LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.546	412	418	426	rBV	1947041	2964385	21.33%	1.887%
2	7.152	681	691	706	rBV	1901723	3087225	22.21%	1.965%
3	7.981	824	832	840	rBV	570956	923119	6.64%	0.588%
4	9.146	1023	1030	1038	rBV	1191918	1983355	14.27%	1.262%
5	10.793	1299	1310	1315	rBV	729945	1305912	9.40%	0.831%
6	10.840	1315	1318	1326	rVB	248538	389826	2.80%	0.248%
7	12.446	1581	1591	1599	rVB	233905	384590	2.77%	0.245%
8	12.663	1622	1628	1638	rVB	191768	324830	2.34%	0.207%
9	13.234	1719	1725	1737	rVB	3138000	4614453	33.20%	2.937%
10	13.440	1755	1760	1766	rVB2	149516	243392	1.75%	0.155%
11	13.775	1811	1817	1819	rBV2	115568	201962	1.45%	0.129%
12	13.934	1837	1844	1849	rBV	232497	406106	2.92%	0.258%
13	13.987	1849	1853	1858	rVB	147398	215011	1.55%	0.137%
14	14.169	1879	1884	1887	rBV	97738	139041	1.00%	0.088%
15	14.328	1903	1911	1919	rBV	241376	427993	3.08%	0.272%
16	14.504	1936	1941	1949	rVB	138982	181737	1.31%	0.116%
17	14.604	1949	1958	1964	rBV	1054047	1769278	12.73%	1.126%
18	14.669	1964	1969	1977	rVB	591153	906364	6.52%	0.577%
19	14.816	1988	1994	2003	rBV3	65444	174754	1.26%	0.111%
20	15.004	2020	2026	2033	rVB	528928	808708	5.82%	0.515%
21	15.222	2059	2063	2068	rBV2	96610	151187	1.09%	0.096%
22	15.392	2086	2092	2095	rBV3	88913	164321	1.18%	0.105%
23	15.451	2099	2102	2108	rVB2	143934	172019	1.24%	0.109%
24	15.651	2130	2136	2147	rBV	868302	1355831	9.75%	0.863%
25	15.810	2160	2163	2168	rVB4	141369	201124	1.45%	0.128%
26	15.857	2168	2171	2176	rBV3	114345	166831	1.20%	0.106%
27	15.945	2182	2186	2194	rVB	216260	359355	2.59%	0.229%
28	16.092	2205	2211	2219	rVB	2824327	4141151	29.79%	2.636%
29	16.334	2244	2252	2258	rVB3	234238	583339	4.20%	0.371%
30	16.657	2300	2307	2311	rVB3	193475	345858	2.49%	0.220%
31	16.704	2311	2315	2321	rBV3	146516	224419	1.61%	0.143%
32	16.804	2329	2332	2337	rVB	120966	170213	1.22%	0.108%
33	17.004	2362	2366	2372	rVB2	194197	302923	2.18%	0.193%
34	17.104	2376	2383	2387	rVV3	261193	506587	3.64%	0.322%
35	17.169	2389	2394	2402	rVB	512370	842844	6.06%	0.536%
36	17.351	2420	2425	2428	rBV	1212140	1826747	13.14%	1.163%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.398	2428	2433	2439	rVV	7039902	10402513	74.84%	6.621%
38	17.486	2443	2448	2453	rVB	1511876	2074984	14.93%	1.321%
39	17.545	2453	2458	2463	rBV2	152794	290128	2.09%	0.185%
40	17.751	2488	2493	2500	rBV	706546	1061422	7.64%	0.676%
41	17.845	2505	2509	2511	rBV2	145921	206392	1.48%	0.131%
42	17.928	2520	2523	2531	rVB2	206937	340376	2.45%	0.217%
43	18.216	2567	2572	2576	rBV	961573	1270173	9.14%	0.808%
44	18.263	2576	2580	2584	rVB	1176438	1524351	10.97%	0.970%
45	18.339	2589	2593	2598	rBV	373745	476430	3.43%	0.303%
46	18.404	2598	2604	2608	rBV2	1536282	2711844	19.51%	1.726%
47	18.439	2608	2610	2617	rVB2	901121	1232667	8.87%	0.785%
48	18.510	2619	2622	2625	rVB2	191069	222625	1.60%	0.142%
49	18.610	2635	2639	2647	rVB3	561993	844392	6.08%	0.537%
50	18.692	2649	2653	2657	rBV	646925	808056	5.81%	0.514%
51	18.733	2657	2660	2665	rVB2	471264	637312	4.59%	0.406%
52	18.792	2667	2670	2672	rBV2	126471	154946	1.11%	0.099%
53	18.933	2691	2694	2698	rBV	234957	247303	1.78%	0.157%
54	18.980	2700	2702	2705	rVB	155619	158707	1.14%	0.101%
55	19.104	2718	2723	2728	rBV2	558942	1168520	8.41%	0.744%
56	19.239	2742	2746	2753	rBV3	392637	709657	5.11%	0.452%
57	19.357	2761	2766	2771	rVB	9500380	13898940	100.00%	8.846%
58	19.445	2779	2781	2785	rVB	271730	304535	2.19%	0.194%
59	19.592	2803	2806	2809	rVB	304822	332126	2.39%	0.211%
60	19.675	2816	2820	2822	rBV2	2109359	2961781	21.31%	1.885%
61	19.710	2822	2826	2833	rVV	9019221	12812345	92.18%	8.155%
62	19.775	2833	2837	2843	rVB2	437888	681346	4.90%	0.434%
63	19.892	2851	2857	2862	rBV	5191271	6797687	48.91%	4.326%
64	19.939	2862	2865	2872	rVB	445199	613720	4.42%	0.391%
65	20.016	2873	2878	2884	rBV2	592450	1466872	10.55%	0.934%
66	20.186	2903	2907	2911	rVB3	1898671	2520241	18.13%	1.604%
67	20.280	2919	2923	2927	rBV	1013145	1287259	9.26%	0.819%
68	20.339	2930	2933	2936	rVB	690309	867320	6.24%	0.552%
69	20.475	2953	2956	2959	rBV	486932	590115	4.25%	0.376%
70	20.516	2961	2963	2967	rVB	441801	505746	3.64%	0.322%
71	20.669	2986	2989	2994	rVB	738740	812022	5.84%	0.517%
72	20.910	3027	3030	3036	rVB	773890	1030012	7.41%	0.656%
73	21.074	3054	3058	3061	rBV	874976	1150070	8.27%	0.732%
74	21.116	3061	3065	3068	rVV2	1518651	2250914	16.19%	1.433%
75	21.151	3069	3071	3075	rVV2	982658	1312508	9.44%	0.835%
76	21.204	3076	3080	3089	rVB2	949901	1537653	11.06%	0.979%

LSC Area Percent Report

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Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

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\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.410	3110	3115	3120	rBV3	6171904	10613298	76.36%	6.755%
78	21.463	3121	3124	3133	rVB	5365024	7141795	51.38%	4.545%
79	21.751	3170	3173	3178	rVB2	779508	1029177	7.40%	0.655%
80	23.127	3400	3407	3412	rBV	4054825	10794834	77.67%	6.870%
81	23.663	3492	3498	3506	rVB	2677455	5726491	41.20%	3.645%
82	23.768	3509	3516	3524	rVB	3989209	8570976	61.67%	5.455%

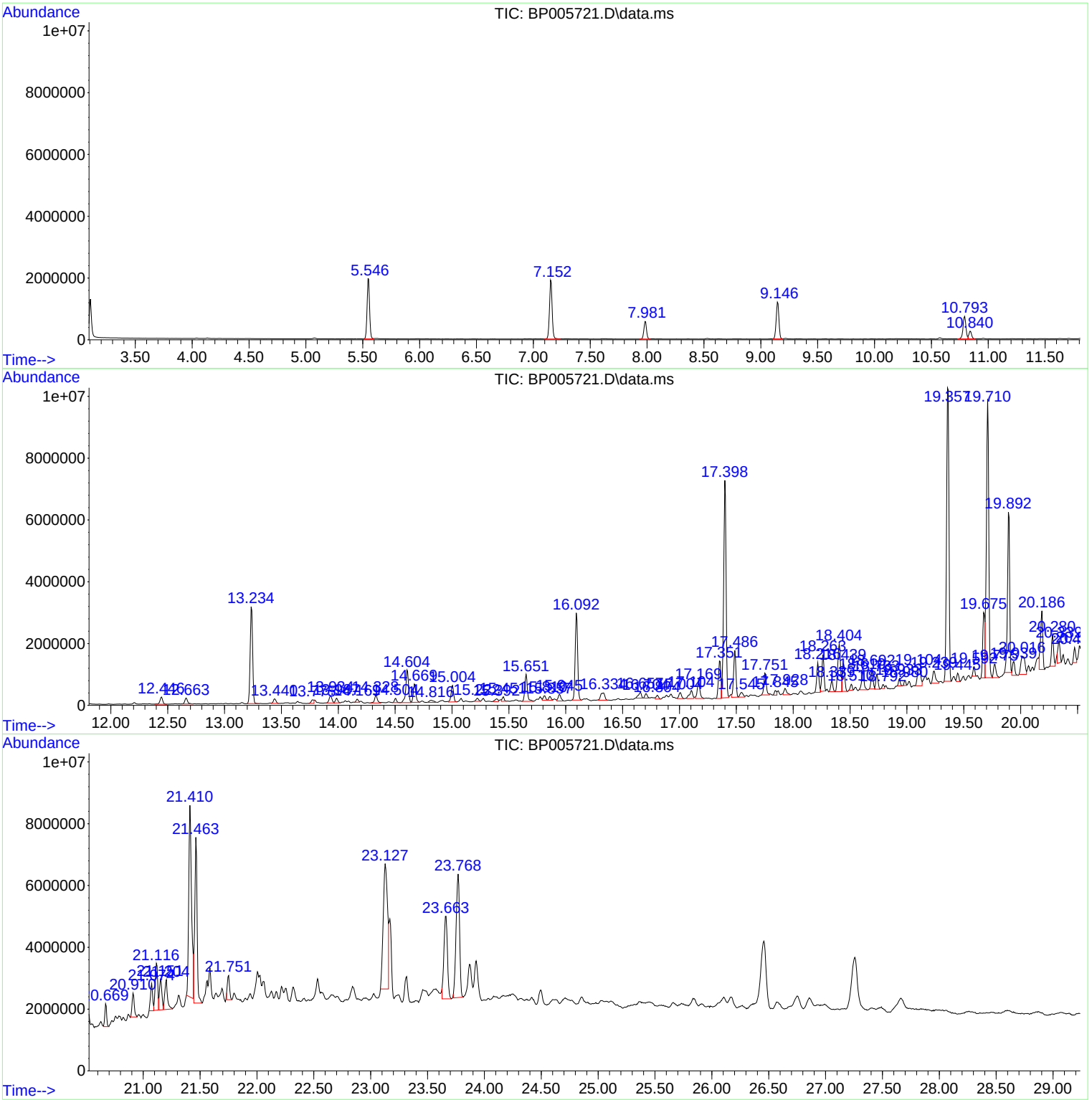
Sum of corrected areas: 157119371

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

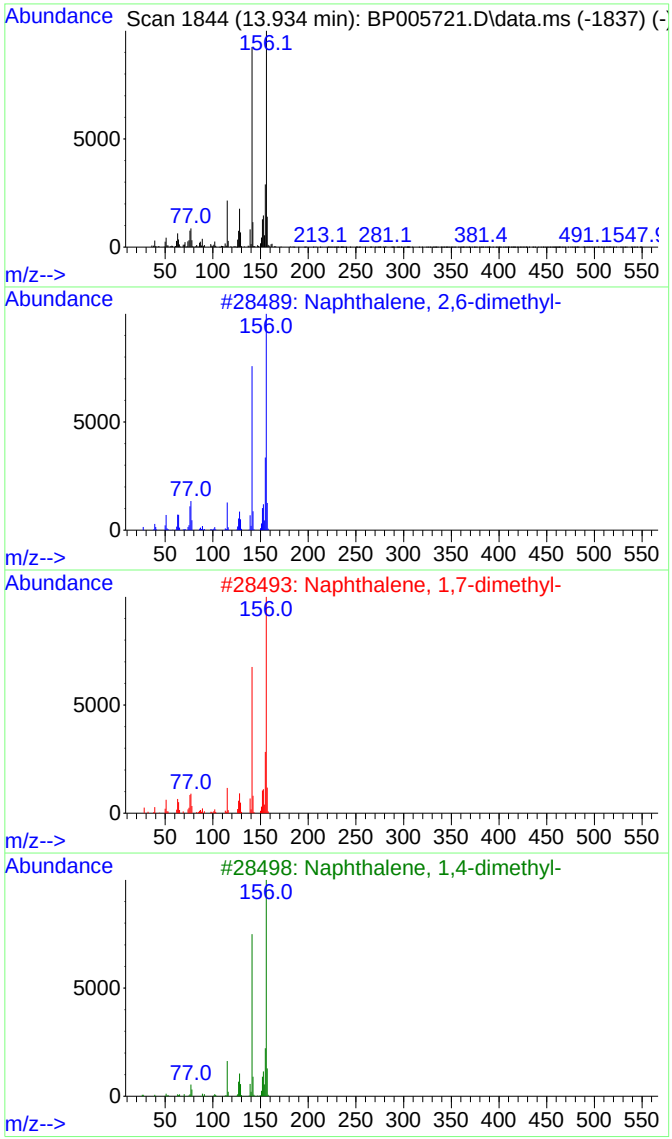
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

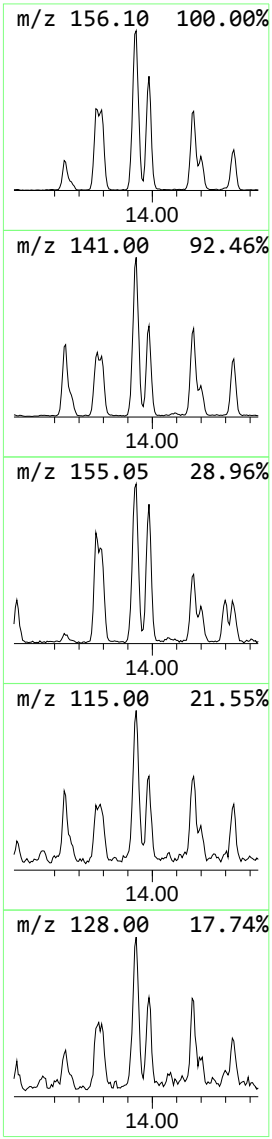
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	4.59 ng	406106	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

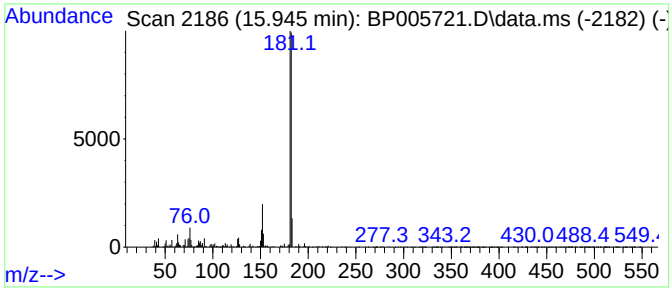
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

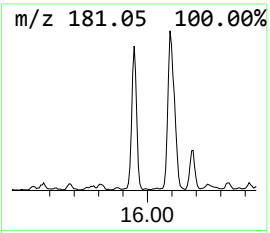
****

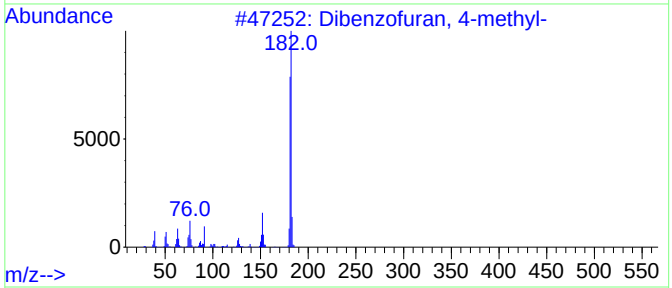
Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 18

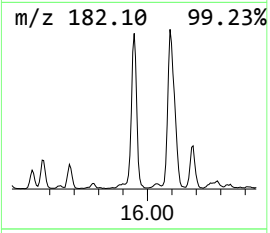
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	4.06 ng	359355	Acenaphthene-d10	14.604

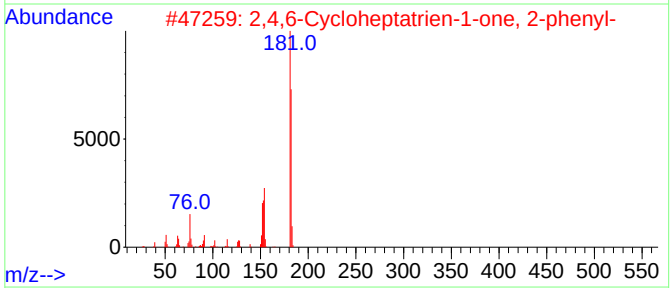
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72

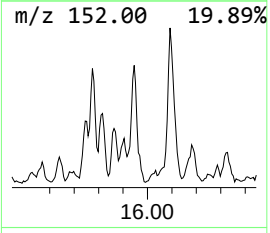


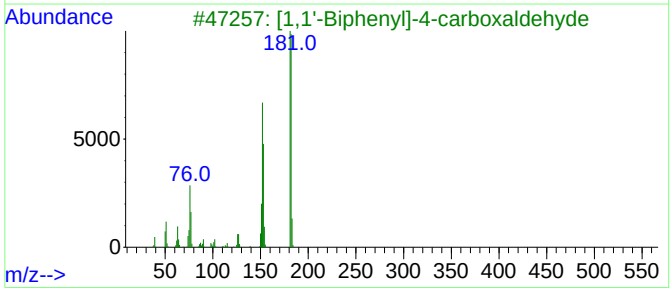


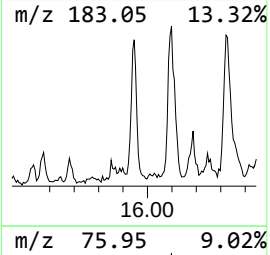


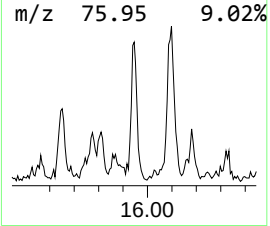












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Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

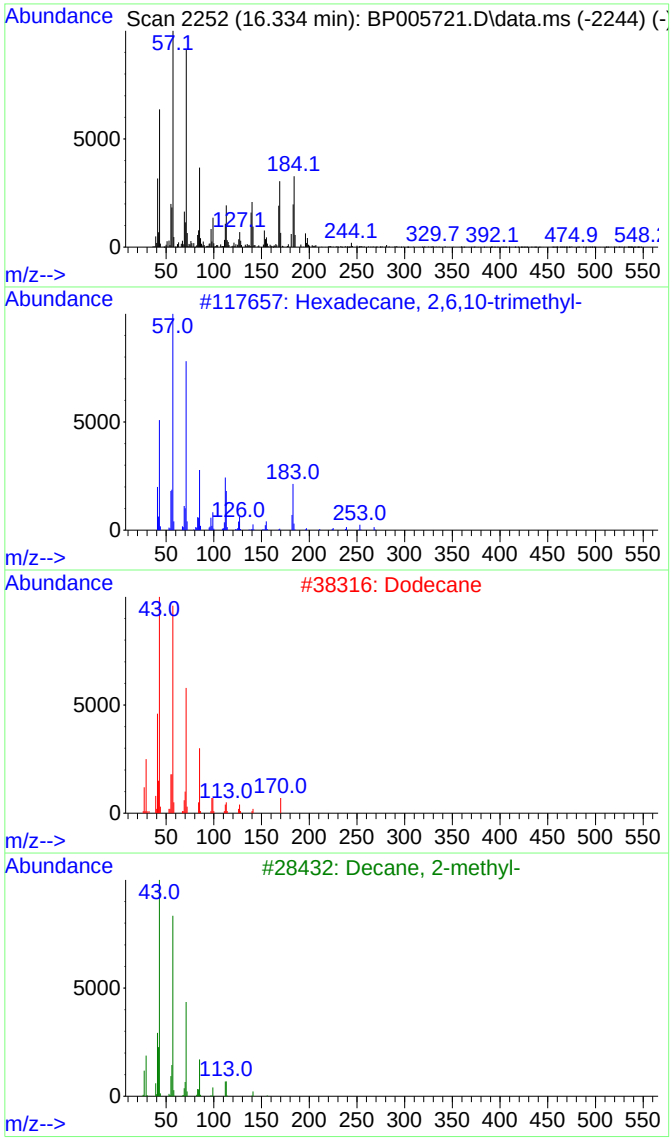
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

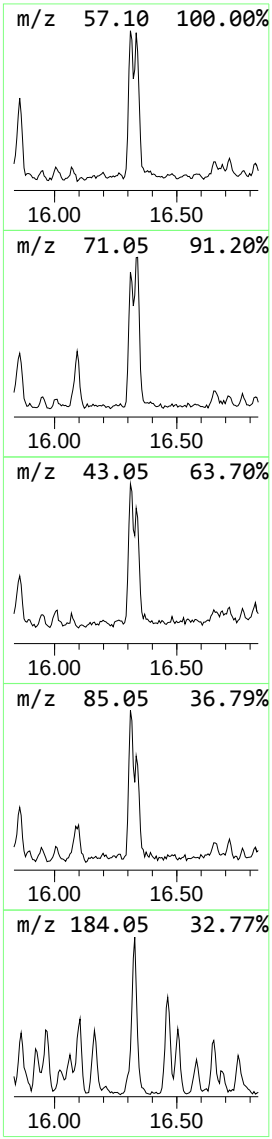
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	6.39 ng	583339	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	53
2	Dodecane	170	C12H26	000112-40-3	52
3	Decane, 2-methyl-	156	C11H24	006975-98-0	50
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	46
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

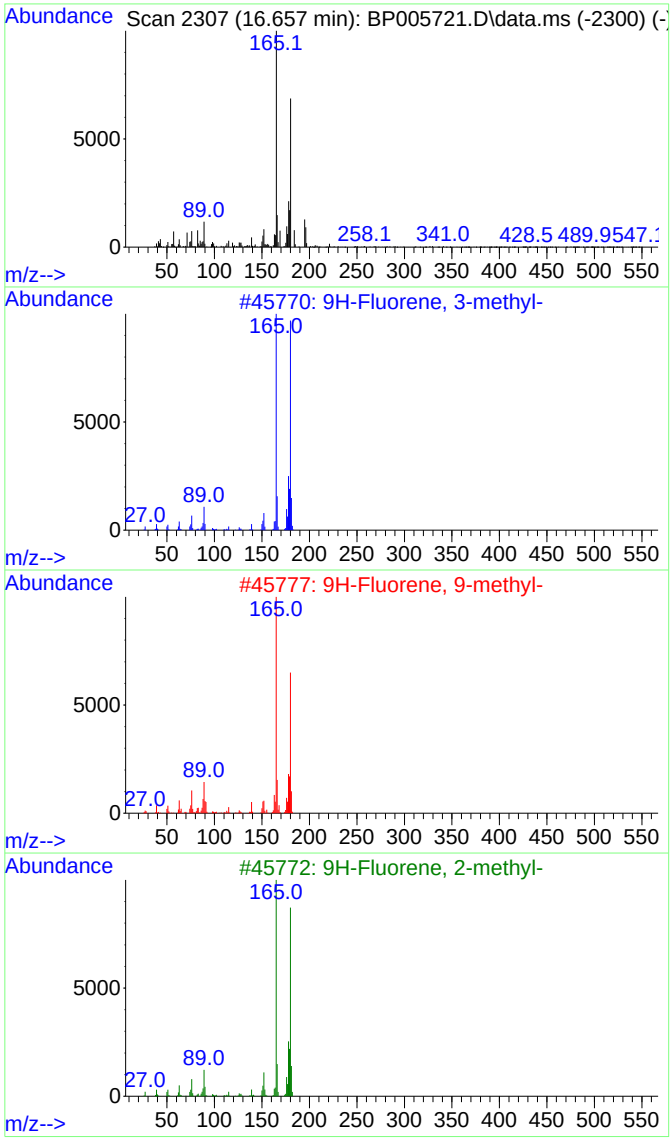
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

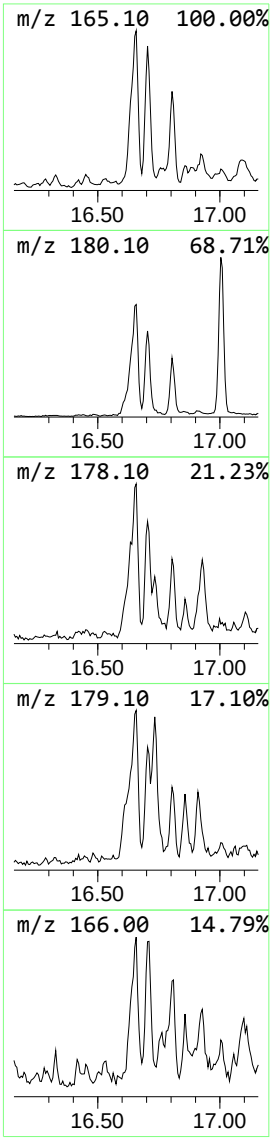
****

Peak Number 4 9H-Fluorene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	3.79 ng	345858	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	58





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Data File : BP005721.D
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Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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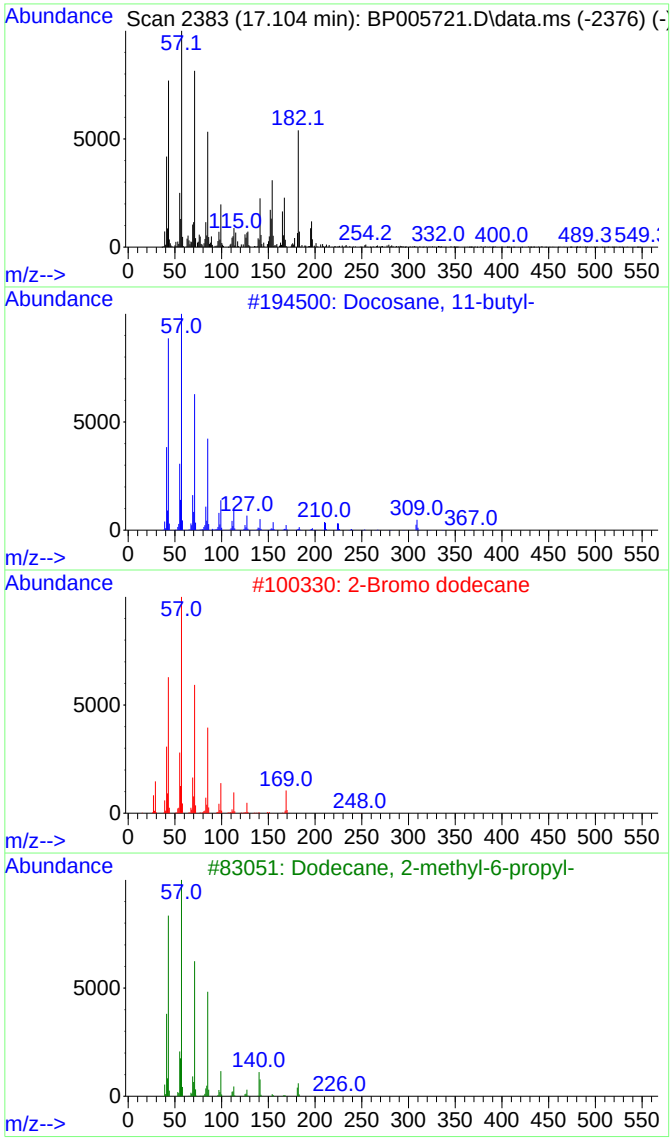
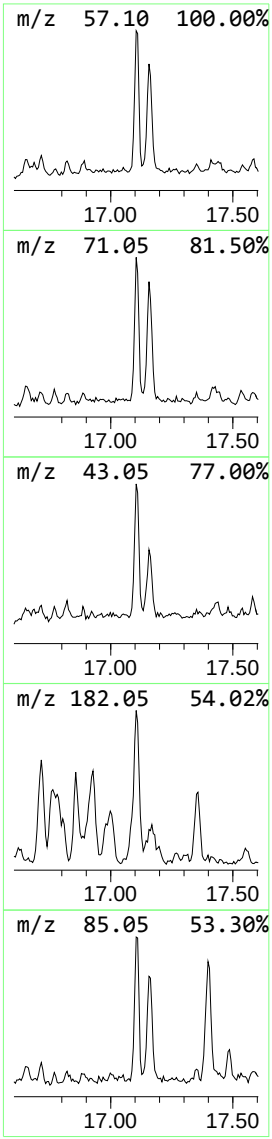
Peak Number 5 Docosane, 11-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	5.55 ng	506587	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	50
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	50
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	46
5	Tetracosane	338	C24H50	000646-31-1	43





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Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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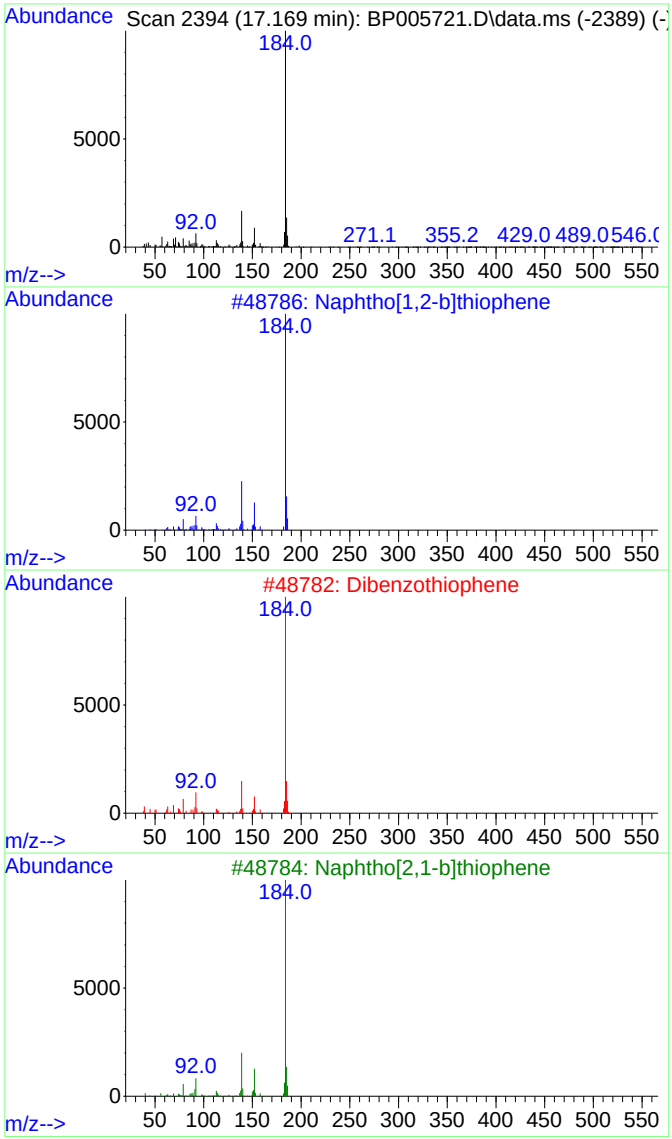
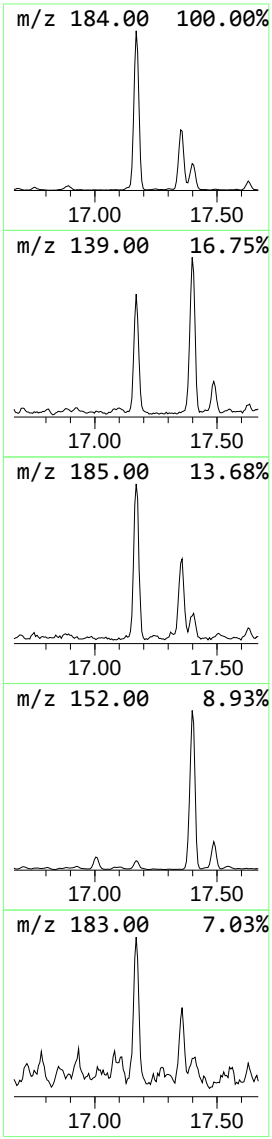
Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	9.23 ng	842844	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83





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Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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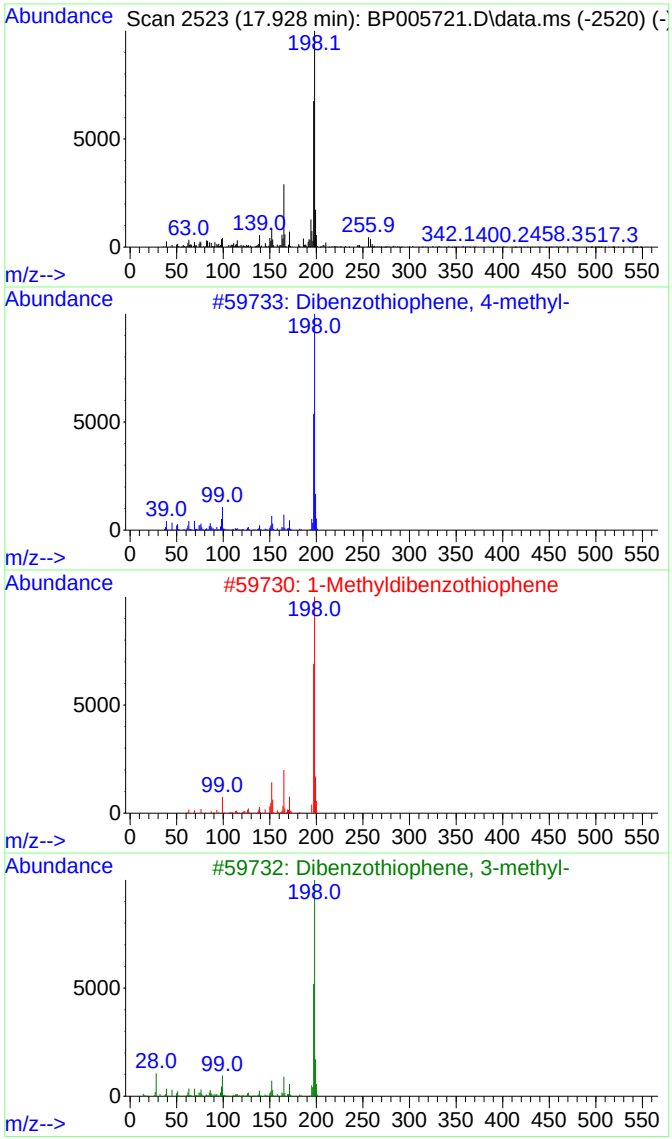
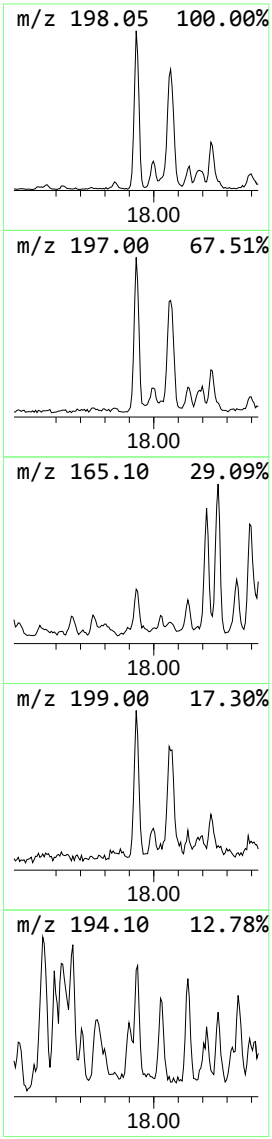
Peak Number 7 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	3.73 ng	340376	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	59
5	Tacrine	198	C13H14N2	000321-64-2	58





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Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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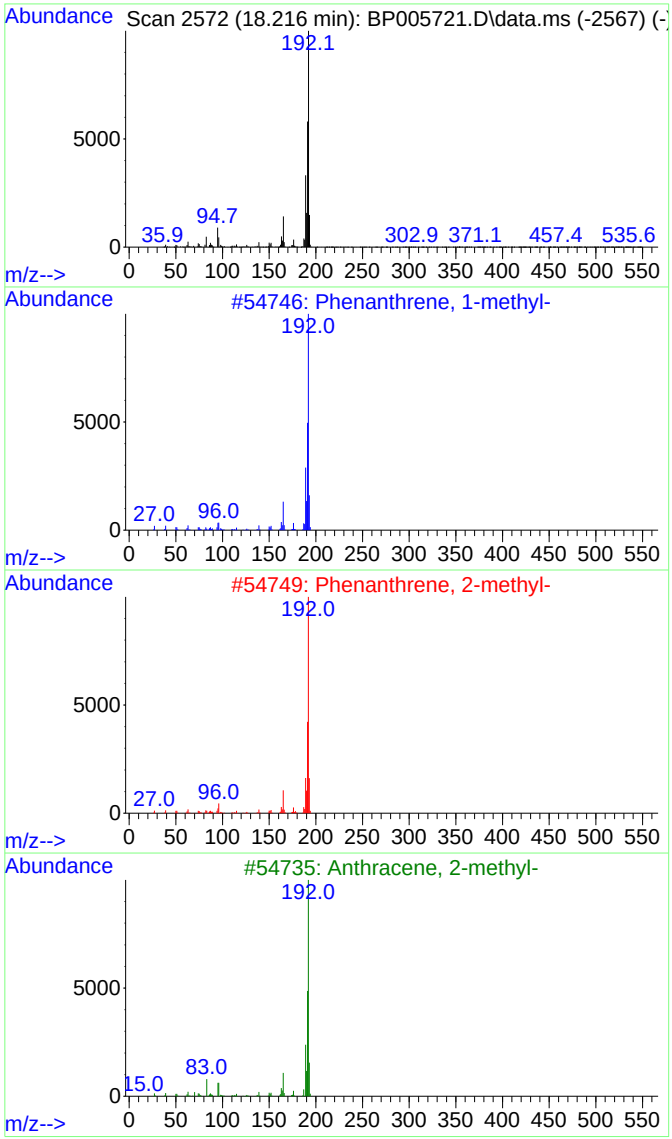
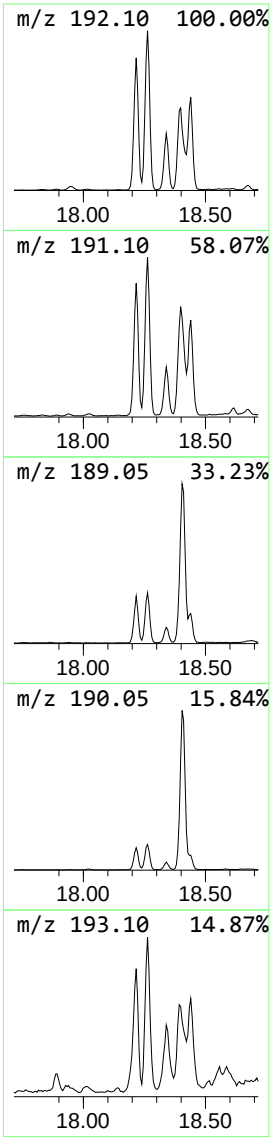
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	13.91 ng	1270170	Phenanthrene-d10	17.351

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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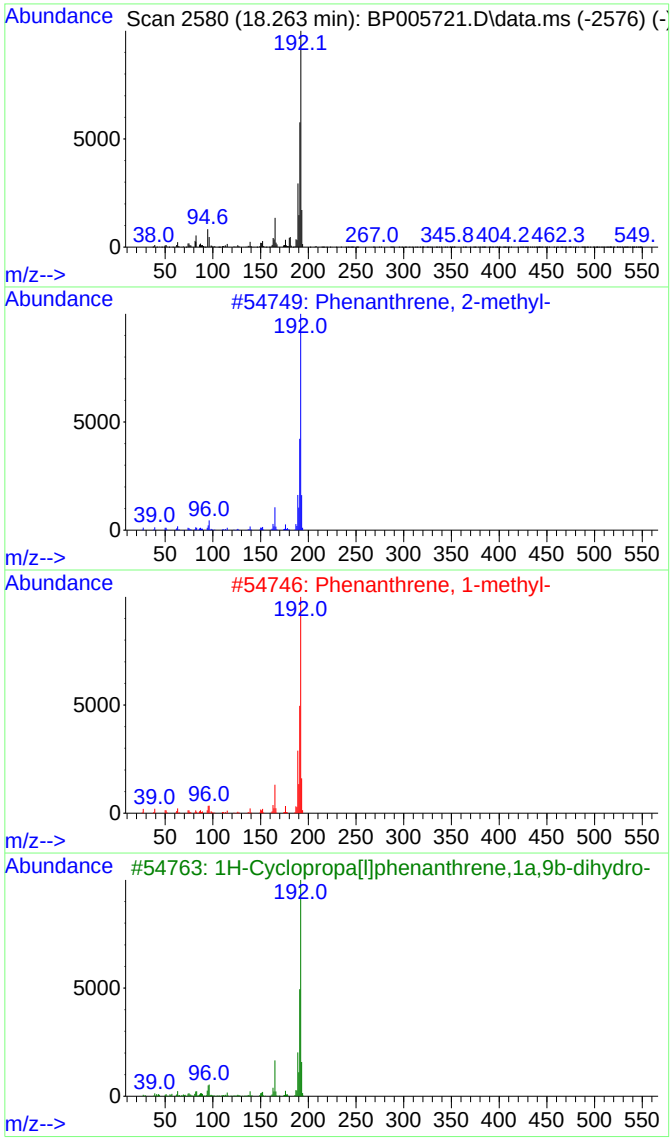
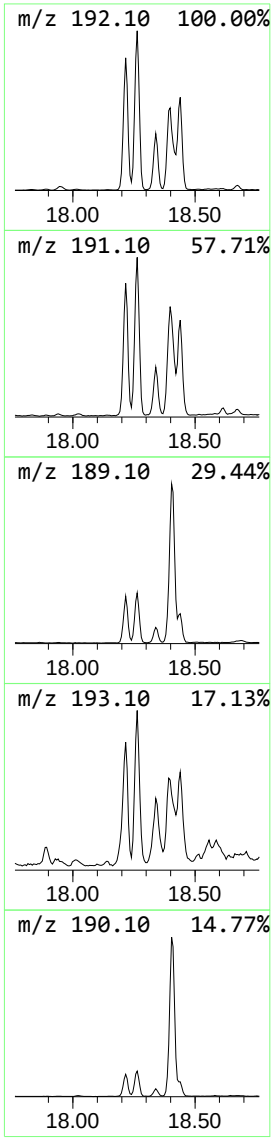
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	16.69 ng	1524350	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Misc :
ALS Vial : 8 Sample Multiplier: 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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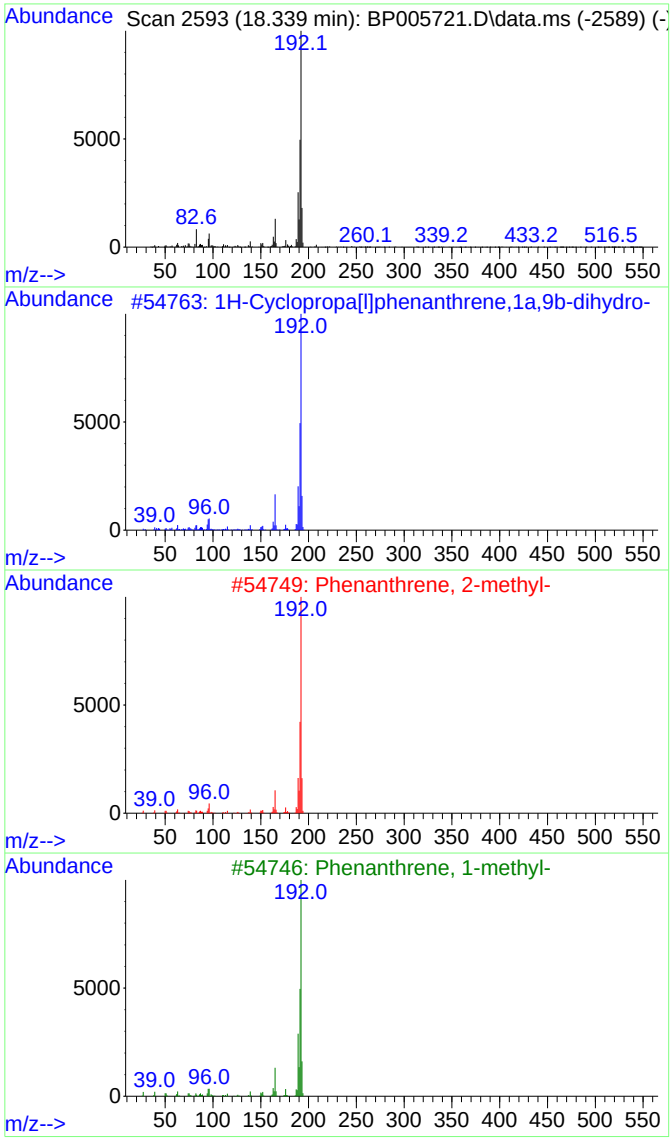
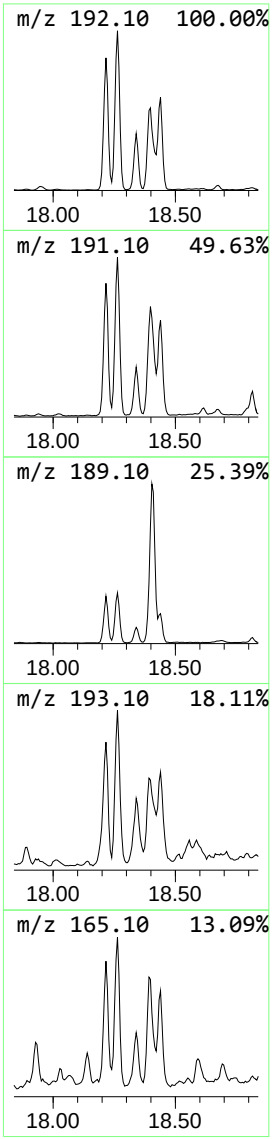
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	5.22 ng	476430	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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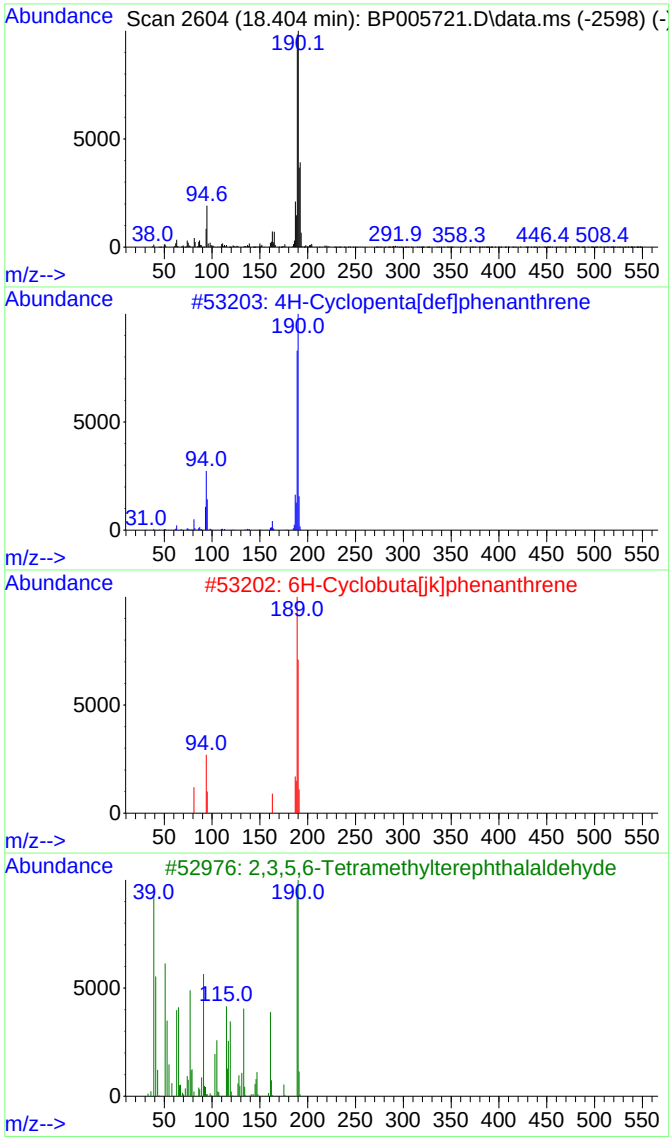
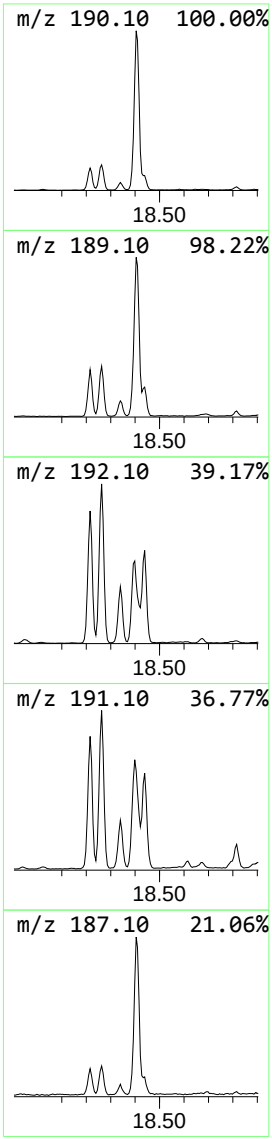
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	29.69 ng	2711840	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : M2589-04
Misc :
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Instrument :
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ClientSampleId :
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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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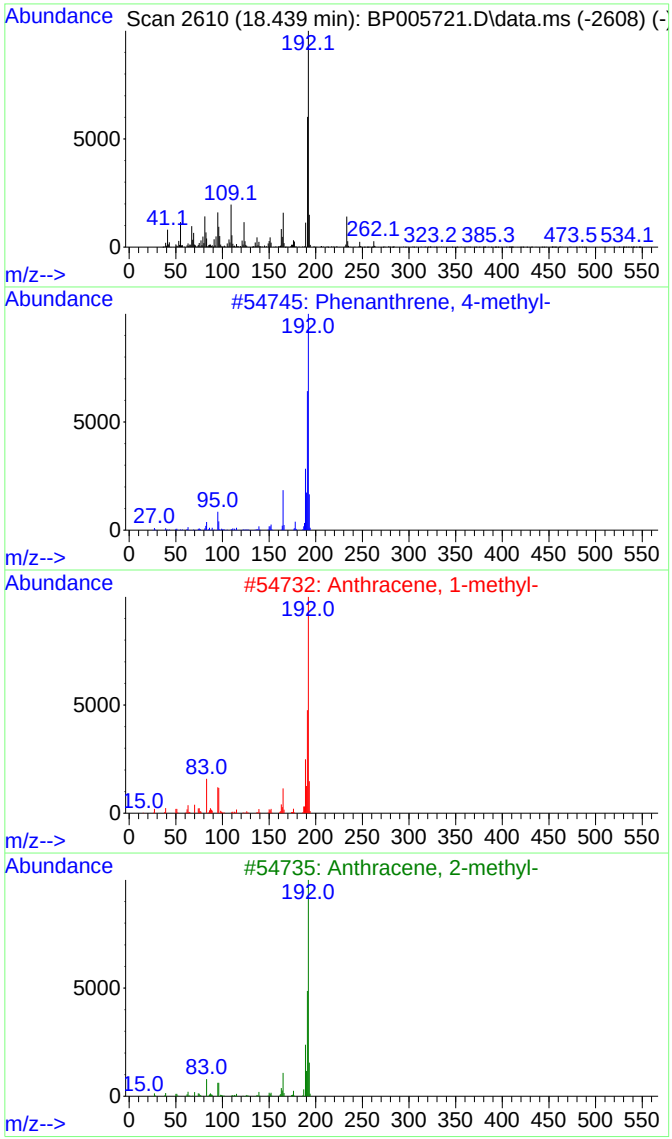
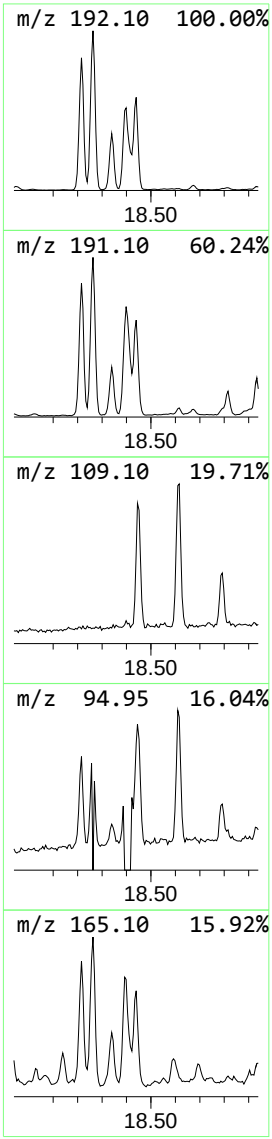
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	13.50 ng	1232670	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	62
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	62





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Sample : M2589-04
Misc :
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Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

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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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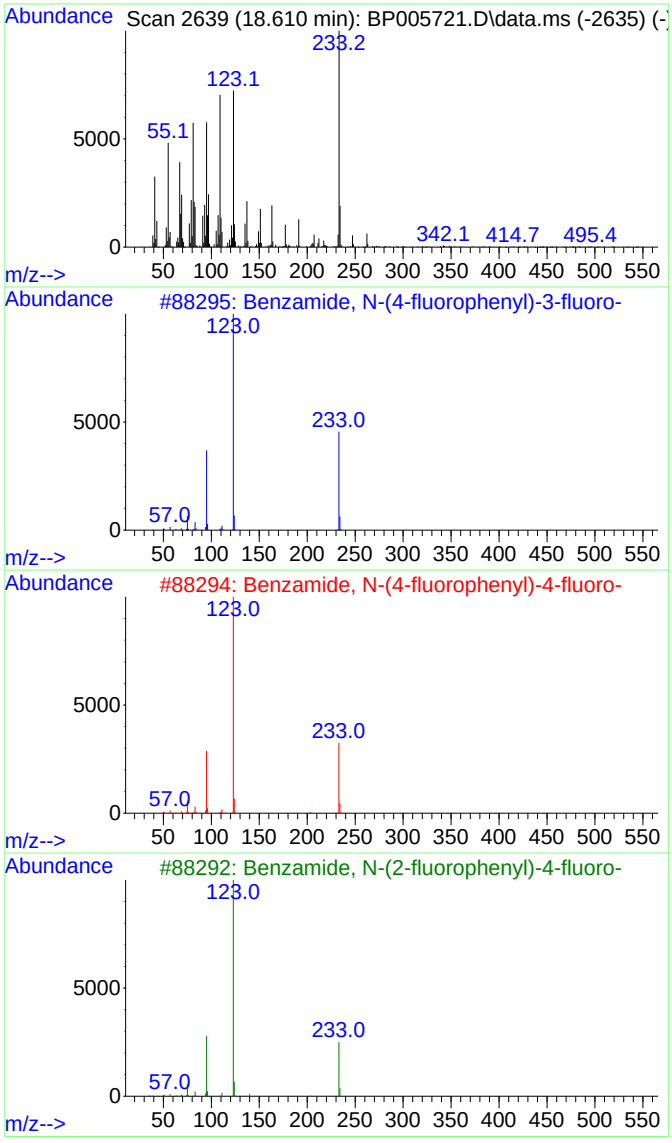
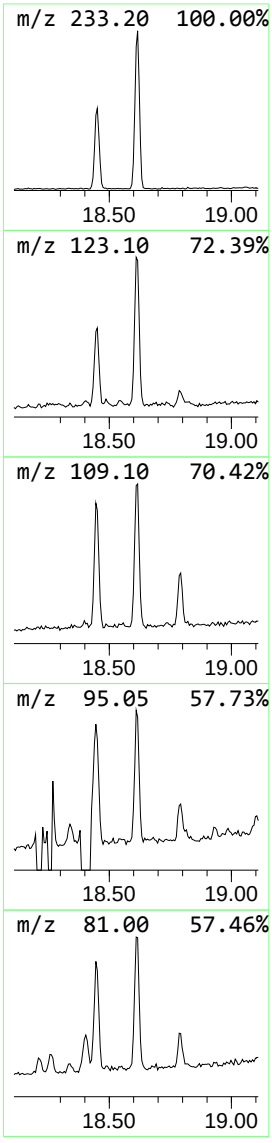
Peak Number 13 unknown18.610 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	9.24 ng	844392	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	46
2	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	46
3	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	38
4	5.alpha.,17.alpha.-Pregnan-12-one	302	C21H34O	005618-24-6	38
5	Isophthalic acid, isohexyl tride...	428	C27H40O4	1000343-91-7	22





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Sample : M2589-04
Misc :
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Instrument :
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ClientSampleId :
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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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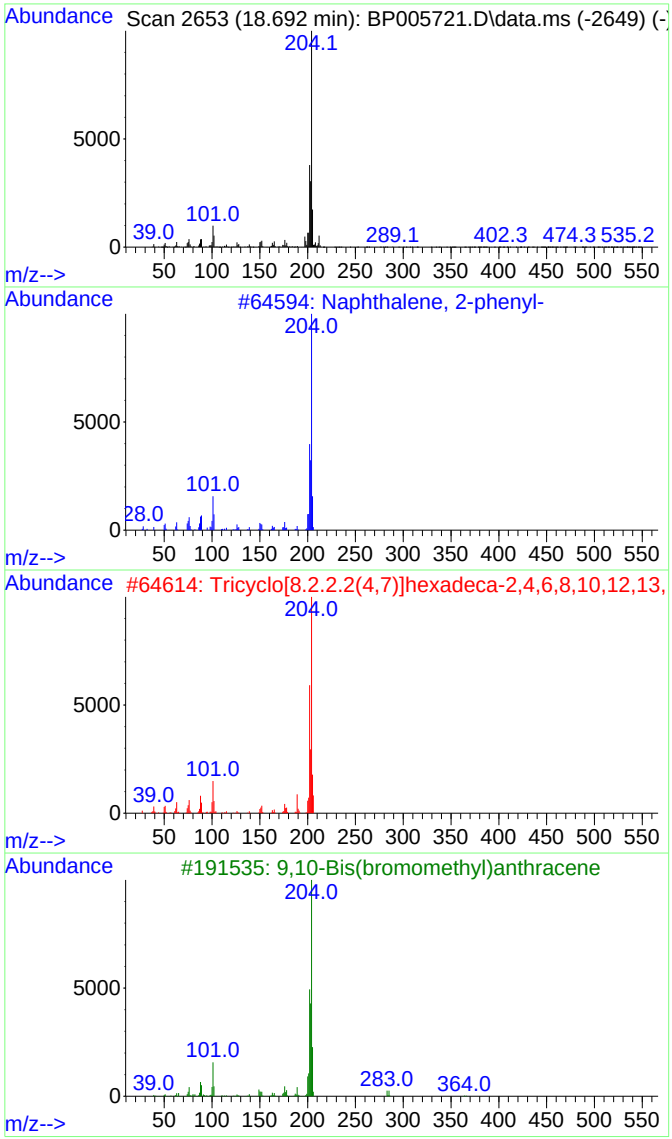
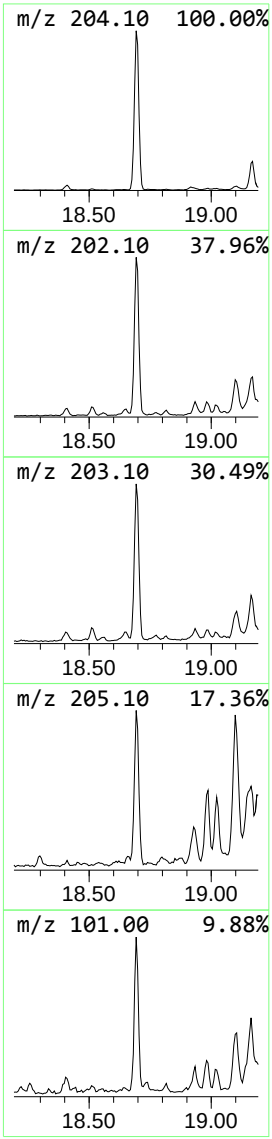
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	8.85 ng	808056	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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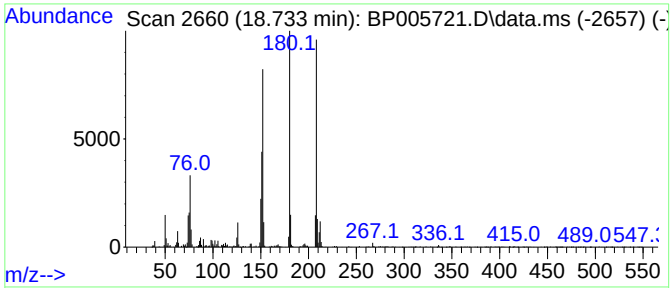
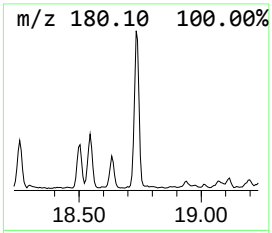
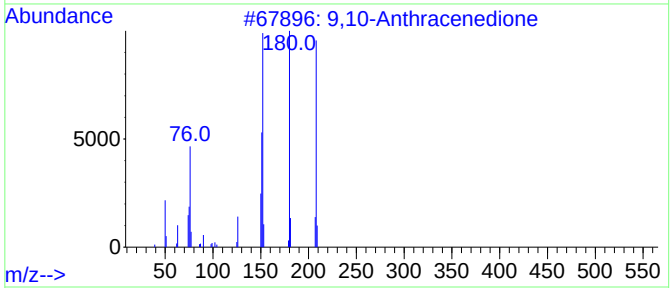
Peak Number 15 9,10-Anthracenedione Concentration Rank 11

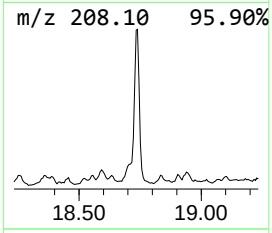
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	6.98 ng	637312	Phenanthrene-d10	17.351

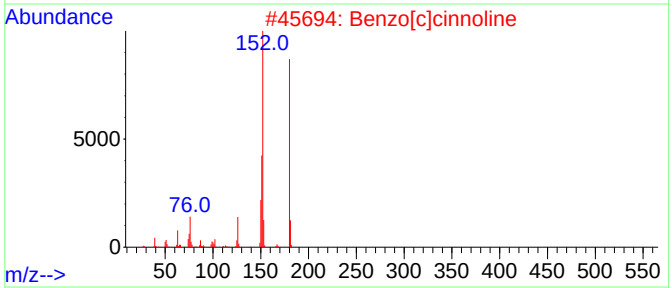
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55

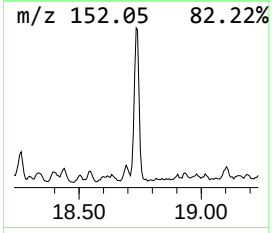


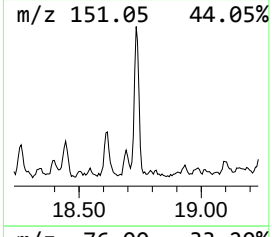


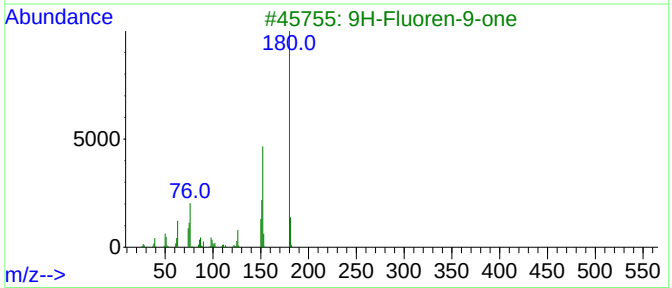


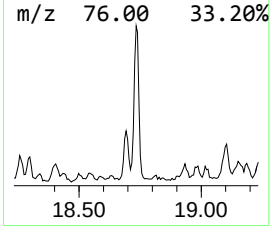












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

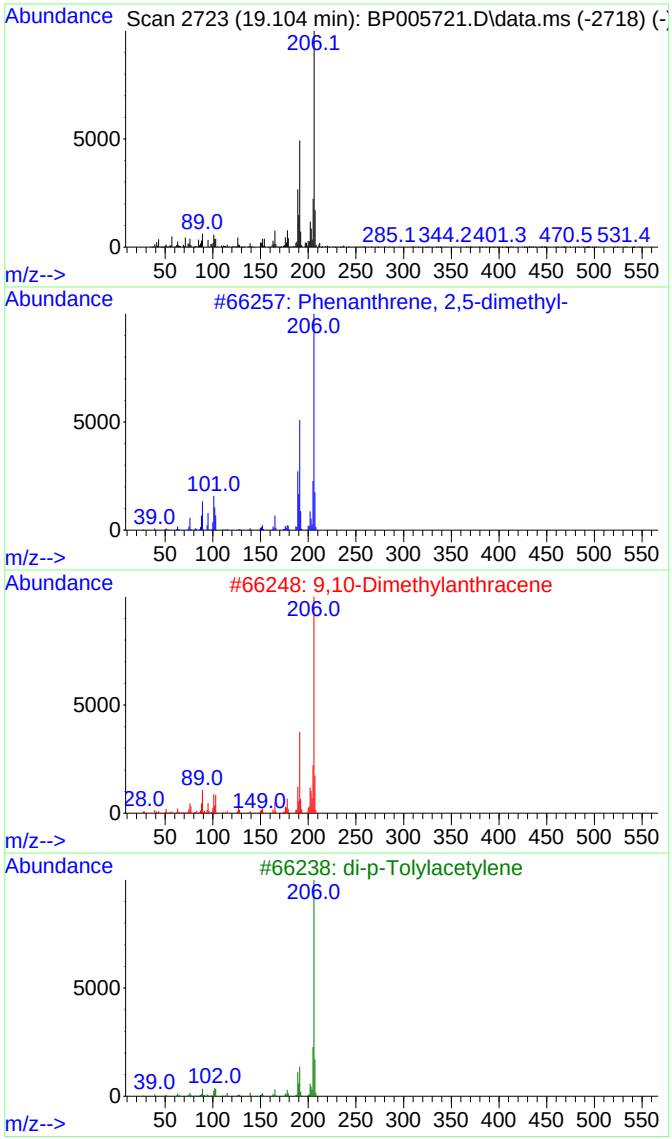
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

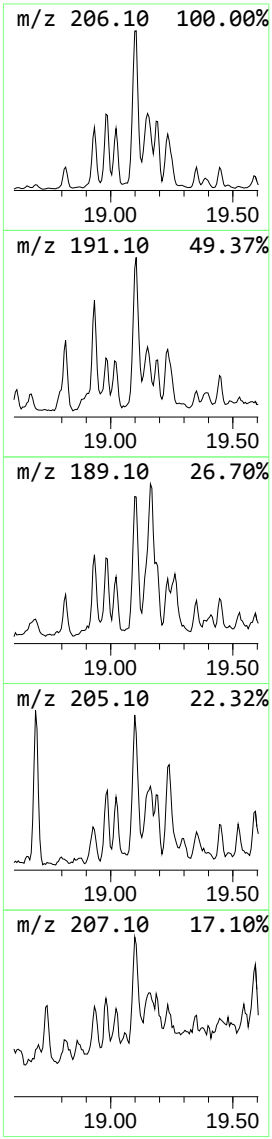
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	12.79 ng	1168520	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

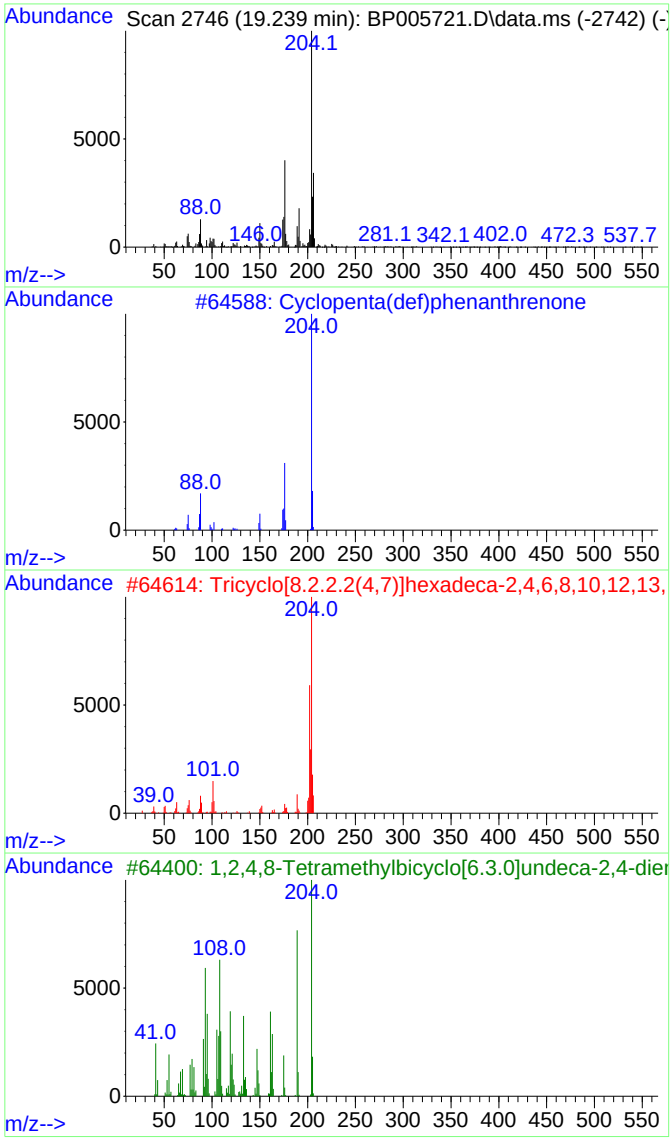
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

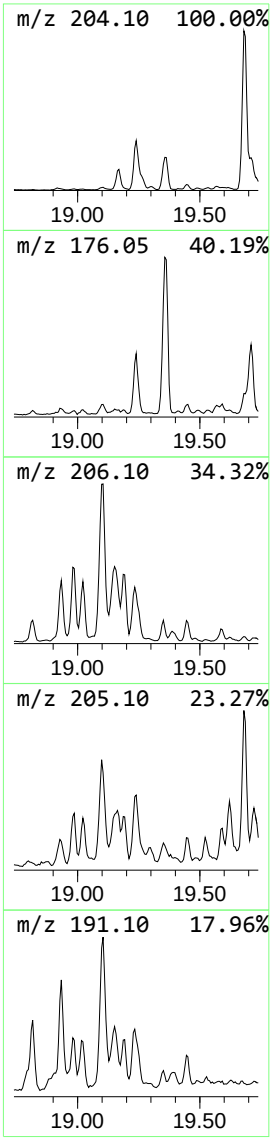
****

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	7.77 ng	709657	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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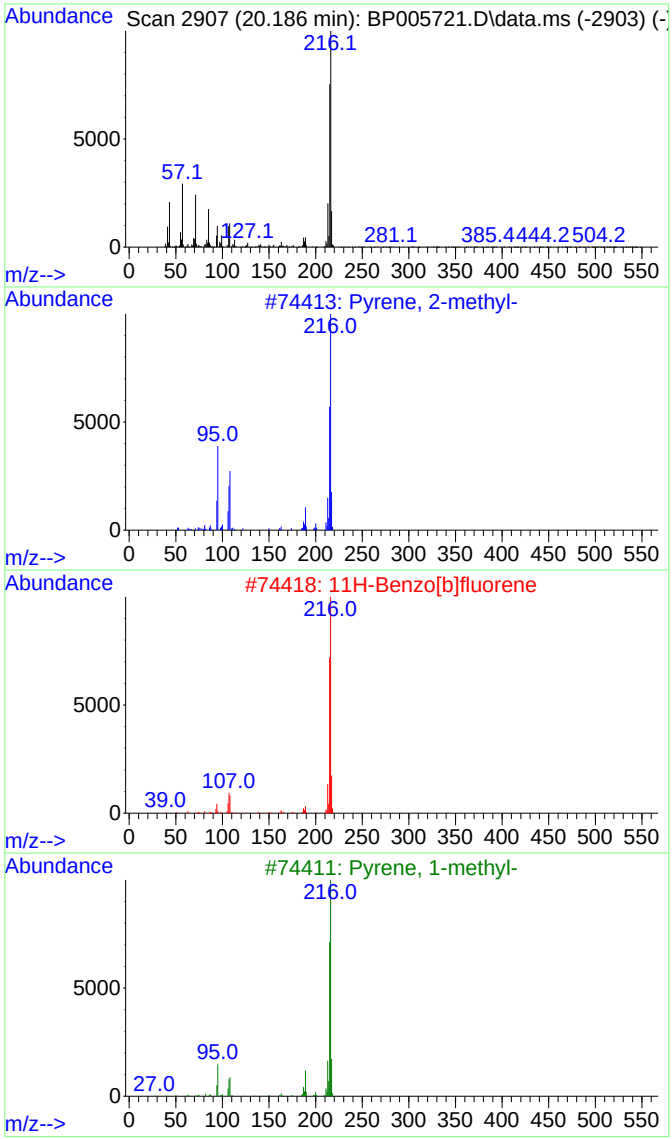
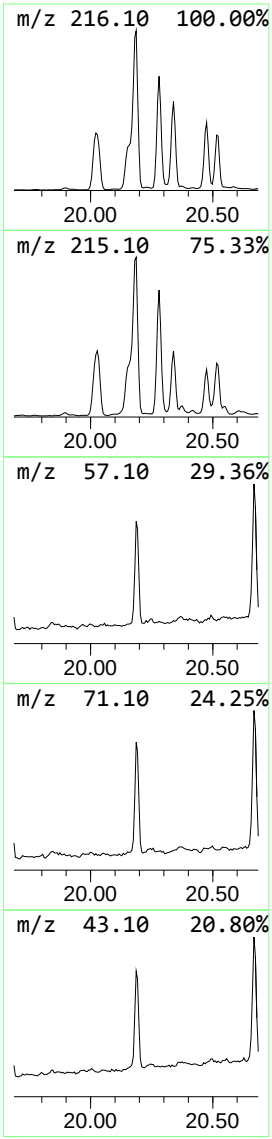
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	4.75 ng	2520240	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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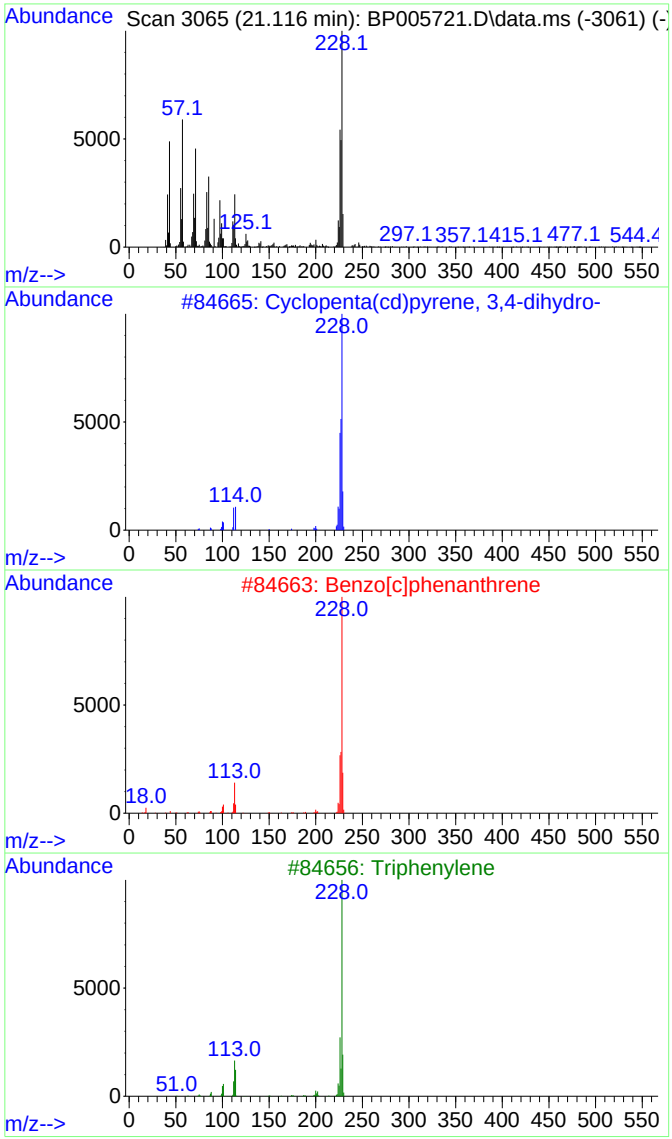
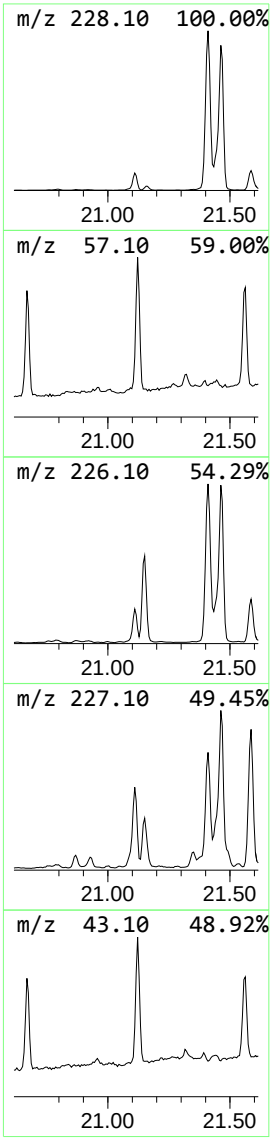
Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.116	4.24 ng	2250910	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
3	Triphenylene	228	C18H12	000217-59-4	38
4	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	32
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

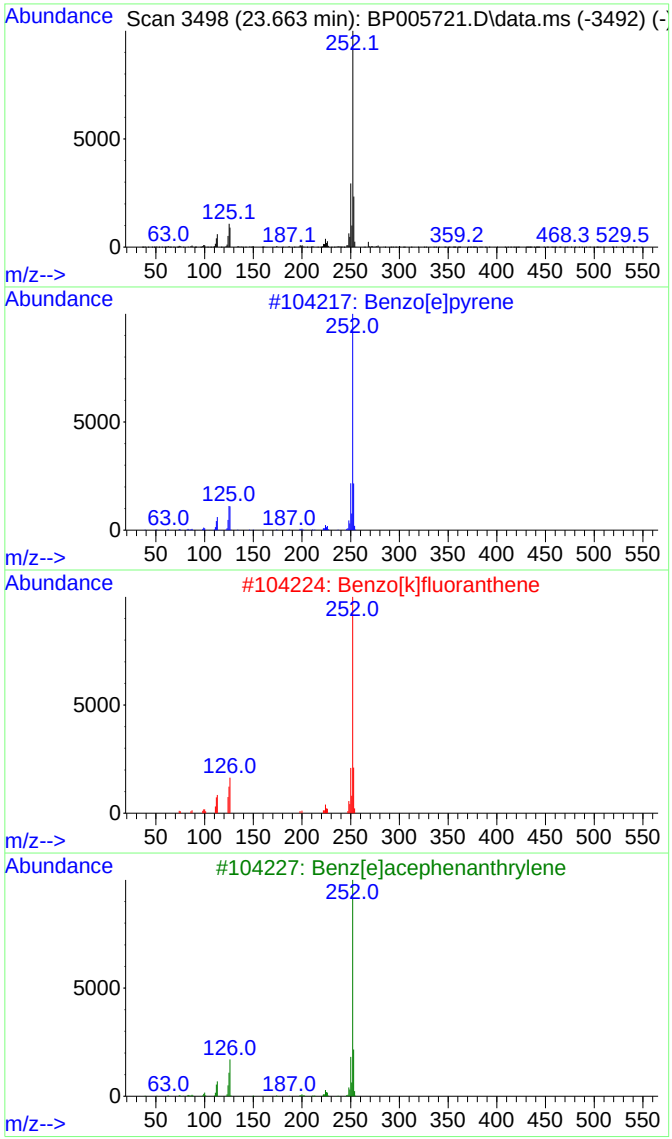
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

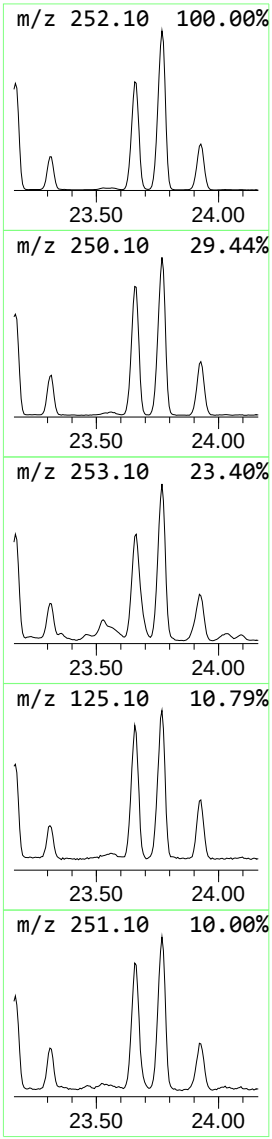
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.663	13.36 ng	5726490	Perylene-d12	23.869

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	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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
Naphthalene, 2,...	13.934	4.6	ng	406106	3	14.604	1769280	20.0
Dibenzofuran, 4...	15.945	4.1	ng	359355	3	14.604	1769280	20.0
Hexadecane, 2,6...	16.334	6.4	ng	583339	4	17.351	1826750	20.0
9H-Fluorene, 3-...	16.657	3.8	ng	345858	4	17.351	1826750	20.0
Docosane, 11-bu...	17.104	5.5	ng	506587	4	17.351	1826750	20.0
Naphtho[1,2-b]t...	17.169	9.2	ng	842844	4	17.351	1826750	20.0
Dibenzothiophen...	17.928	3.7	ng	340376	4	17.351	1826750	20.0
Phenanthrene, 1...	18.216	13.9	ng	1270170	4	17.351	1826750	20.0
Phenanthrene, 2...	18.263	16.7	ng	1524350	4	17.351	1826750	20.0
1H-Cyclopropa[l...	18.339	5.2	ng	476430	4	17.351	1826750	20.0
4H-Cyclopenta[d...	18.404	29.7	ng	2711840	4	17.351	1826750	20.0
Phenanthrene, 4...	18.439	13.5	ng	1232670	4	17.351	1826750	20.0
unknown18.610	18.610	9.2	ng	844392	4	17.351	1826750	20.0
Naphthalene, 2-...	18.692	8.8	ng	808056	4	17.351	1826750	20.0
9,10-Anthracene...	18.733	7.0	ng	637312	4	17.351	1826750	20.0
Phenanthrene, 2...	19.104	12.8	ng	1168520	4	17.351	1826750	20.0
Cyclopenta(def)...	19.239	7.8	ng	709657	4	17.351	1826750	20.0
Pyrene, 2-methyl-	20.186	4.8	ng	2520240	5	21.427	10613300	20.0
Cyclopenta(cd)p...	21.116	4.2	ng	2250910	5	21.427	10613300	20.0
Benzo[e]pyrene	23.663	13.4	ng	5726490	6	23.869	8570980	20.0