LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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: BP005662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	3	4	9	rVB	1211985	1050112	9.02%	1.154%
2	3.158	9	12	22	rVB	155974	185461	1.59%	0.204%
3	5.081	330	339	348	rVB	187305	284119	2.44%	0.312%
4	5.546	410	418	428	rBV	3471215	5040062	43.30%	5.537%
5	7.146	681	690	699	rBV	3257656	5134622	44.11%	5.641%
6	7.981	824	832	840	rVB	807912	1351559	11.61%	1.485%
7	9.146	1024	1030	1039	rVB	1978107	3160752	27.15%	3.472%
8	10.787	1300	1309	1315	rBV	1010228	1800549	15.47%	1.978%
9	10.840	1315	1318	1327	rVB	65289	120963	1.04%	0.133%
10	11.822	1479	1485	1489	rBV2	98719	175188	1.50%	0.192%
11	12.210	1546	1551	1558	rBV2	98307	164257	1.41%	0.180%
12	12.440	1583	1590	1596	rVB2	107991	224591	1.93%	0.247%
13	12.657	1622	1627	1635	rBV	97578	166140	1.43%	0.183%
14	13.157	1708	1712	1717	rVB2	113726	156181	1.34%	0.172%
15	13.234	1719	1725	1738	rBV	4646752	7094420	60.95%	7.794%
16	13.440	1756	1760	1767	rVB2	140788	222799	1.91%	0.245%
17	13.787	1811	1819	1824	rBV3	58638	161159	1.38%	0.177%
18	13.928	1838	1843	1848	rBV	121600	219587	1.89%	0.241%
19	13.981	1848	1852	1858	rVV2	86766	161118	1.38%	0.177%
20	14.057	1859	1865	1869	rVV	219982	388556	3.34%	0.427%
21	14.093	1869	1871	1875	rVB2	130429	153264	1.32%	0.168%
22	14.328	1904	1911	1918	rBV	343550	600285	5.16%	0.659%
23	14.445	1926	1931	1937	rVB	73551	130965	1.13%	0.144%
24	14.504	1937	1941	1947	rVB2	114843	157430	1.35%	0.173%
25	14.604	1950	1958	1965	rVV	1426261	2128186	18.28%	2.338%
26	14.669	1965	1969	1977	rVB	100869	188494	1.62%	0.207%
27	14.998	2022	2025	2032	rVB2	145245	223504	1.92%	0.246%
28	15.075	2033	2038	2043	rVB2	87787	140031	1.20%	0.154%
29	15.216	2056	2062	2066	rBV5	67064	145002	1.25%	0.159%
30	15.457	2100	2103	2111	rVB2	81622	138685	1.19%	0.152%
31	15.645	2130	2135	2147	rVB	251491	463607	3.98%	0.509%
32	15.857	2167	2171	2176	rVB4	86082	134865	1.16%	0.148%
33	15.939	2182	2185	2195	rVB5	59309	135668	1.17%	0.149%
34	16.087	2203	2210	2220	rBV	4153362	5902902	50.71%	6.485%
35	16.316	2245	2249	2257	rBV4	141435	308615	2.65%	0.339%
36	16.651	2299	2306	2310	rBV2	105017	220829	1.90%	0.243%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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	16.698	2310	2314	2320	rVB2	90886	133336	1.15%	0.146%
38	17.163	2389	2393	2403	rVB	261013	405617	3.48%	0.446%
39	17.345	2418	2424	2428	rBV	1780612	2590542	22.25%	2.846%
40	17.392	2428	2432	2438	rVV	1925552	2730266	23.45%	2.999%
41	17.481	2442	2447	2452	rVB	518792	752439	6.46%	0.827%
42	17.539	2452	2457	2462	rBV2	97563	174091	1.50%	0.191%
43	17.745	2488	2492	2499	rBV	130363	240784	2.07%	0.265%
44	17.845	2506	2509	2516	rVB2	83161	149502	1.28%	0.164%
45	17.922	2518	2522	2530	rVB	215637	313484	2.69%	0.344%
46	18.016	2534	2538	2541	rVV	113615	147246	1.26%	0.162%
47	18.063	2541	2546	2553	rVB	137324	244938	2.10%	0.269%
48	18.210	2566	2571	2576	rBV2	666064	1317580	11.32%	1.448%
49	18.257	2576	2579	2584	rVB	723776	939221	8.07%	1.032%
50	18.333	2588	2592	2596	rBV	226577	315642	2.71%	0.347%
51	18.392	2597	2602	2606	rVV2	673310	1251234	10.75%	1.375%
52	18.433	2606	2609	2615	rVB	427628	544533	4.68%	0.598%
53	18.510	2619	2622	2625	rBV	101740	124588	1.07%	0.137%
54	18.592	2632	2636	2640	rVB2	102331	128255	1.10%	0.141%
55	18.686	2648	2652	2656	rBV2	286058	377253	3.24%	0.414%
56	18.728	2656	2659	2670	rVB3	161358	350876	3.01%	0.385%
57	18.898	2685	2688	2690	rBV	118862	158943	1.37%	0.175%
58	18.922	2690	2692	2696	rVV	178000	233024	2.00%	0.256%
59	18.975	2697	2701	2704	rVV	293189	426781	3.67%	0.469%
60	19.010	2704	2707	2711	rVB2	215937	288848	2.48%	0.317%
61	19.092	2716	2721	2726	rBV	591369	1226247	10.53%	1.347%
62	19.139	2726	2729	2734	rVB3	426597	592920	5.09%	0.651%
63	19.228	2740	2744	2748	rBV2	199080	388435	3.34%	0.427%
64	19.345	2759	2764	2769	rBV	2398987	3121297	26.81%	3.429%
65	19.398	2769	2773	2777	rVV2	895959	1126002	9.67%	1.237%
66	19.445	2777	2781	2784	rVV2	134855	193692	1.66%	0.213%
67	19.492	2785	2789	2793	rVB2	200293	281320	2.42%	0.309%
68	19.580	2801	2804	2807	rBV2	149741	191862	1.65%	0.211%
69	19.698	2815	2824	2832	rBV	2753373	4452037	38.25%	4.891%
70	19.769	2832	2836	2841	rVV2	289363	423798	3.64%	0.466%
71	19.892	2852	2857	2862	rVB	9590966	11640575	100.00%	12.788%
72	20.010	2873	2877	2884	rBV4	253405	620918	5.33%	0.682%
73	20.175	2902	2905	2912	rVB2	591999	886772	7.62%	0.974%
74	20.275	2919	2922	2925	rVB	352391	408960	3.51%	0.449%
75	20.327	2928	2931	2935	rVV2	396458	490675	4.22%	0.539%
76	20.463	2952	2954	2958	rBV	317741	370112	3.18%	0.407%

LSC Area Percent Report

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Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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	20.510	2959	2962	2965	rVV2	301999	356238	3.06%	0.391%
78	21.122	3063	3066	3073	rVB3	736150	1035058	8.89%	1.137%
79	21.410	3109	3115	3119	rBV2	2809825	5482040	47.09%	6.023%
80	21.451	3119	3122	3131	rVB	1233004	1753969	15.07%	1.927%
81	23.857	3526	3531	3537	rVB2	1653097	3207645	27.56%	3.524%

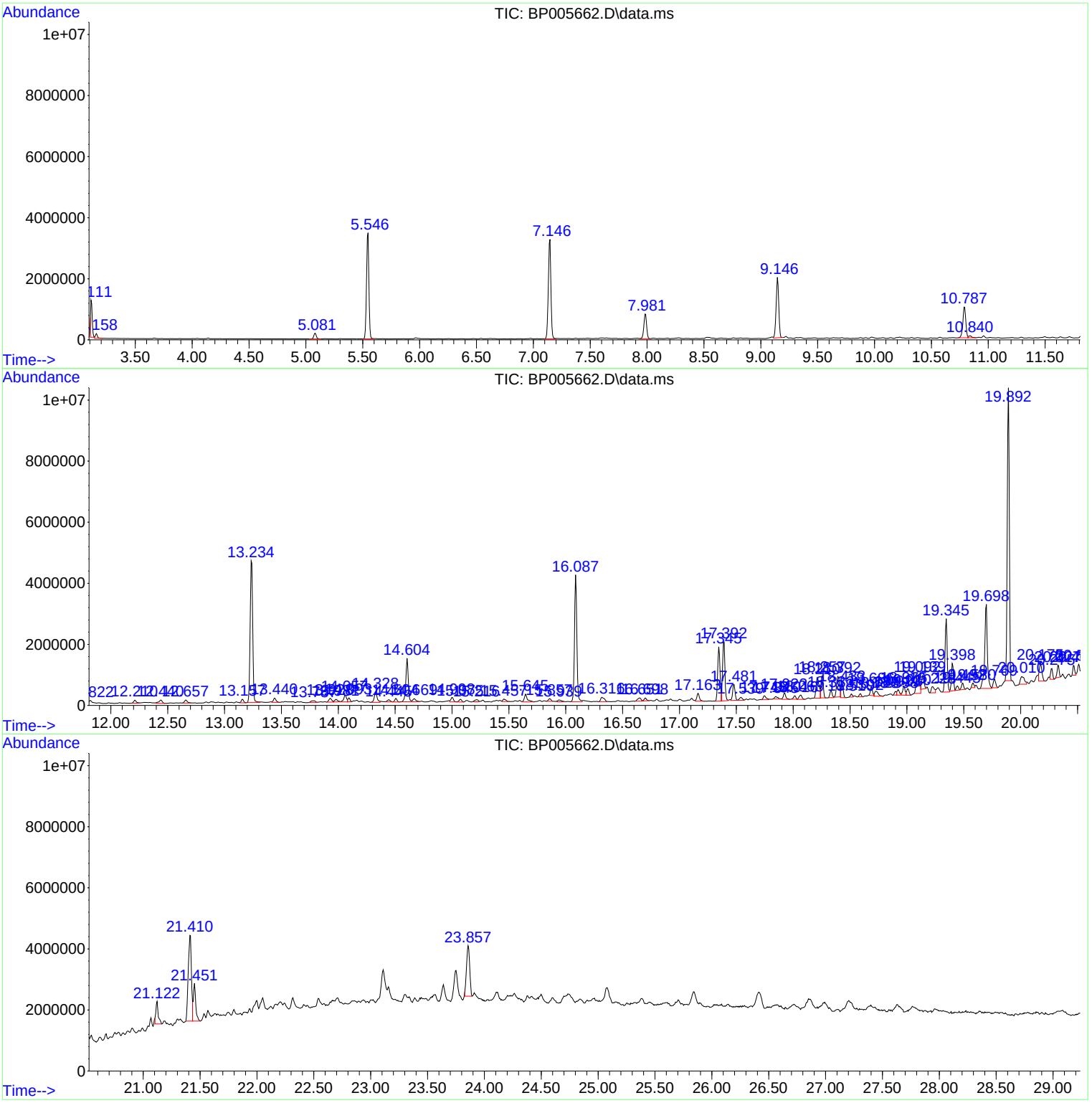
Sum of corrected areas: 91024122

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

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\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

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

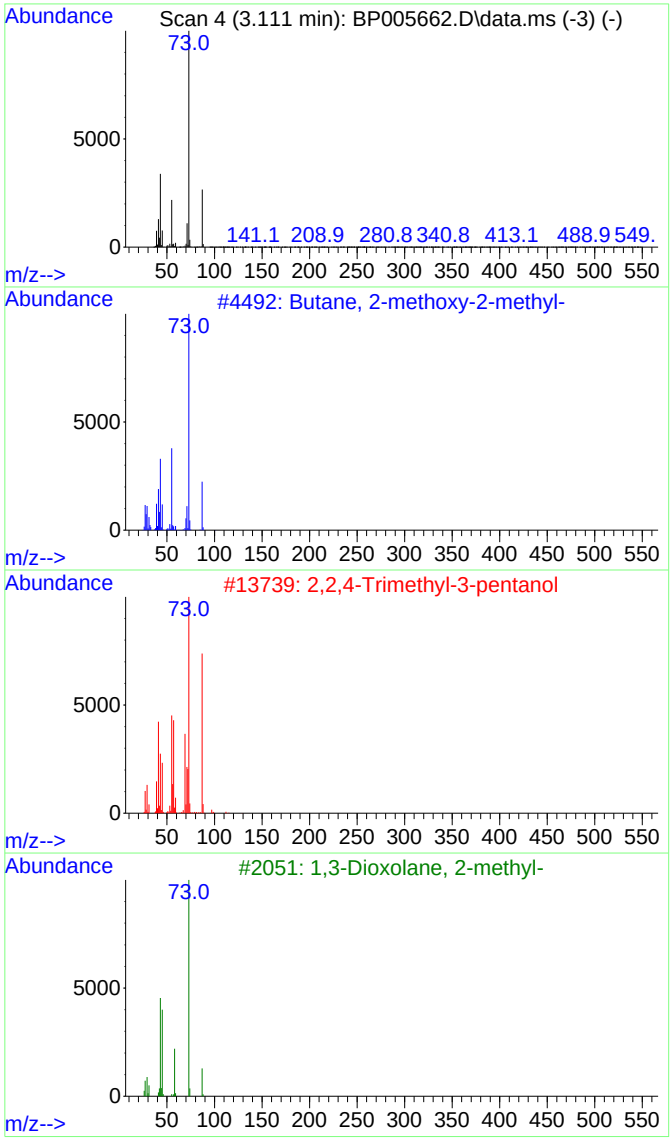
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

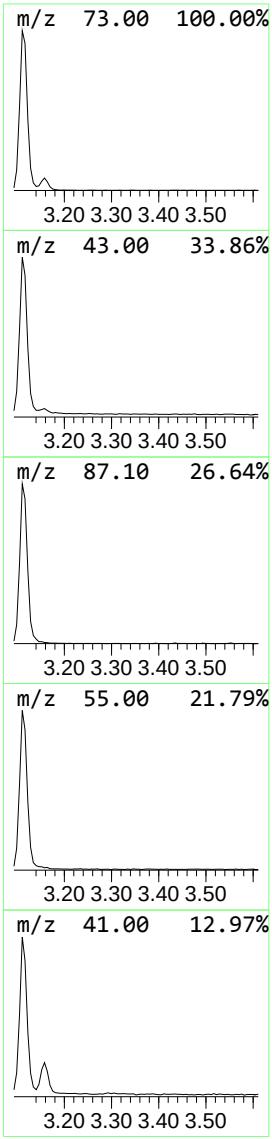
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.111	15.54 ng	1050110	1,4-Dichlorobenzene-d4	7.987

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

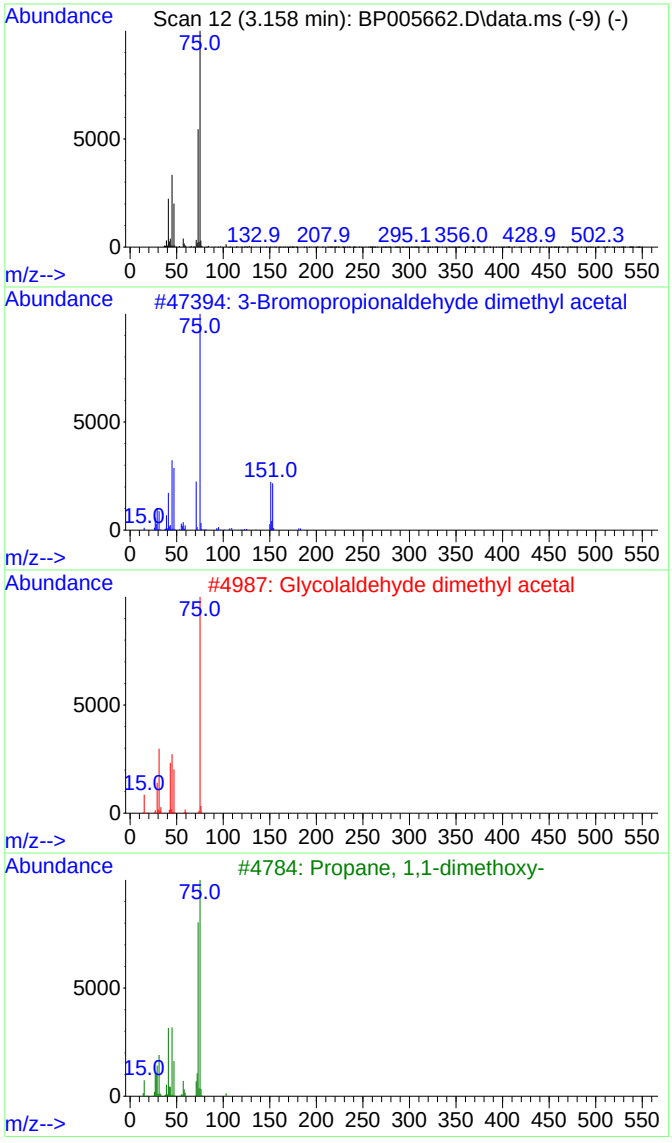
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

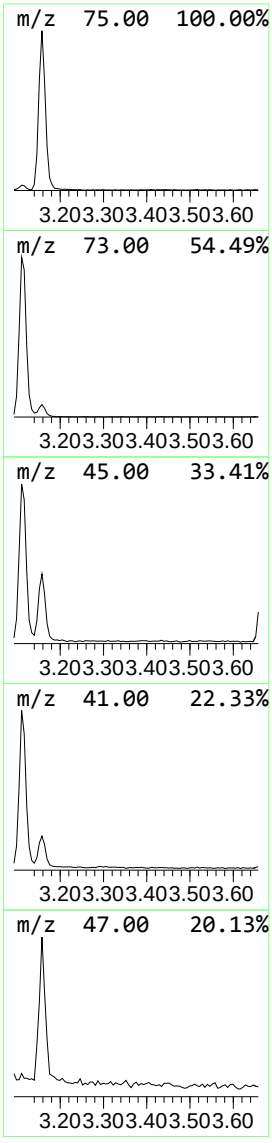
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Bromopropionaldehyde dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	2.74 ng	185461	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	78
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	56
3	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	40
4	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	39
5	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	38





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Acq On : 01 Jun 2021 18:45
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Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

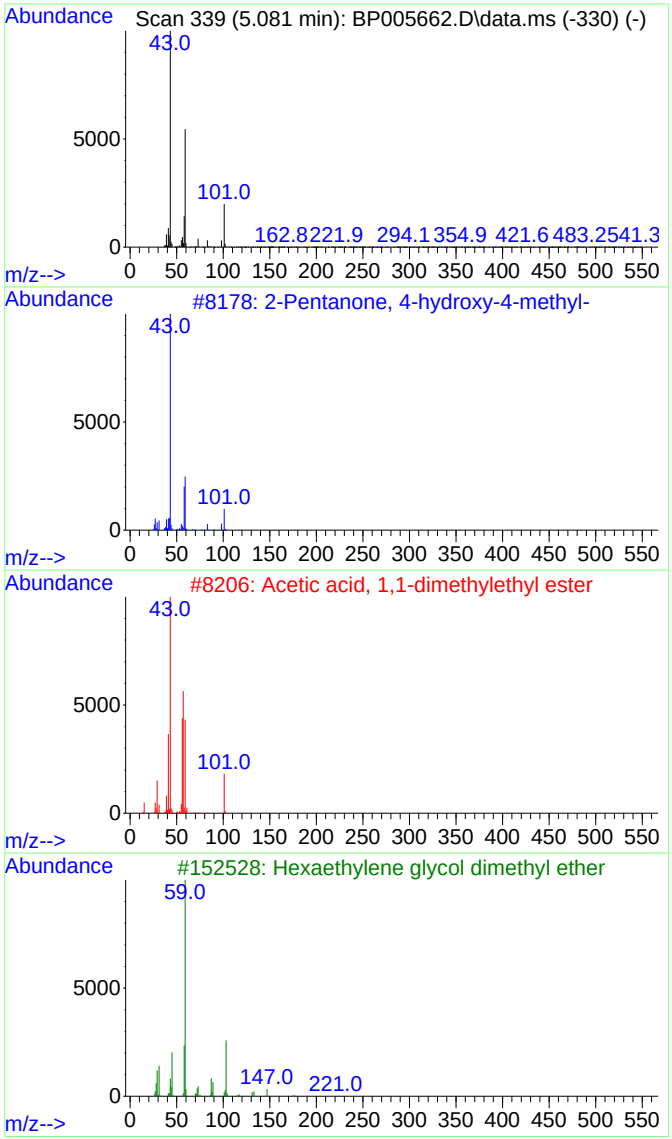
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

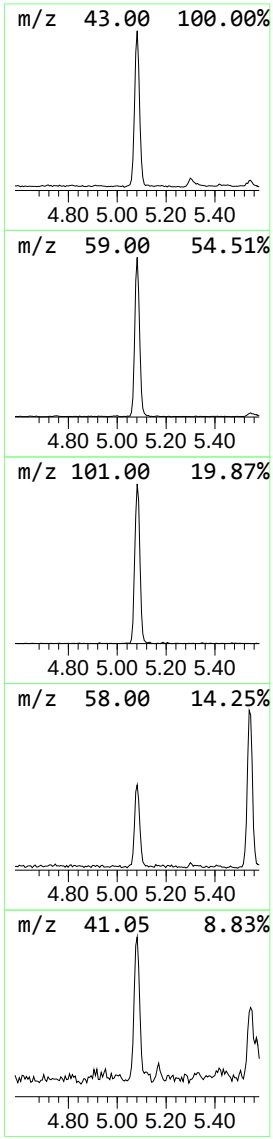
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	4.20 ng	284119	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
5	Hexanamide	115	C6H13NO	000628-02-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
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Sample : M2565-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

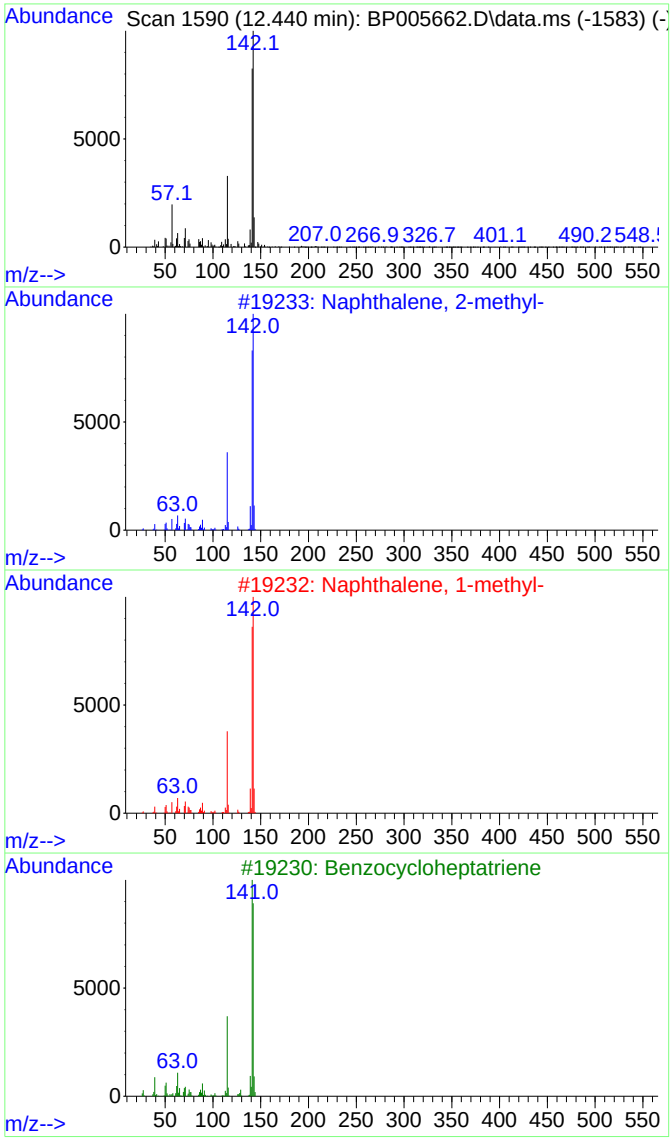
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

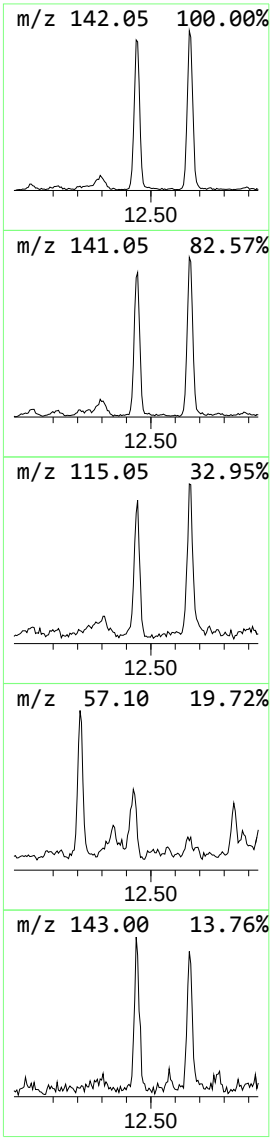
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.440	2.49 ng	224591	Naphthalene-d8	10.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzeneacetonitrile, 2-cyano-	142	C9H6N2	003759-28-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

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

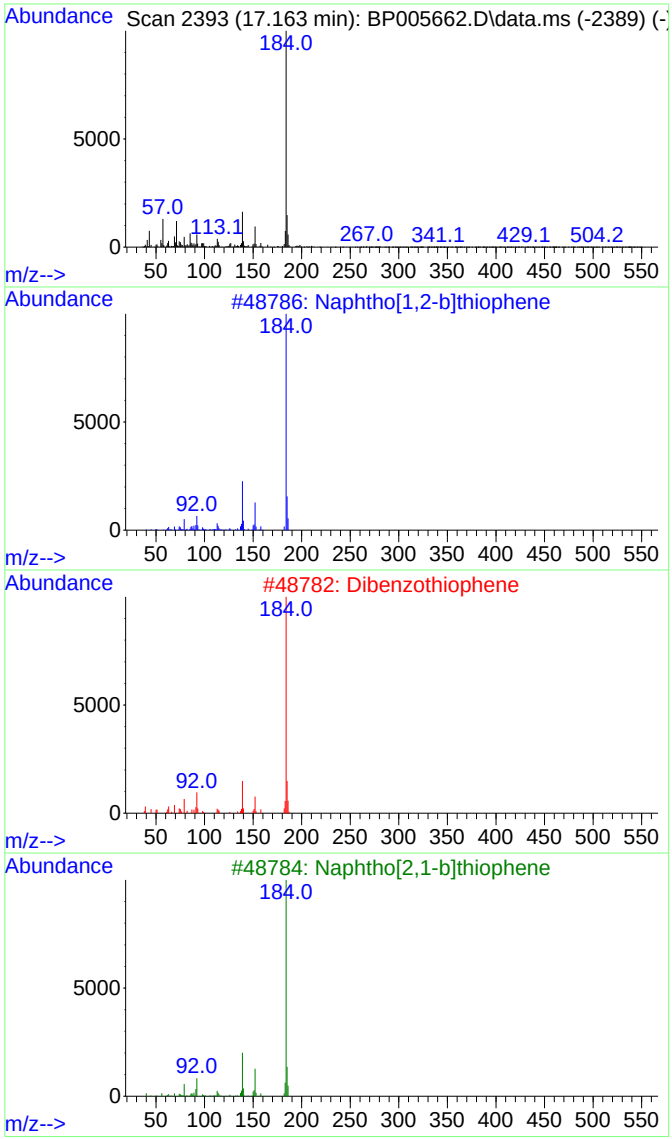
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

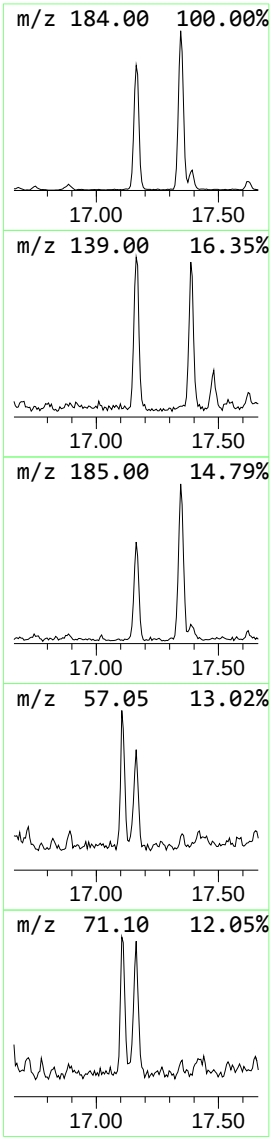
****

Peak Number 5 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	3.13 ng	405617	Phenanthrene-d10	17.345

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	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

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

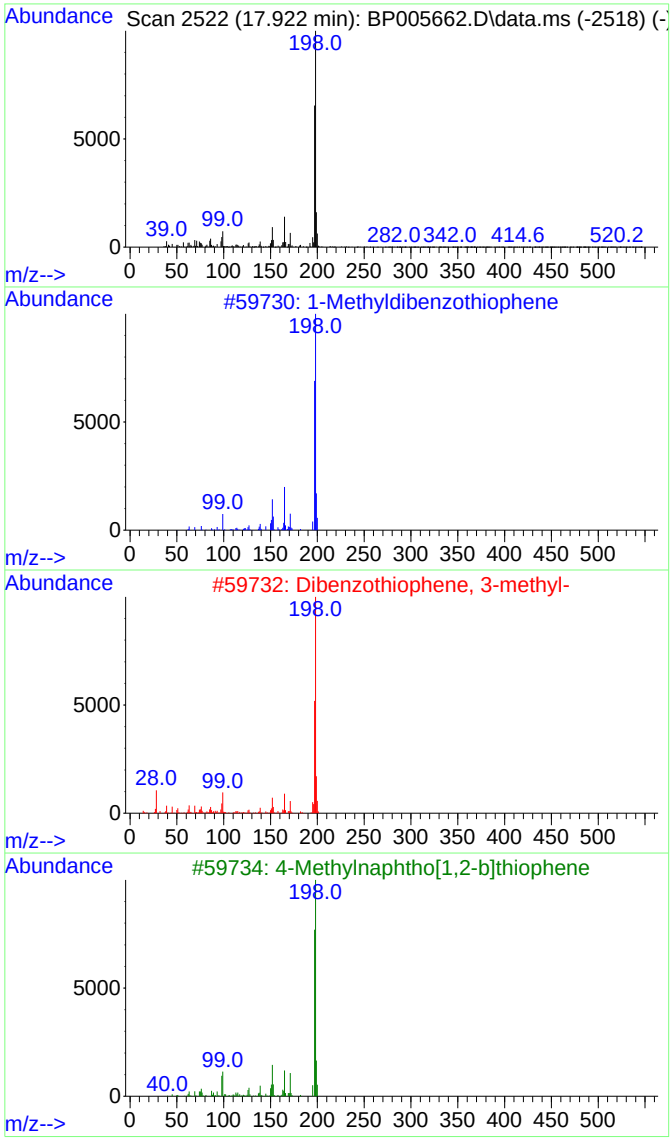
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

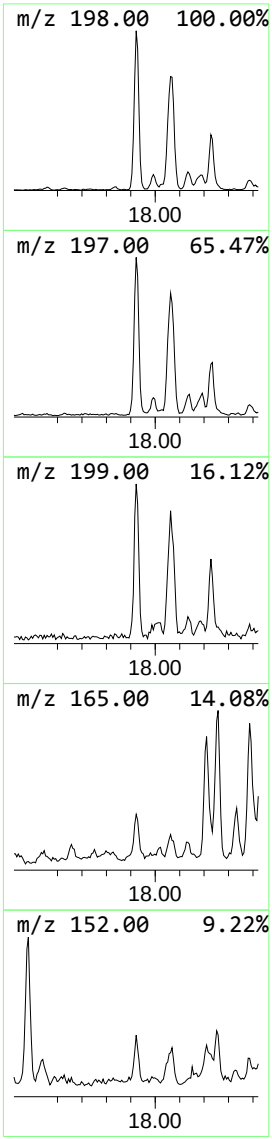
****

Peak Number 6 1-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	2.42 ng	313484	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	80





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Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

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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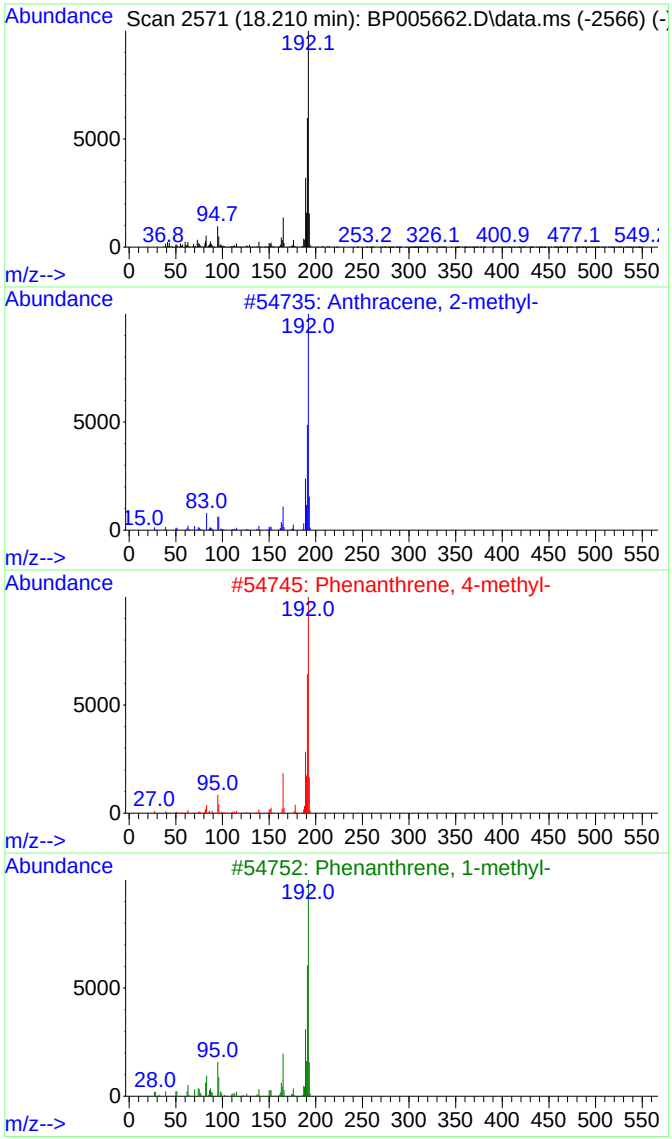
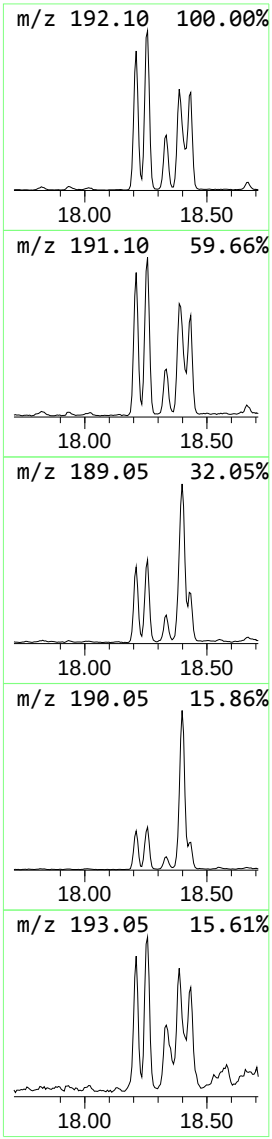
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	10.17 ng	1317580	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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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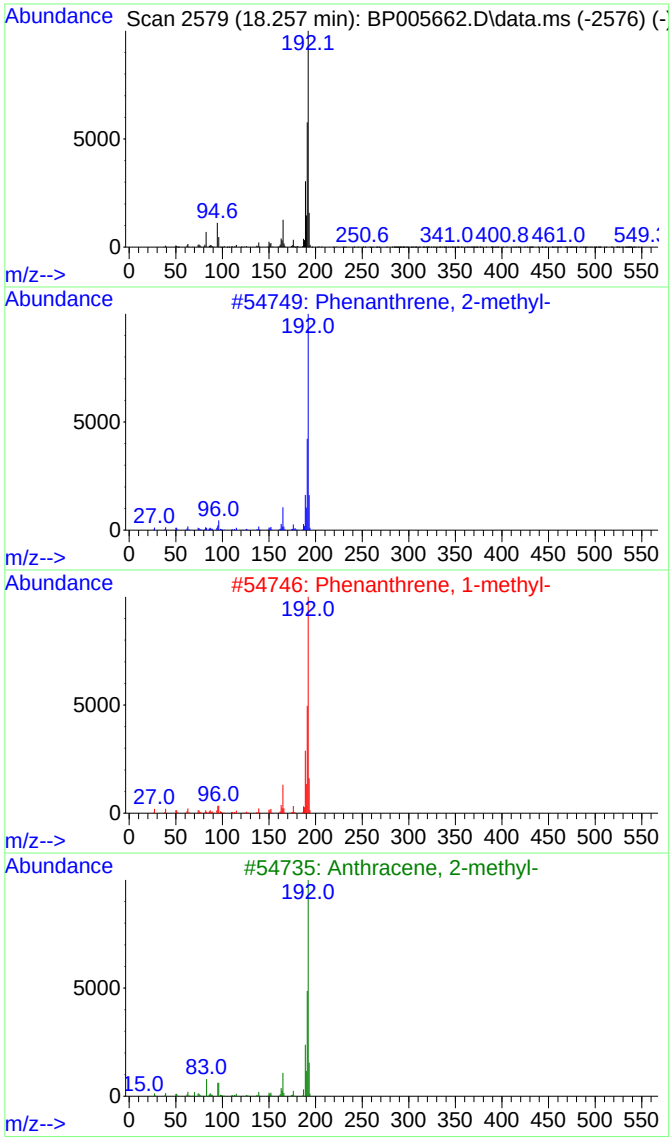
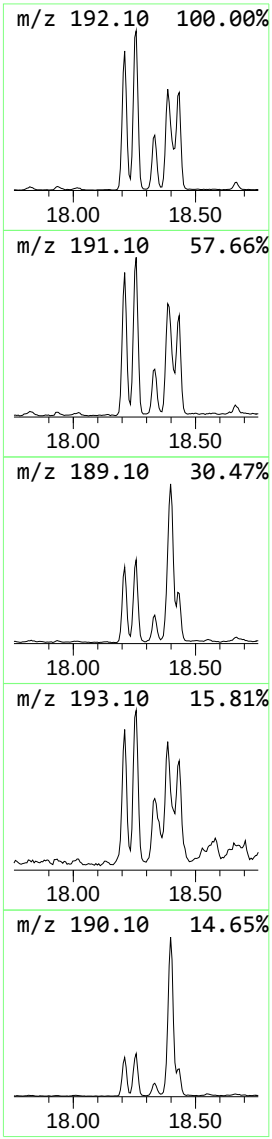
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	7.25 ng	939221	Phenanthrene-d10	17.345

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

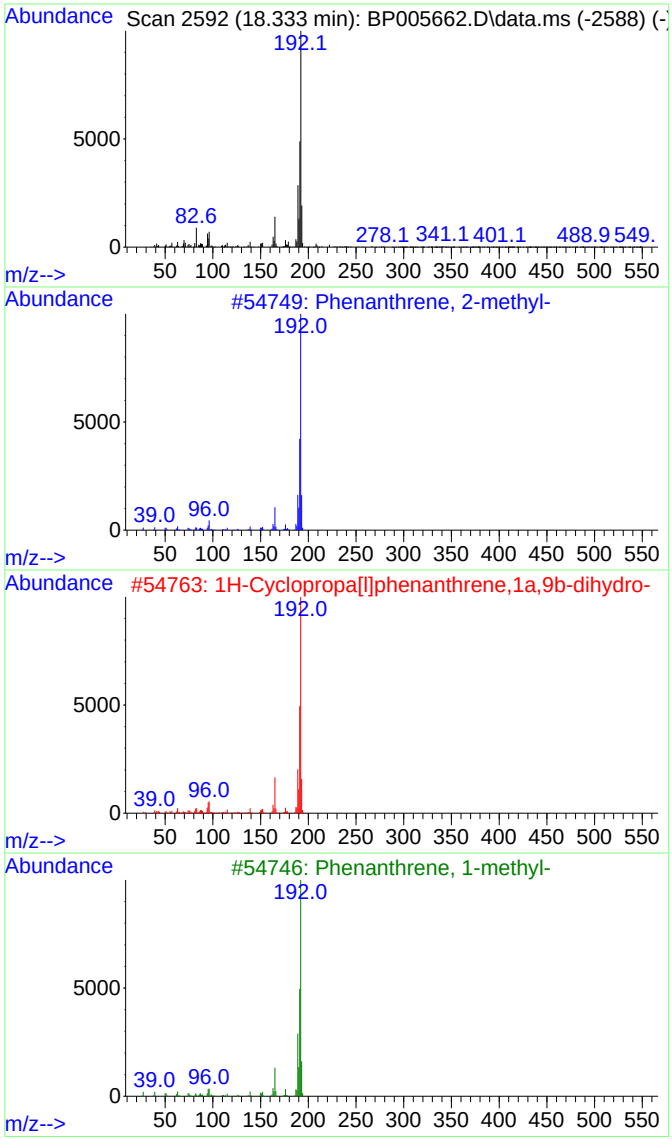
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

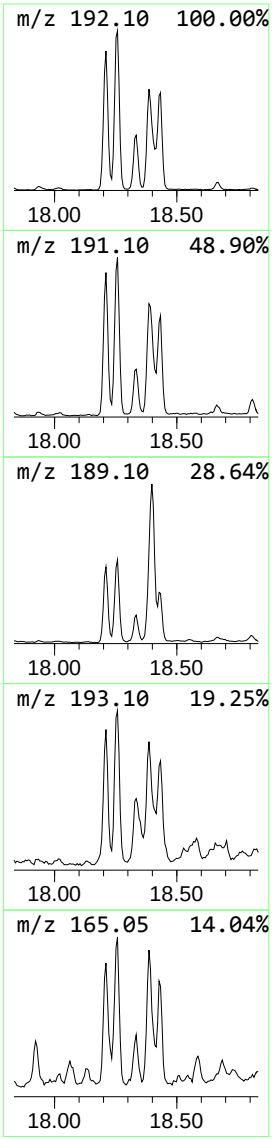
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	2.44 ng	315642	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

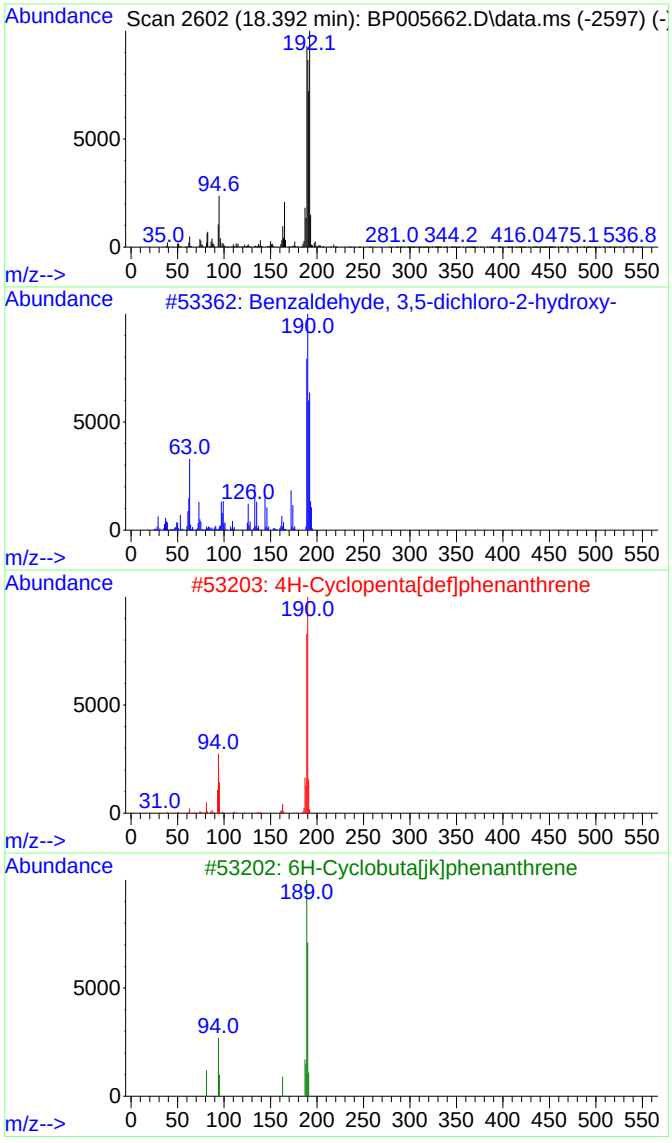
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

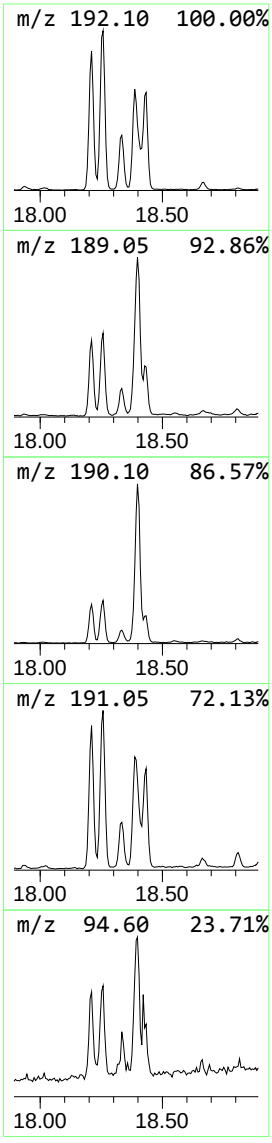
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	9.66 ng	1251230	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Sample : M2565-01
Misc :
ALS Vial : 11 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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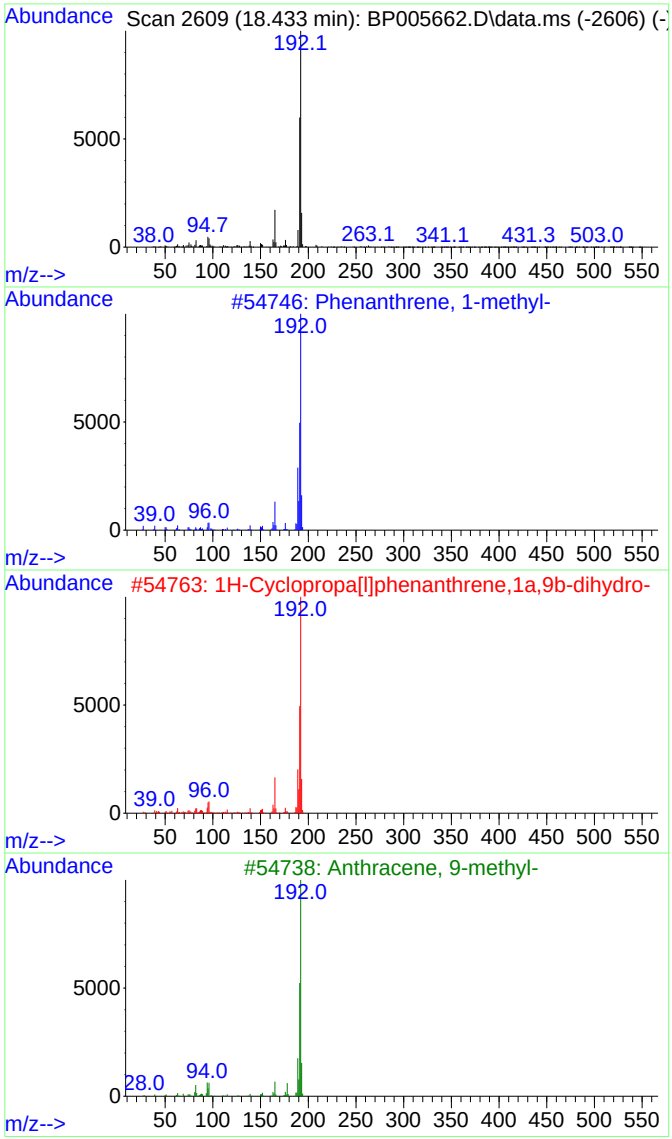
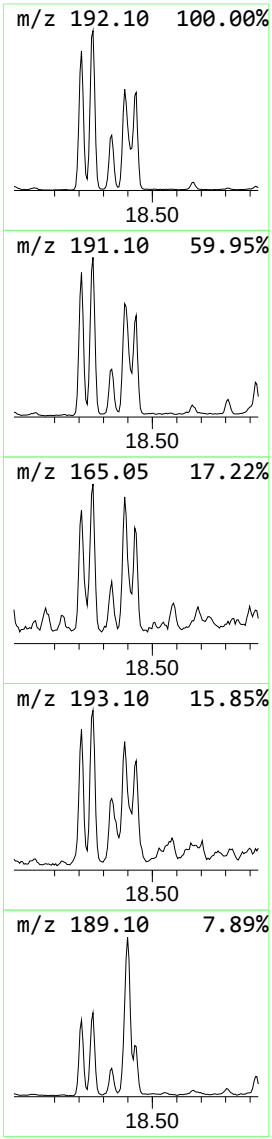
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	4.20 ng	544533	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 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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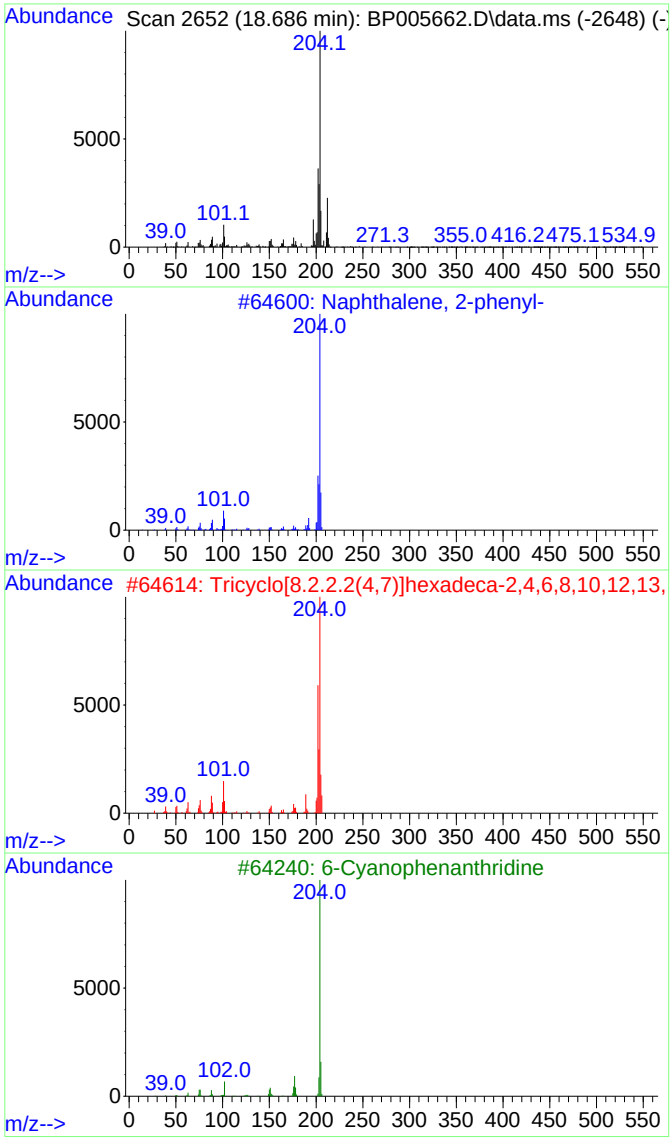
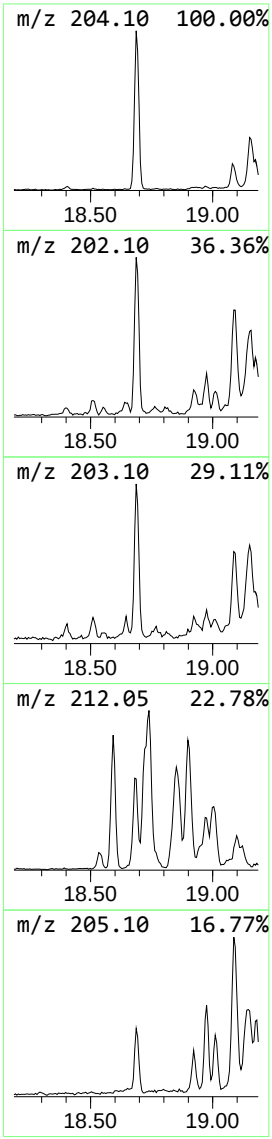
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	2.91 ng	377253	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	46





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Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-052821

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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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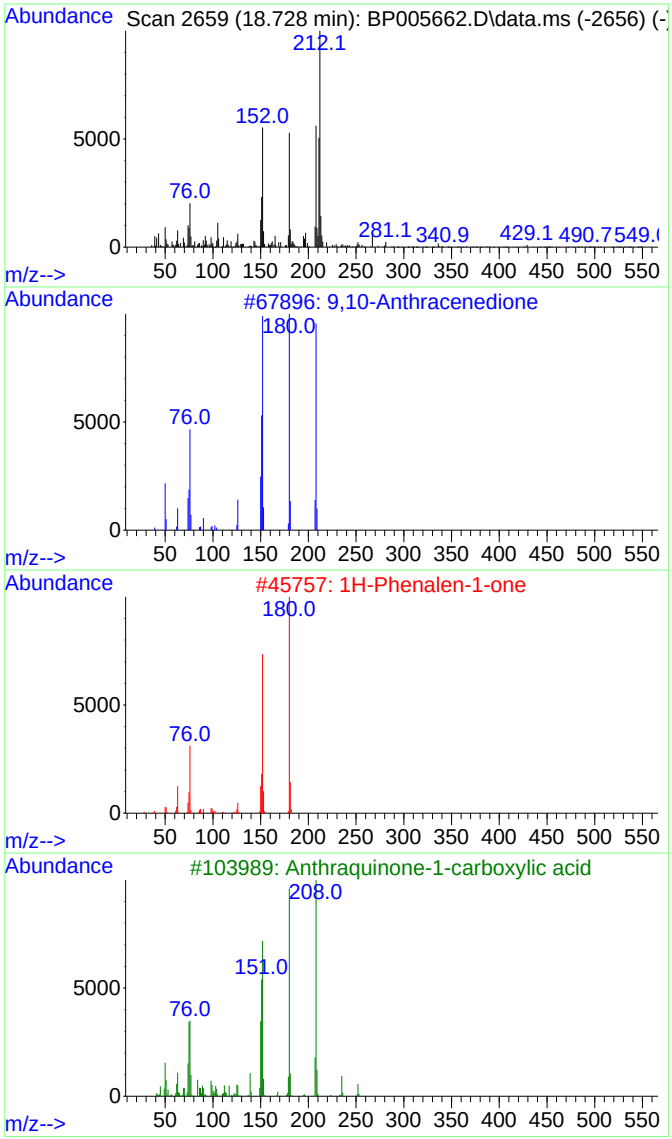
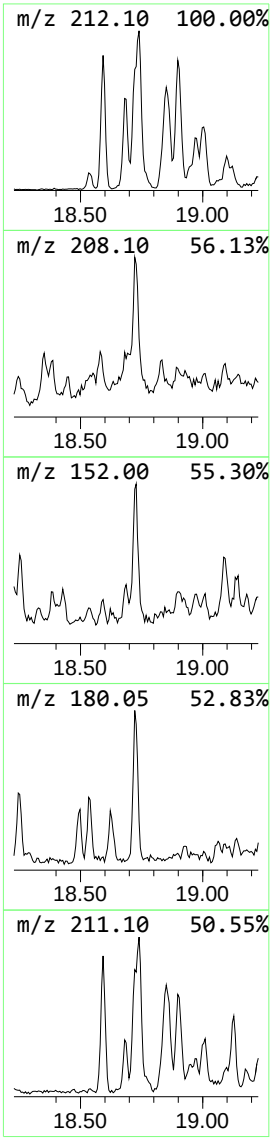
Peak Number 13 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	2.71 ng	350876	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
3	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	41
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	38
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	38





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Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-052821

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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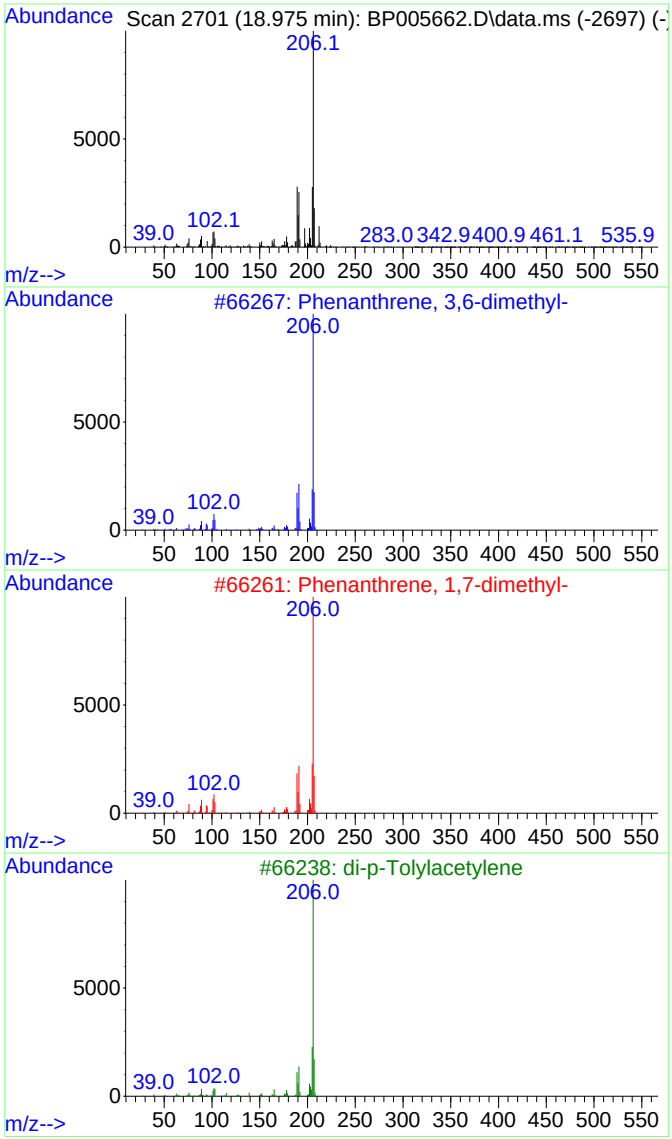
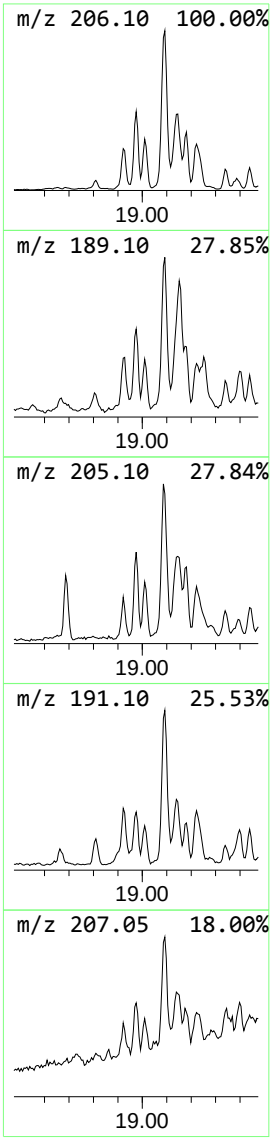
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	3.29 ng	426781	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	74
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-052821

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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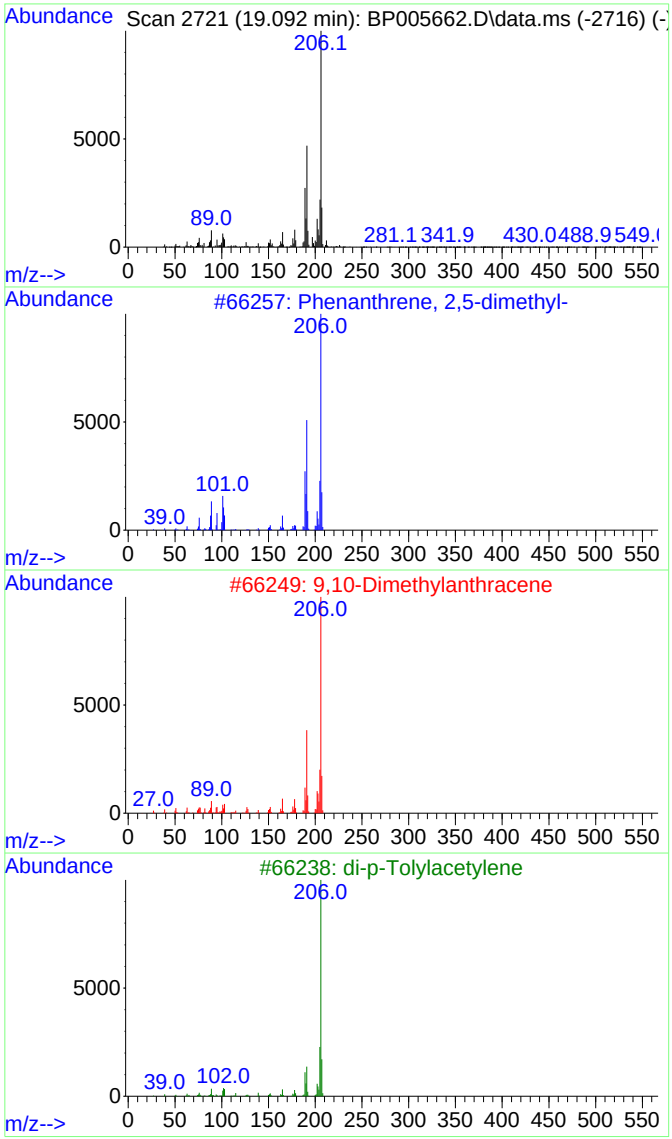
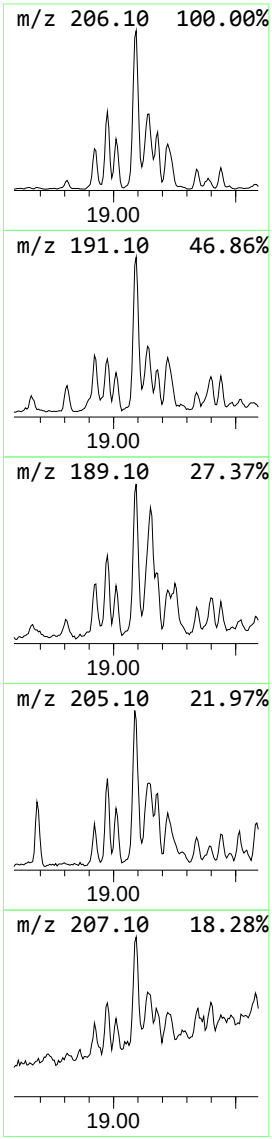
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	9.47 ng	1226250	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

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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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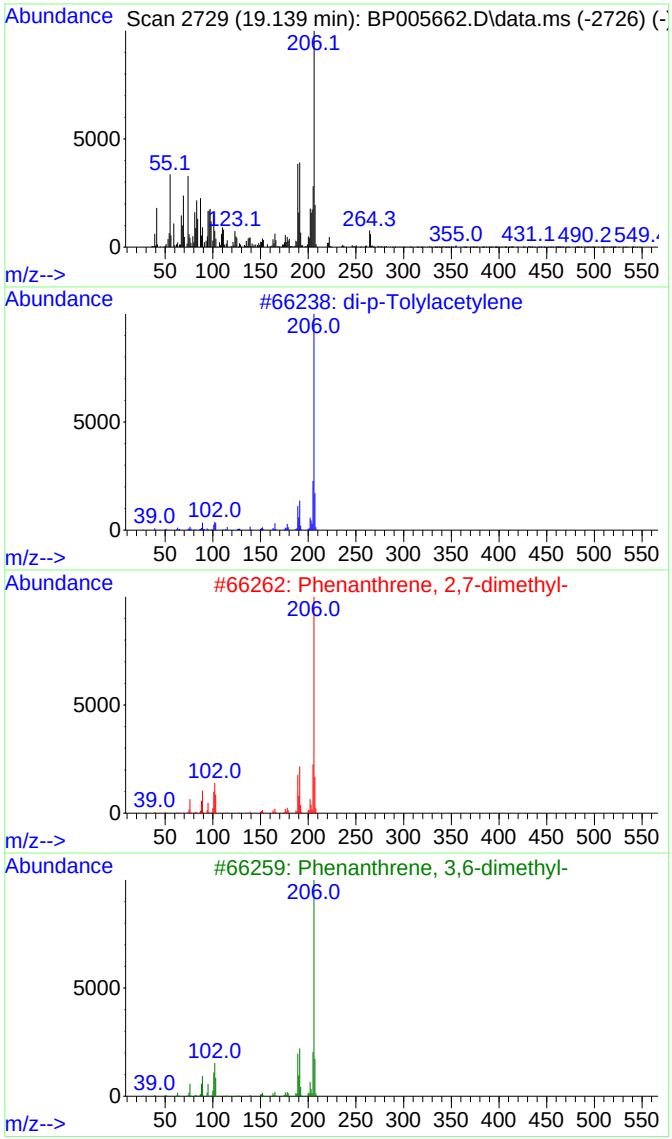
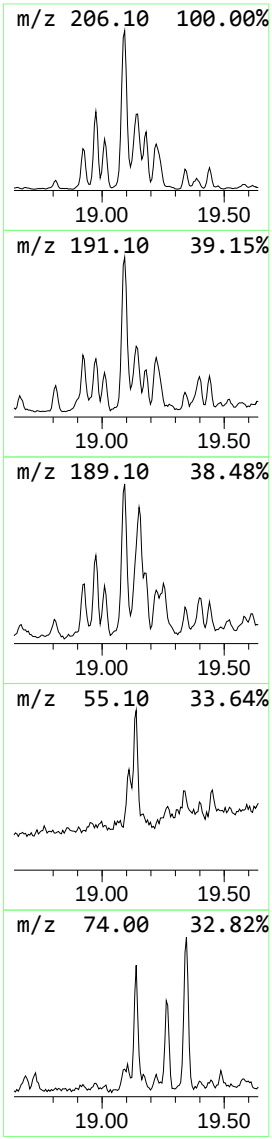
Peak Number 16 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	4.58 ng	592920	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70





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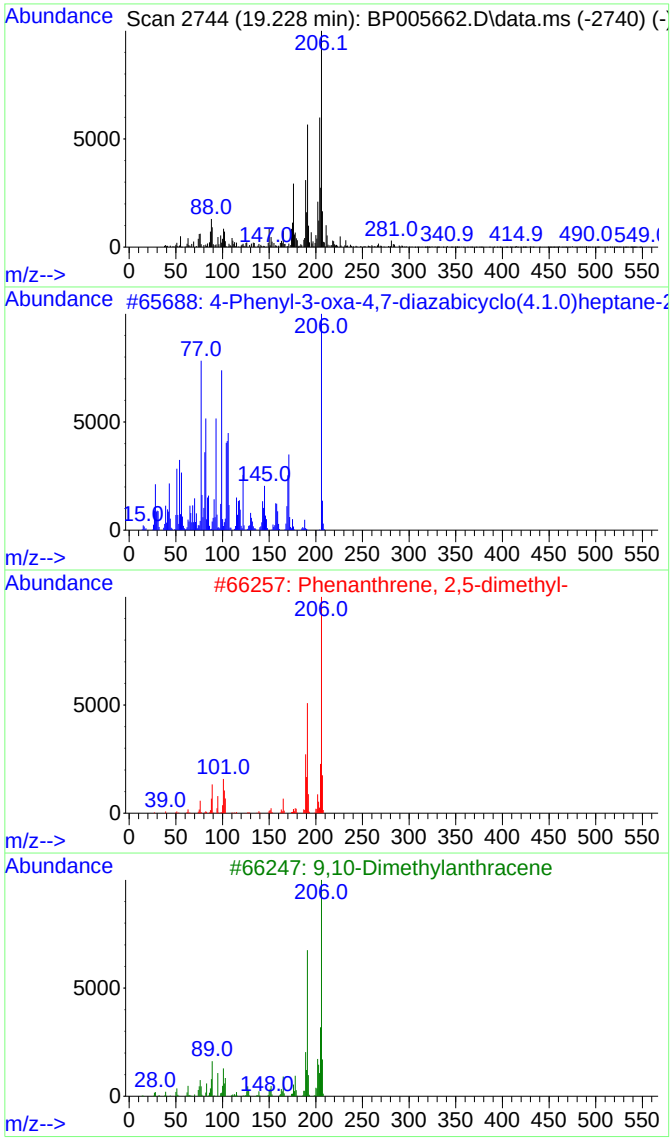
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

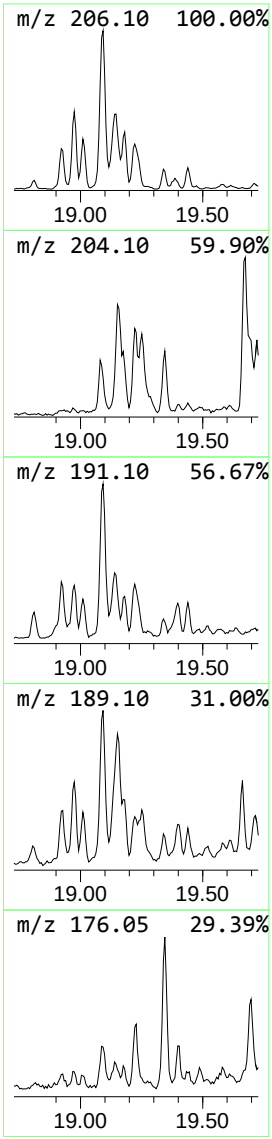
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Phenyl-3-oxa-4,7-diazabic... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	3.00 ng	388435	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenyl-3-oxa-4,7-diazabicyclo(...	206	C11H14N2O2	021044-93-9	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60





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Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

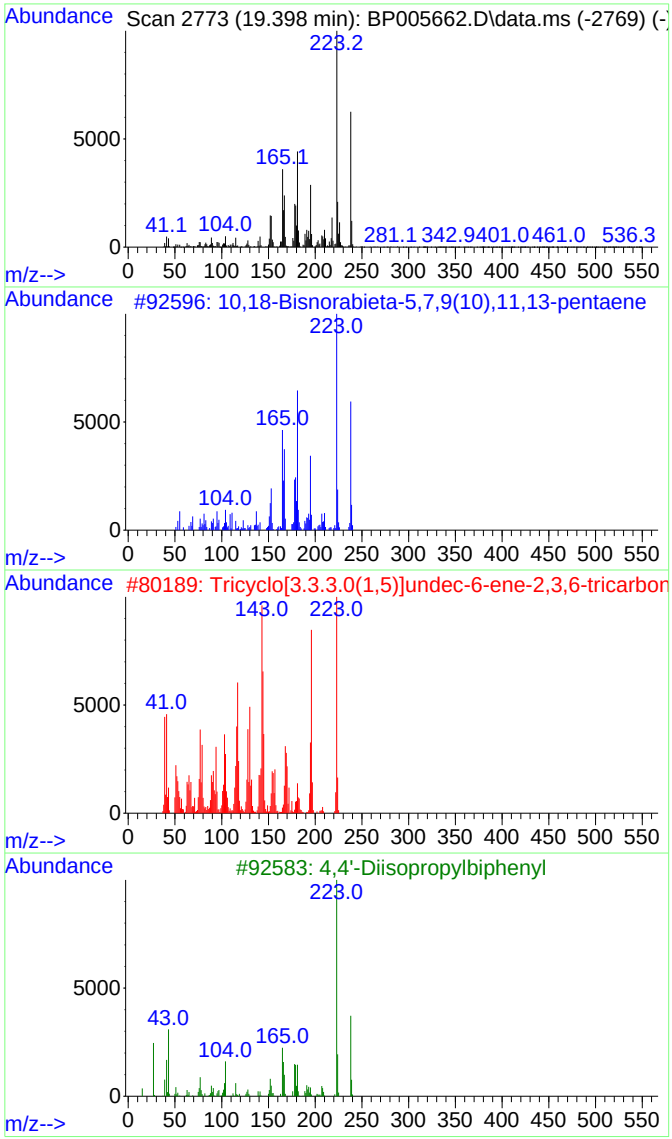
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

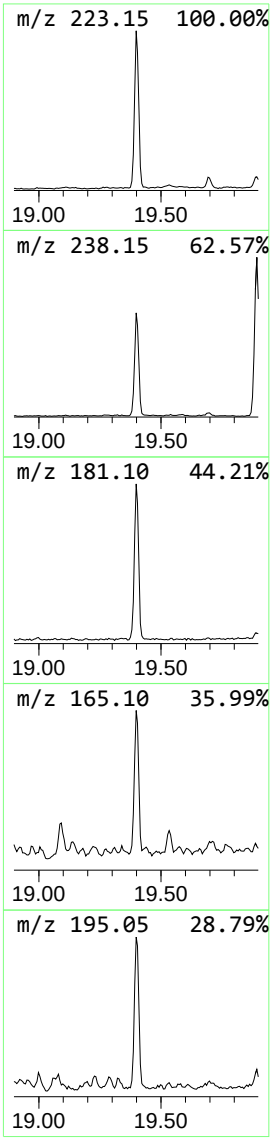
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	4.11 ng	1126000	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	74
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	55
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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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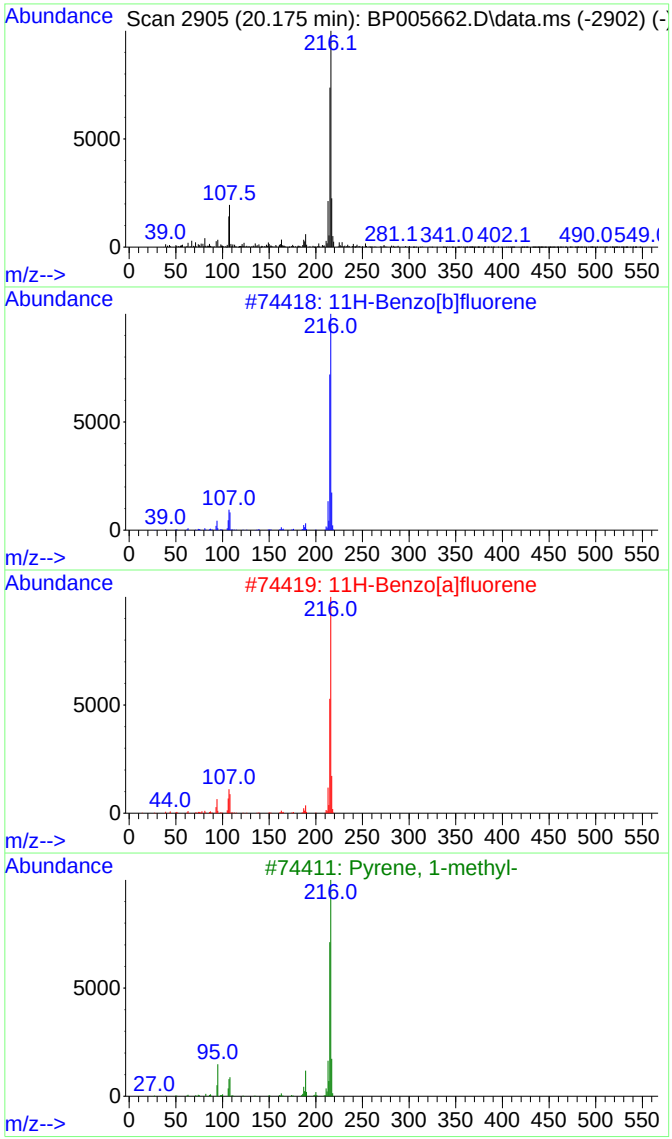
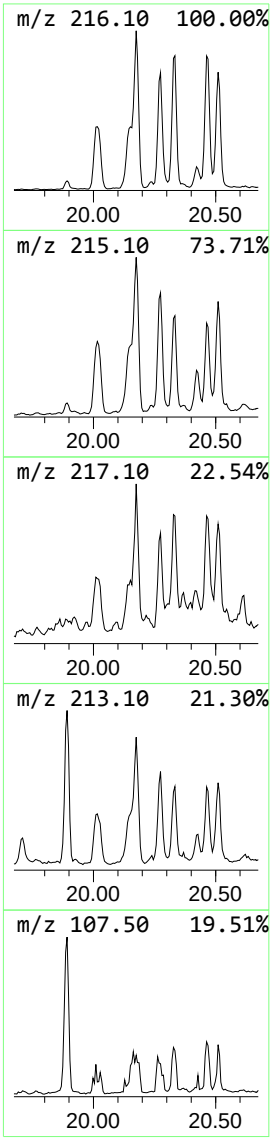
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.175	3.24 ng	886772	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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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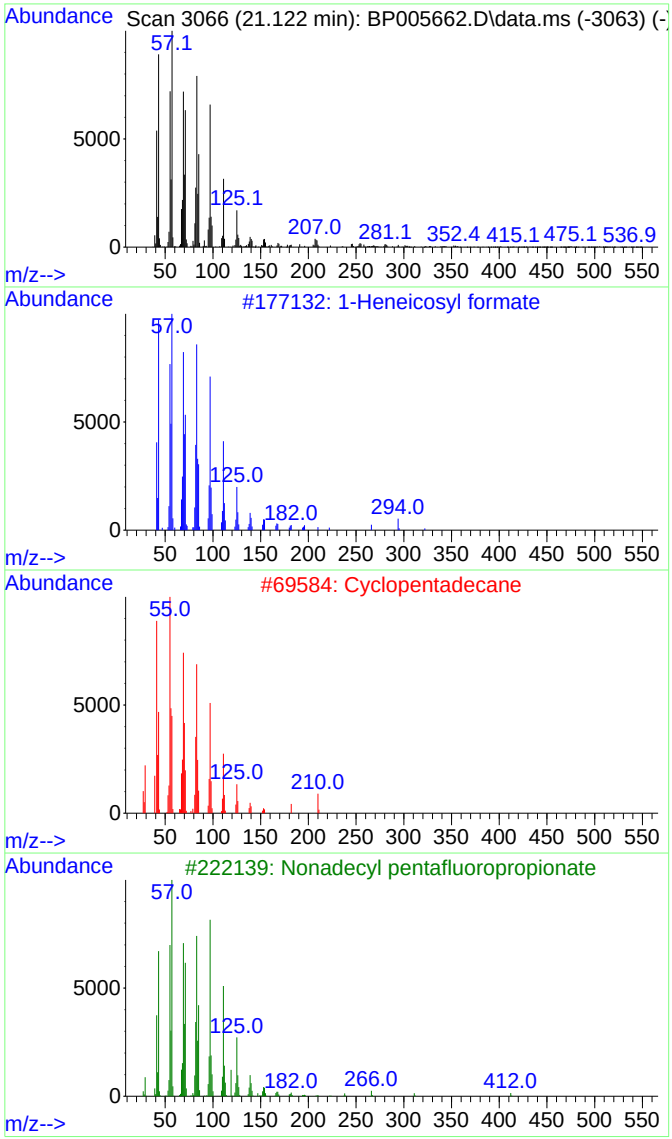
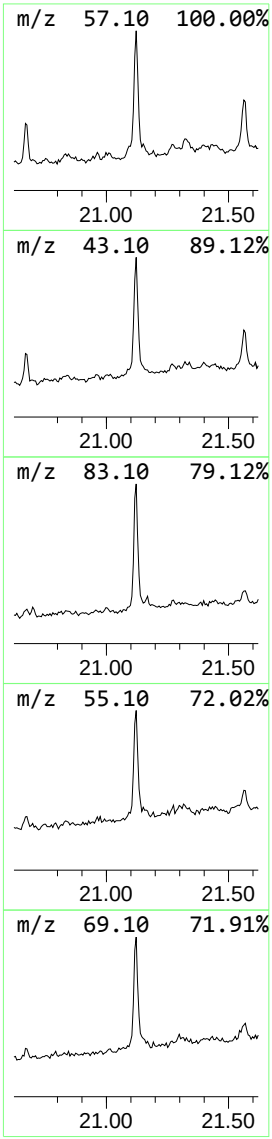
Peak Number 20 1-Heneicosyl formate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	3.78 ng	1035060	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5	Cyclooctacosane	392	C28H56	000297-24-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-052821

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
Butane, 2-metho...	3.111	15.5	ng	1050110	1	7.987	1351560	20.0
3-Bromopropiona...	3.158	2.7	ng	185461	1	7.987	1351560	20.0
2-Pentanone, 4-...	5.081	4.2	ng	284119	1	7.987	1351560	20.0
Naphthalene, 2-...	12.440	2.5	ng	224591	2	10.793	1800550	20.0
Naphtho[1,2-b]t...	17.163	3.1	ng	405617	4	17.345	2590540	20.0
1-Methyldibenzo...	17.922	2.4	ng	313484	4	17.345	2590540	20.0
Anthracene, 2-m...	18.210	10.2	ng	1317580	4	17.345	2590540	20.0
Phenanthrene, 2...	18.257	7.3	ng	939221	4	17.345	2590540	20.0
1H-Cyclopropa[l...	18.334	2.4	ng	315642	4	17.345	2590540	20.0
Benzaldehyde, 3...	18.392	9.7	ng	1251230	4	17.345	2590540	20.0
Phenanthrene, 1...	18.433	4.2	ng	544533	4	17.345	2590540	20.0
Naphthalene, 2-...	18.686	2.9	ng	377253	4	17.345	2590540	20.0
9,10-Anthracene...	18.728	2.7	ng	350876	4	17.345	2590540	20.0
Phenanthrene, 3...	18.975	3.3	ng	426781	4	17.345	2590540	20.0
Phenanthrene, 2...	19.092	9.5	ng	1226250	4	17.345	2590540	20.0
di-p-Tolylacety...	19.139	4.6	ng	592920	4	17.345	2590540	20.0
4-Phenyl-3-oxa-...	19.227	3.0	ng	388435	4	17.345	2590540	20.0
10,18-Bisnorabi...	19.398	4.1	ng	1126000	5	21.416	5482040	20.0
11H-Benzo[b]flu...	20.175	3.2	ng	886772	5	21.416	5482040	20.0
1-Heneicosyl fo...	21.122	3.8	ng	1035060	5	21.416	5482040	20.0