LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.317	33	39	52	rVB	607915	891487	4.12%	0.317%
2	5.734	615	620	640	rBV	500537	777477	3.60%	0.277%
3	6.305	708	717	722	rBV	3633541	4580520	21.19%	1.629%
4	7.816	964	974	983	rBV	3783865	5163490	23.89%	1.837%
5	8.010	1001	1007	1012	rBV	4118206	5147186	23.81%	1.831%
6	8.369	1063	1068	1075	rBV	1277587	1525162	7.06%	0.543%
7	8.610	1104	1109	1114	rBV	3418882	4090894	18.92%	1.455%
8	9.246	1210	1217	1221	rBV	2556187	3077995	14.24%	1.095%
9	10.399	1408	1413	1416	rBV	1694880	1957292	9.05%	0.696%
10	10.434	1416	1419	1427	rVB	1147599	1227161	5.68%	0.437%
11	11.563	1606	1611	1617	rVB	993782	1084260	5.02%	0.386%
12	11.722	1630	1638	1644	rVB	850392	996712	4.61%	0.355%
13	12.175	1707	1715	1720	rBV	5293234	6608293	30.57%	2.351%
14	12.587	1778	1785	1787	rBV	402730	583166	2.70%	0.207%
15	12.716	1799	1807	1811	rBV	819687	1144138	5.29%	0.407%
16	12.757	1811	1814	1821	rVV	556483	615585	2.85%	0.219%
17	13.028	1853	1860	1868	rBV2	588986	901973	4.17%	0.321%
18	13.263	1894	1900	1904	rBV	2132797	2630533	12.17%	0.936%
19	13.316	1904	1909	1913	rVV	2573766	3117774	14.42%	1.109%
20	13.598	1949	1957	1965	rVB	2047952	2752372	12.73%	0.979%
21	13.804	1983	1992	1996	rBV	318772	517369	2.39%	0.184%
22	14.163	2048	2053	2059	rVB	2659512	3245175	15.01%	1.154%
23	14.304	2074	2077	2081	rVV	539708	579631	2.68%	0.206%
24	14.434	2094	2099	2103	rBV	943515	1133762	5.24%	0.403%
25	14.551	2108	2119	2130	rVV2	3733256	6489814	30.02%	2.308%
26	15.063	2200	2206	2209	rBV3	593722	1155650	5.35%	0.411%
27	15.104	2209	2213	2219	rVB3	354277	634992	2.94%	0.226%
28	15.281	2240	2243	2247	rVV2	604668	957907	4.43%	0.341%
29	15.316	2247	2249	2252	rVV	424663	504991	2.34%	0.180%
30	15.357	2252	2256	2266	rVB	1359958	2120728	9.81%	0.754%
31	15.451	2266	2272	2276	rBV	953476	1469605	6.80%	0.523%
32	15.498	2276	2280	2283	rVB	1322281	1606924	7.43%	0.572%
33	15.663	2302	2308	2310	rBV	1425917	2325067	10.76%	0.827%
34	15.716	2310	2317	2320	rVV	13358997	21617403	100.00%	7.689%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.781	2320	2328	2332	rVV	5369214	6867556	31.77%	2.443%
36	15.975	2358	2361	2364	rVV	472601	516221	2.39%	0.184%
37	16.010	2364	2367	2374	rVB	1456865	1754299	8.12%	0.624%
38	16.128	2384	2387	2390	rVV2	567143	617162	2.85%	0.220%
39	16.163	2390	2393	2398	rVV4	570488	743428	3.44%	0.264%
40	16.416	2429	2436	2439	rBV	2553557	3245193	15.01%	1.154%
41	16.451	2439	2442	2449	rVB	3680491	4402323	20.36%	1.566%
42	16.522	2449	2454	2457	rBV	1861920	2381611	11.02%	0.847%
43	16.569	2457	2462	2465	rVV	3496737	5066911	23.44%	1.802%
44	16.604	2465	2468	2472	rVB	1983279	2197608	10.17%	0.782%
45	16.669	2475	2479	2482	rBV2	391341	506596	2.34%	0.180%
46	16.845	2504	2509	2517	rVB2	2298465	3739199	17.30%	1.330%
47	17.051	2536	2544	2548	rBV4	604474	1044143	4.83%	0.371%
48	17.122	2554	2556	2561	rVB2	563872	628593	2.91%	0.224%
49	17.192	2561	2568	2572	rBV	1242273	2113631	9.78%	0.752%
50	17.239	2572	2576	2580	rBV2	565611	767765	3.55%	0.273%
51	17.422	2598	2607	2610	rBV	13114338	20779759	96.13%	7.391%
52	17.492	2615	2619	2622	rVV3	575186	859237	3.97%	0.306%
53	17.528	2622	2625	2632	rVV2	510851	714431	3.30%	0.254%
54	17.604	2633	2638	2641	rVV2	1139973	1494437	6.91%	0.532%
55	17.728	2651	2659	2662	rVV3	10909940	20623002	95.40%	7.336%
56	17.786	2665	2669	2672	rVV	1050674	1195404	5.53%	0.425%
57	17.880	2679	2685	2688	rBV	1524168	1779943	8.23%	0.633%
58	17.939	2688	2695	2699	rVV2	5806316	7376794	34.12%	2.624%
59	17.992	2701	2704	2705	rBV	629768	587779	2.72%	0.209%
60	18.022	2705	2709	2712	rVV	1203512	1938368	8.97%	0.689%
61	18.133	2722	2728	2730	rBV3	1052734	1788019	8.27%	0.636%
62	18.163	2730	2733	2736	rVB	2455736	2690708	12.45%	0.957%
63	18.251	2744	2748	2751	rBV	1213009	1268243	5.87%	0.451%
64	18.298	2751	2756	2759	rBV	2379293	2803675	12.97%	0.997%
65	18.380	2767	2770	2772	rBV	445252	495566	2.29%	0.176%
66	18.416	2772	2776	2779	rVB	1076300	1138805	5.27%	0.405%
67	18.457	2779	2783	2786	rBV2	1066697	1163263	5.38%	0.414%
68	18.557	2796	2800	2804	rBV2	594670	854335	3.95%	0.304%
69	18.675	2814	2820	2821	rBV5	440769	725633	3.36%	0.258%
70	18.822	2840	2845	2853	rVB	1592328	2317993	10.72%	0.825%
71	18.969	2865	2870	2874	rBV2	1581257	2229316	10.31%	0.793%

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Misc :
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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.010	2874	2877	2880	rVV	1394233	1740775	8.05%	0.619%
73	19.033	2880	2881	2883	rVV	823989	663565	3.07%	0.236%
74	19.057	2883	2885	2889	rVV2	667925	759404	3.51%	0.270%
75	19.098	2889	2892	2899	rVB	1689483	2028067	9.38%	0.721%
76	19.163	2900	2903	2906	rBV2	606520	866567	4.01%	0.308%
77	19.298	2917	2926	2930	rBV2	8064805	14299746	66.15%	5.086%
78	19.345	2930	2934	2936	rVB	6061295	6893954	31.89%	2.452%
79	19.433	2943	2949	2953	rBV2	934146	1217826	5.63%	0.433%
80	19.539	2964	2967	2970	rVV2	819197	931958	4.31%	0.332%
81	19.592	2970	2976	2980	rVV2	825409	1399199	6.47%	0.498%
82	19.716	2992	2997	3000	rBV3	477947	725742	3.36%	0.258%
83	19.757	3000	3004	3006	rBV	554143	603793	2.79%	0.215%
84	19.804	3006	3012	3015	rVV	1814311	2289223	10.59%	0.814%
85	19.845	3015	3019	3024	rVB	918895	1011767	4.68%	0.360%
86	19.922	3029	3032	3035	rVB2	857864	857105	3.96%	0.305%
87	19.957	3035	3038	3040	rBV3	743138	890138	4.12%	0.317%
88	20.057	3053	3055	3060	rVB2	540890	641000	2.97%	0.228%
89	20.180	3072	3076	3080	rBV2	793268	981838	4.54%	0.349%
90	20.604	3141	3148	3151	rBV	4833599	9928805	45.93%	3.532%
91	20.633	3151	3153	3156	rVB	3096162	2883505	13.34%	1.026%
92	20.721	3164	3168	3171	rVB	1284779	1483334	6.86%	0.528%
93	20.757	3171	3174	3180	rVB5	293951	503414	2.33%	0.179%
94	20.951	3201	3207	3213	rVB	2695969	4578846	21.18%	1.629%
95	21.027	3213	3220	3225	rVB	4414702	6729258	31.13%	2.394%
96	21.092	3226	3231	3234	rBV	1556121	2332618	10.79%	0.830%
97	21.127	3234	3237	3241	rVB	1086901	1274578	5.90%	0.453%
98	22.763	3508	3515	3525	rVB2	1808715	4451056	20.59%	1.583%
99	22.968	3545	3550	3554	rBV	368678	686366	3.18%	0.244%
100	23.263	3592	3600	3611	rVB	1135720	2828808	13.09%	1.006%

Sum of corrected areas: 281131692

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
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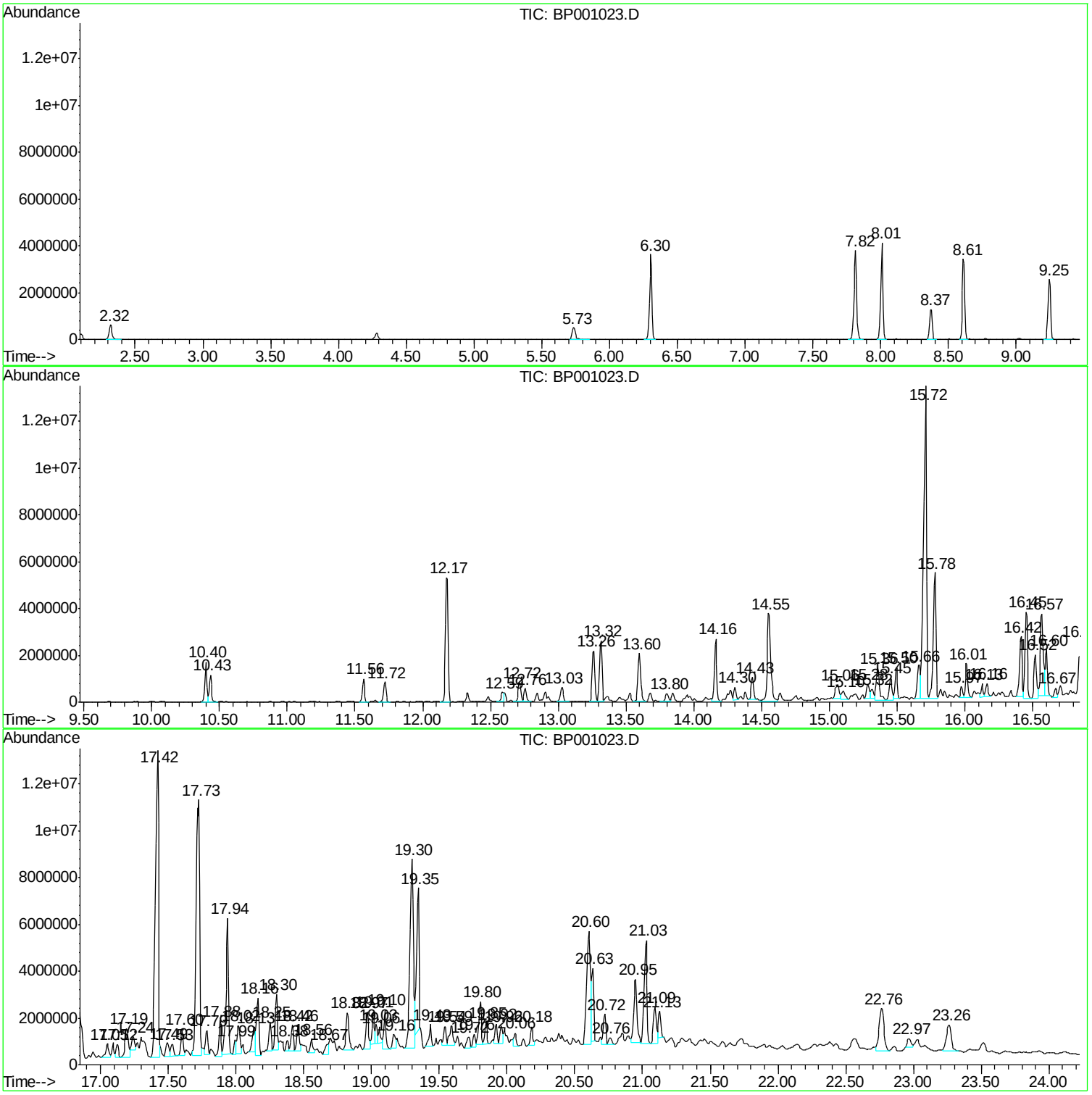
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

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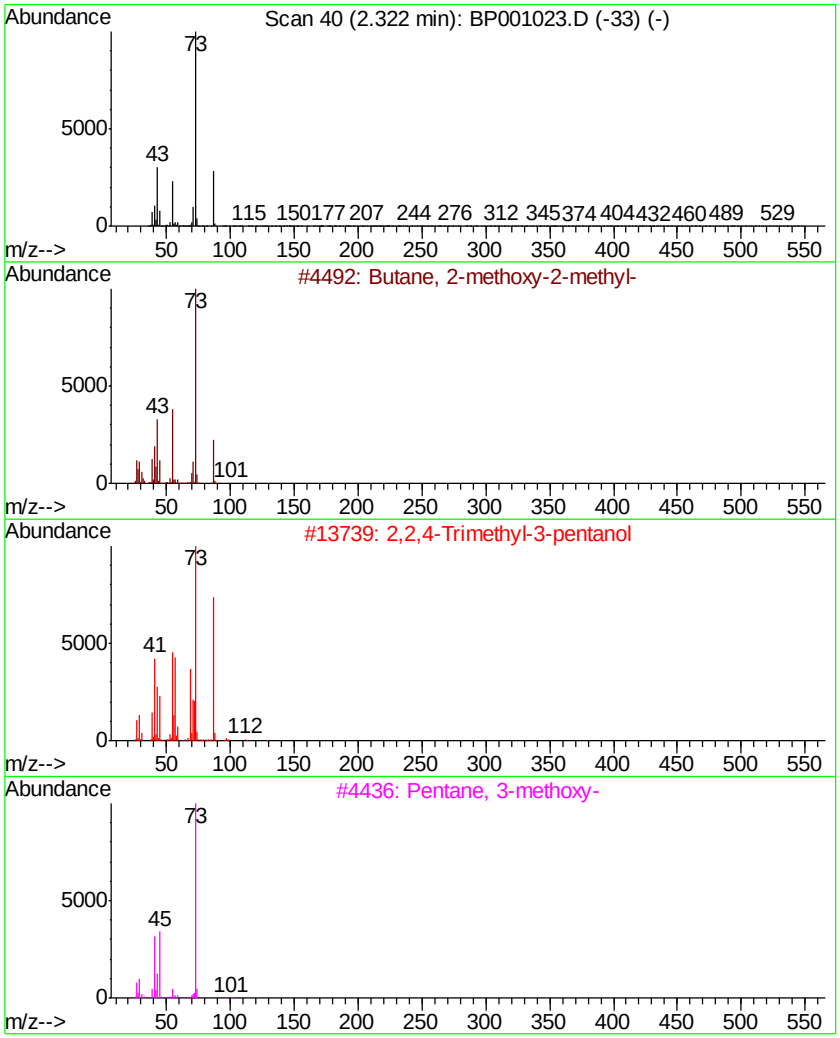
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

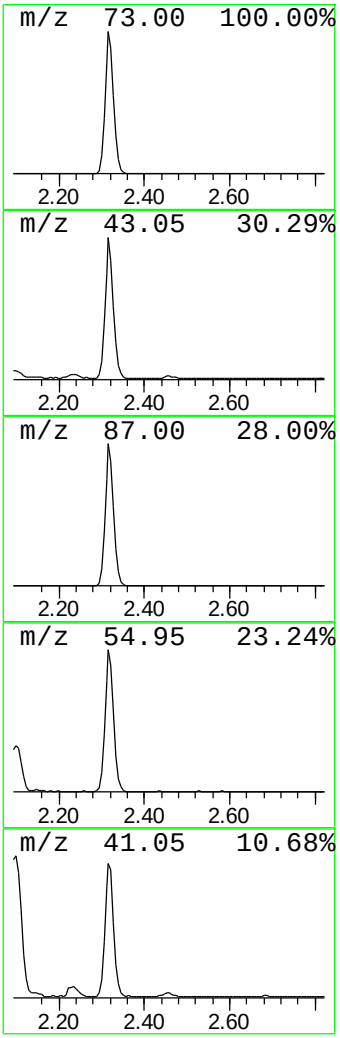
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	11.69 ng	891487	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

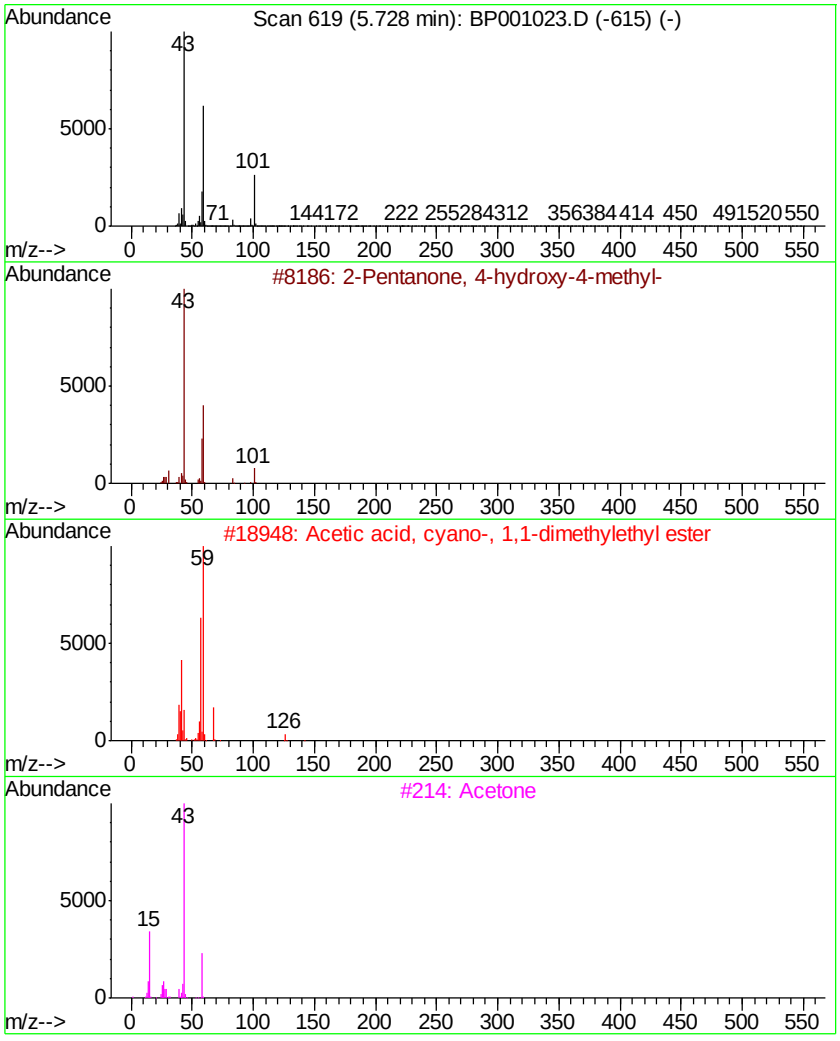
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

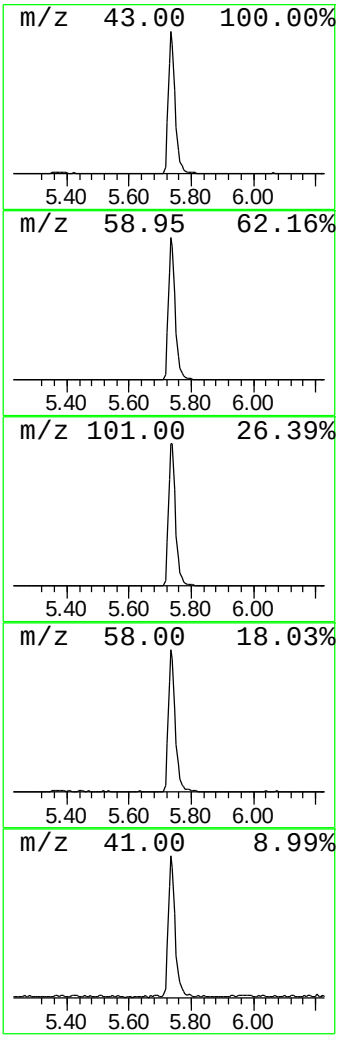
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	10.20 ng	777477	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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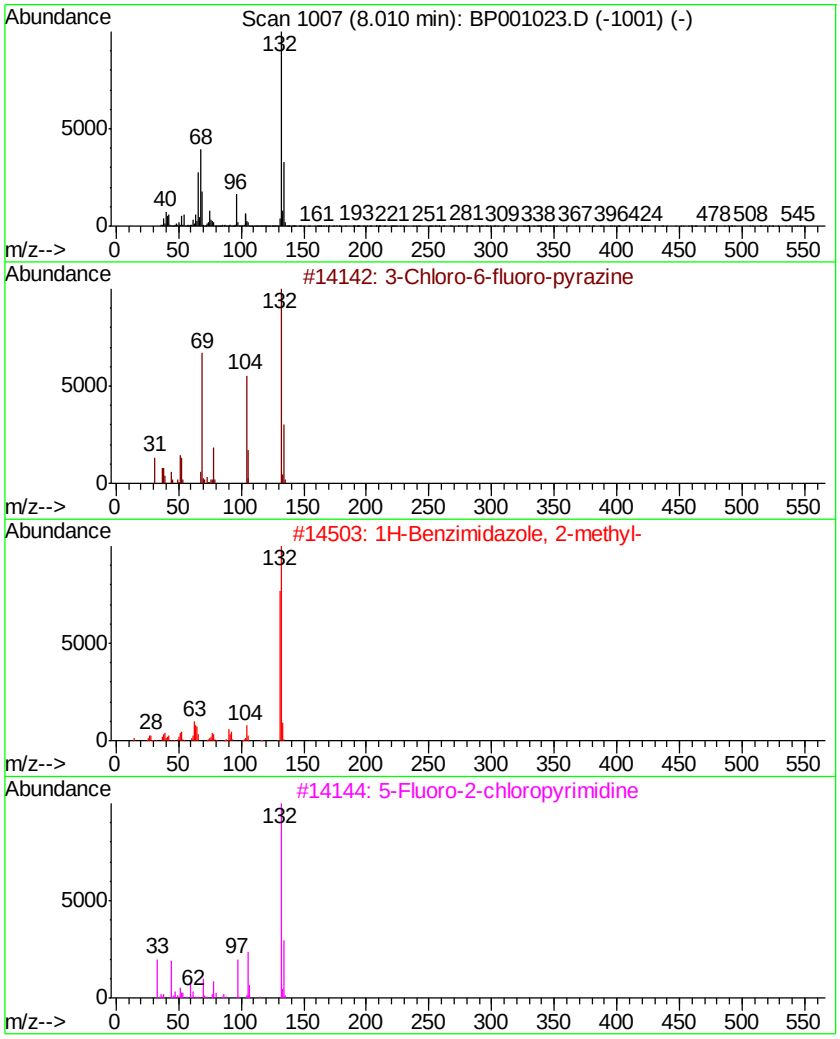
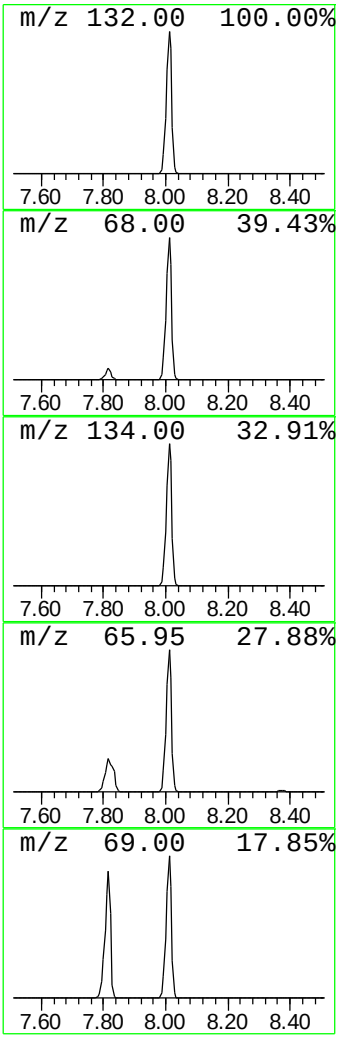
****

Peak Number 3 unknown8.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	67.50 ng	5147190	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

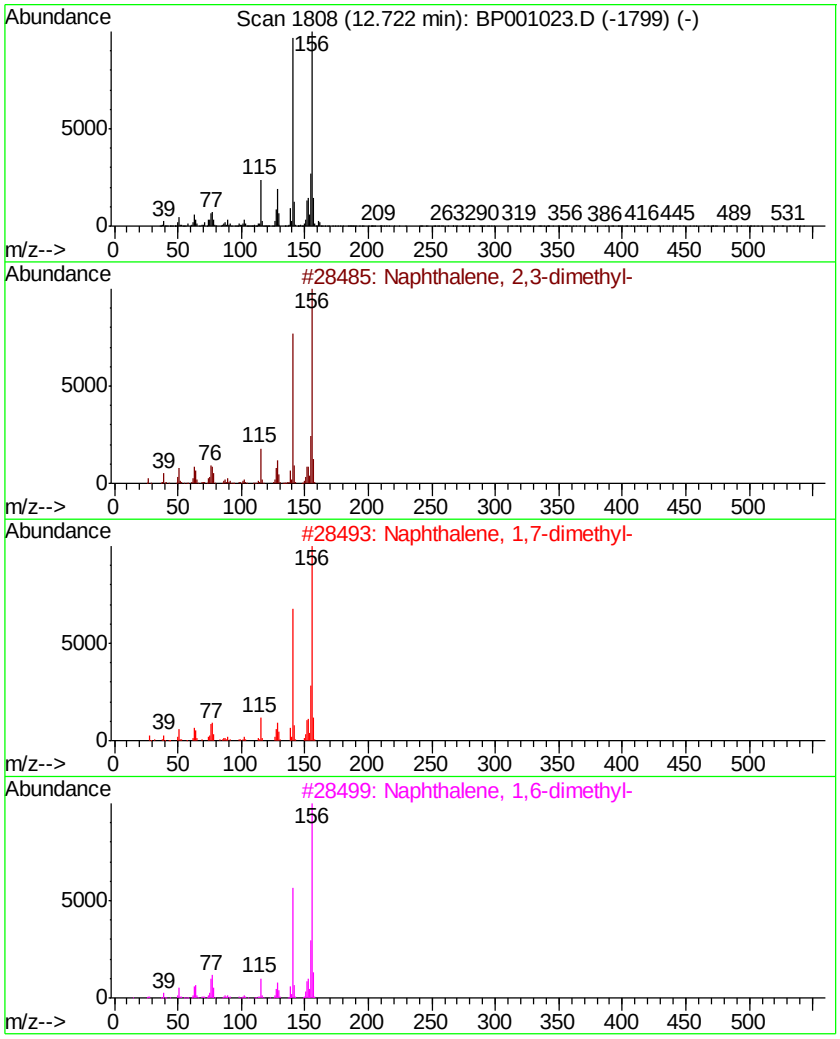
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

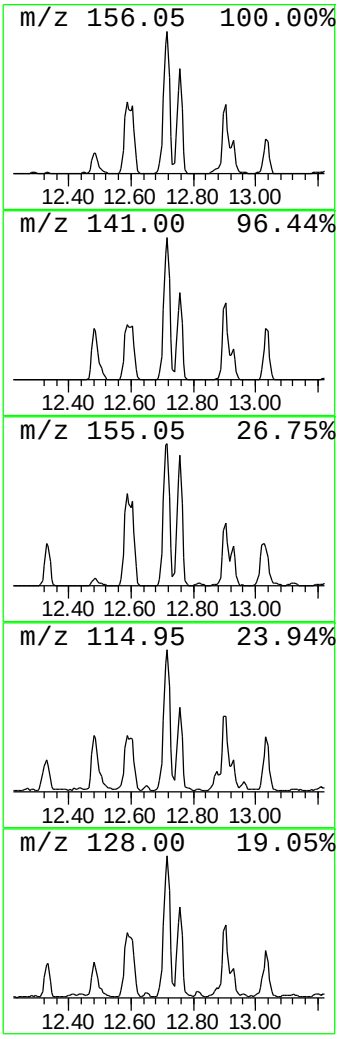
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	8.70 ng	1144140	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
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Sample : K5749-01
Misc :
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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

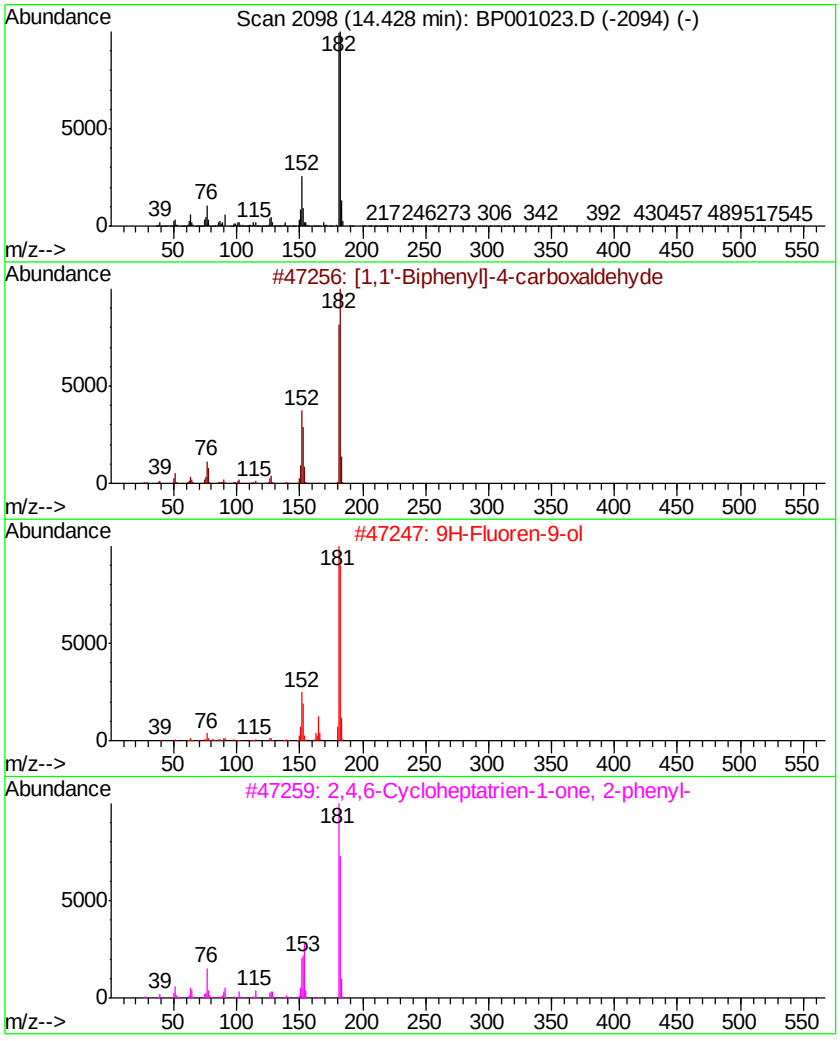
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

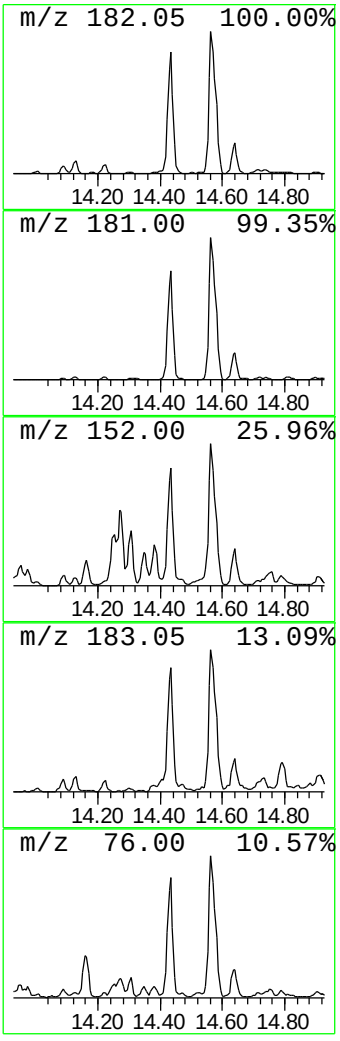
****

Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	8.62 ng	1133760	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





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Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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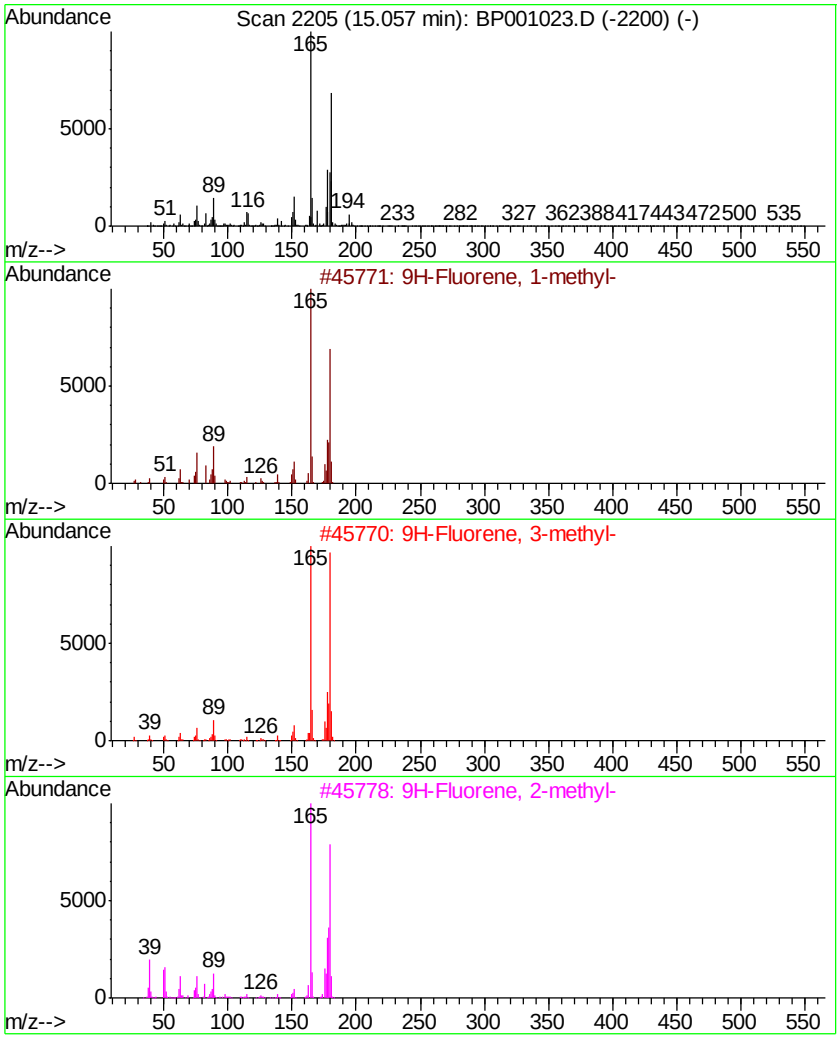
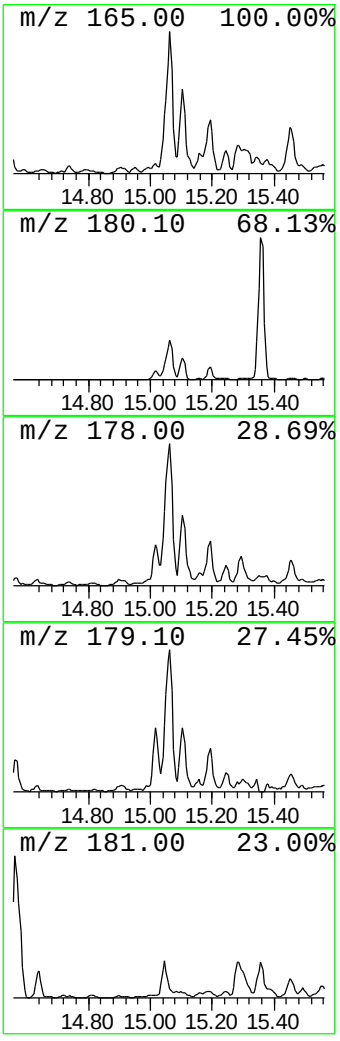
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	9.94 ng	1155650	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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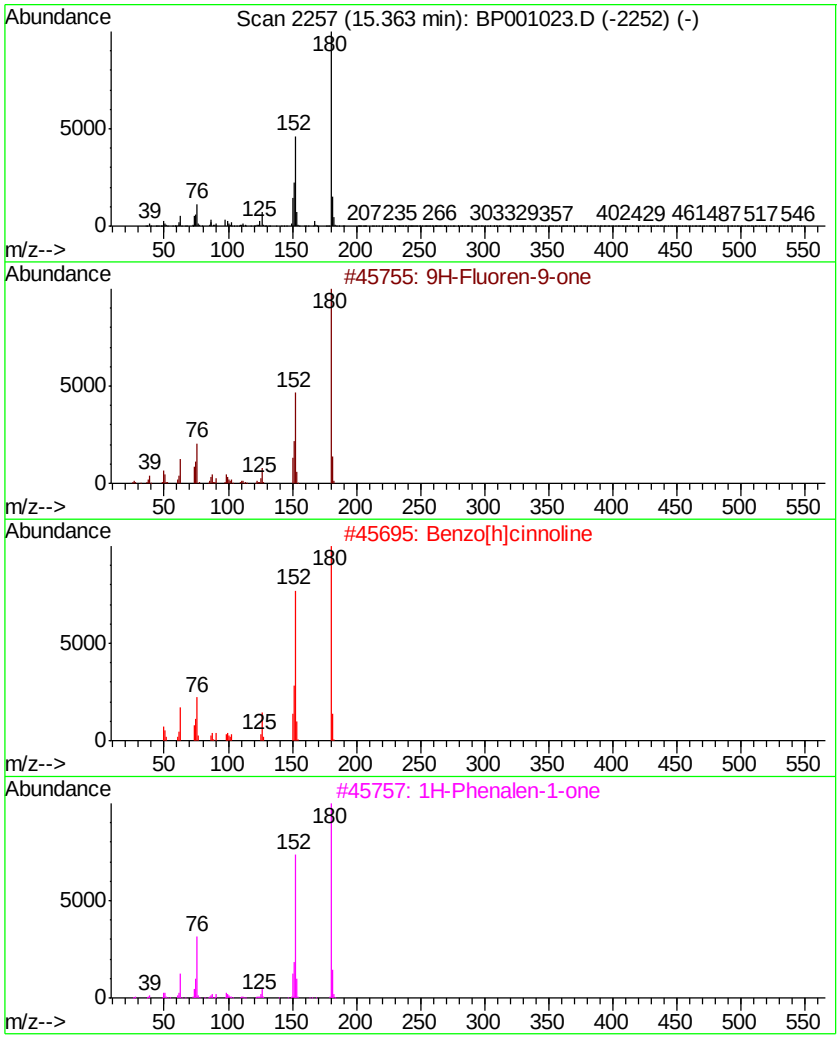
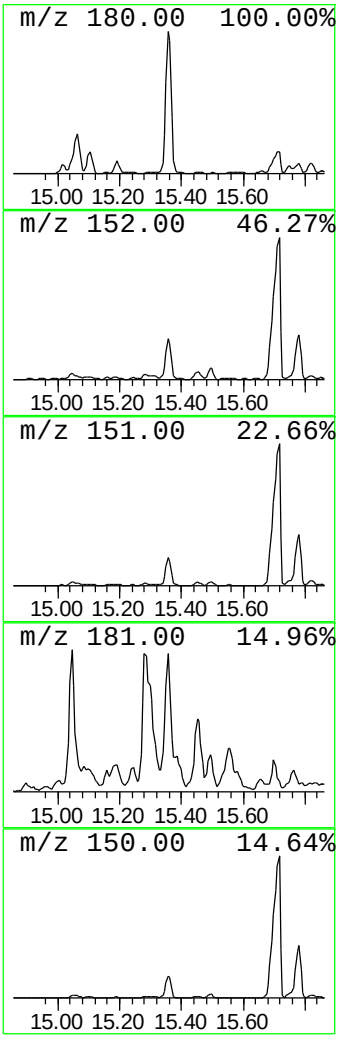
Peak Number 8 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	18.24 ng	2120730	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	59
5	Benzo(f)quinoxaline	180	C12H8N2	000230-33-1	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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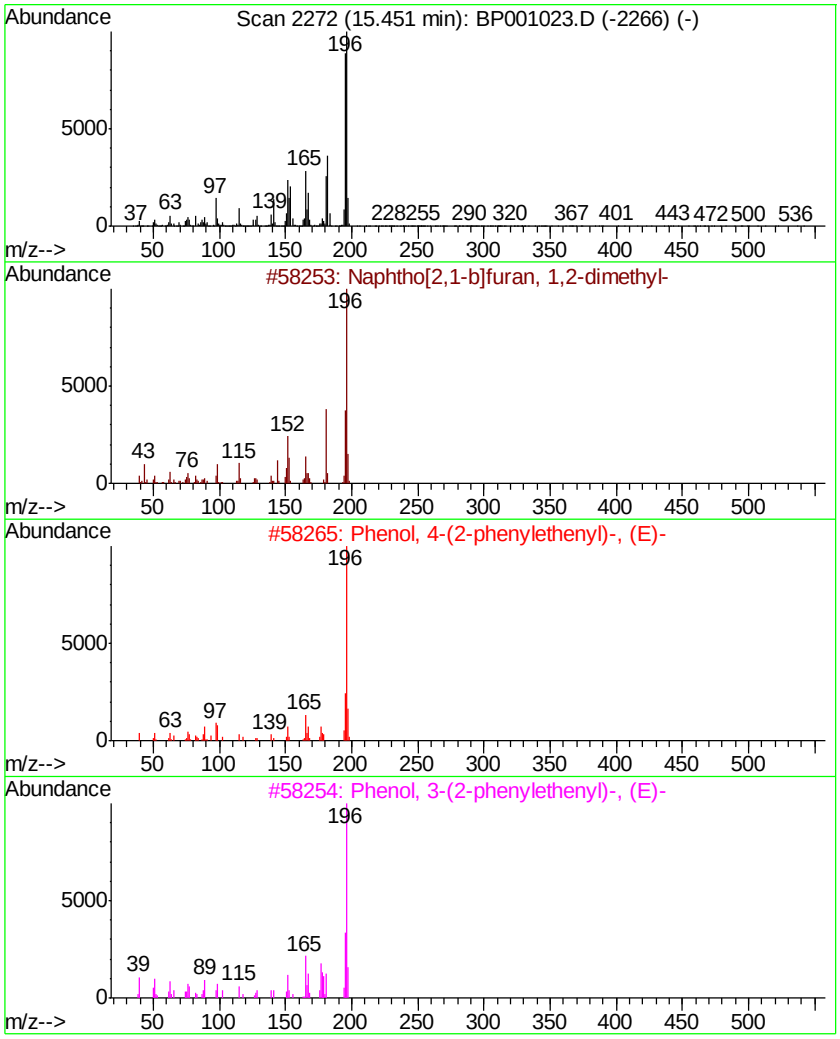
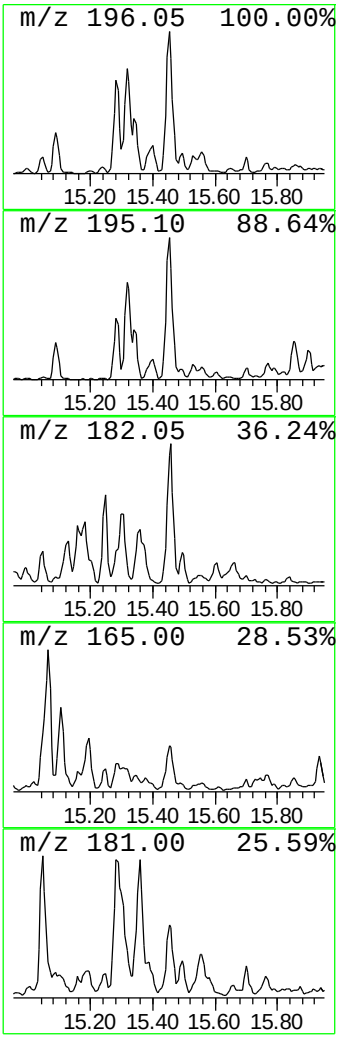
Peak Number 9 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	12.64 ng	1469610	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	60
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	43
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43





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ClientSampleId : NORTH-BERGEN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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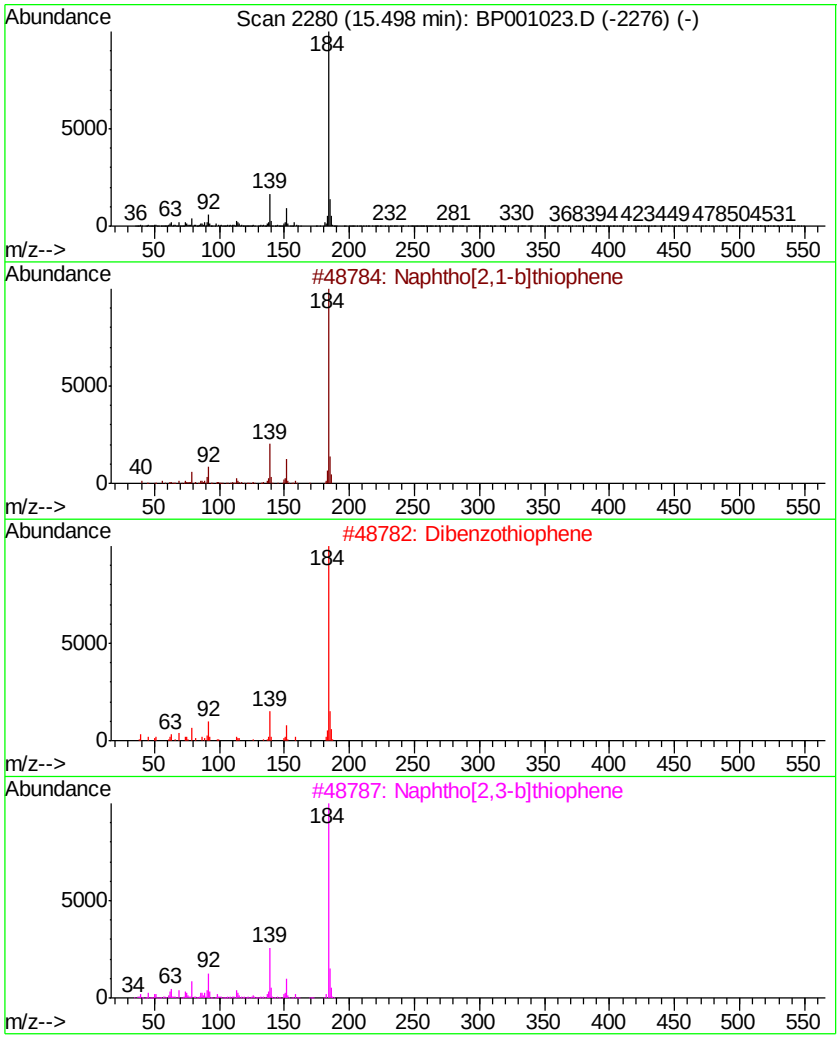
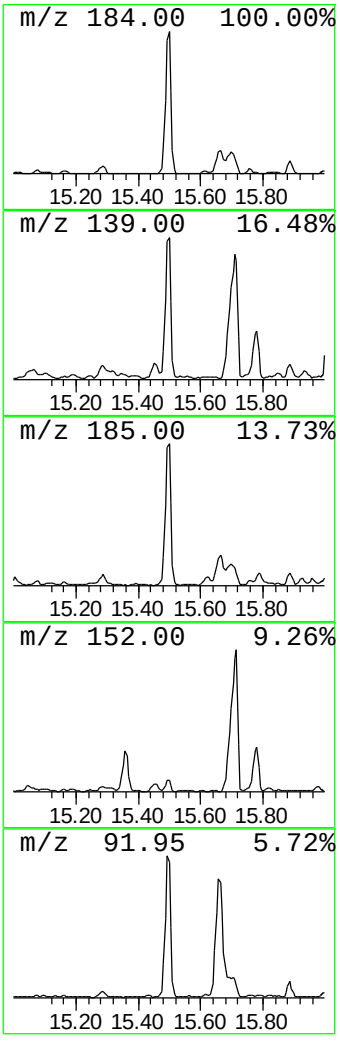
Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	13.82 ng	1606920	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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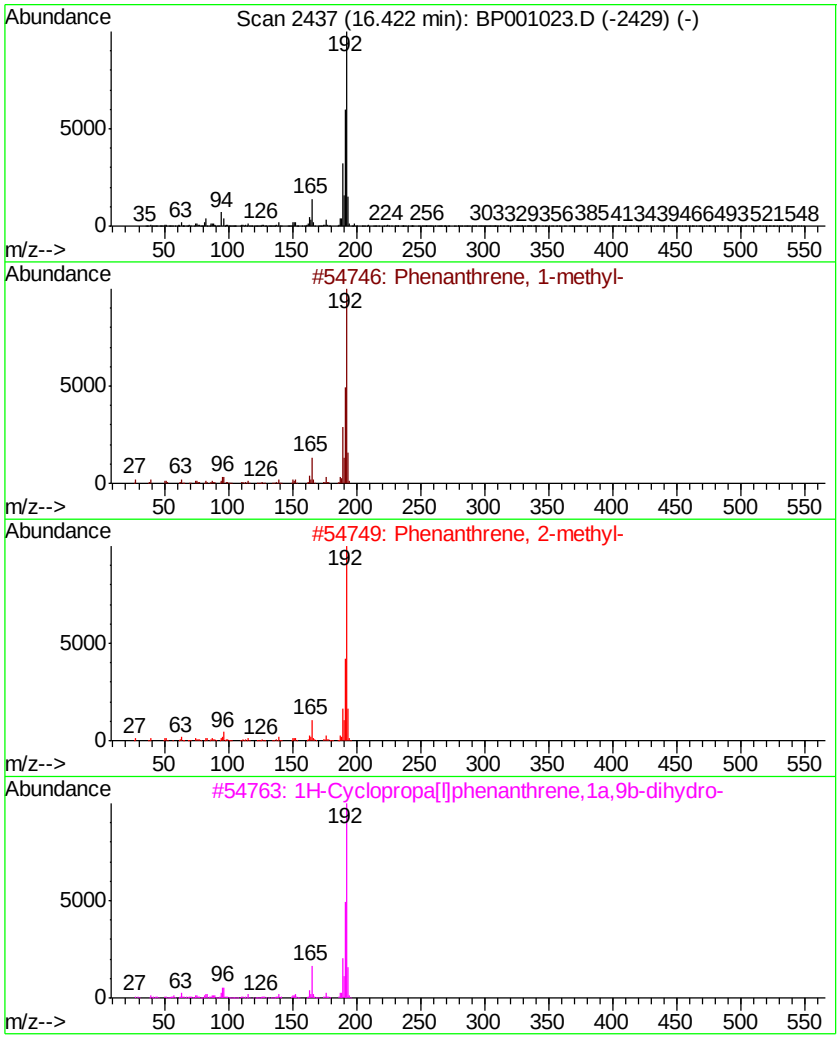
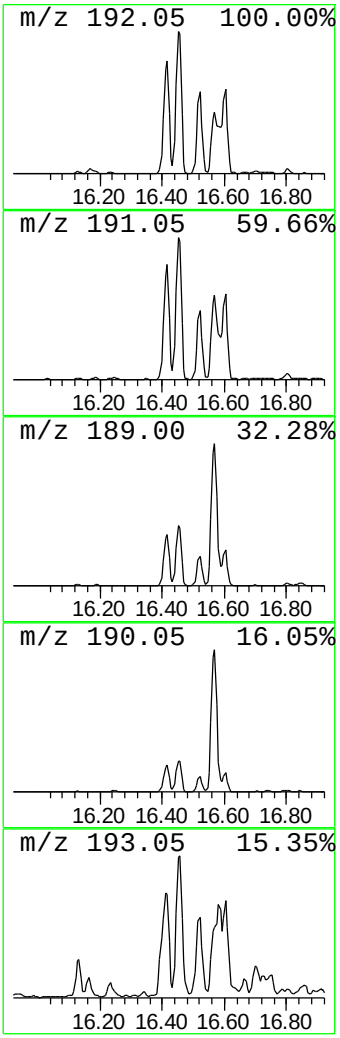
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	27.91 ng	3245190	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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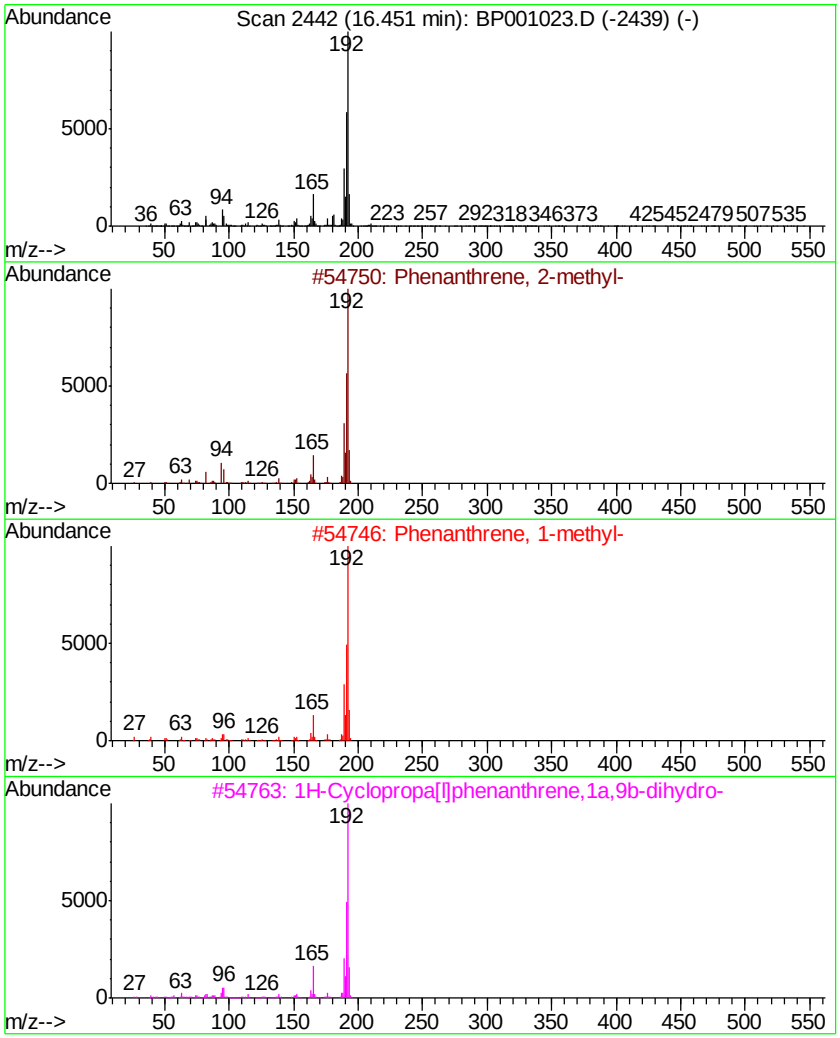
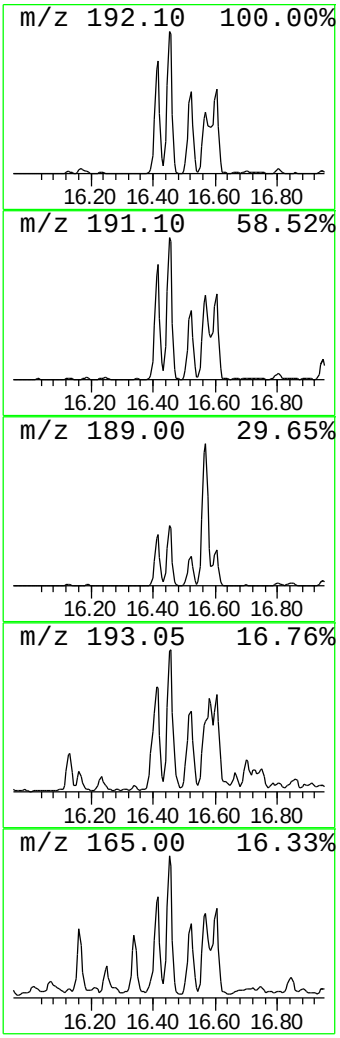
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	37.87 ng	4402320	Phenanthrene-d10	15.66

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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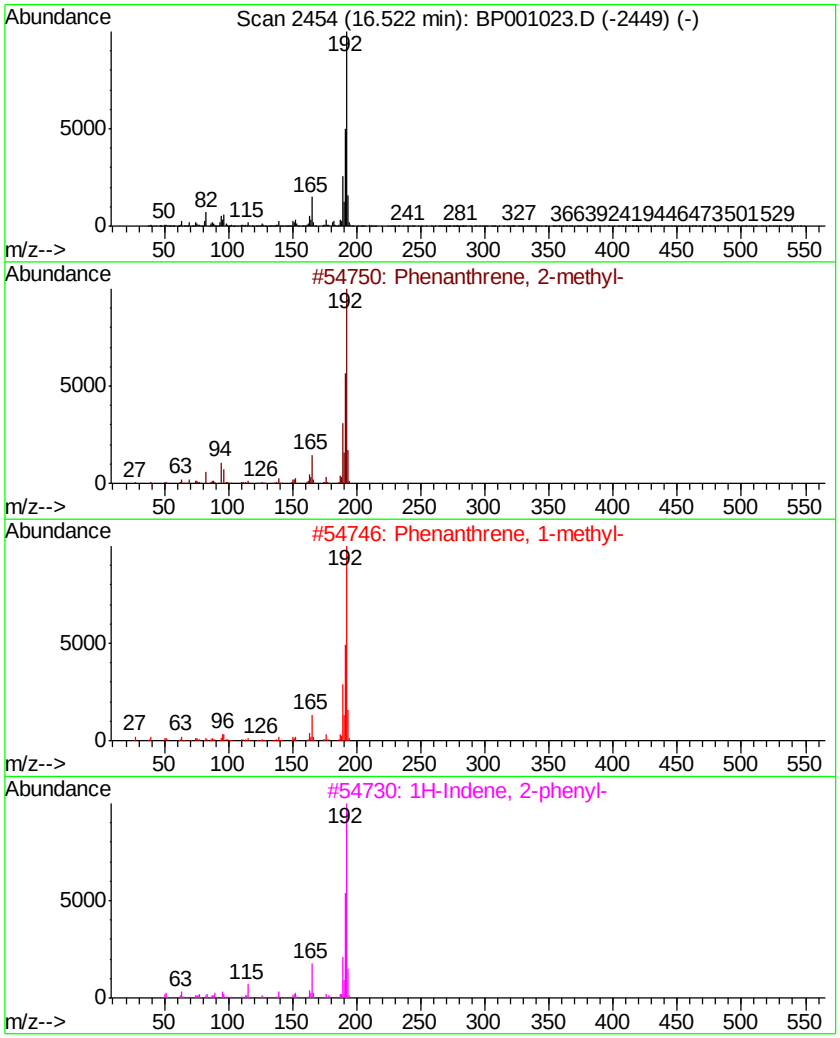
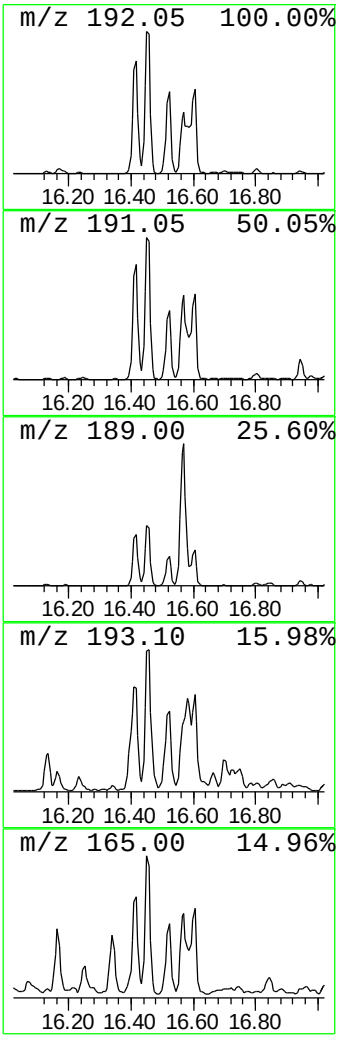
Peak Number 13 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	20.49 ng	2381610	Phenanthrene-d10	15.66

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	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Sample : K5749-01
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Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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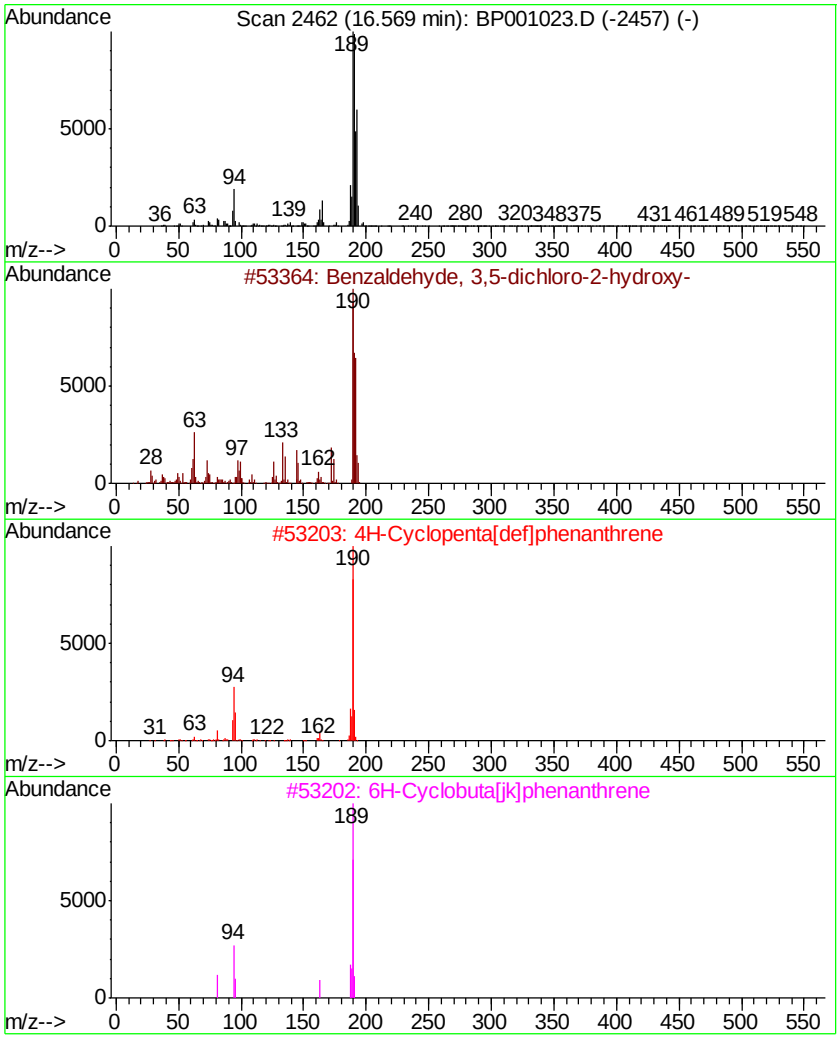
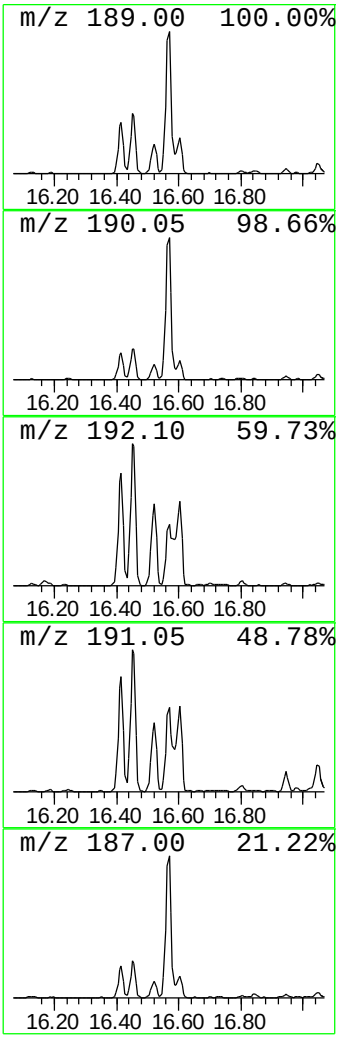
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	43.59 ng	5066910	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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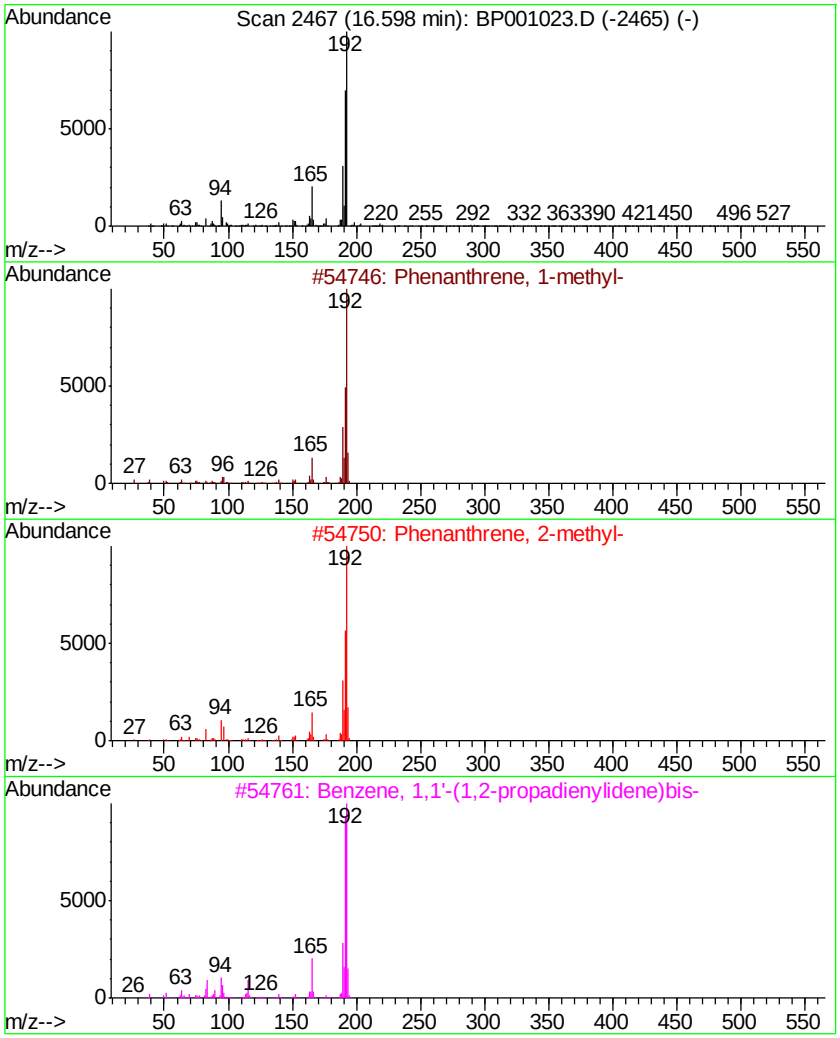
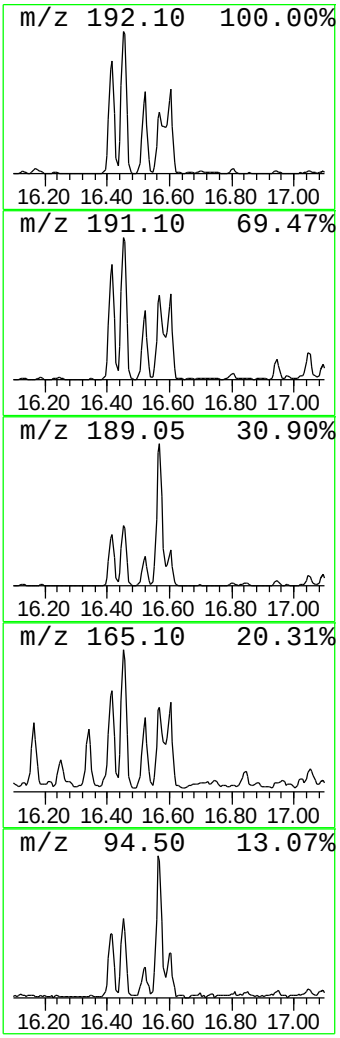
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	18.90 ng	2197610	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





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ClientSampleId : NORTH-BERGEN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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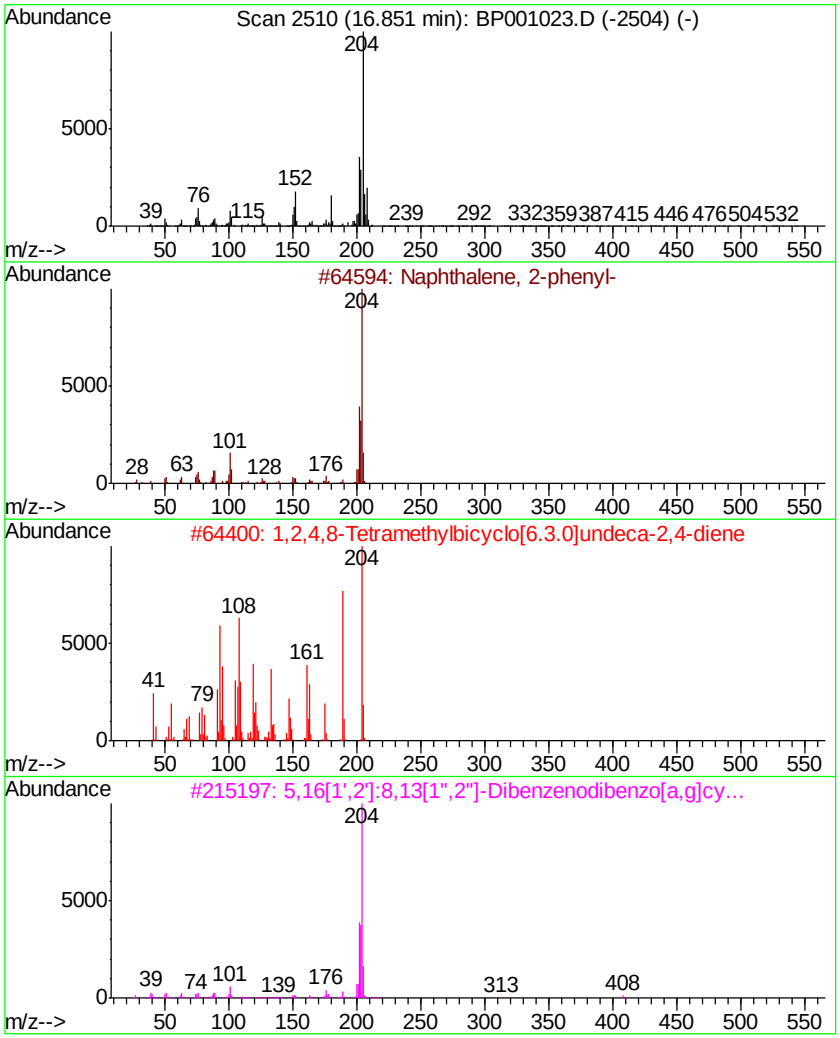
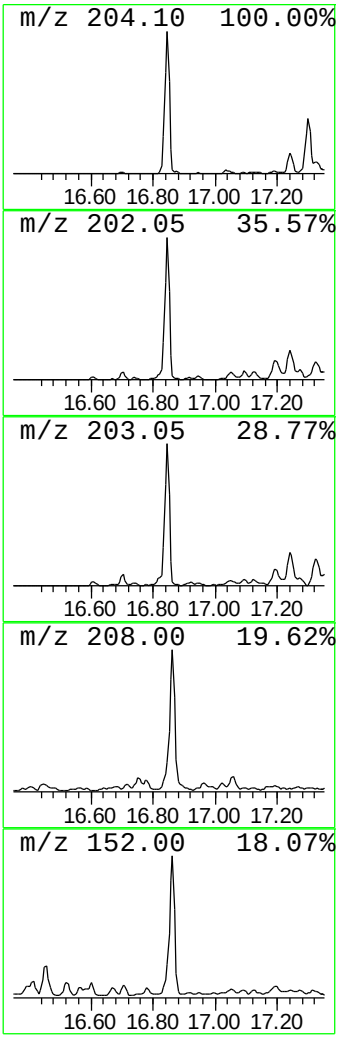
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	32.16 ng	3739200	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70





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TIC Library : C:\DATABASE\NIST11.L
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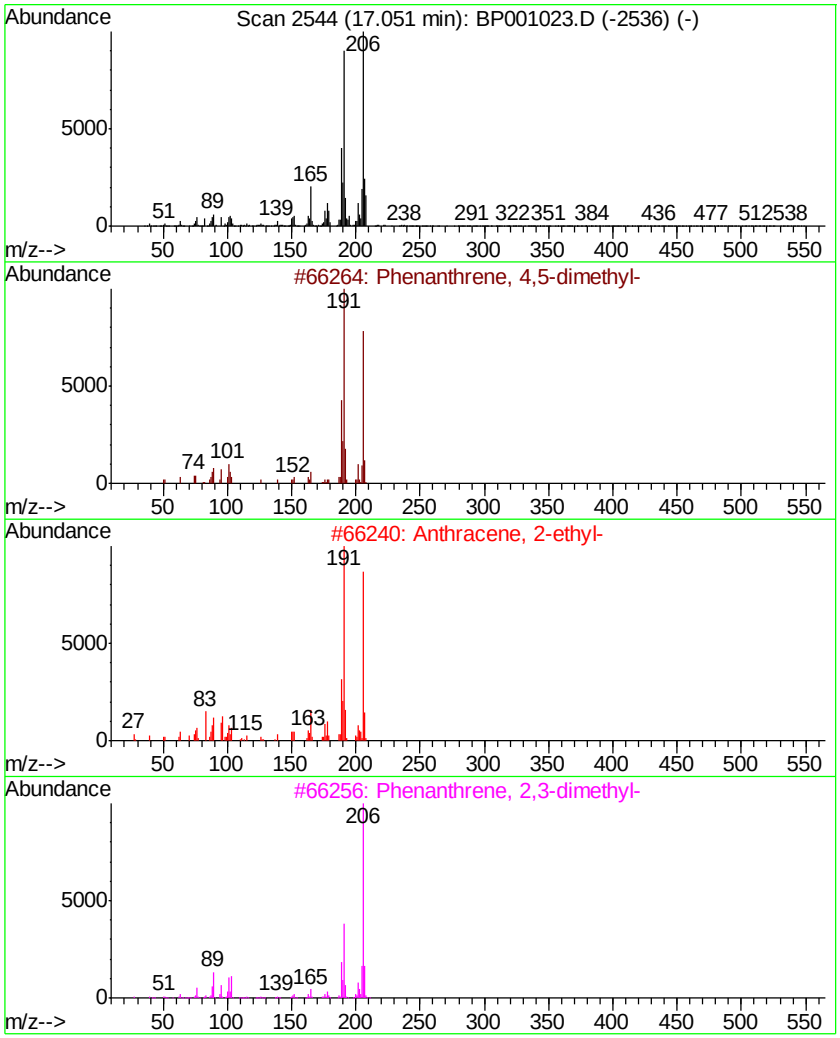
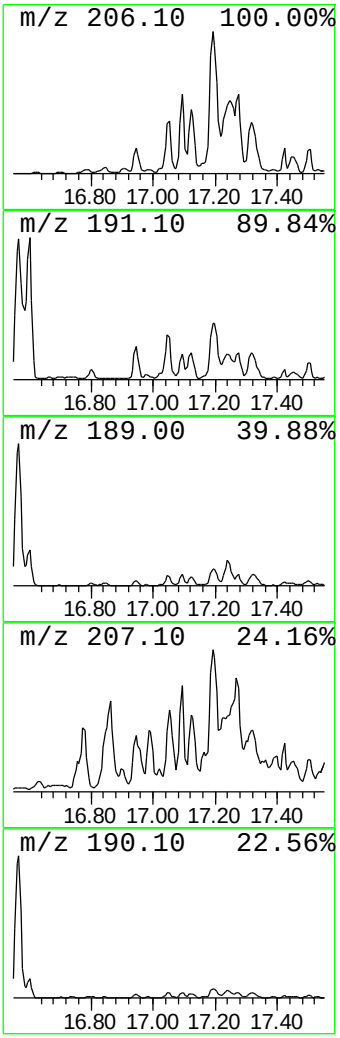
Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	8.98 ng	1044140	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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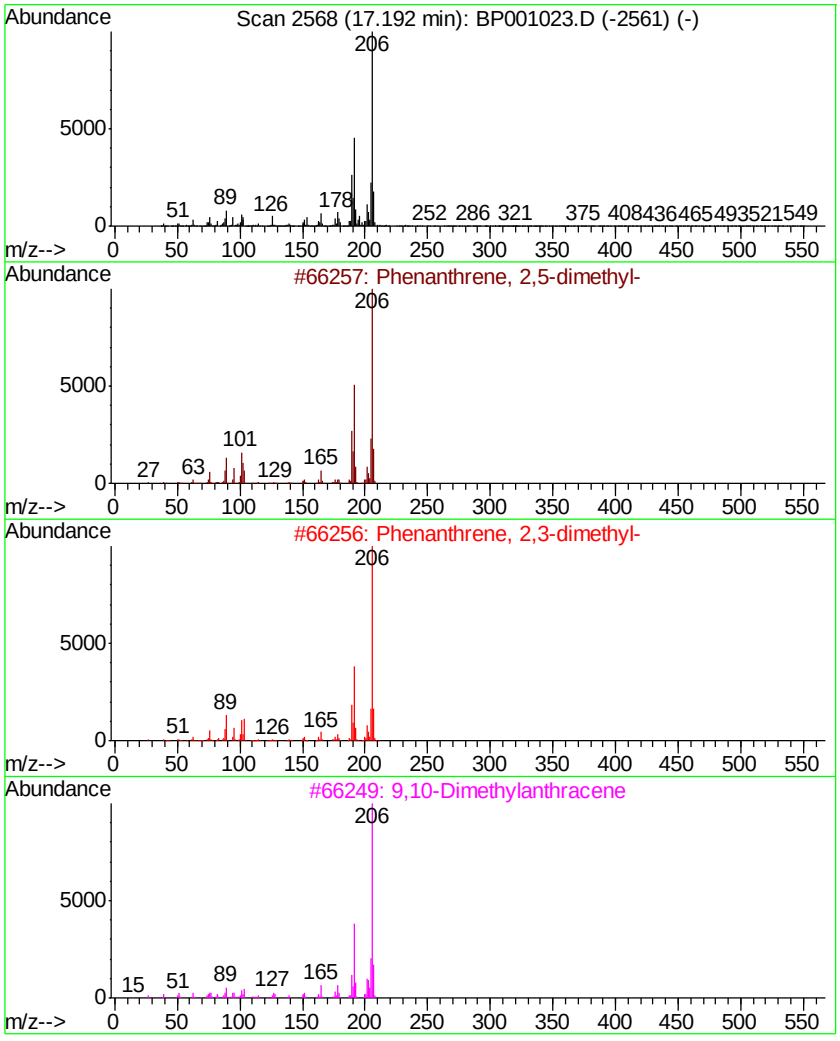
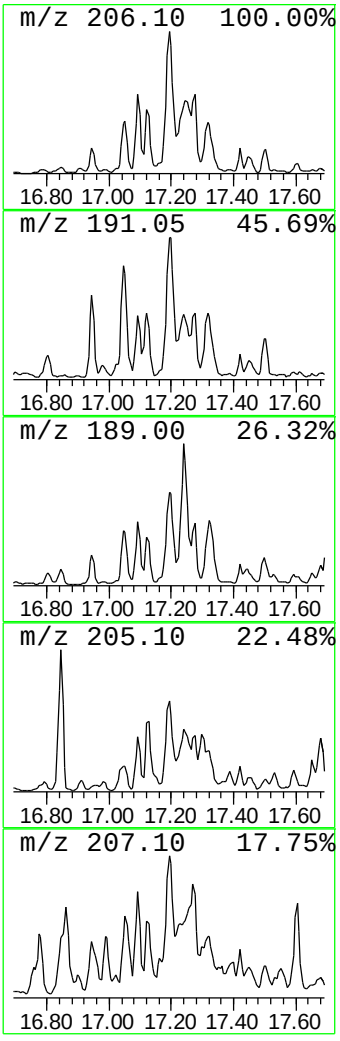
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	18.18 ng	2113630	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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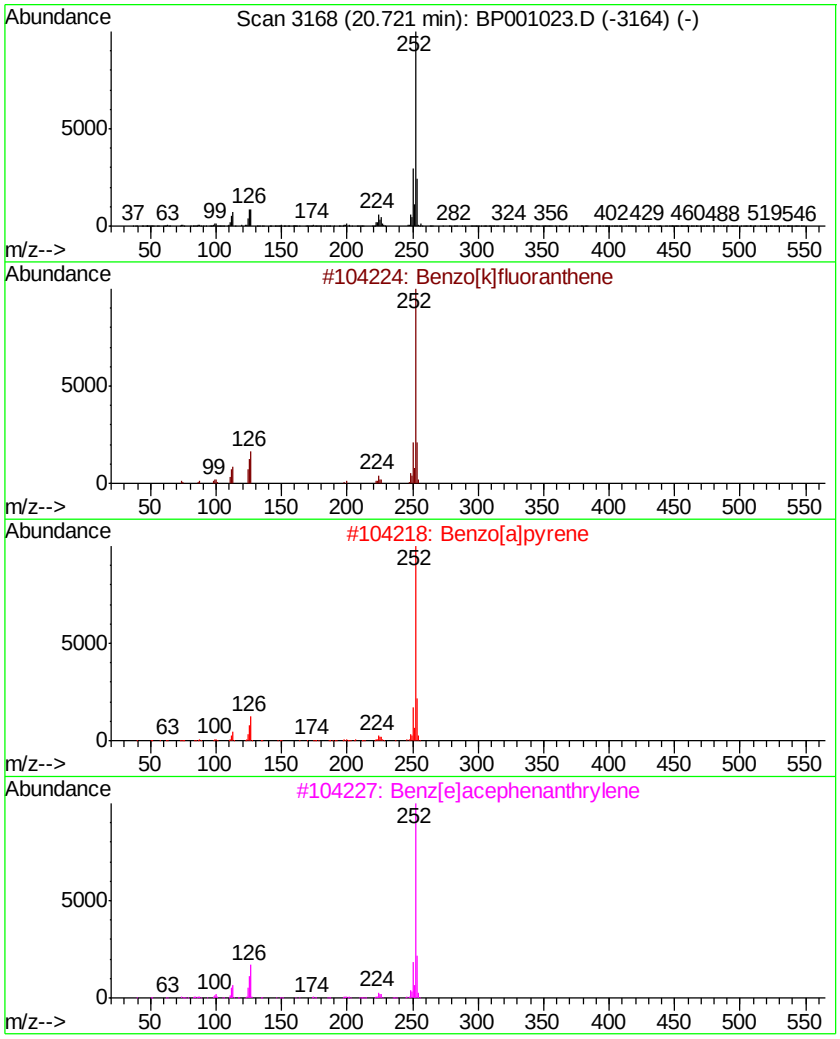
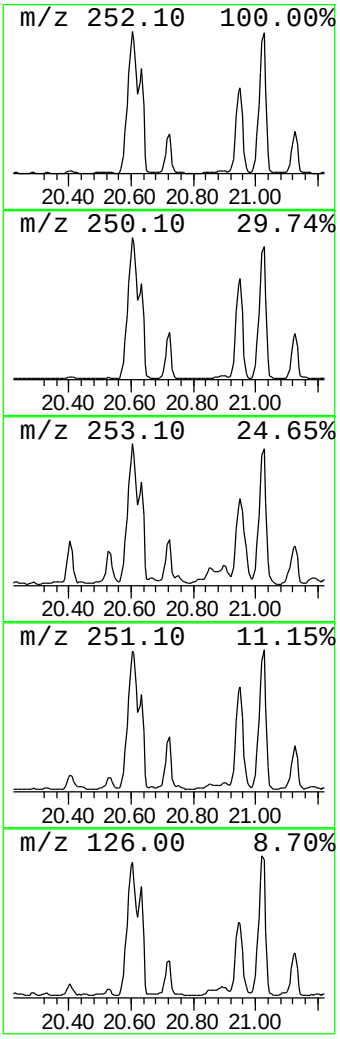
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	12.72 ng	1483330	Perylene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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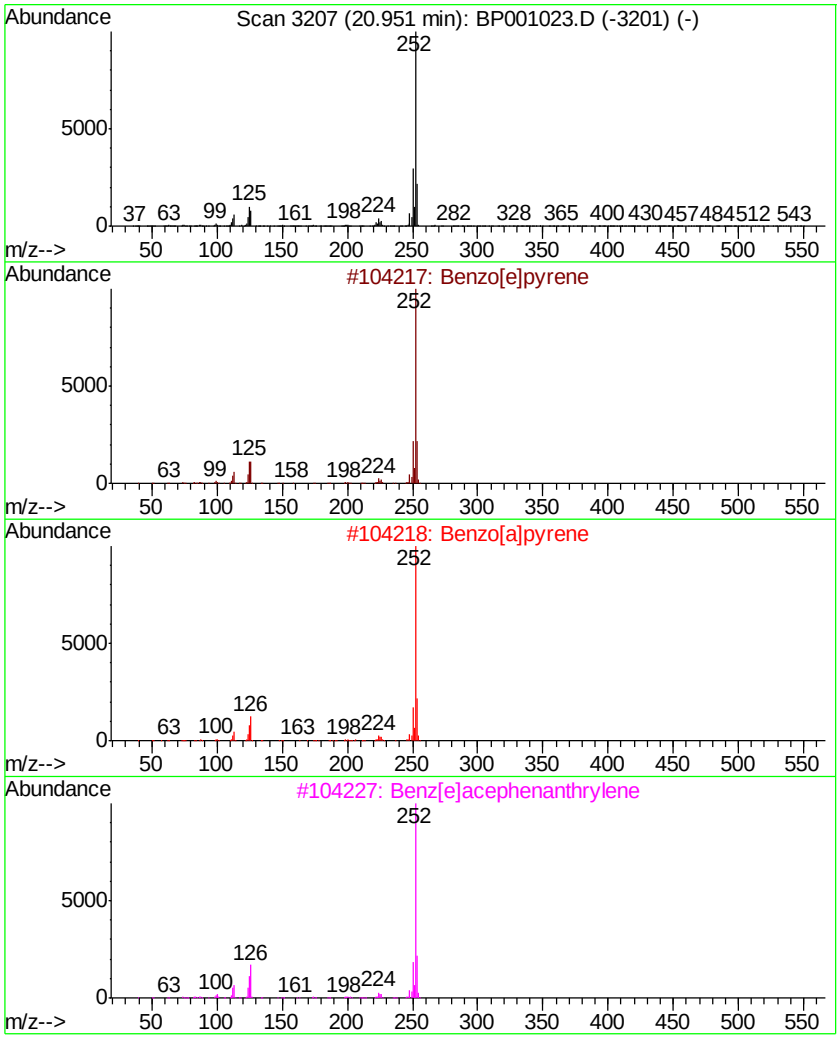
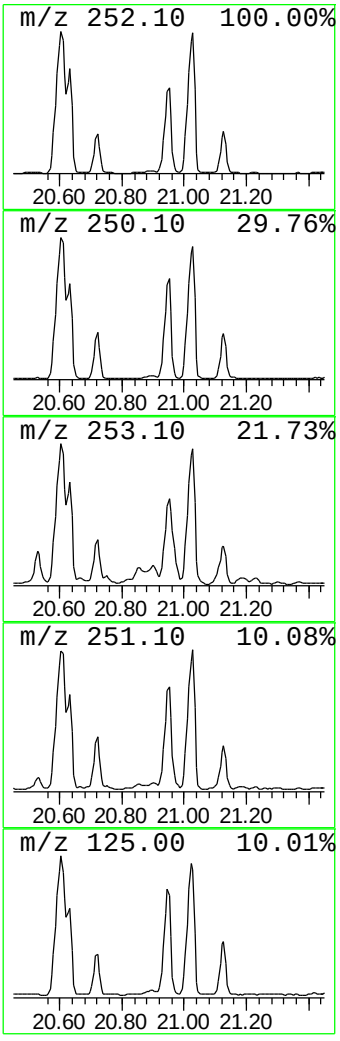
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	39.26 ng	4578850	Perylene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111119\
Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NORTH-BERGEN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	2.32	11.7	ng	891487	1	8.38	1525160	20.0
2-Pentanone, 4-hy...	5.73	10.2	ng	777477	1	8.38	1525160	20.0
unknown8.01	8.01	67.5	ng	5147190	1	8.38	1525160	20.0
Naphthalene, 2,3-...	12.72	8.7	ng	1144140	3	13.26	2630530	20.0
[1,1'-Biphenyl]-4...	14.43	8.6	ng	1133760	3	13.26	2630530	20.0
9H-Fluorene, 1-me...	15.06	9.9	ng	1155650	4	15.66	2325070	20.0
9H-Fluoren-9-one	15.36	18.2	ng	2120730	4	15.66	2325070	20.0
Naphtho[2,1-b]fur...	15.45	12.6	ng	1469610	4	15.66	2325070	20.0
Naphtho[2,1-b]thi...	15.50	13.8	ng	1606920	4	15.66	2325070	20.0
Phenanthrene, 1-m...	16.42	27.9	ng	3245190	4	15.66	2325070	20.0
Phenanthrene, 2-m...	16.45	37.9	ng	4402320	4	15.66	2325070	20.0
Anthracene, 9-met...	16.52	20.5	ng	2381610	4	15.66	2325070	20.0
Benzaldehyde, 3,5...	16.57	43.6	ng	5066910	4	15.66	2325070	20.0
1H-Indene, 2-phenyl-	16.60	18.9	ng	2197610	4	15.66	2325070	20.0
Naphthalene, 2-ph...	16.85	32.2	ng	3739200	4	15.66	2325070	20.0
Phenanthrene, 4,5...	17.05	9.0	ng	1044140	4	15.66	2325070	20.0
Phenanthrene, 2,5...	17.19	18.2	ng	2113630	4	15.66	2325070	20.0
Benzo[e]pyrene	20.72	12.7	ng	1483330	6	21.09	2332620	20.0
Perylene	20.95	39.3	ng	4578850	6	21.09	2332620	20.0