LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F-PHC

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	4	8	15	rVB	321250	365354	3.87%	0.349%
2	5.411	406	412	430	rBV	2568609	4187966	44.38%	3.997%
3	7.005	675	683	699	rBV	2305216	4168538	44.18%	3.978%
4	7.822	815	822	830	rBV	635850	1056723	11.20%	1.008%
5	8.981	1011	1019	1041	rBV	1483499	2724461	28.87%	2.600%
6	10.428	1256	1265	1273	rBV2	35907	104420	1.11%	0.100%
7	10.622	1288	1298	1303	rBV	754298	1344531	14.25%	1.283%
8	10.669	1303	1306	1316	rVB	135522	239560	2.54%	0.229%
9	12.287	1572	1581	1589	rBV	81402	150170	1.59%	0.143%
10	12.504	1613	1618	1626	rVB	73191	129137	1.37%	0.123%
11	12.922	1683	1689	1699	rBV	54951	143494	1.52%	0.137%
12	13.087	1709	1717	1740	rBV	3904975	6566250	69.59%	6.266%
13	13.292	1747	1752	1761	rVB4	60407	104356	1.11%	0.100%
14	13.645	1802	1812	1820	rBV3	32733	96826	1.03%	0.092%
15	13.787	1829	1836	1841	rBV	69150	130090	1.38%	0.124%
16	14.187	1898	1904	1910	rVB	123780	197157	2.09%	0.188%
17	14.463	1942	1951	1957	rBV	1022914	1698265	18.00%	1.621%
18	14.528	1957	1962	1970	rVB	264242	448641	4.75%	0.428%
19	14.863	2013	2019	2028	rBV	163706	285323	3.02%	0.272%
20	15.516	2124	2130	2141	rVB	286019	485185	5.14%	0.463%
21	15.810	2176	2180	2189	rVB	82199	159646	1.69%	0.152%
22	15.963	2199	2206	2226	rBV	2929133	5061997	53.65%	4.831%
23	16.192	2240	2245	2252	rVB3	51872	102869	1.09%	0.098%
24	16.522	2290	2301	2306	rBV3	86756	224067	2.37%	0.214%
25	16.875	2357	2361	2368	rVB	130446	199203	2.11%	0.190%
26	16.975	2369	2378	2384	rVV4	78536	237497	2.52%	0.227%
27	17.033	2384	2388	2401	rVB	179528	300137	3.18%	0.286%
28	17.216	2413	2419	2423	rBV	1313695	2075391	22.00%	1.981%
29	17.263	2423	2427	2434	rVV	3295476	4650480	49.29%	4.438%
30	17.351	2437	2442	2448	rVV	649480	1025961	10.87%	0.979%
31	17.416	2449	2453	2458	rVB2	63022	112430	1.19%	0.107%
32	17.628	2482	2489	2502	rBV2	263216	526029	5.57%	0.502%
33	17.739	2504	2508	2515	rVV3	75915	130652	1.38%	0.125%
34	17.804	2515	2519	2527	rVB3	82973	152648	1.62%	0.146%
35	18.086	2562	2567	2570	rBV	460363	645688	6.84%	0.616%
36	18.133	2570	2575	2583	rVV	689299	1219924	12.93%	1.164%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
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Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.216	2584	2589	2593	rVB	209356	291656	3.09%	0.278%
38	18.275	2593	2599	2603	rBV2	606282	1117809	11.85%	1.067%
39	18.310	2603	2605	2612	rVB	334901	418921	4.44%	0.400%
40	18.569	2645	2649	2653	rBV	294959	398136	4.22%	0.380%
41	18.616	2653	2657	2666	rVB2	297735	499359	5.29%	0.477%
42	18.810	2687	2690	2694	rBV3	114751	129151	1.37%	0.123%
43	18.863	2695	2699	2702	rVB	81659	100216	1.06%	0.096%
44	18.898	2702	2705	2709	rVB	93308	107128	1.14%	0.102%
45	18.975	2713	2718	2722	rBV	257615	429004	4.55%	0.409%
46	19.116	2737	2742	2748	rBV2	235109	397822	4.22%	0.380%
47	19.233	2756	2762	2769	rBV	4591910	6216961	65.89%	5.933%
48	19.327	2775	2778	2780	rBV	116614	153001	1.62%	0.146%
49	19.469	2799	2802	2806	rVB	103614	120363	1.28%	0.115%
50	19.557	2812	2817	2818	rBV2	767817	1022601	10.84%	0.976%
51	19.586	2818	2822	2830	rVV	3936064	5743946	60.88%	5.481%
52	19.657	2830	2834	2840	rVB2	226654	359391	3.81%	0.343%
53	19.780	2848	2855	2860	rBV	7740446	9435604	100.00%	9.004%
54	19.822	2860	2862	2869	rVB	206419	265692	2.82%	0.254%
55	19.898	2870	2875	2882	rBV3	311379	736498	7.81%	0.703%
56	20.033	2893	2898	2900	rBV4	254926	441759	4.68%	0.422%
57	20.069	2900	2904	2909	rVB2	577592	870066	9.22%	0.830%
58	20.163	2916	2920	2924	rBV	364237	490325	5.20%	0.468%
59	20.222	2924	2930	2934	rVV2	458022	767504	8.13%	0.732%
60	20.263	2934	2937	2940	rVB	115626	135971	1.44%	0.130%
61	20.298	2941	2943	2947	rVB	78586	94943	1.01%	0.091%
62	20.357	2950	2953	2957	rBV	230086	288833	3.06%	0.276%
63	20.404	2957	2961	2965	rVV2	251929	336995	3.57%	0.322%
64	20.804	3025	3029	3035	rVB	399886	527575	5.59%	0.503%
65	20.963	3052	3056	3059	rBV3	346066	542764	5.75%	0.518%
66	20.998	3059	3062	3064	rBV	254130	283095	3.00%	0.270%
67	21.092	3074	3078	3085	rVB3	538937	854104	9.05%	0.815%
68	21.304	3108	3114	3119	rBV2	3269911	6476014	68.63%	6.180%
69	21.345	3119	3121	3130	rVB	2197386	2734416	28.98%	2.609%
70	21.427	3130	3135	3139	rBV	3264579	4453359	47.20%	4.250%
71	21.886	3210	3213	3217	rVB	368491	468525	4.97%	0.447%
72	22.098	3246	3249	3252	rBV2	201978	279219	2.96%	0.266%
73	22.986	3394	3400	3405	rBV	1803598	4361457	46.22%	4.162%
74	23.168	3428	3431	3438	rVB	348644	580229	6.15%	0.554%
75	23.504	3483	3488	3499	rVB	1031919	2015063	21.36%	1.923%
76	23.610	3500	3506	3515	rVB	1597125	3208334	34.00%	3.062%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.715	3518	3524	3530	rBV2	1352891	2682792	28.43%	2.560%
78	26.221	3944	3950	3962	rVB2	869534	2501280	26.51%	2.387%

Sum of corrected areas: 104788947

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
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Acq On : 02 Feb 2022 21:04
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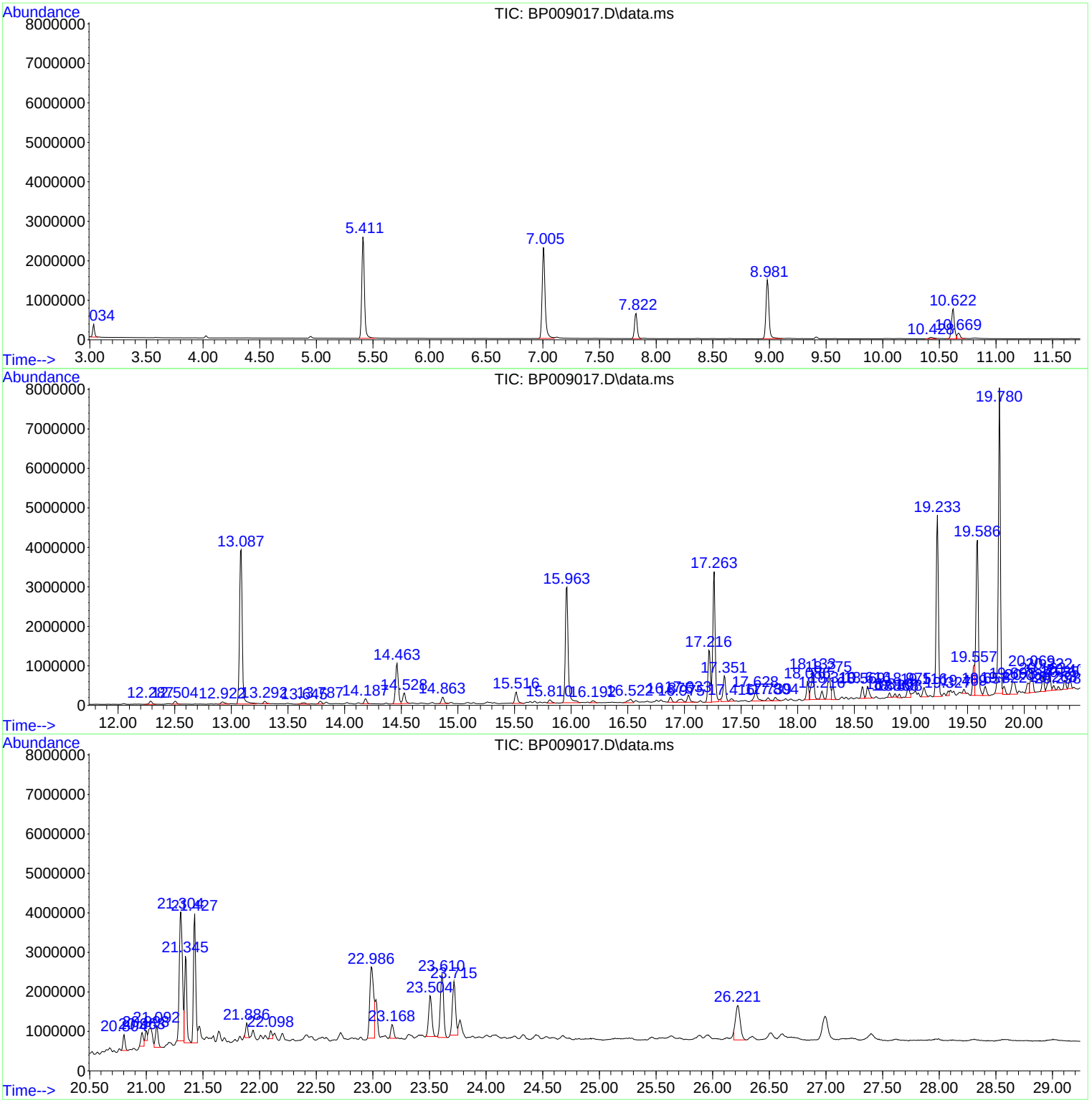
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

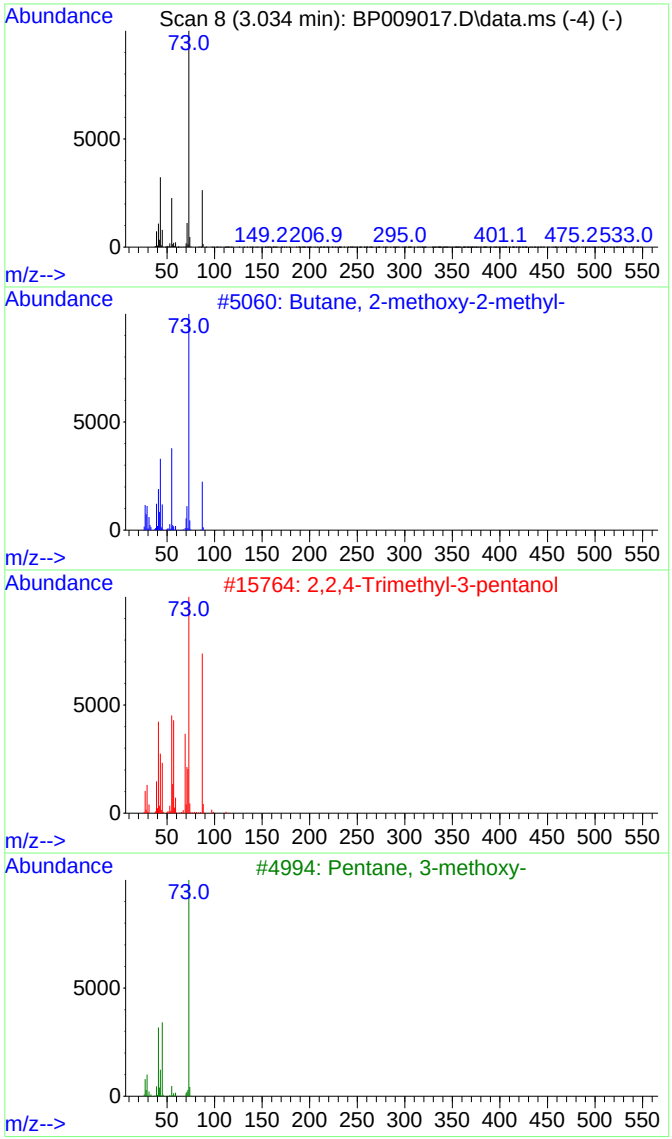
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

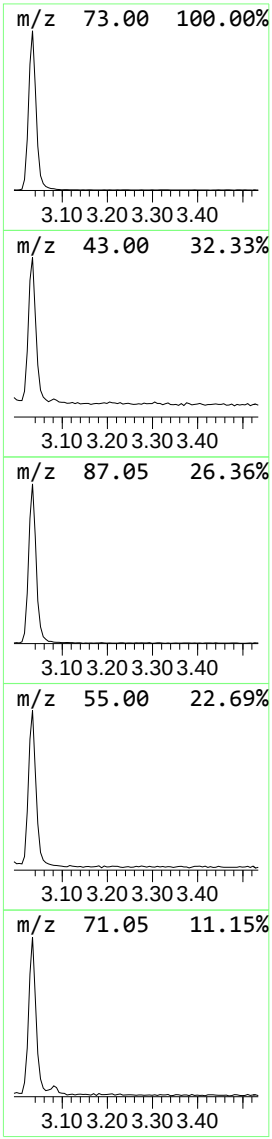
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	6.91 ng	365354	1,4-Dichlorobenzene-d4	7.822

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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

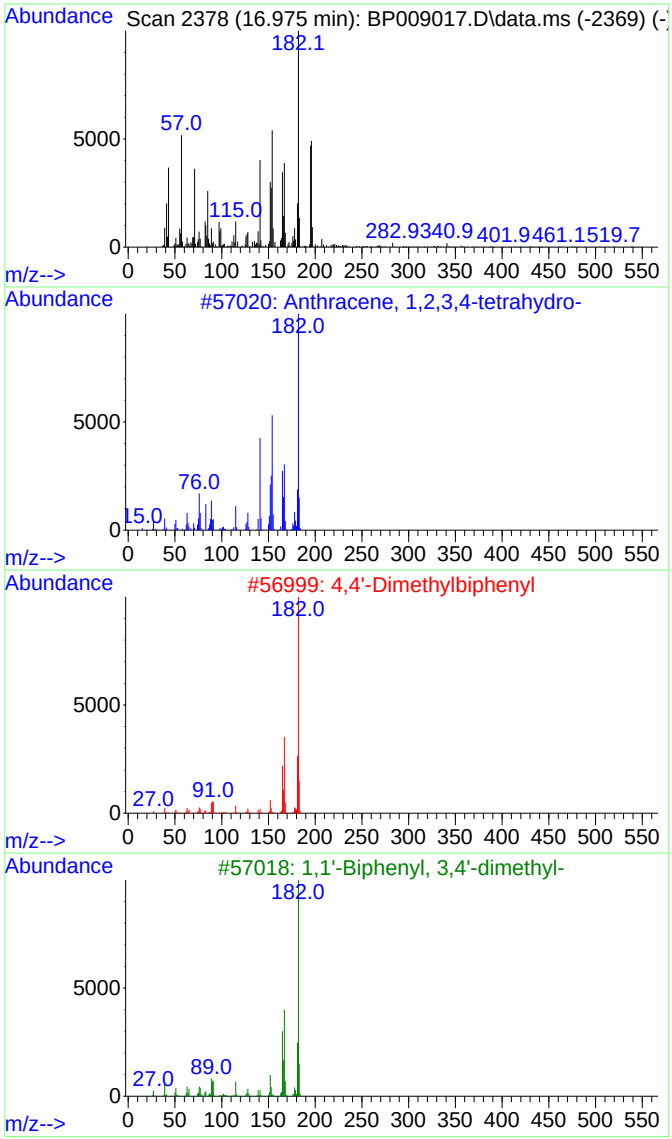
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

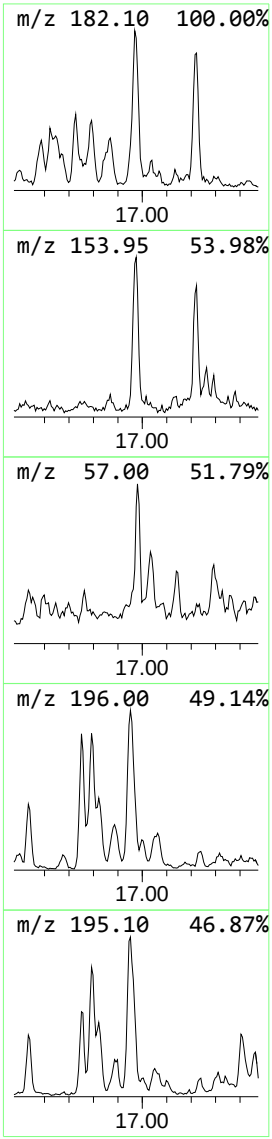
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	2.29 ng	237497	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	41
5	2-Dimethylamino-6,7-dihydro-4H-o...	182	C7H10N4O2	062626-99-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

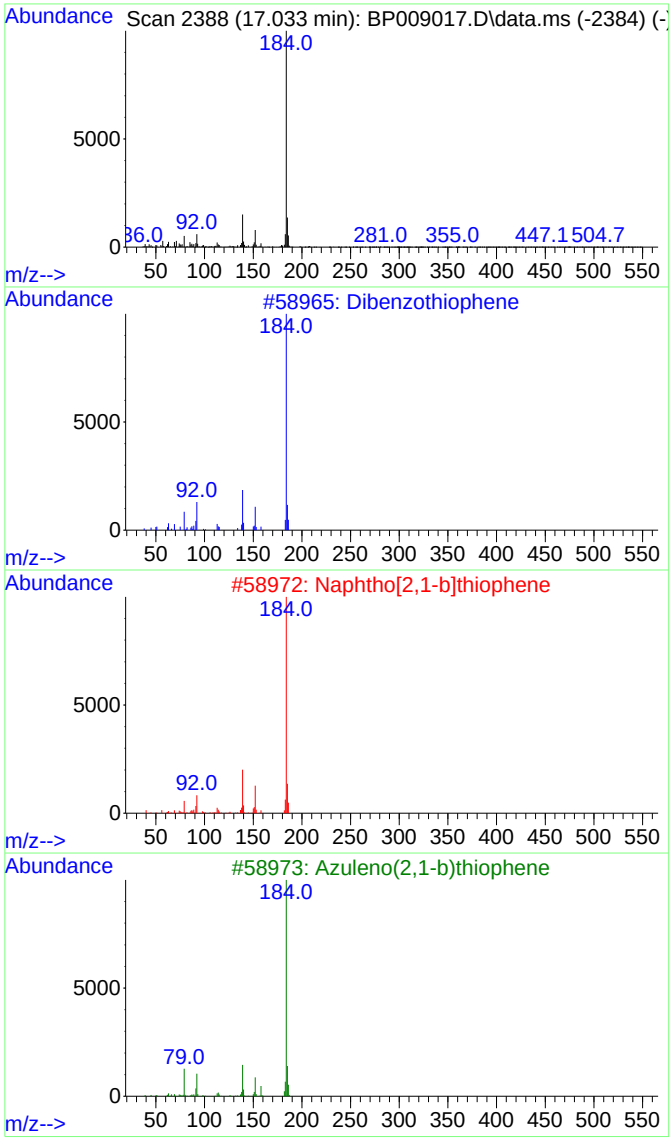
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

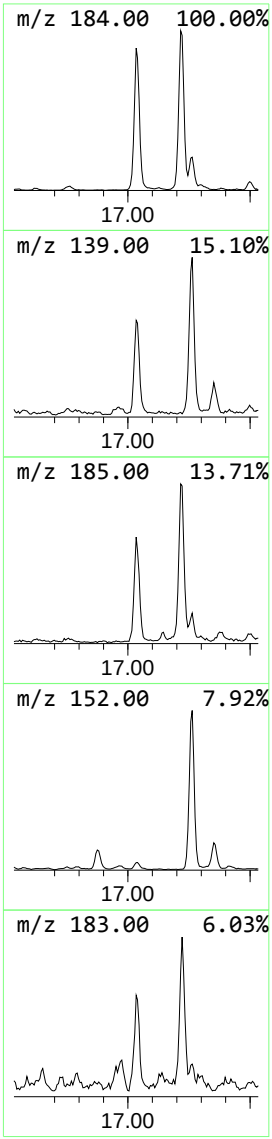
****

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	2.89 ng	300137	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
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Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

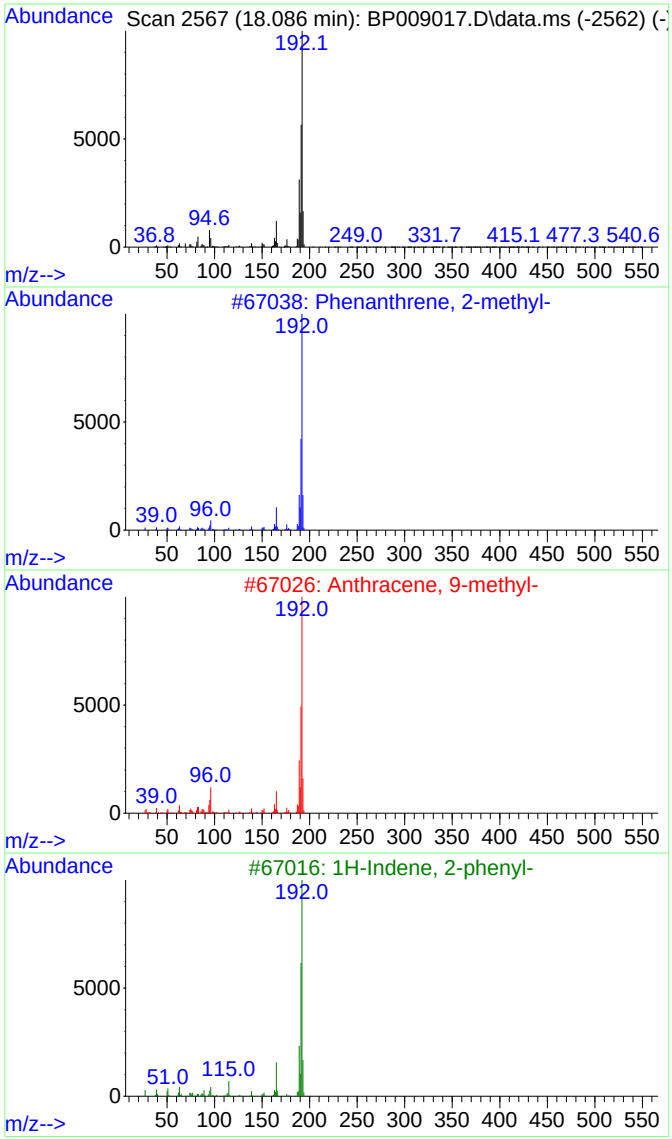
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

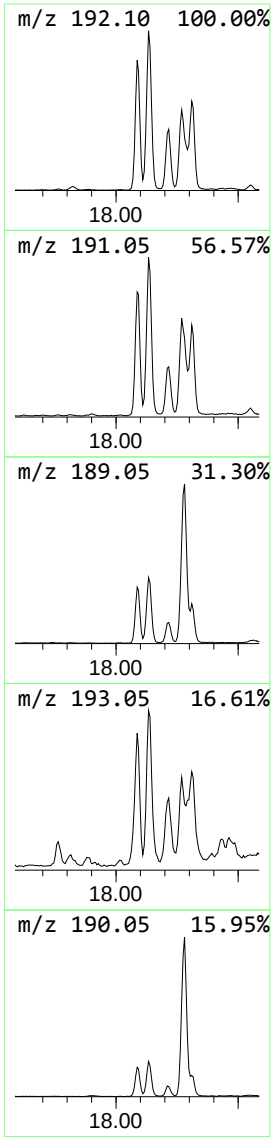
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	6.22 ng	645688	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
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Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

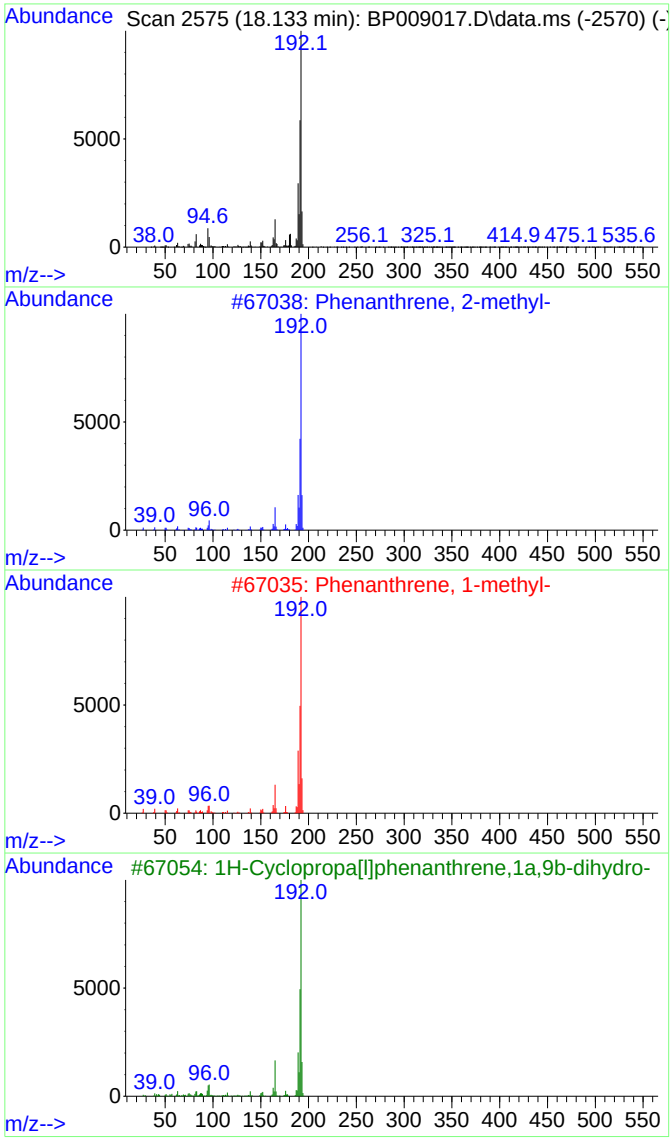
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

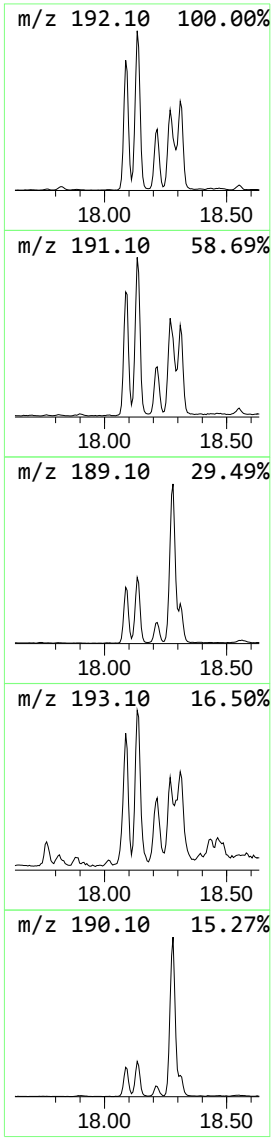
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	11.76 ng	1219920	Phenanthrene-d10	17.216

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	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

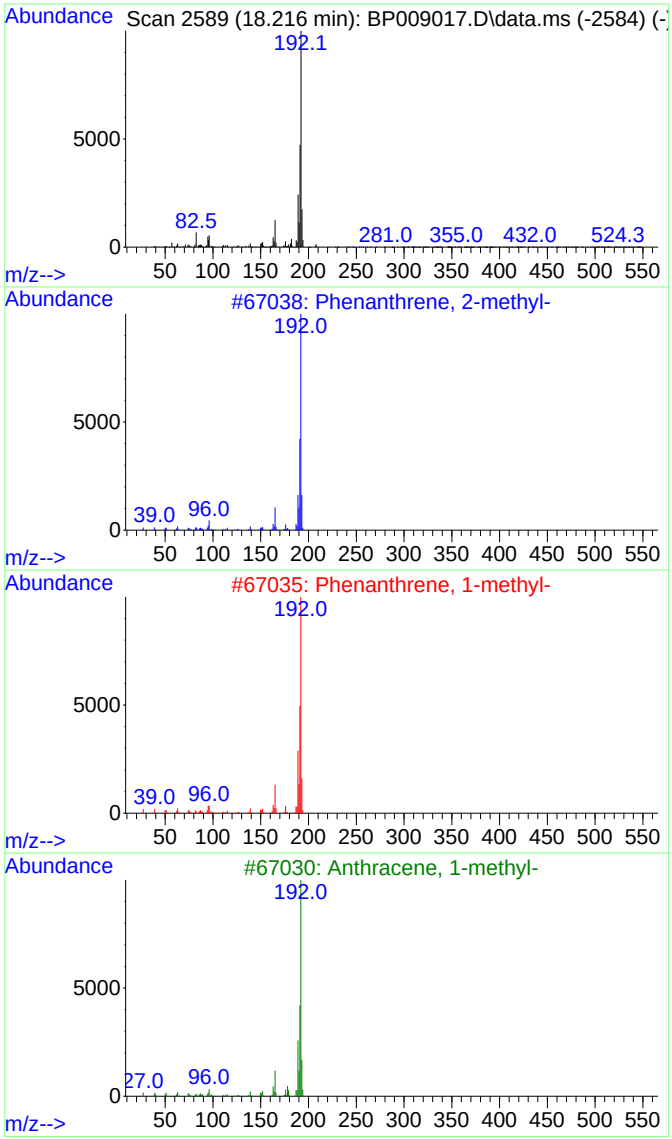
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

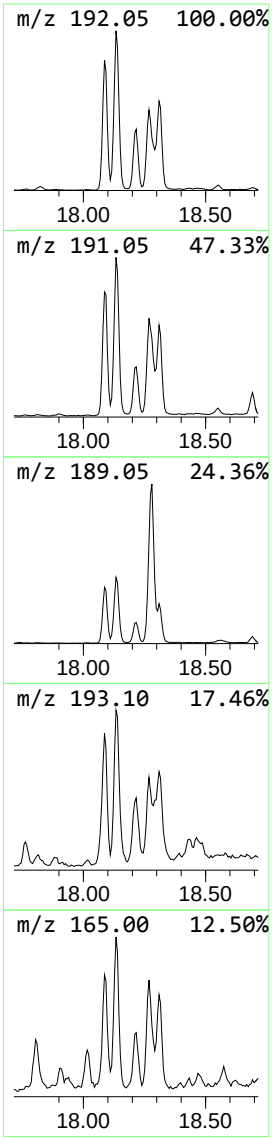
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.81 ng	291656	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Sample : N1356-01
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ClientSampleId :
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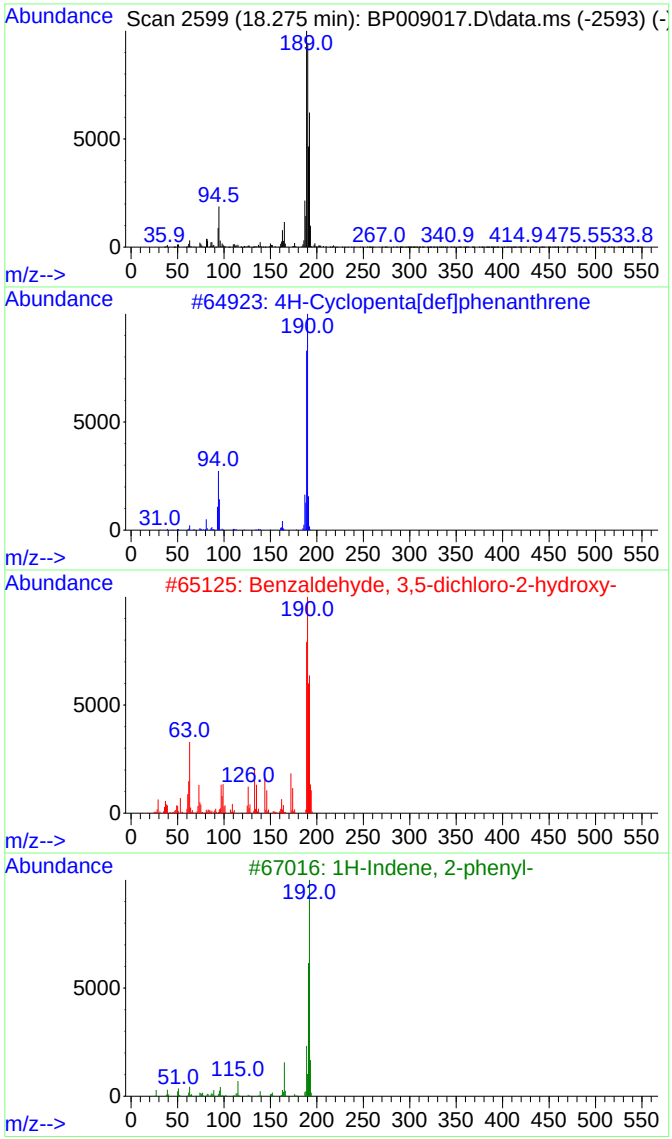
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

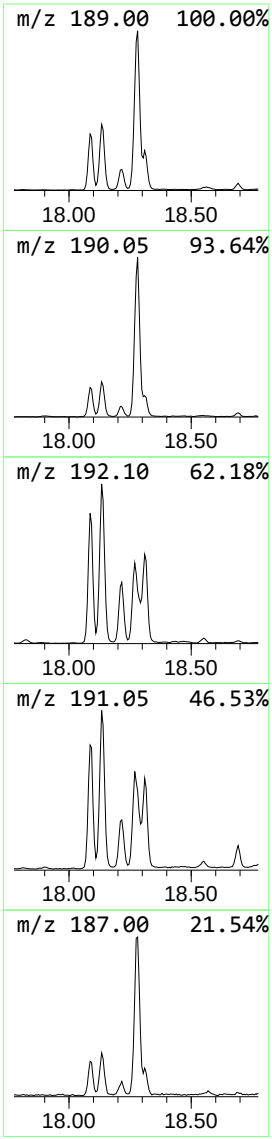
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	10.77 ng	1117810	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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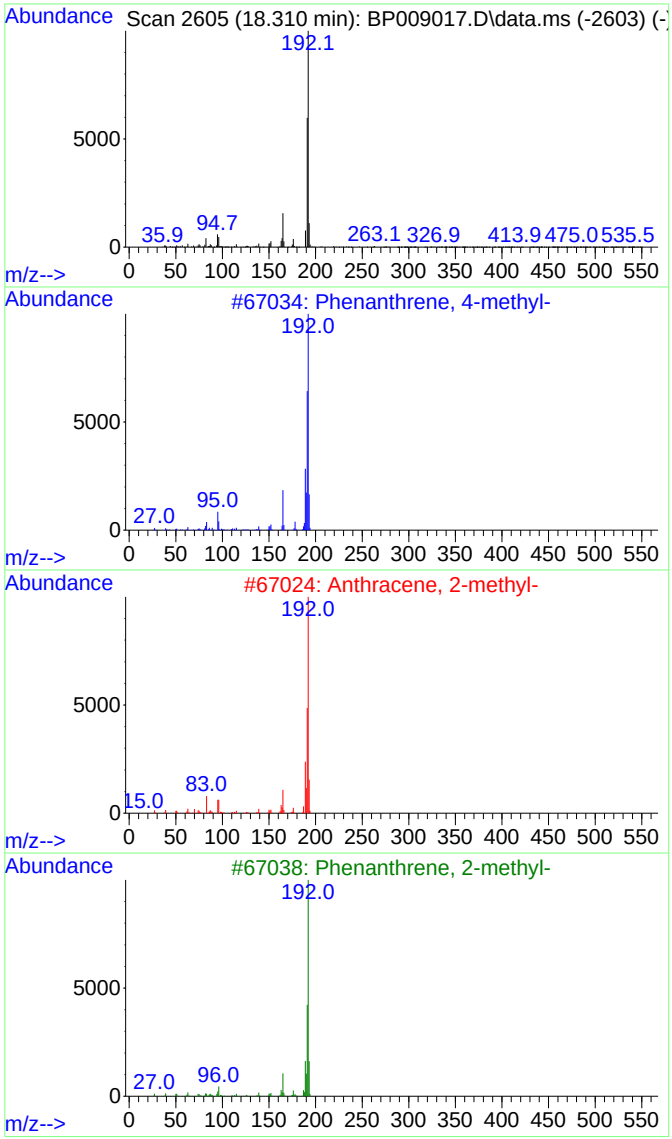
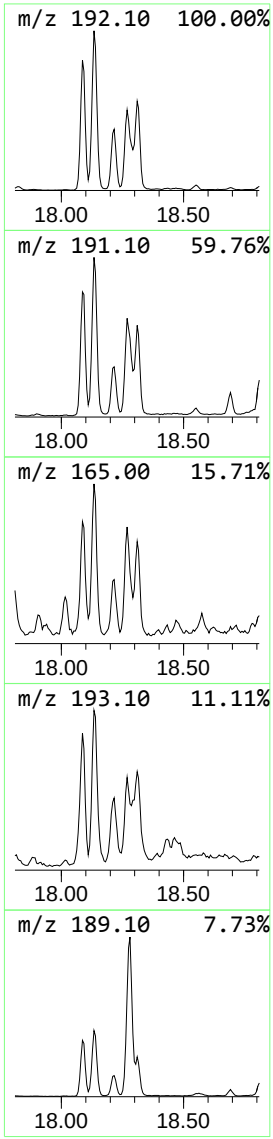
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	4.04 ng	418921	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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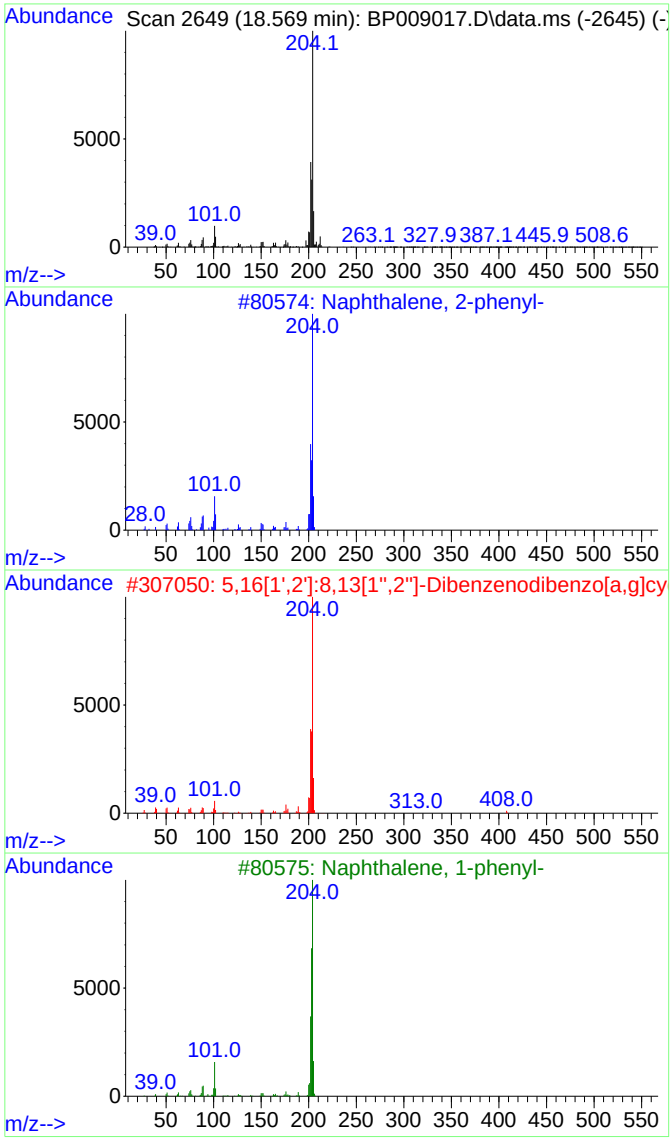
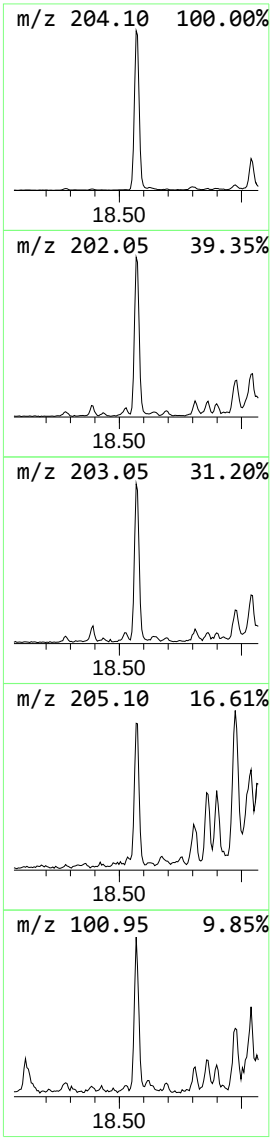
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	3.84 ng	398136	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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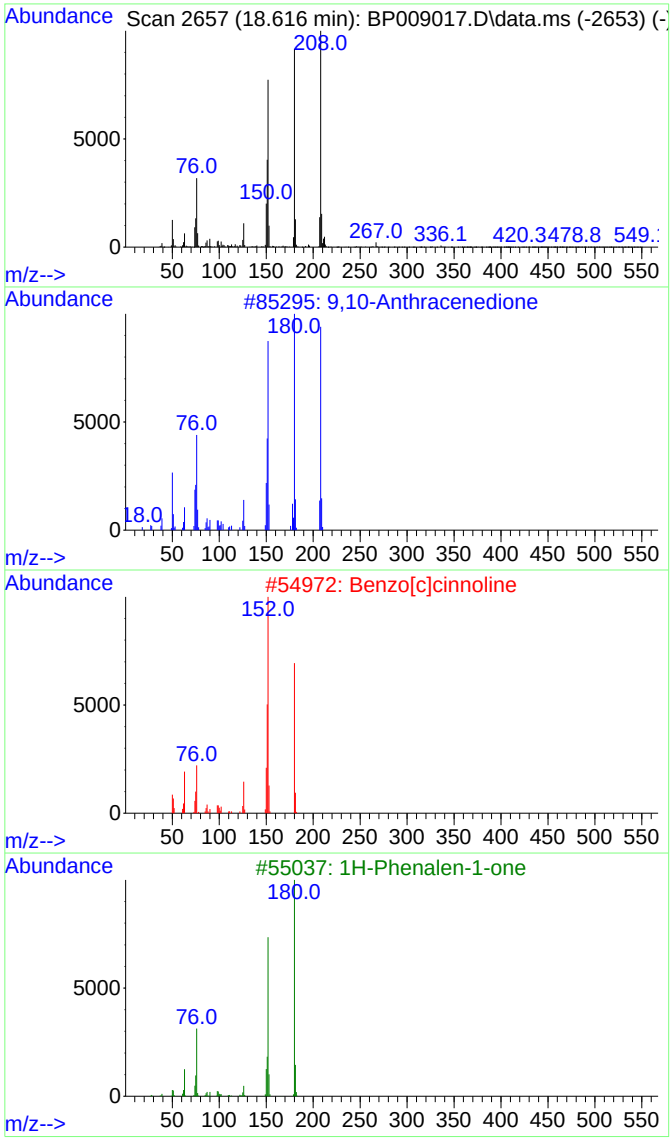
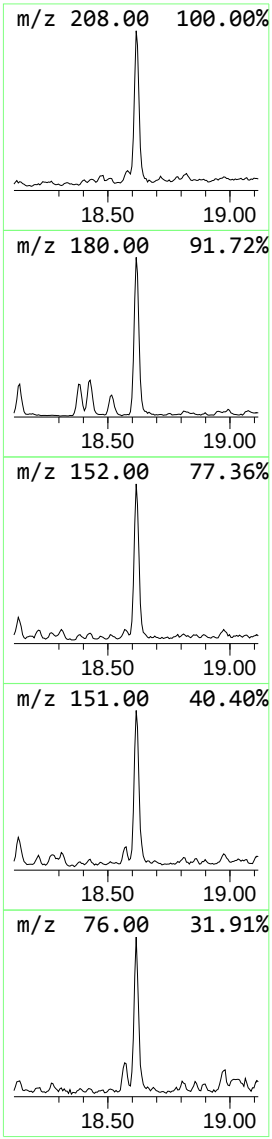
Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	4.81 ng	499359	Phenanthrene-d10	17.216

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	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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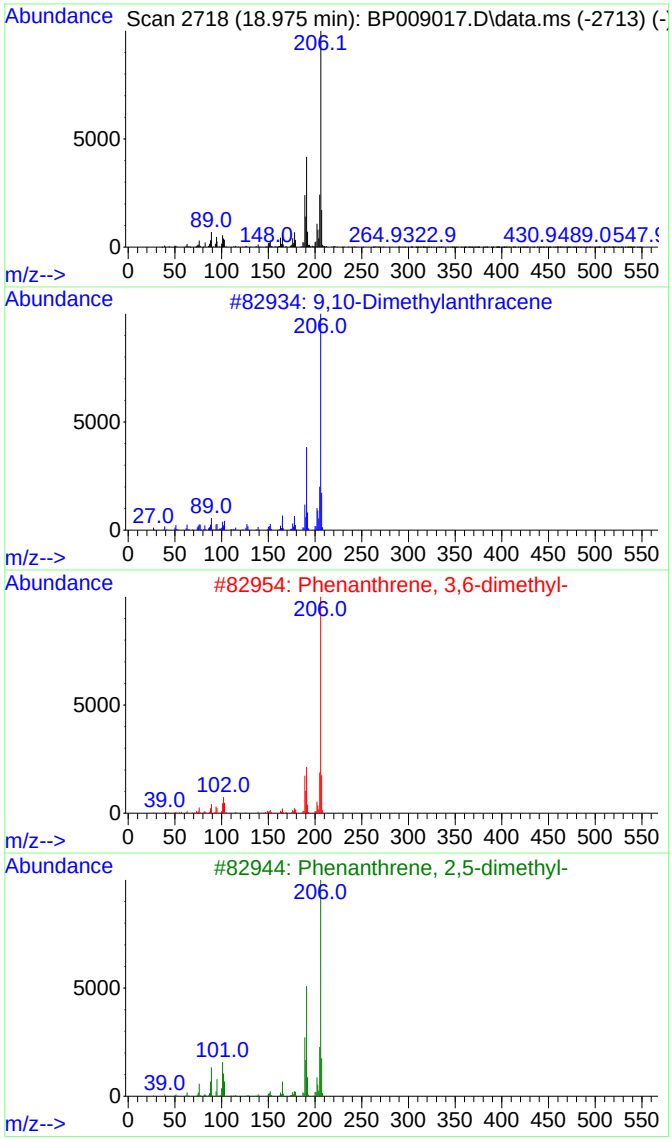
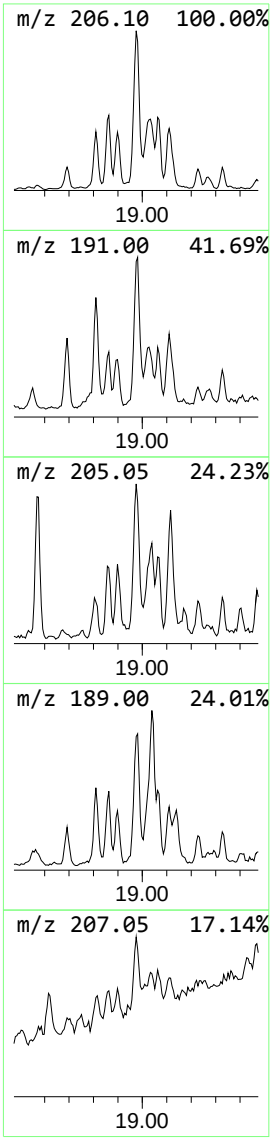
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	4.13 ng	429004	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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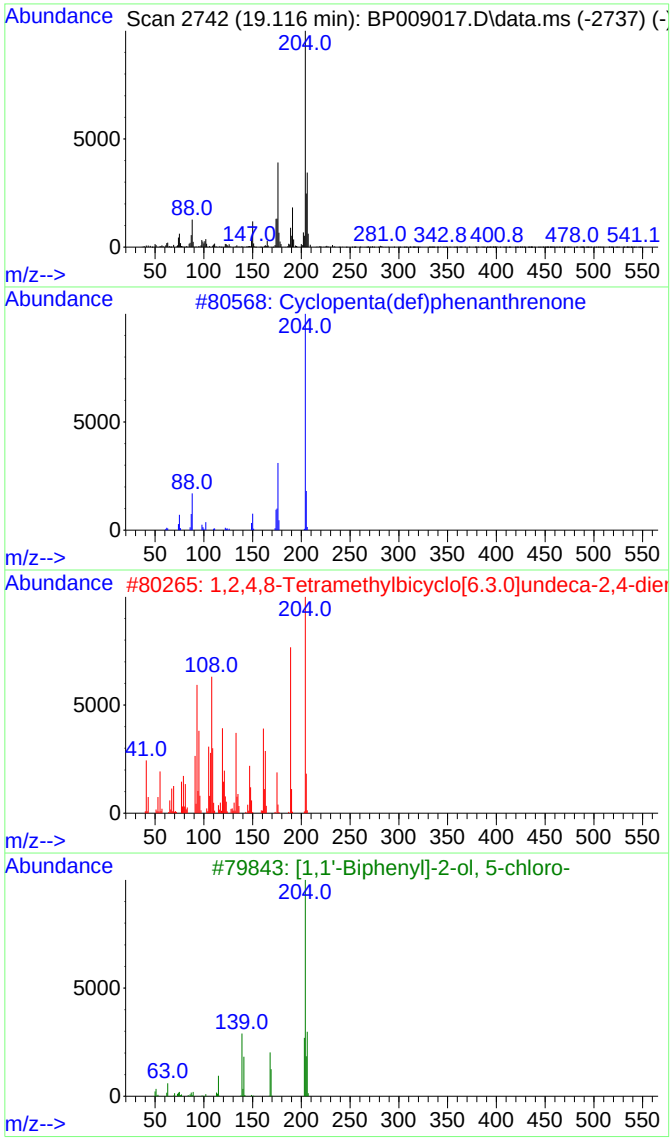
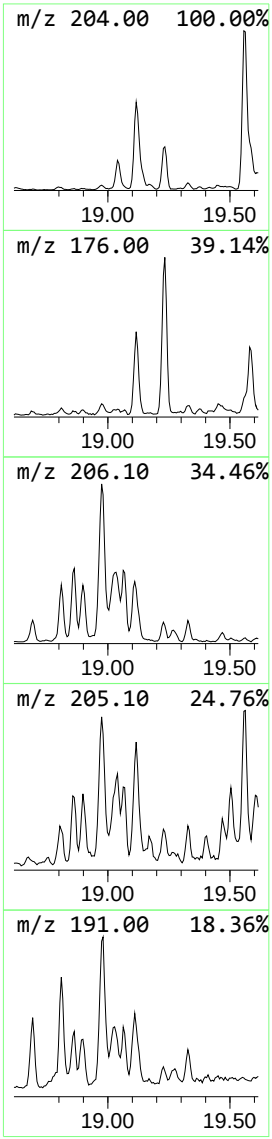
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	3.83 ng	397822	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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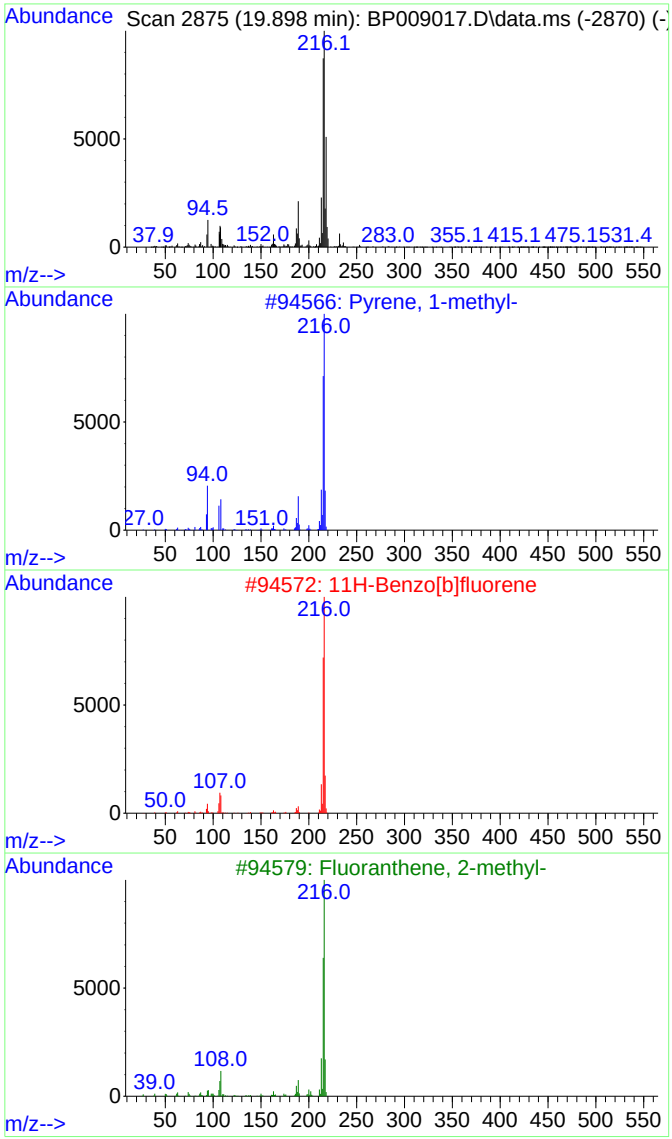
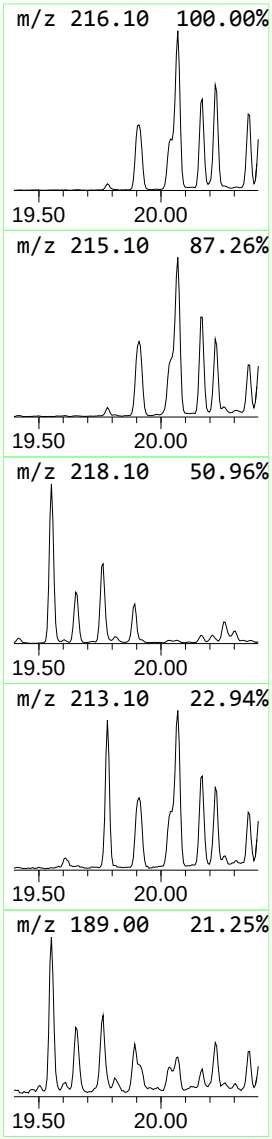
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.898	2.27 ng	736498	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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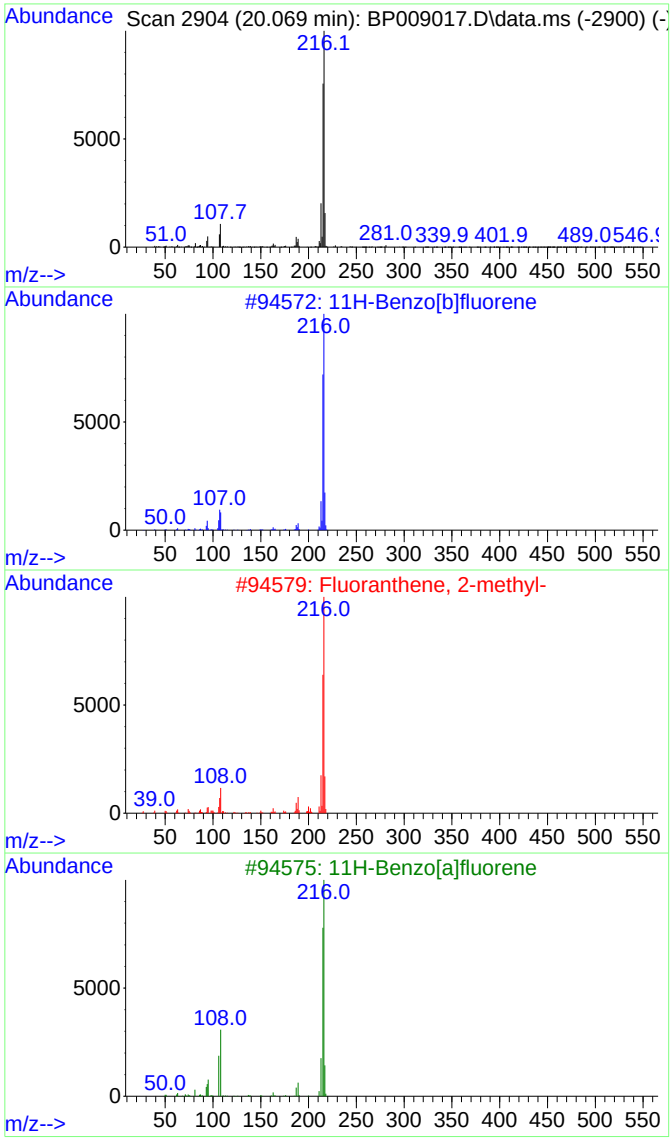
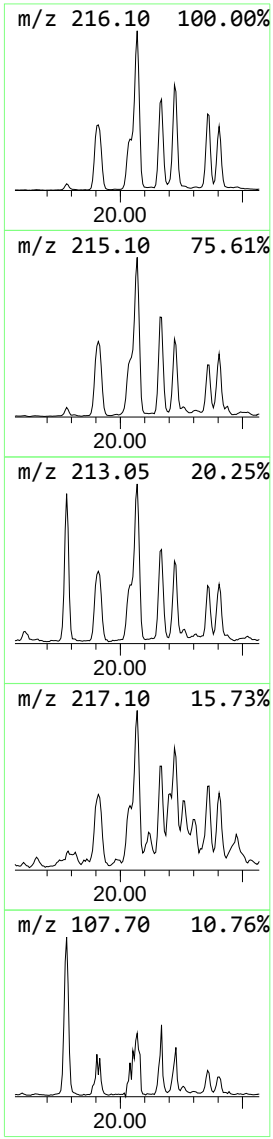
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.069	2.69 ng	870066	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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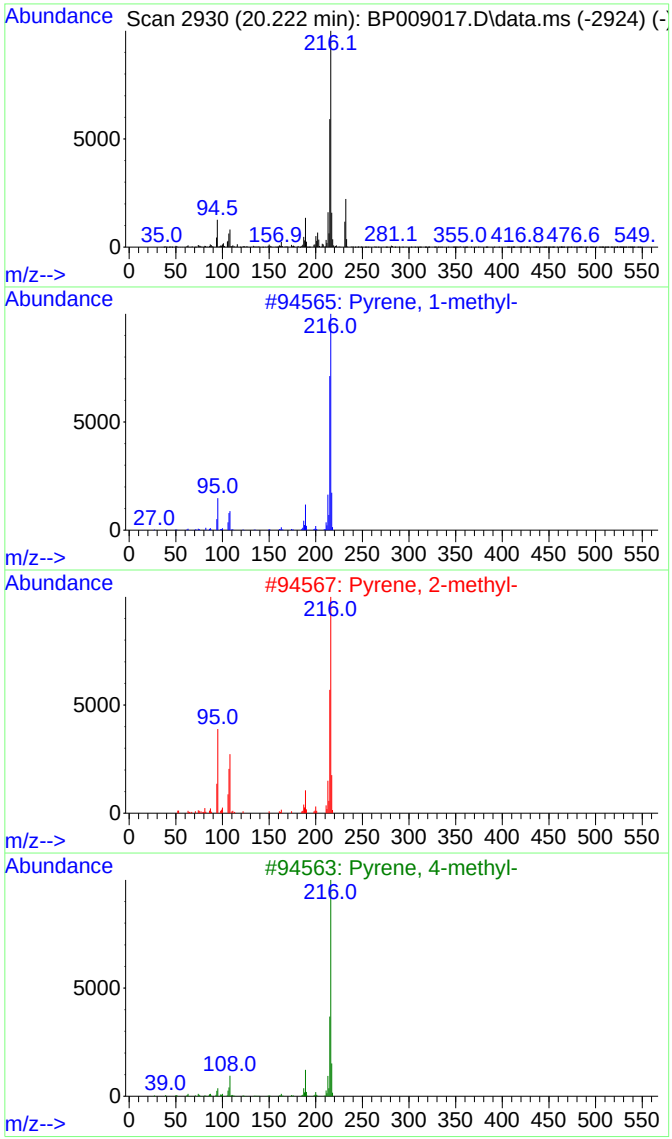
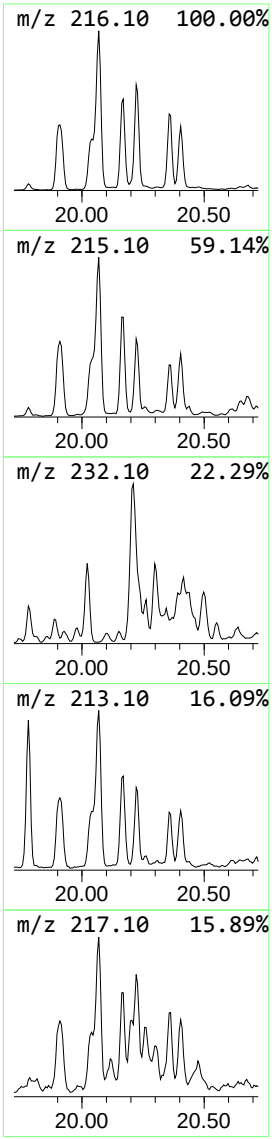
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	2.37 ng	767504	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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TIC Library : C:\Database\NIST20.L
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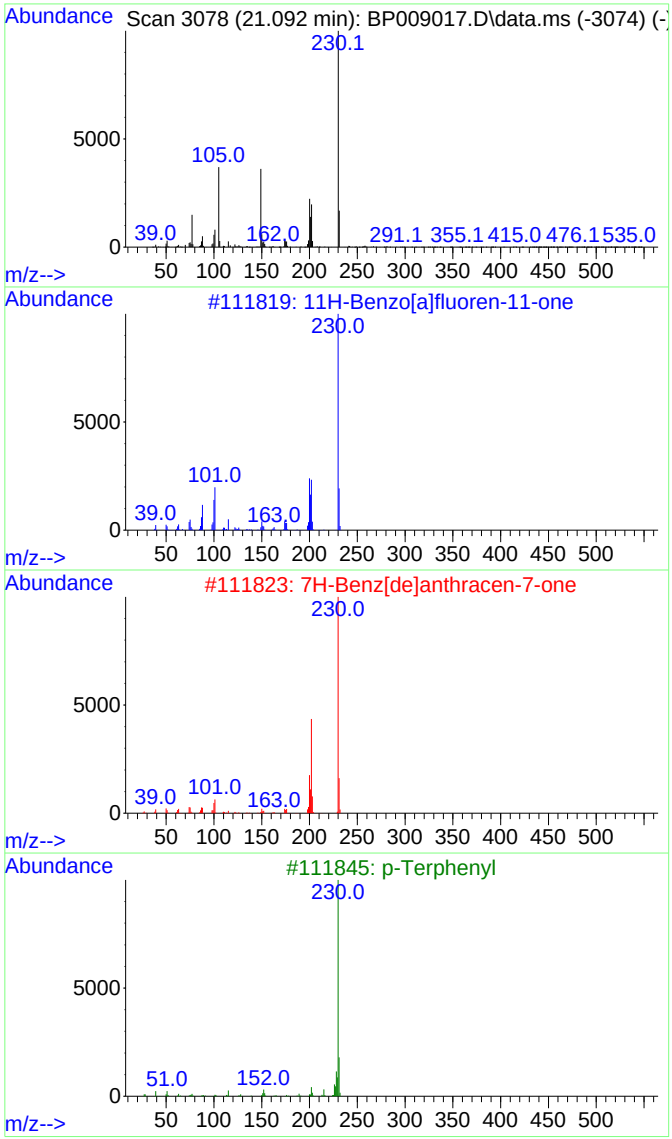
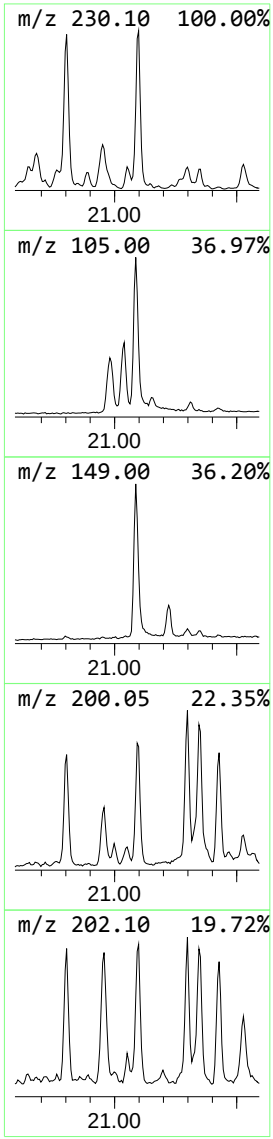
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.64 ng	854104	Chrysene-d12	21.310

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	83
3	p-Terphenyl	230	C18H14	000092-94-4	43
4	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	43
5	o-Terphenyl	230	C18H14	000084-15-1	38





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TIC Library : C:\Database\NIST20.L
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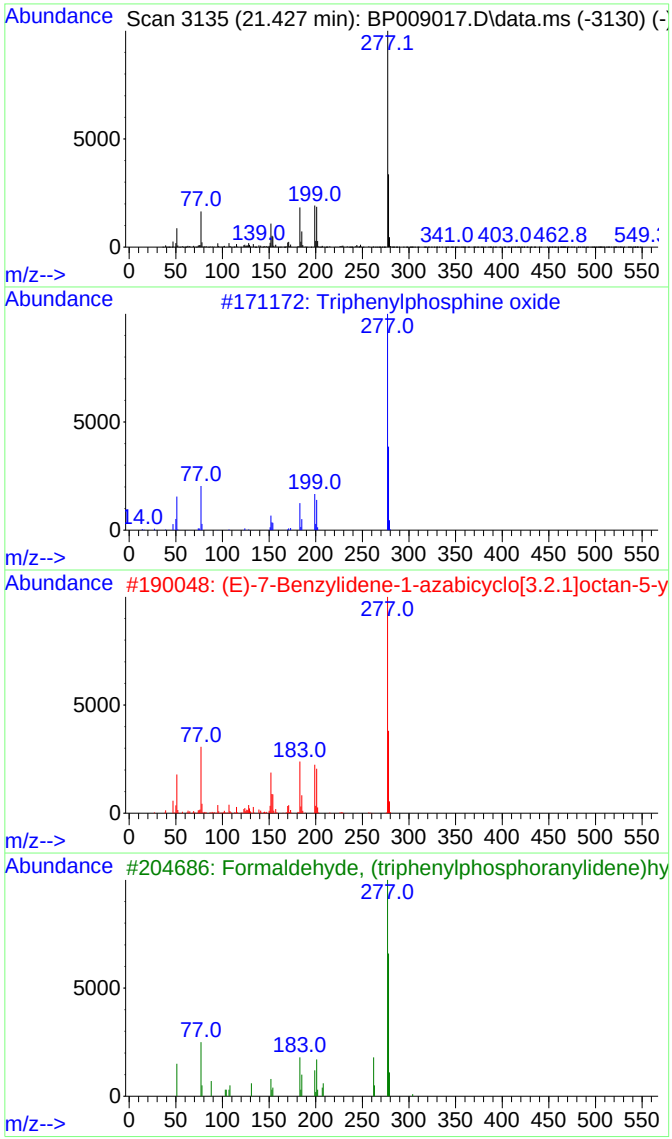
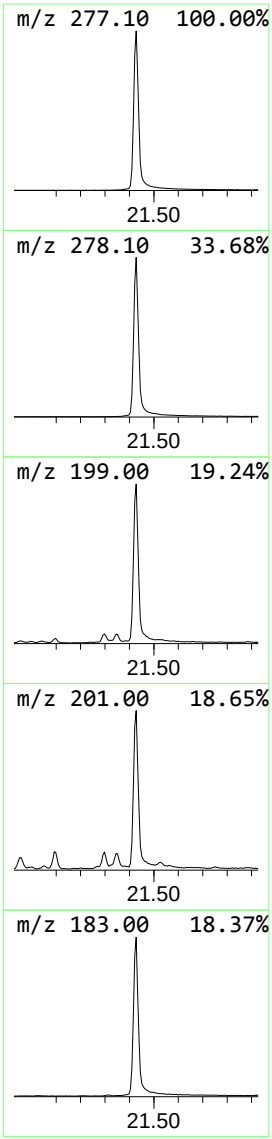
Peak Number 18 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	13.75 ng	4453360	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28





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ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

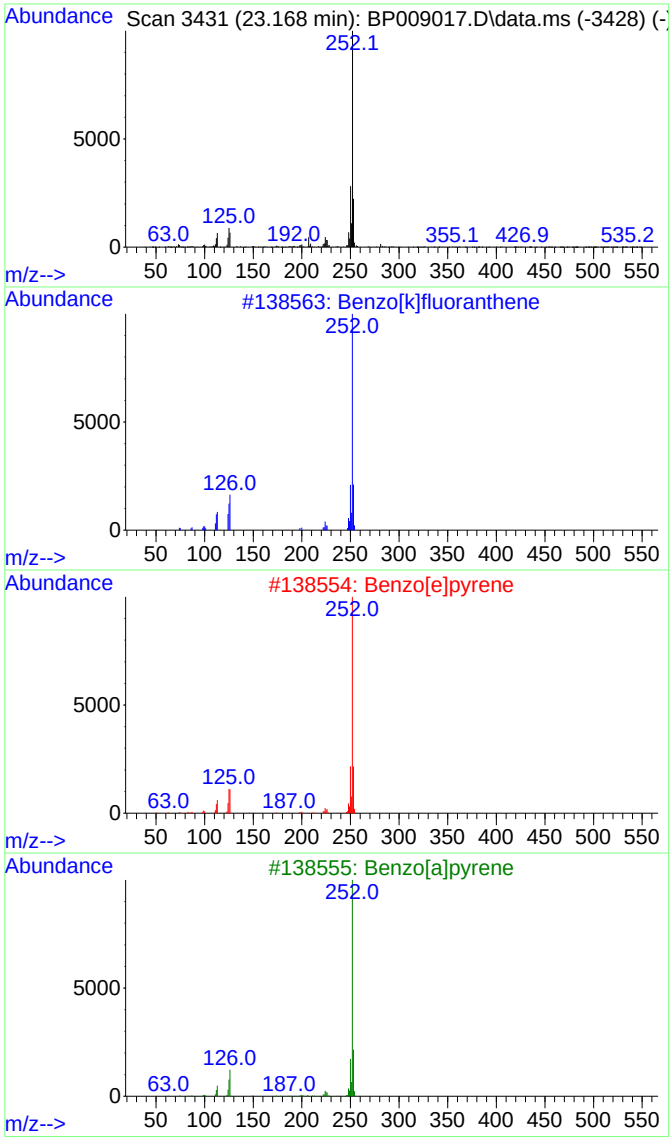
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

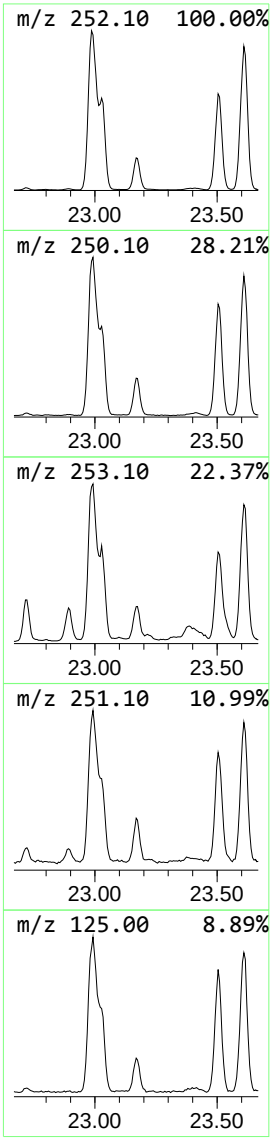
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.168	4.33 ng	580229	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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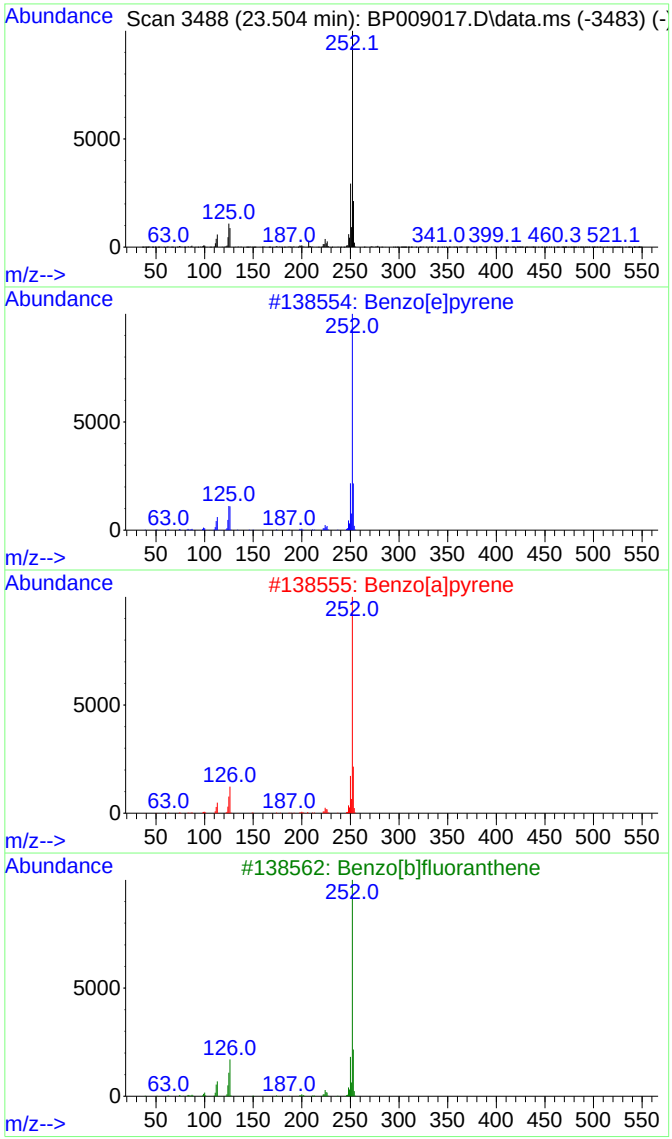
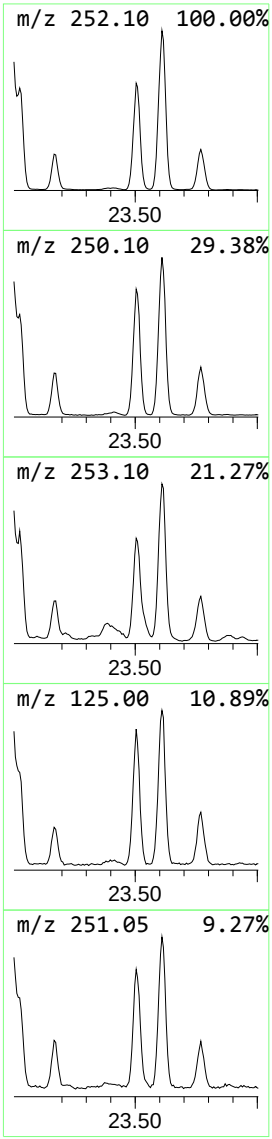
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	15.02 ng	2015060	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009017.D
Acq On : 02 Feb 2022 21:04
Operator : CG/JU
Sample : N1356-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.034	6.9	ng	365354	1	7.822	1056720	20.0
Anthracene, 1,2...	16.975	2.3	ng	237497	4	17.216	2075390	20.0
Dibenzothiophene	17.034	2.9	ng	300137	4	17.216	2075390	20.0
Phenanthrene, 2...	18.086	6.2	ng	645688	4	17.216	2075390	20.0
Phenanthrene, 1...	18.133	11.8	ng	1219920	4	17.216	2075390	20.0
Anthracene, 1-m...	18.216	2.8	ng	291656	4	17.216	2075390	20.0
4H-Cyclopenta[d...	18.275	10.8	ng	1117810	4	17.216	2075390	20.0
Phenanthrene, 4...	18.310	4.0	ng	418921	4	17.216	2075390	20.0
Naphthalene, 2-...	18.569	3.8	ng	398136	4	17.216	2075390	20.0
9,10-Anthracene...	18.616	4.8	ng	499359	4	17.216	2075390	20.0
9,10-Dimethylan...	18.974	4.1	ng	429004	4	17.216	2075390	20.0
Cyclopenta(def)...	19.116	3.8	ng	397822	4	17.216	2075390	20.0
Pyrene, 1-methyl-	19.898	2.3	ng	736498	5	21.310	6476010	20.0
11H-Benzo[b]flu...	20.069	2.7	ng	870066	5	21.310	6476010	20.0
Pyrene, 2-methyl-	20.221	2.4	ng	767504	5	21.310	6476010	20.0
11H-Benzo[a]flu...	21.092	2.6	ng	854104	5	21.310	6476010	20.0
Triphenylphosph...	21.427	13.8	ng	4453360	5	21.310	6476010	20.0
Benzo[e]pyrene	23.168	4.3	ng	580229	6	23.715	2682790	20.0
Perylene	23.504	15.0	ng	2015060	6	23.715	2682790	20.0