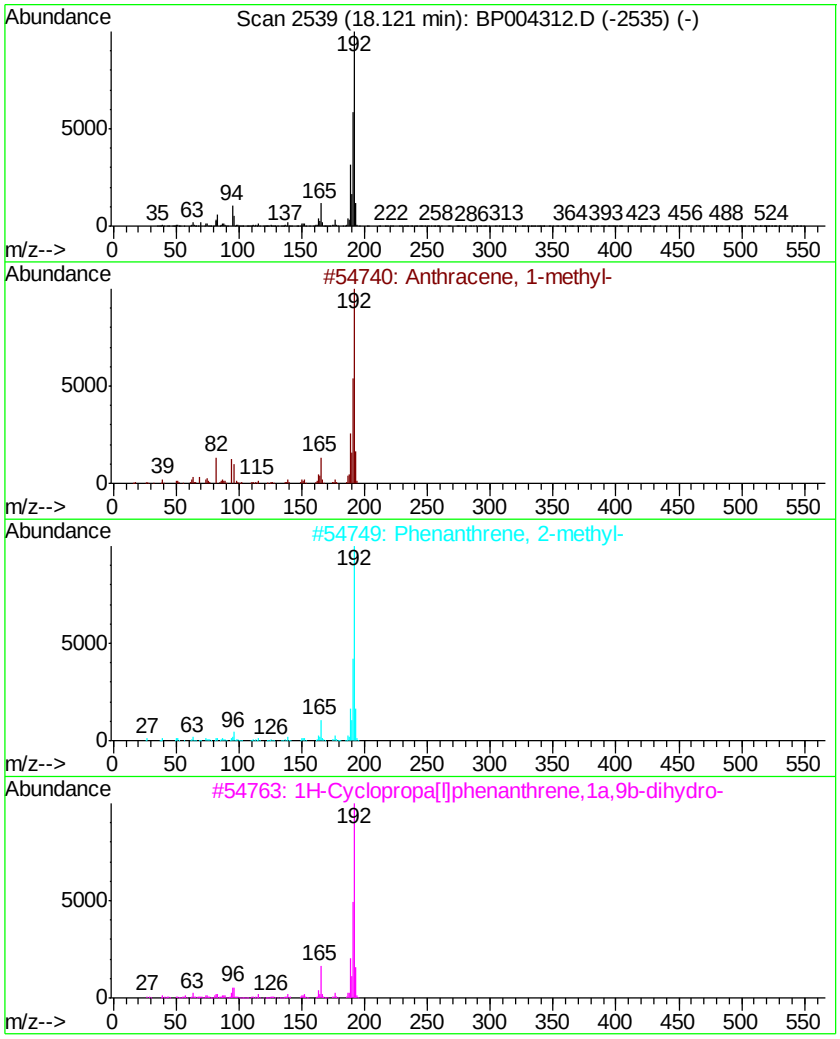
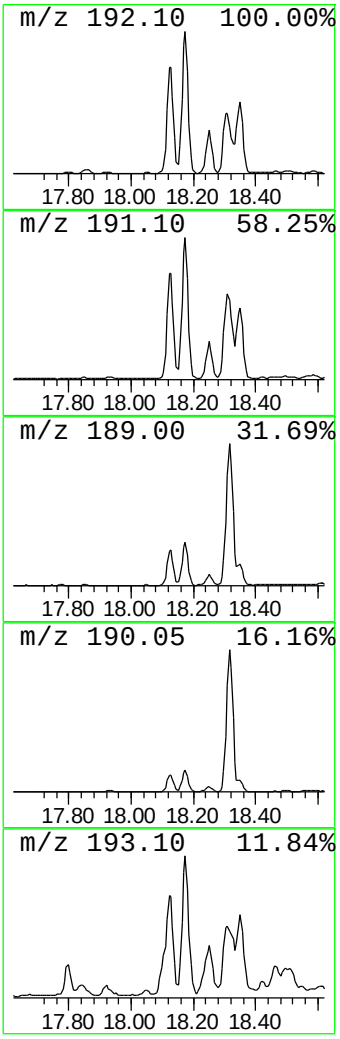
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	12.59 ng/ul	1643050	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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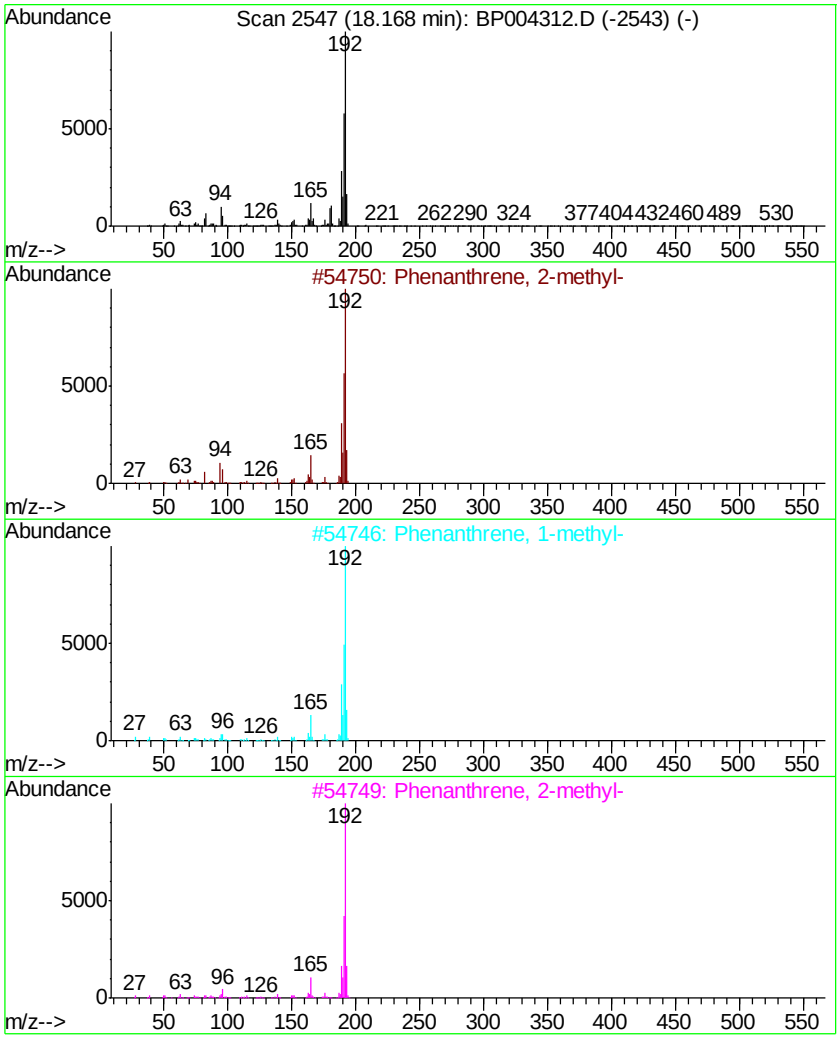
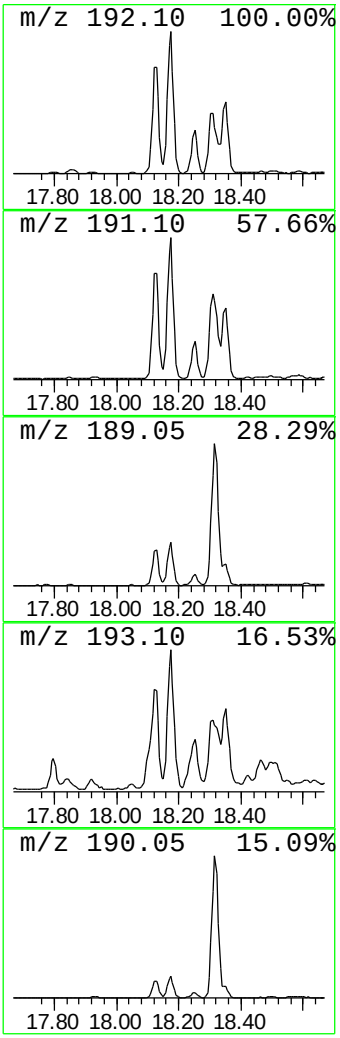
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	17.50 ng/ul	2282560	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : L5001-10
Misc :
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Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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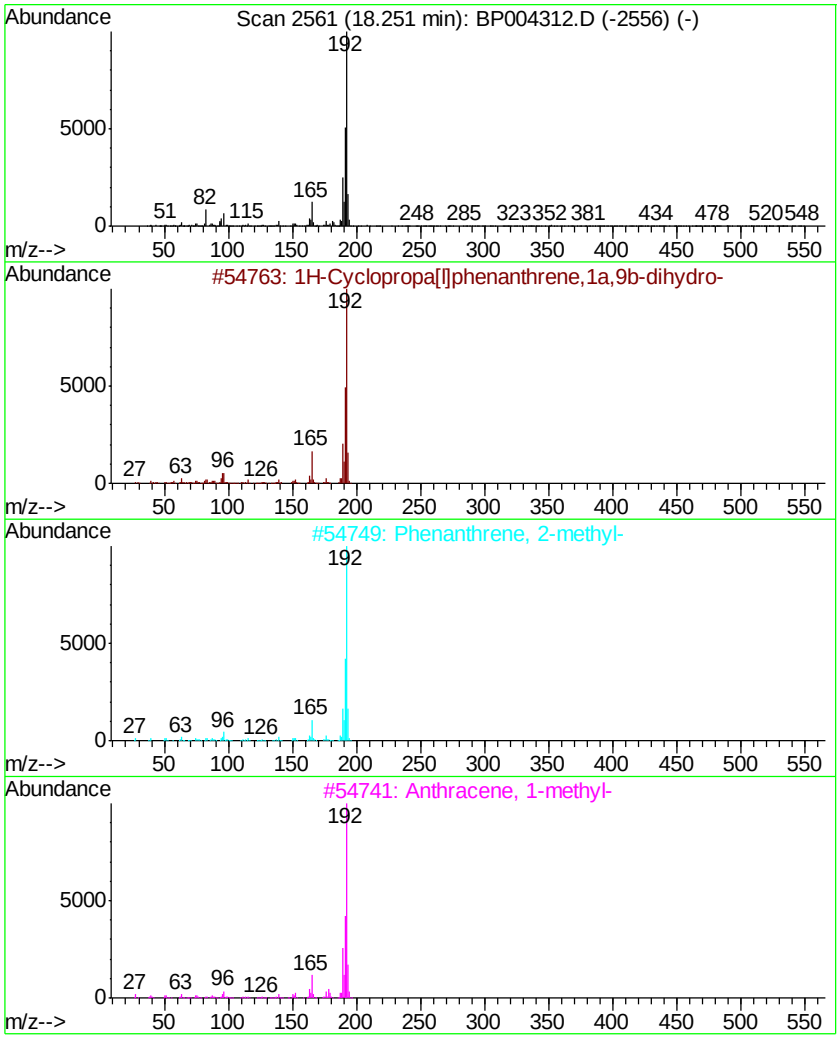
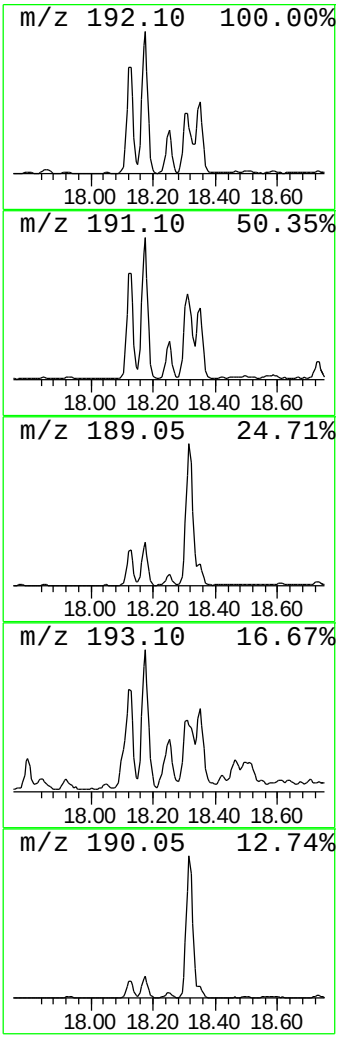
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	4.57 ng/ul	596433	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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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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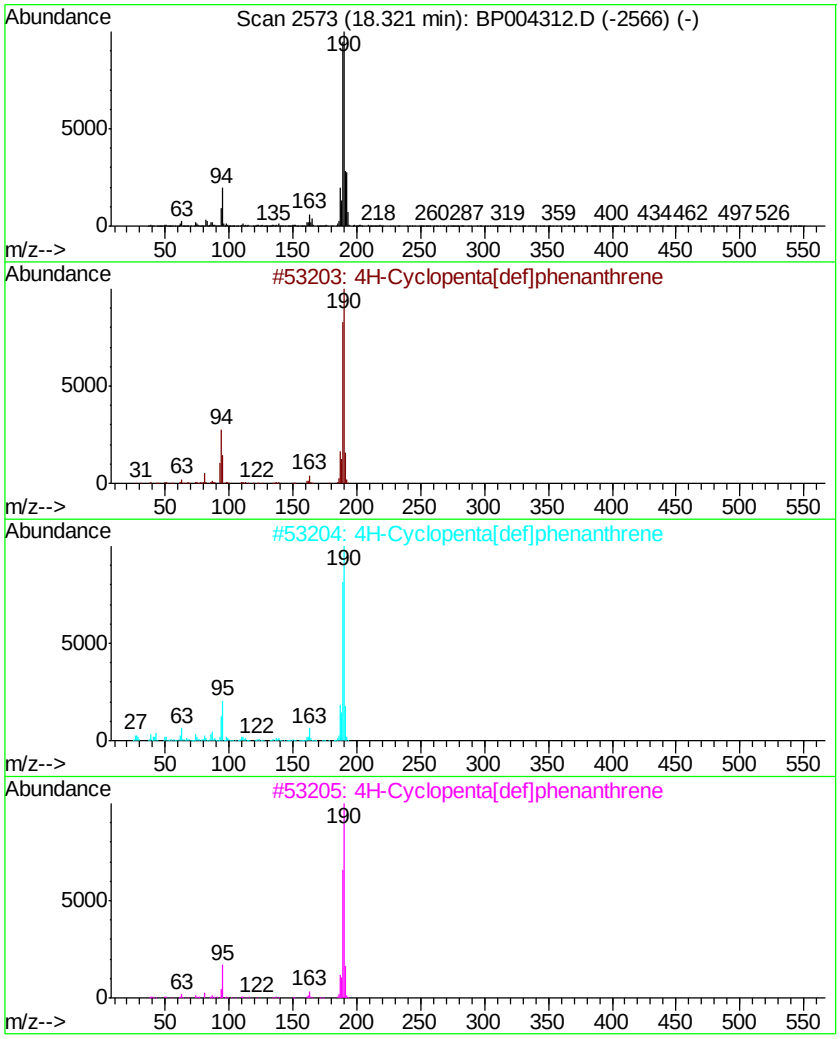
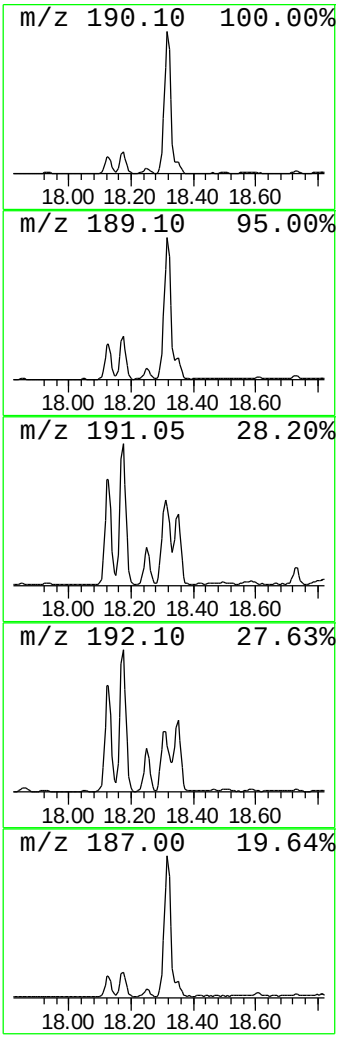
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	24.91 ng/ul	3249930	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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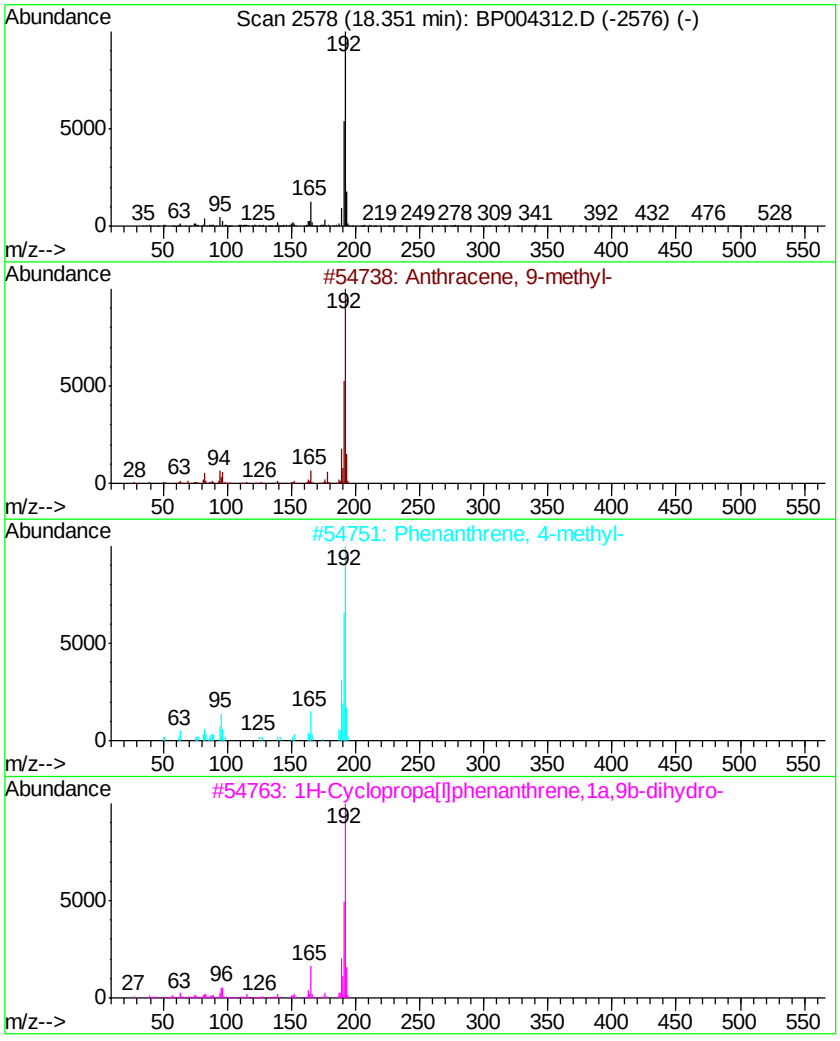
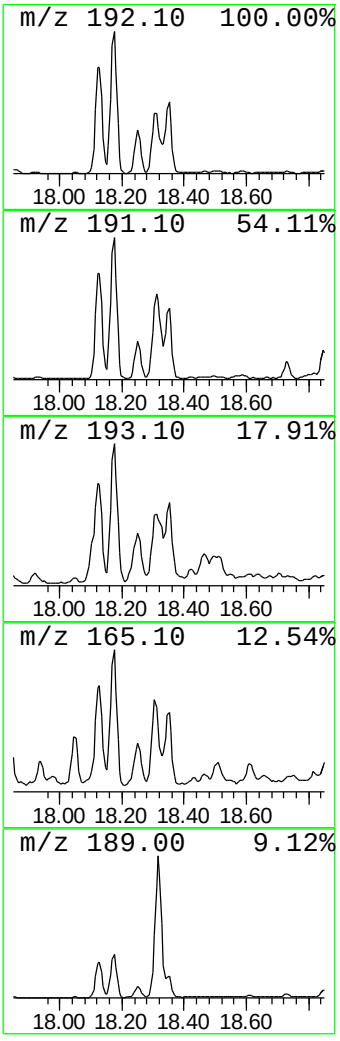
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.83 ng/ul	760063	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Misc :
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Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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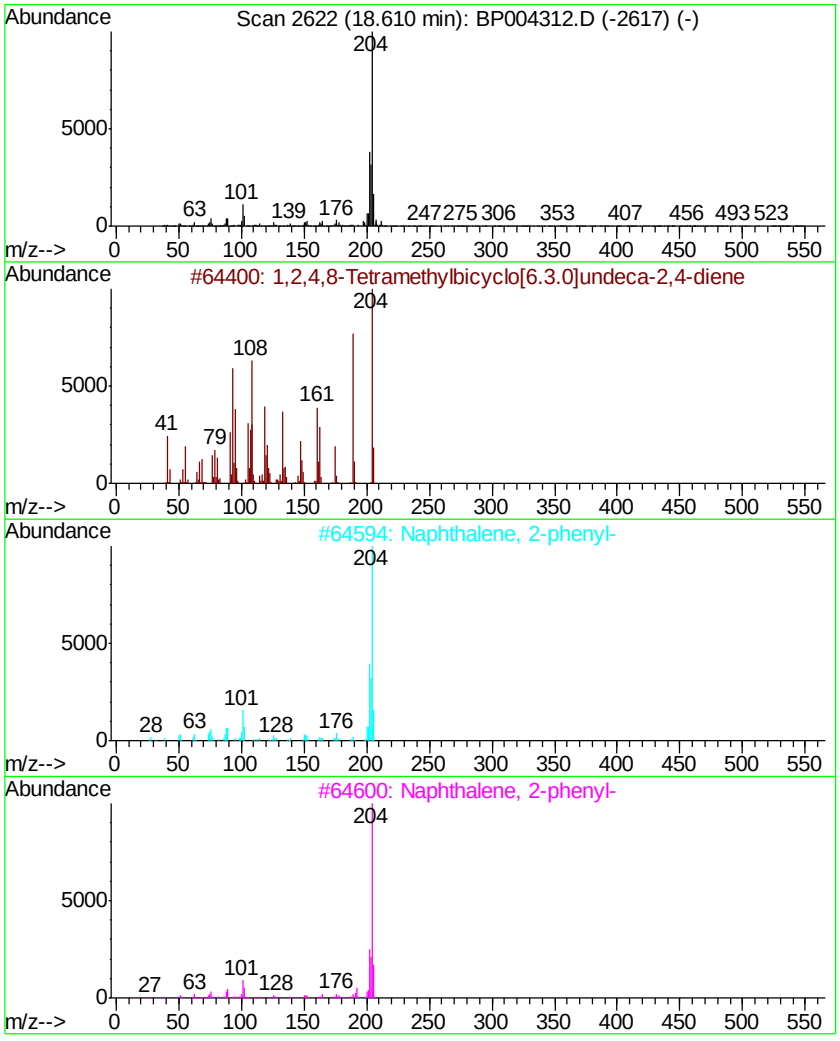
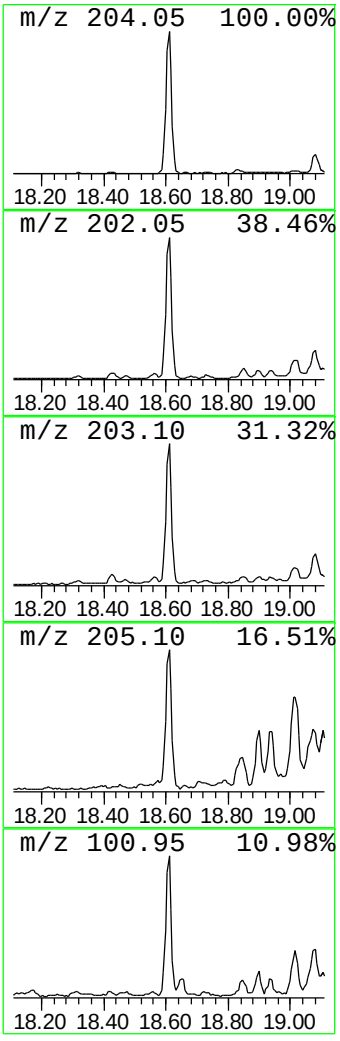
Peak Number 15 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	9.41 ng/ul	1228090	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

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ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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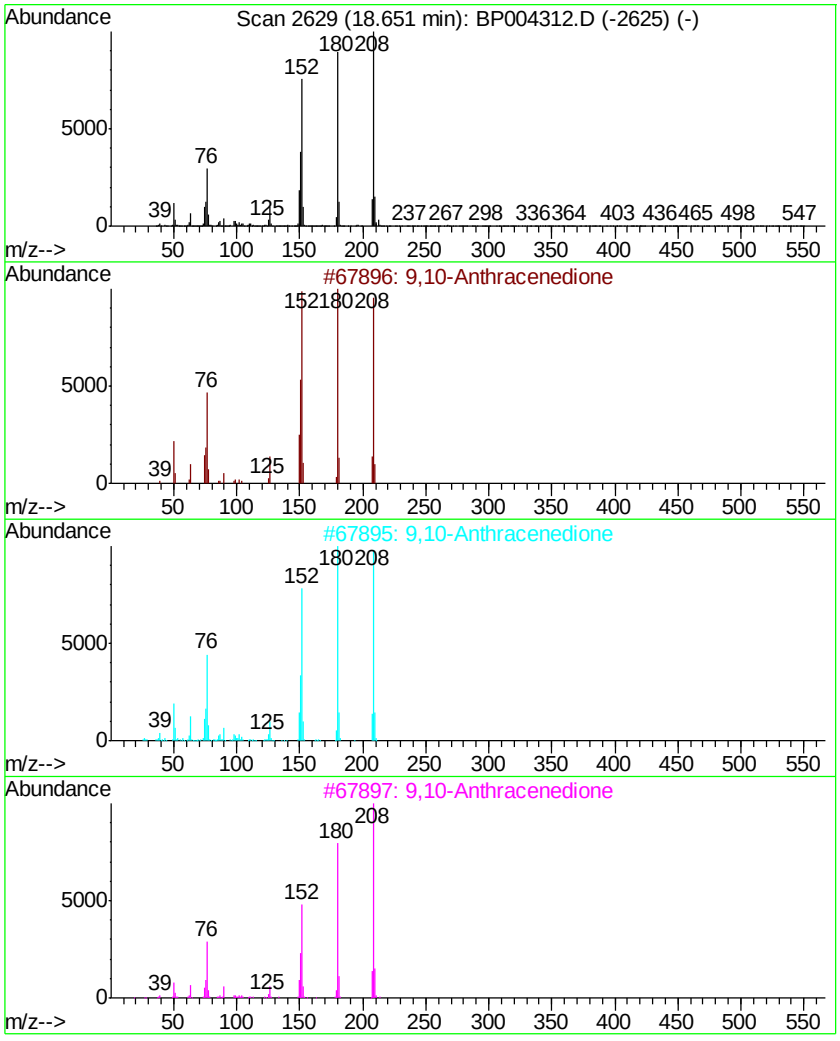
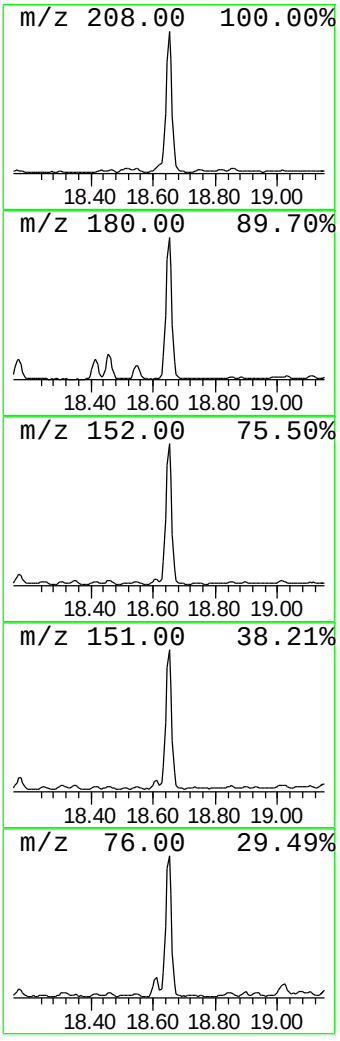
Peak Number 16 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	16.57 ng/ul	2161740	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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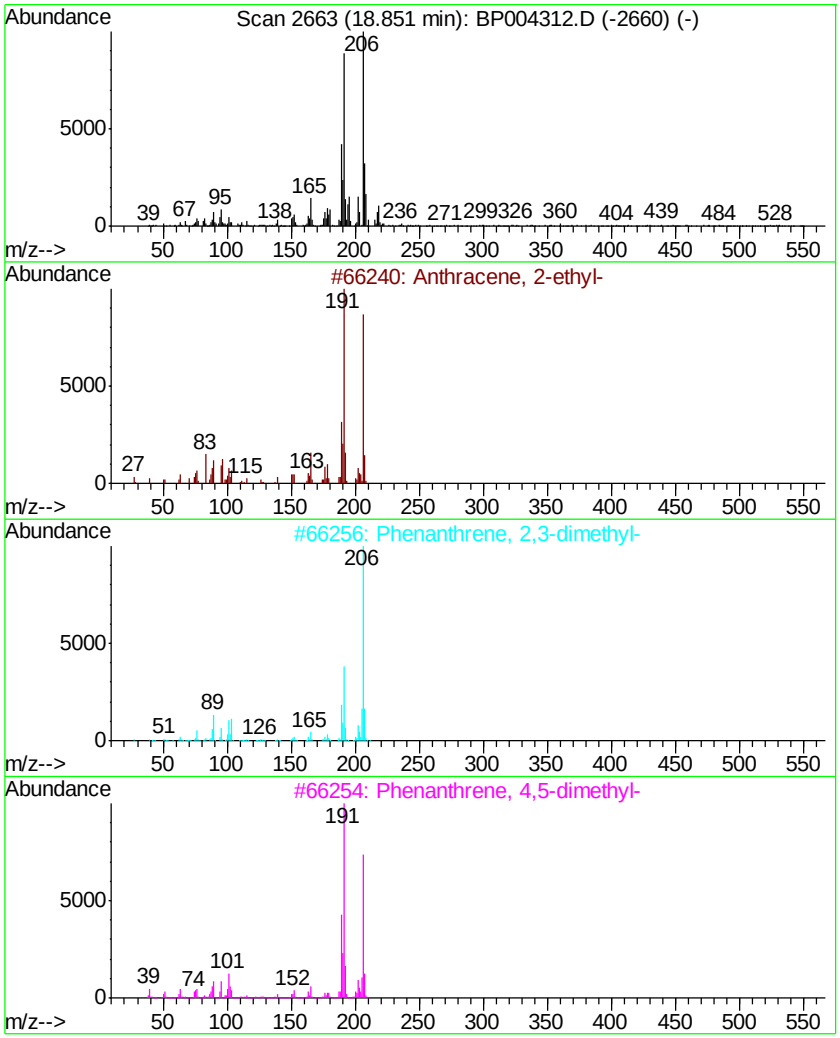
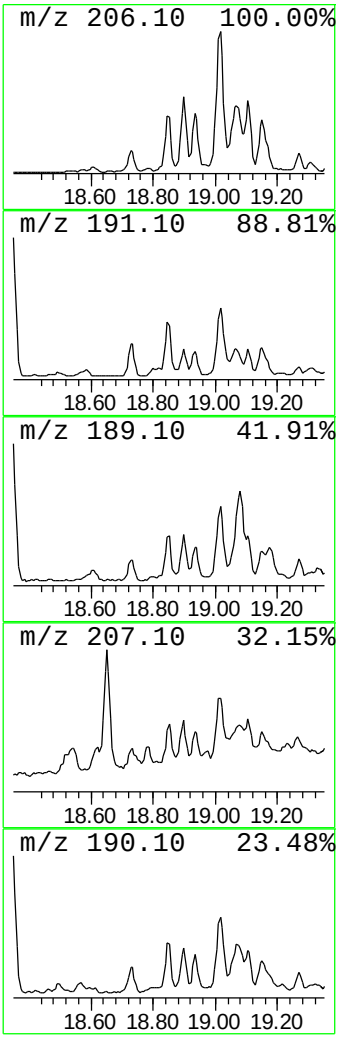
Peak Number 17 Anthracene, 2-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.04 ng/ul	265753	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83





Library Search Compound Report

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Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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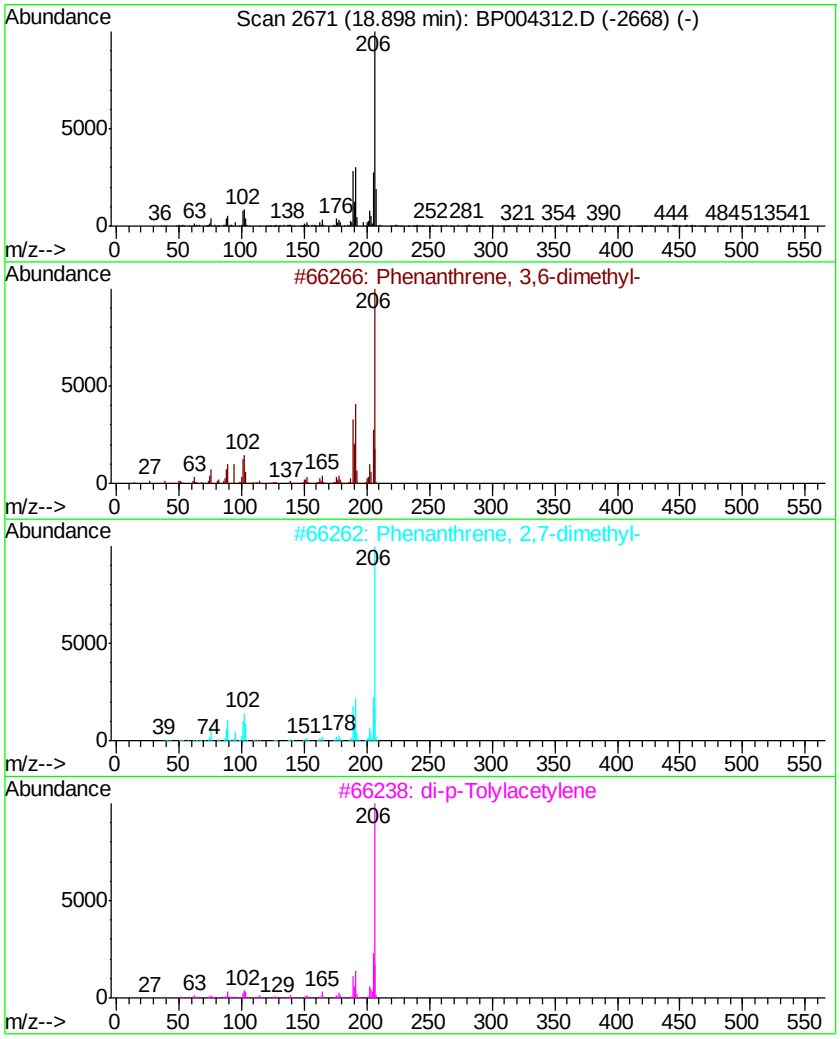
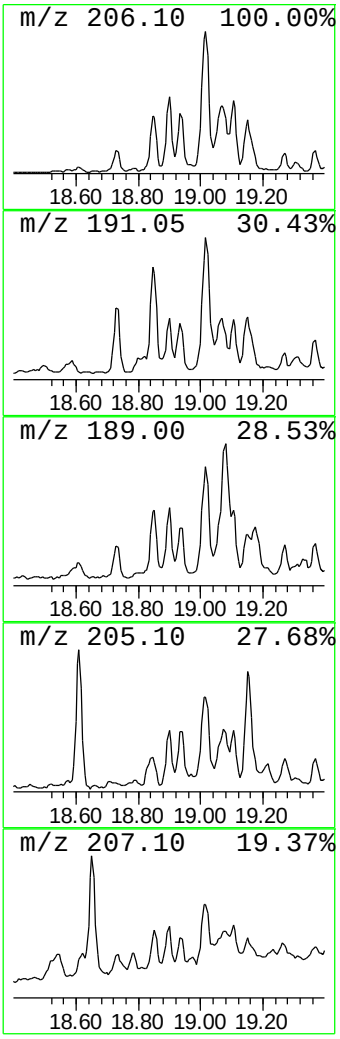
Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.07 ng/ul	270619	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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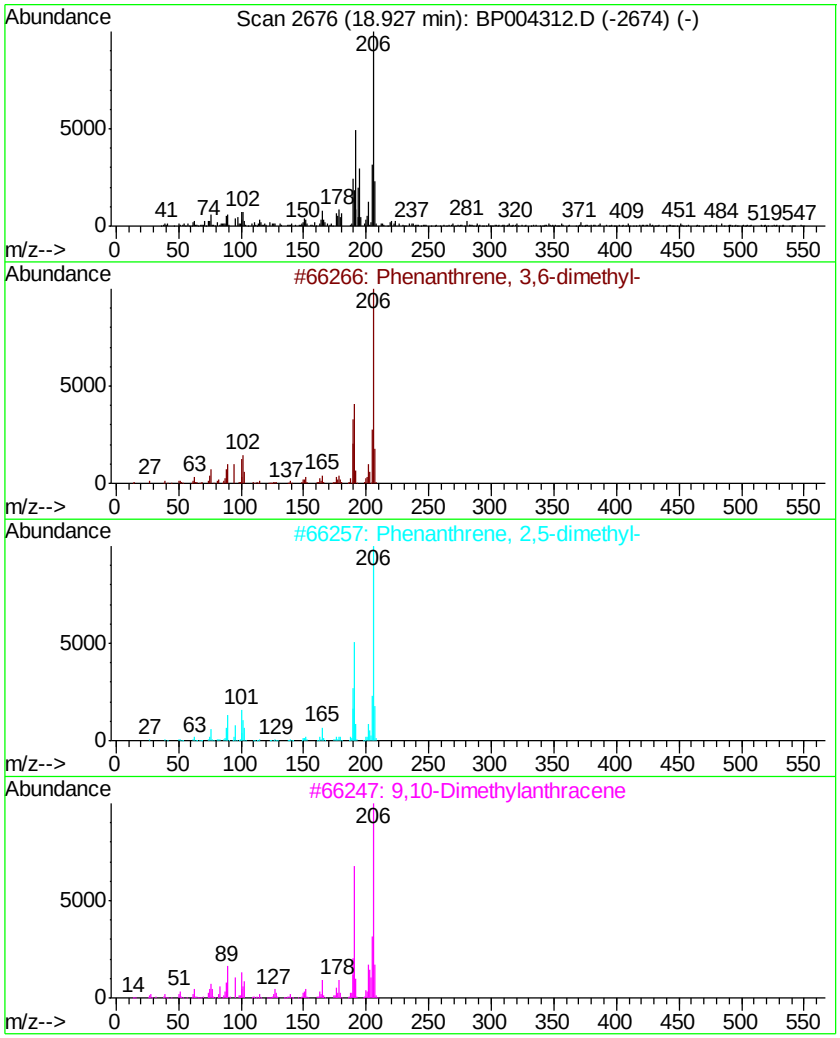
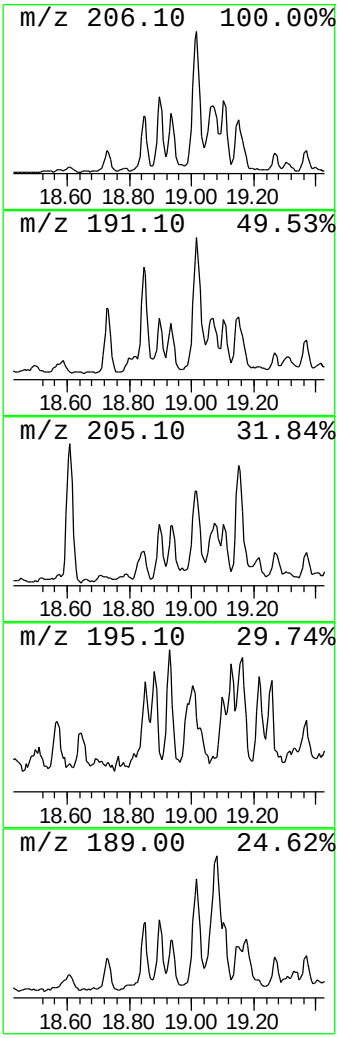
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.18 ng/ul	284554	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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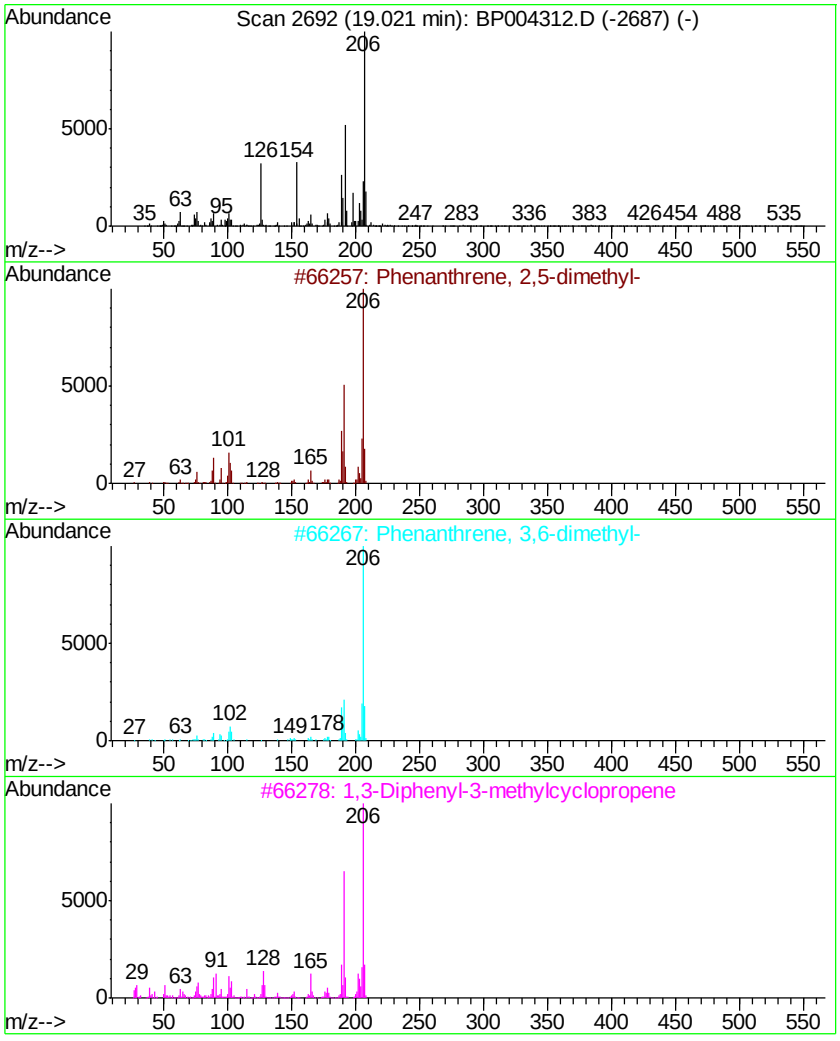
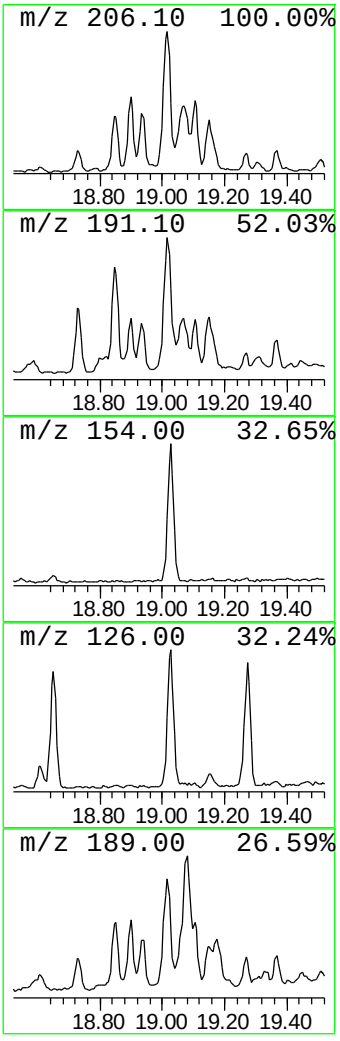
Peak Number 20 1,3-Diphenyl-3-methylcyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	8.03 ng/ul	1047040	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76





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Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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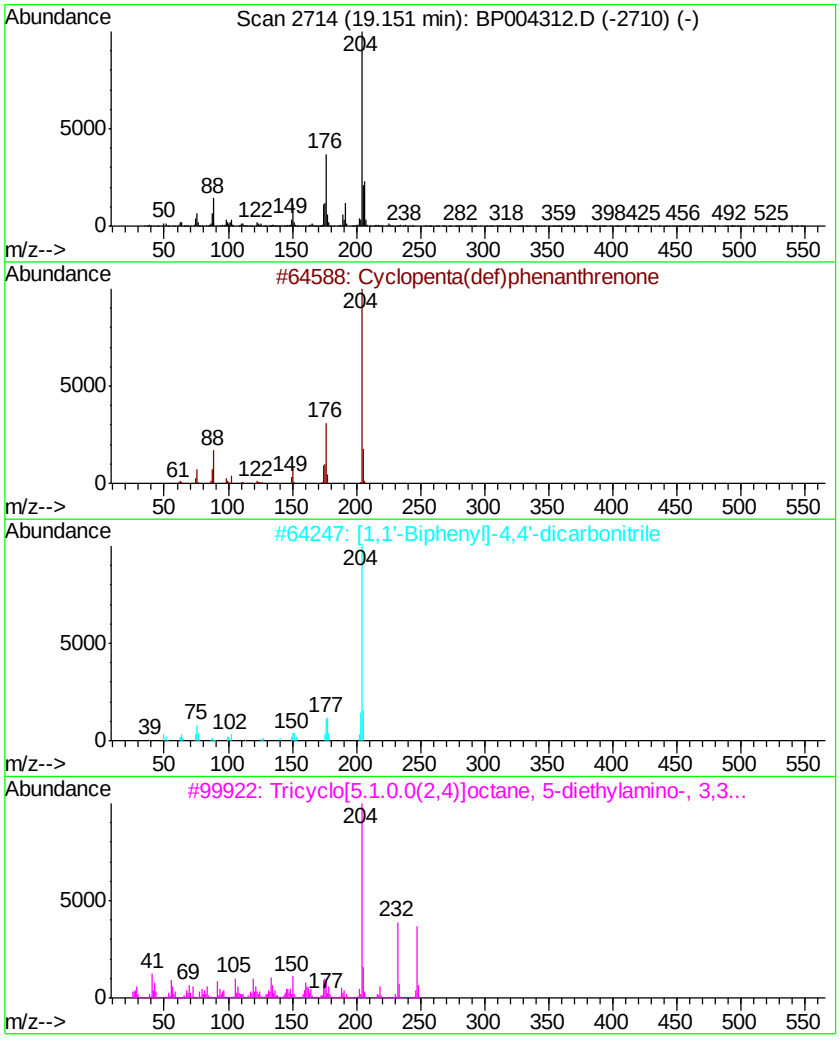
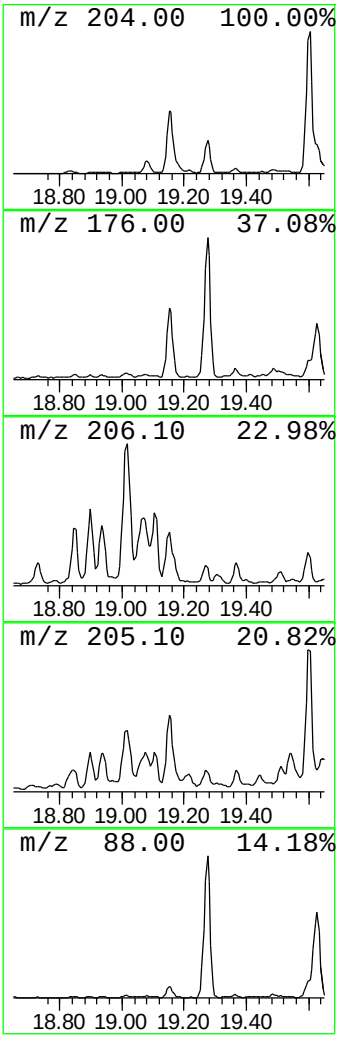
Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	8.30 ng/ul	1083280	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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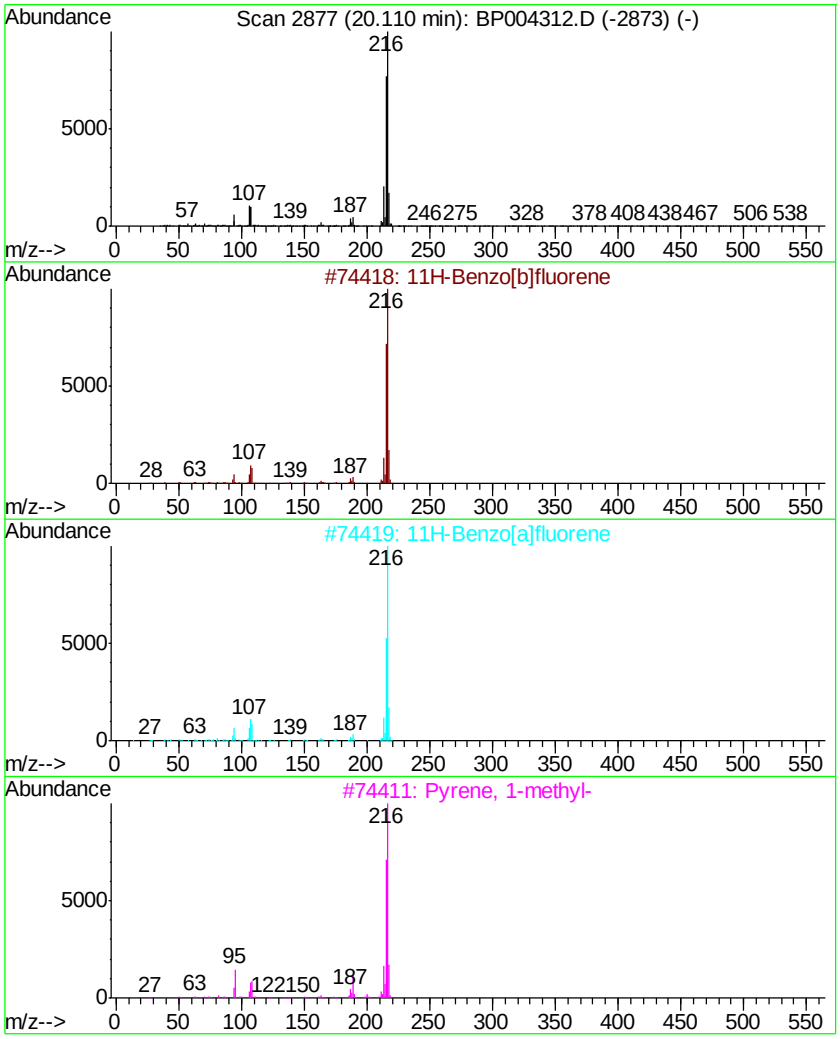
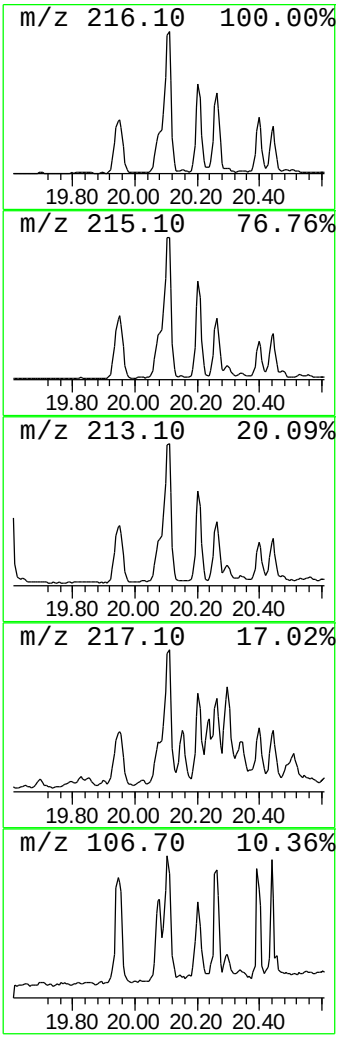
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	3.82 ng/ul	2599280	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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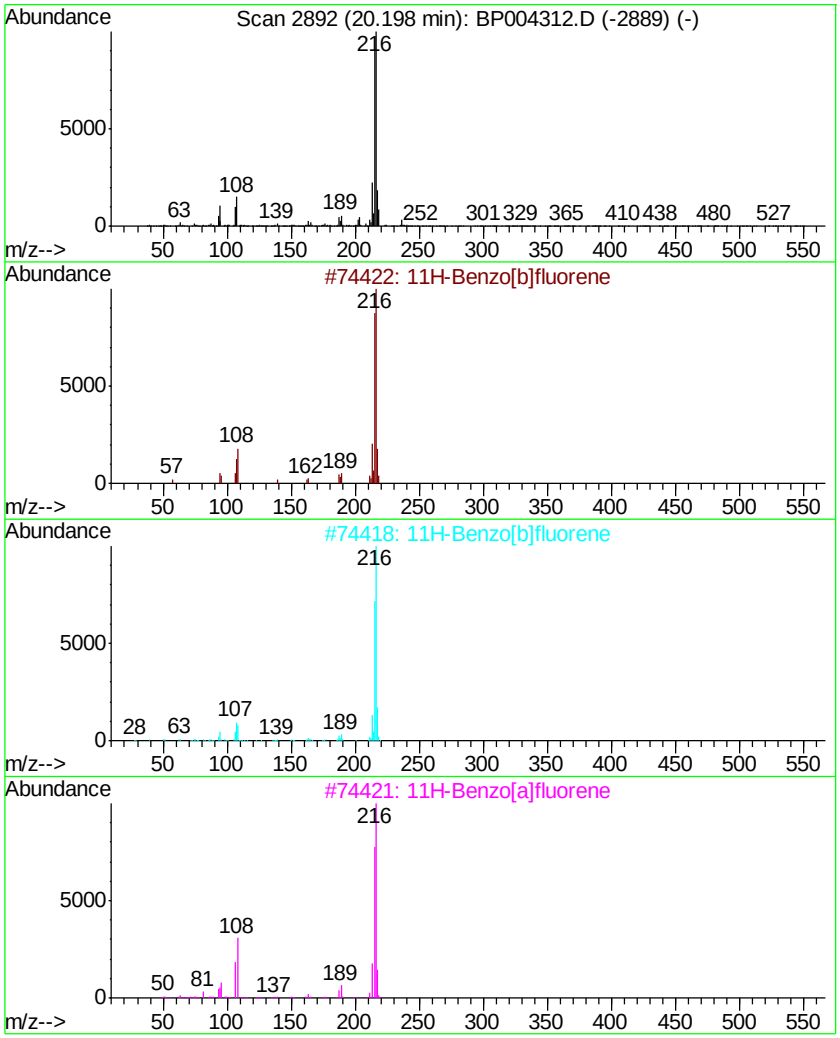
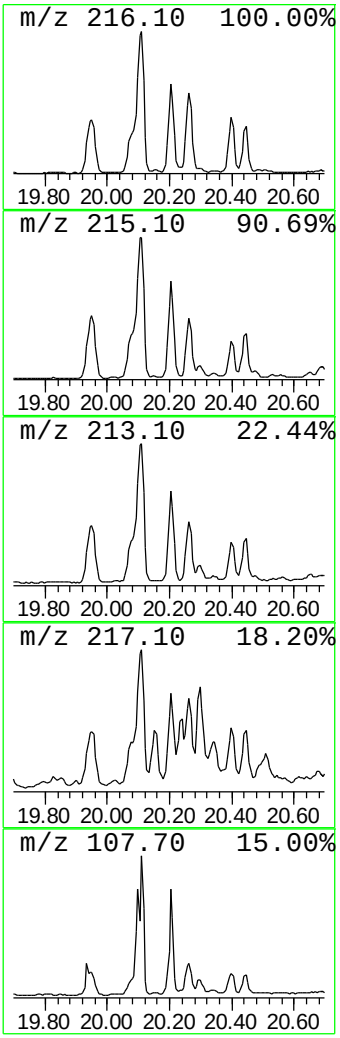
Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.28 ng/ul	1552120	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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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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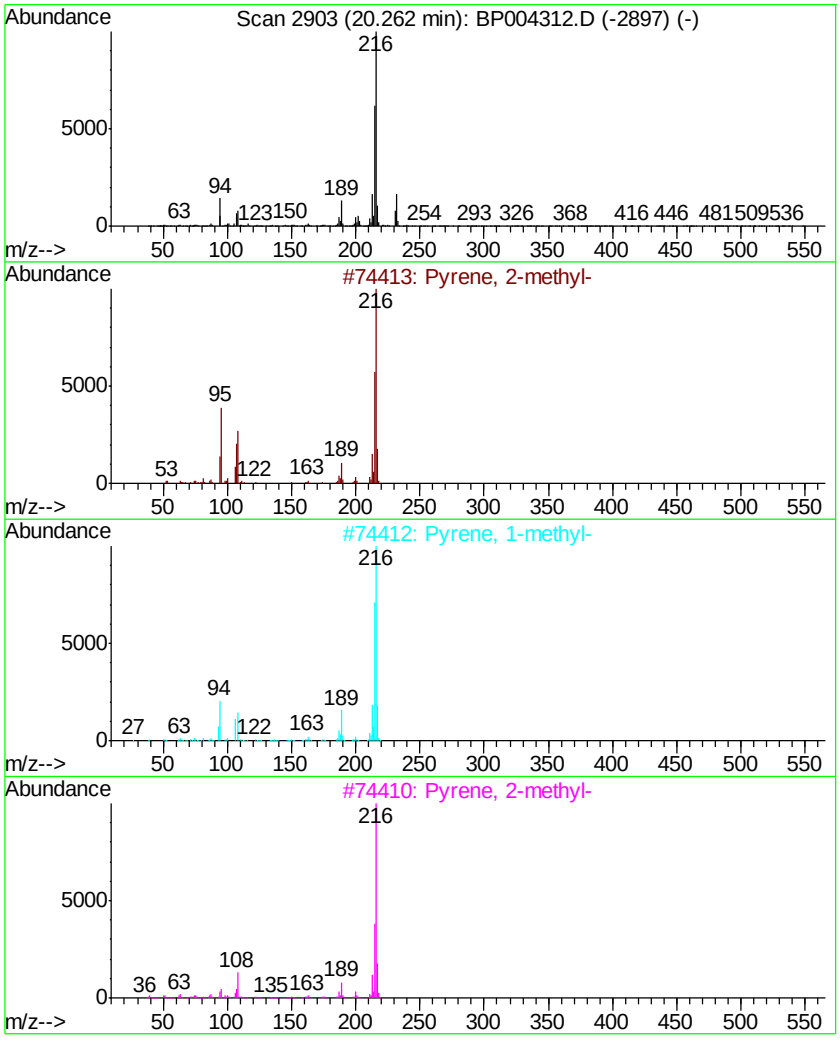
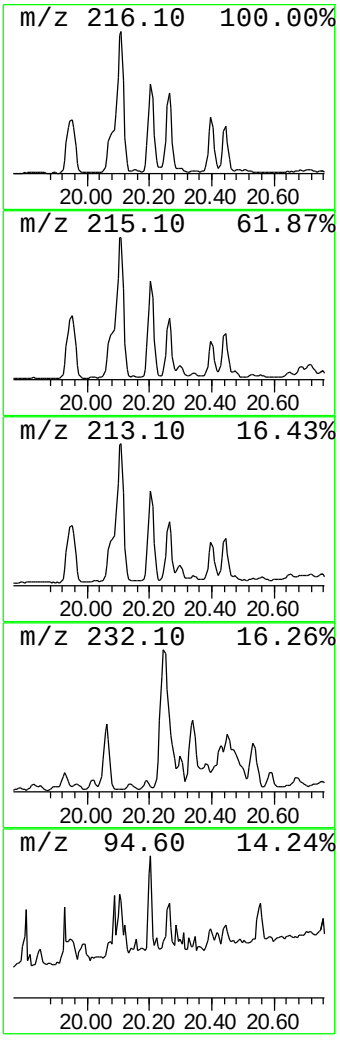
Peak Number 24 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.90 ng/ul	1971120	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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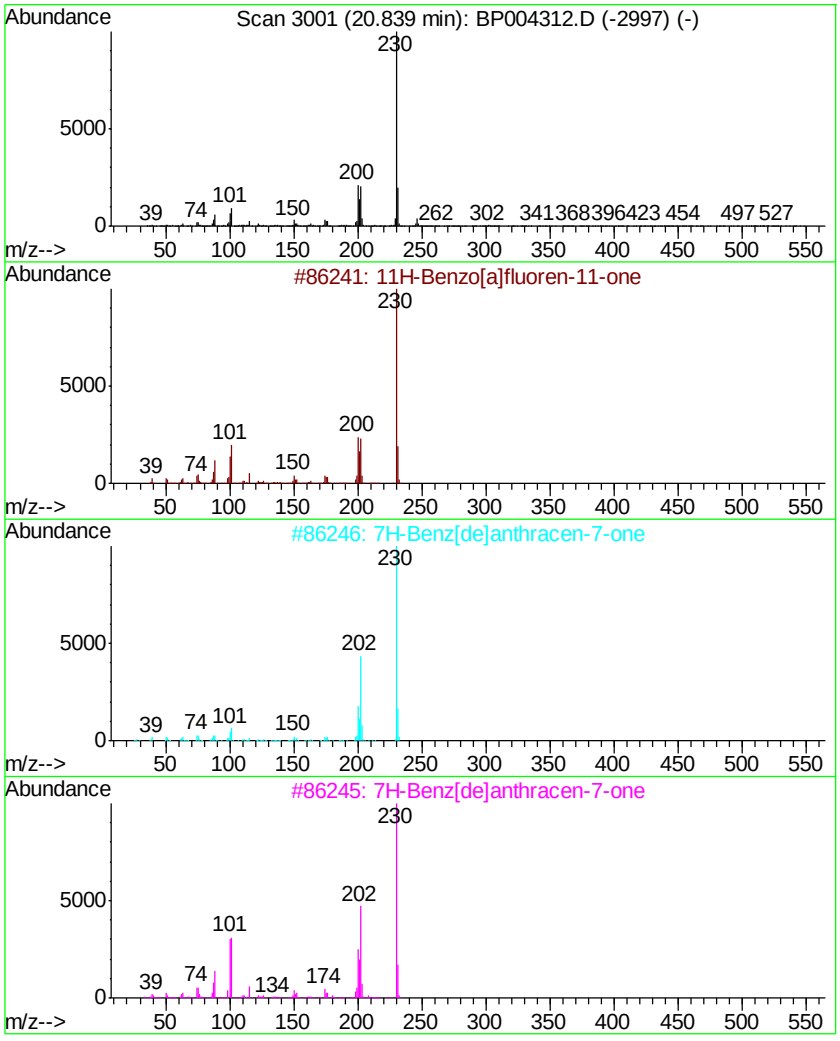
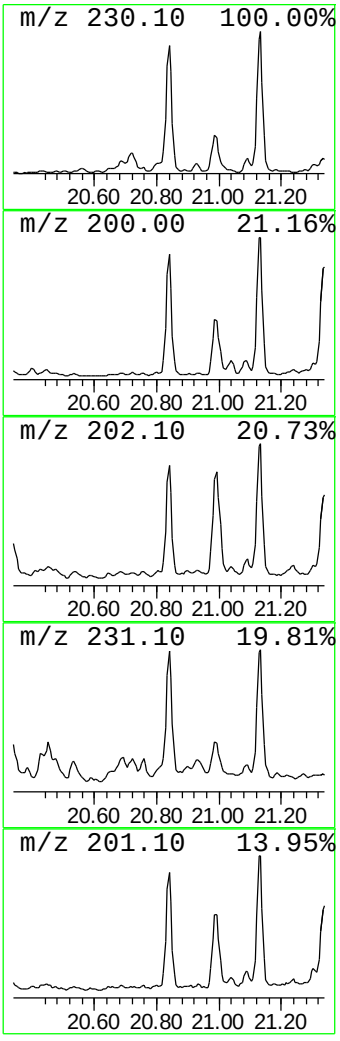
Peak Number 25 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.95 ng/ul	2001490	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74





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ClientSampleId : A54C8

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Quant Title : SVOA CALIBRATION

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

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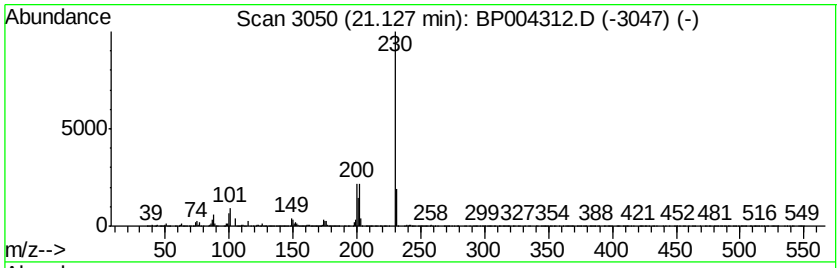
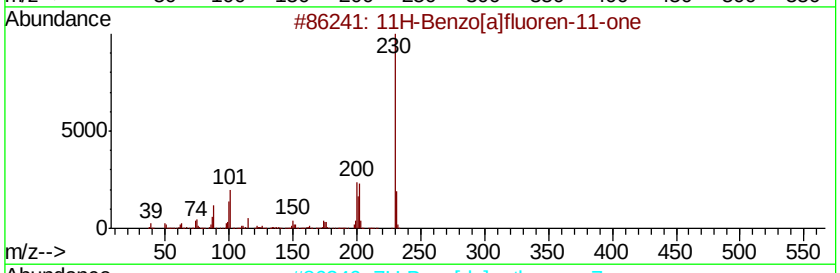
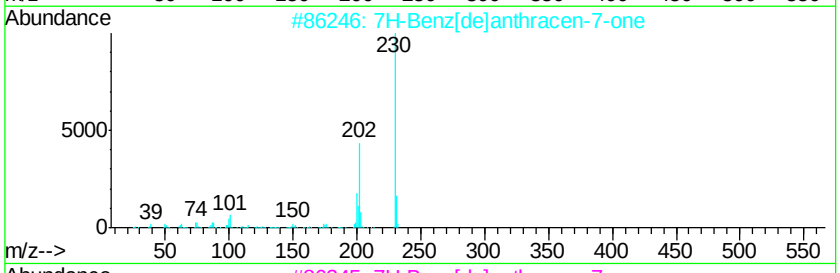
Peak Number 26 7H-Benz[de]anthracen-7-one Concentration Rank 14

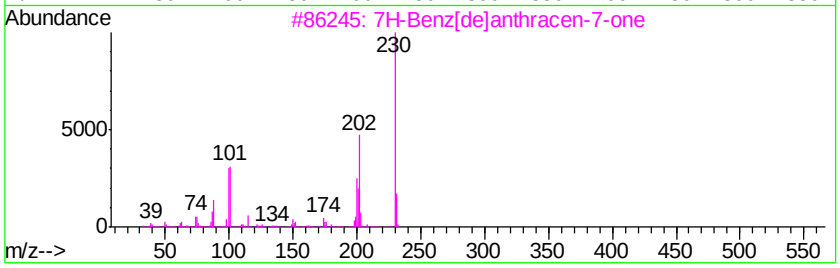
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	3.41 ng/ul	2314870	Chrysene-d12	21.35

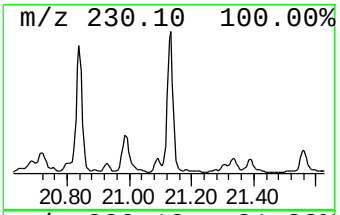
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74

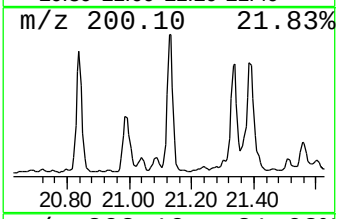


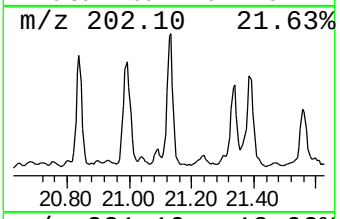


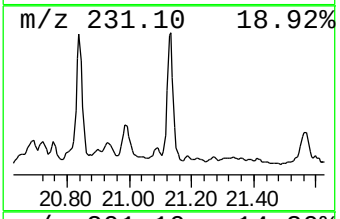


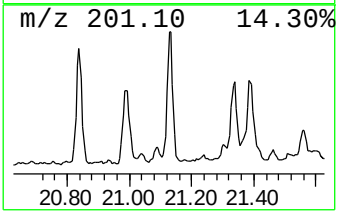












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Misc :
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ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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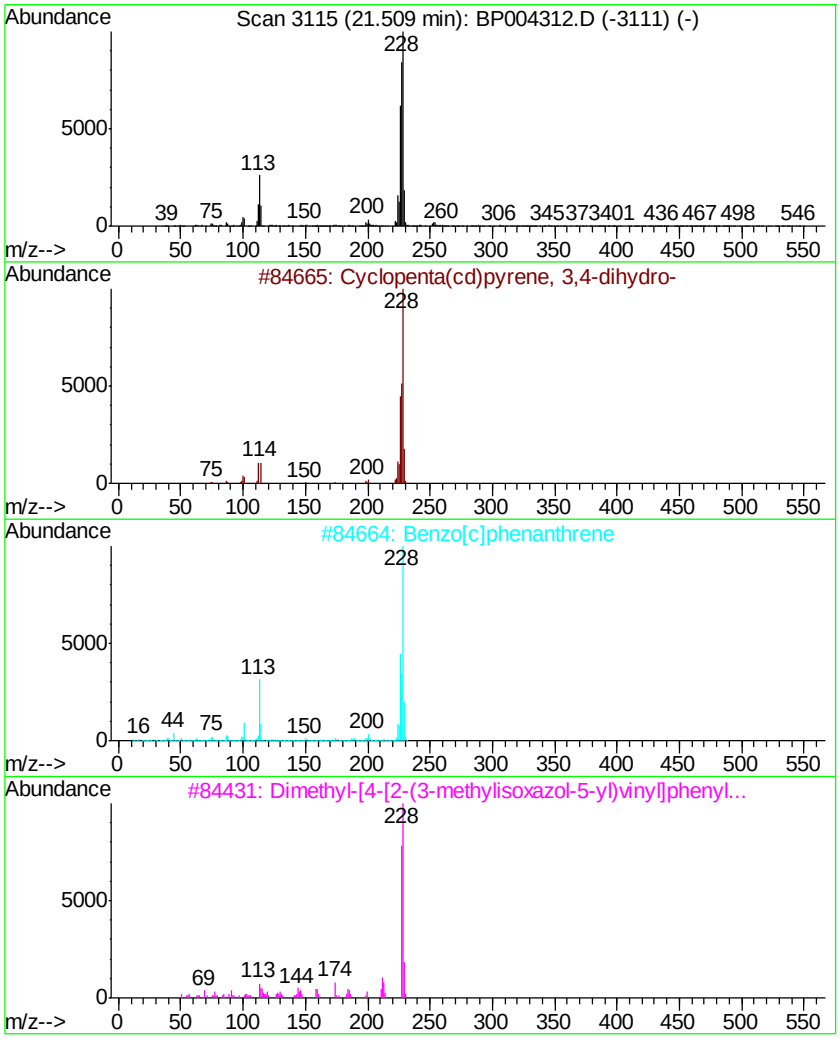
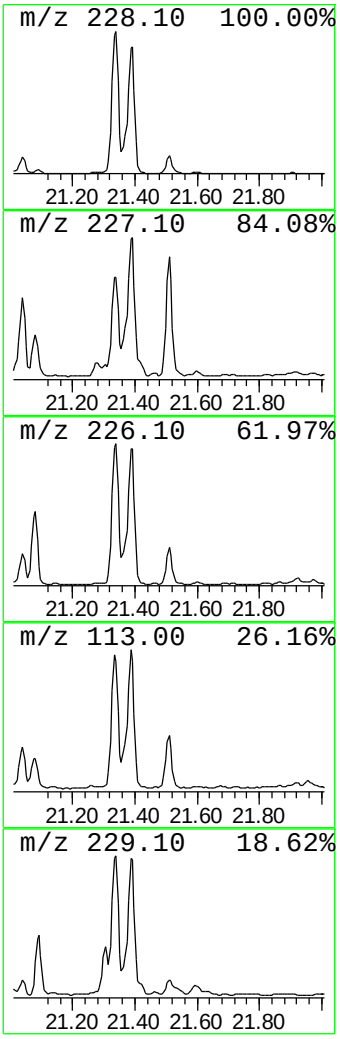
Peak Number 27 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.69 ng/ul	1825970	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	96
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	49
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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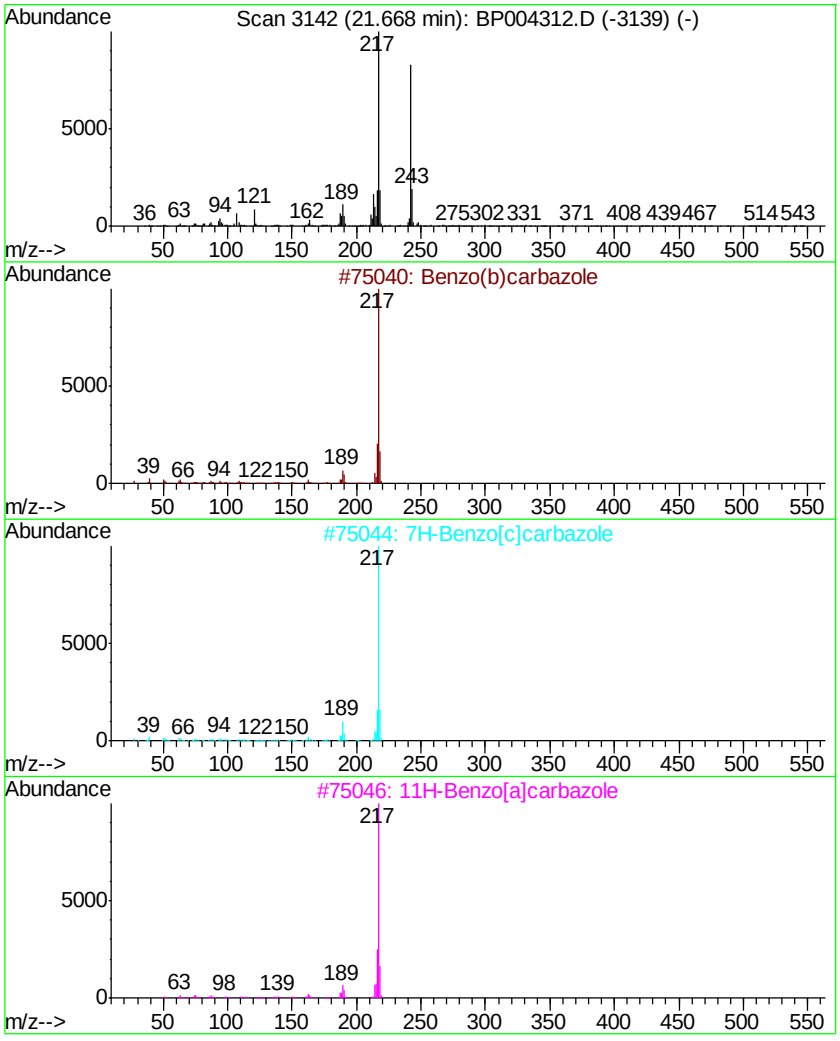
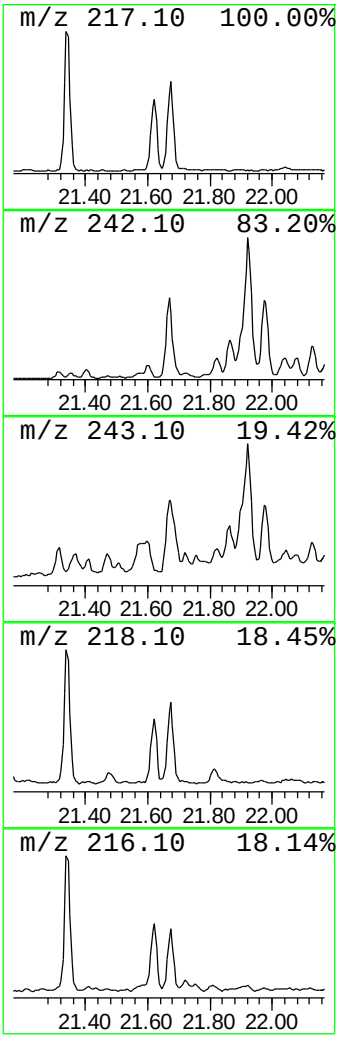
Peak Number 28 Benzo(b)carbazole Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.24 ng/ul	1521360	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	83
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
5	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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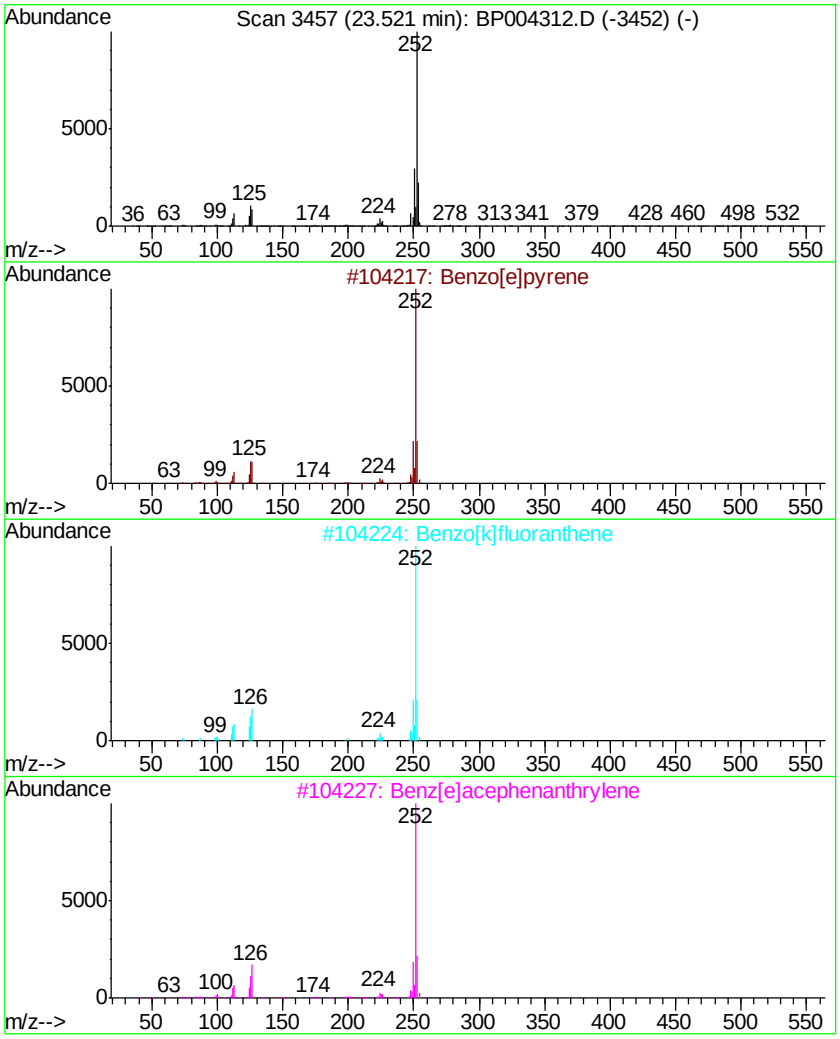
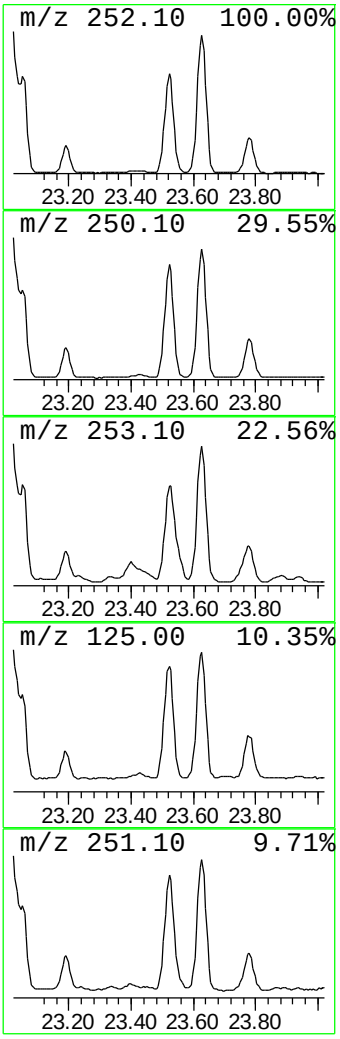
Peak Number 29 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	10.90 ng/ul	5497330	Perylene-d12	23.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
Data File : BP004312.D
Acq On : 15 Dec 2020 19:42
Operator : CG/JU
Sample : L5001-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
unknown-01	3.84	3.1	ng/ul	173687	1	7.85	1108040	20.0
Naphthalene, 1-me...	12.53	2.7	ng/ul	224537	2	10.64	1636970	20.0
Nordiphenamid	15.71	2.1	ng/ul	232009	3	14.49	2213100	20.0
[1,1'-Biphenyl]-4...	15.84	3.1	ng/ul	339448	3	14.49	2213100	20.0
2,4,6-Cycloheptat...	15.99	3.8	ng/ul	490912	4	17.26	2609080	20.0
(DEL) Alkane: Str...	16.22	2.6	ng/ul	333543	4	17.26	2609080	20.0
Dibenzothiophene	17.07	6.6	ng/ul	855181	4	17.26	2609080	20.0
Acridine	17.45	3.0	ng/ul	387453	4	17.26	2609080	20.0
Anthrone	17.84	2.3	ng/ul	300546	4	17.26	2609080	20.0
Anthracene, 1-met...	18.12	12.6	ng/ul	1643050	4	17.26	2609080	20.0
Phenanthrene, 2-m...	18.17	17.5	ng/ul	2282560	4	17.26	2609080	20.0
1H-Cyclopropa[l]p...	18.25	4.6	ng/ul	596433	4	17.26	2609080	20.0
4H-Cyclopenta[def...	18.32	24.9	ng/ul	3249930	4	17.26	2609080	20.0
Anthracene, 9-met...	18.35	5.8	ng/ul	760063	4	17.26	2609080	20.0
1,2,4,8-Tetrameth...	18.61	9.4	ng/ul	1228090	4	17.26	2609080	20.0
9,10-Anthracenedione	18.65	16.6	ng/ul	2161740	4	17.26	2609080	20.0
Anthracene, 2-ethyl-	18.85	2.0	ng/ul	265753	4	17.26	2609080	20.0
Phenanthrene, 3,6...	18.90	2.1	ng/ul	270619	4	17.26	2609080	20.0
Phenanthrene, 2,5...	18.93	2.2	ng/ul	284554	4	17.26	2609080	20.0
1,3-Diphenyl-3-me...	19.02	8.0	ng/ul	1047040	4	17.26	2609080	20.0
Cyclopenta(def)ph...	19.15	8.3	ng/ul	1083280	4	17.26	2609080	20.0
11H-Benzo[b]fluorene	20.11	3.8	ng/ul	2599280	5	21.35	13592200	20.0
11H-Benzo[a]fluorene	20.20	2.3	ng/ul	1552120	5	21.35	13592200	20.0
Pyrene, 2-methyl-	20.26	2.9	ng/ul	1971120	5	21.35	13592200	20.0
11H-Benzo[a]fluor...	20.84	3.0	ng/ul	2001490	5	21.35	13592200	20.0
7H-Benz[de]anthra...	21.13	3.4	ng/ul	2314870	5	21.35	13592200	20.0
Cyclopenta(cd)pyr...	21.51	2.7	ng/ul	1825970	5	21.35	13592200	20.0
Benzo(b)carbazole	21.67	2.2	ng/ul	1521360	5	21.35	13592200	20.0
Benzo[e]pyrene	23.52	10.9	ng/ul	5497330	6	23.73	10082400	20.0