LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-I

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	319	325	337	rBV	1996321	3173296	17.08%	2.551%
2	5.370	397	405	423	rBV	657950	1280045	6.89%	1.029%
3	6.269	550	558	572	rBV	463523	820951	4.42%	0.660%
4	6.952	663	674	690	rBV	1996409	3779425	20.34%	3.039%
5	7.758	803	811	820	rBV	801627	1445863	7.78%	1.162%
6	8.916	1001	1008	1018	rBV	2116958	3965769	21.34%	3.188%
7	10.346	1244	1251	1277	rBV	894039	2149979	11.57%	1.729%
8	10.552	1279	1286	1291	rVV	1148092	2166230	11.66%	1.742%
9	10.605	1291	1295	1305	rVB	309871	647728	3.49%	0.521%
10	11.993	1525	1531	1541	rVB	153017	248579	1.34%	0.200%
11	12.222	1563	1570	1578	rVB	326478	582699	3.14%	0.468%
12	12.440	1601	1607	1613	rBV	197813	356947	1.92%	0.287%
13	13.028	1699	1707	1726	rBV	6127769	9715013	52.28%	7.811%
14	13.240	1738	1743	1751	rVB	270845	425921	2.29%	0.342%
15	13.575	1793	1800	1809	rBV3	111768	343269	1.85%	0.276%
16	13.728	1821	1826	1831	rBV	173120	308202	1.66%	0.248%
17	13.963	1860	1866	1870	rBV3	87364	189110	1.02%	0.152%
18	14.322	1921	1927	1932	rBV	272536	398807	2.15%	0.321%
19	14.404	1933	1941	1948	rVV	1714942	2929939	15.77%	2.356%
20	14.469	1948	1952	1962	rVB	395911	691414	3.72%	0.556%
21	14.810	2005	2010	2017	rVB	271543	488718	2.63%	0.393%
22	15.275	2086	2089	2094	rVB	245395	316587	1.70%	0.255%
23	15.463	2116	2121	2126	rVB	407777	596878	3.21%	0.480%
24	15.687	2155	2159	2168	rVV4	125581	258536	1.39%	0.208%
25	15.757	2169	2171	2180	rVB4	106843	229368	1.23%	0.184%
26	15.910	2191	2197	2204	rBV	880296	1530218	8.23%	1.230%
27	16.145	2232	2237	2246	rBV	367270	791366	4.26%	0.636%
28	16.828	2349	2353	2361	rVB	149063	231530	1.25%	0.186%
29	16.945	2369	2373	2377	rBV	263115	335570	1.81%	0.270%
30	16.992	2377	2381	2389	rVB2	347085	608571	3.27%	0.489%
31	17.175	2406	2412	2415	rBV	1967093	3248626	17.48%	2.612%
32	17.216	2415	2419	2426	rVV	3395929	5277141	28.40%	4.243%
33	17.304	2430	2434	2441	rVB	748271	1199388	6.45%	0.964%
34	17.557	2473	2477	2478	rBV2	158447	190710	1.03%	0.153%
35	17.587	2479	2482	2490	rVB	251900	458277	2.47%	0.368%
36	17.692	2496	2500	2505	rBV2	297223	390999	2.10%	0.314%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-I

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.763	2508	2512	2519	rVB3	128592	232979	1.25%	0.187%
38	18.045	2556	2560	2564	rBV	490692	752195	4.05%	0.605%
39	18.092	2564	2568	2574	rVB	656654	996467	5.36%	0.801%
40	18.175	2579	2582	2586	rVV	173297	269815	1.45%	0.217%
41	18.234	2587	2592	2596	rVV2	661901	1251640	6.74%	1.006%
42	18.275	2596	2599	2604	rVB	355979	501653	2.70%	0.403%
43	18.363	2611	2614	2623	rVB	249550	371542	2.00%	0.299%
44	18.534	2639	2643	2647	rBV	333059	459283	2.47%	0.369%
45	18.581	2647	2651	2653	rBV2	244564	370533	1.99%	0.298%
46	18.939	2707	2712	2716	rBV3	344129	673070	3.62%	0.541%
47	18.981	2716	2719	2726	rVB3	310984	607992	3.27%	0.489%
48	19.081	2733	2736	2741	rBV	164853	249921	1.34%	0.201%
49	19.139	2742	2746	2750	rVB	480603	635961	3.42%	0.511%
50	19.198	2751	2756	2763	rBV	3787177	5219242	28.08%	4.196%
51	19.410	2789	2792	2795	rBV2	214305	266406	1.43%	0.214%
52	19.551	2807	2816	2820	rBV	3768026	6447840	34.70%	5.184%
53	19.751	2845	2850	2856	rBV	10395732	13833752	74.44%	11.122%
54	20.039	2896	2899	2902	rBV	363615	391884	2.11%	0.315%
55	20.139	2913	2916	2920	rVB2	368078	417542	2.25%	0.336%
56	21.016	3062	3065	3071	rVB3	706830	1021494	5.50%	0.821%
57	21.210	3094	3098	3102	rVB	1017366	1271509	6.84%	1.022%
58	21.286	3105	3111	3115	rBV2	3468466	6822854	36.71%	5.485%
59	21.328	3115	3118	3126	rVB	1695356	2244720	12.08%	1.805%
60	21.410	3126	3132	3137	rBV	12828457	18583956	100.00%	14.941%
61	22.957	3391	3395	3400	rBV2	1335751	2583949	13.90%	2.077%
62	23.580	3496	3501	3510	rVB	1347930	2859356	15.39%	2.299%
63	23.686	3514	3519	3525	rVB2	1654627	3273339	17.61%	2.632%

Sum of corrected areas: 124382563

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
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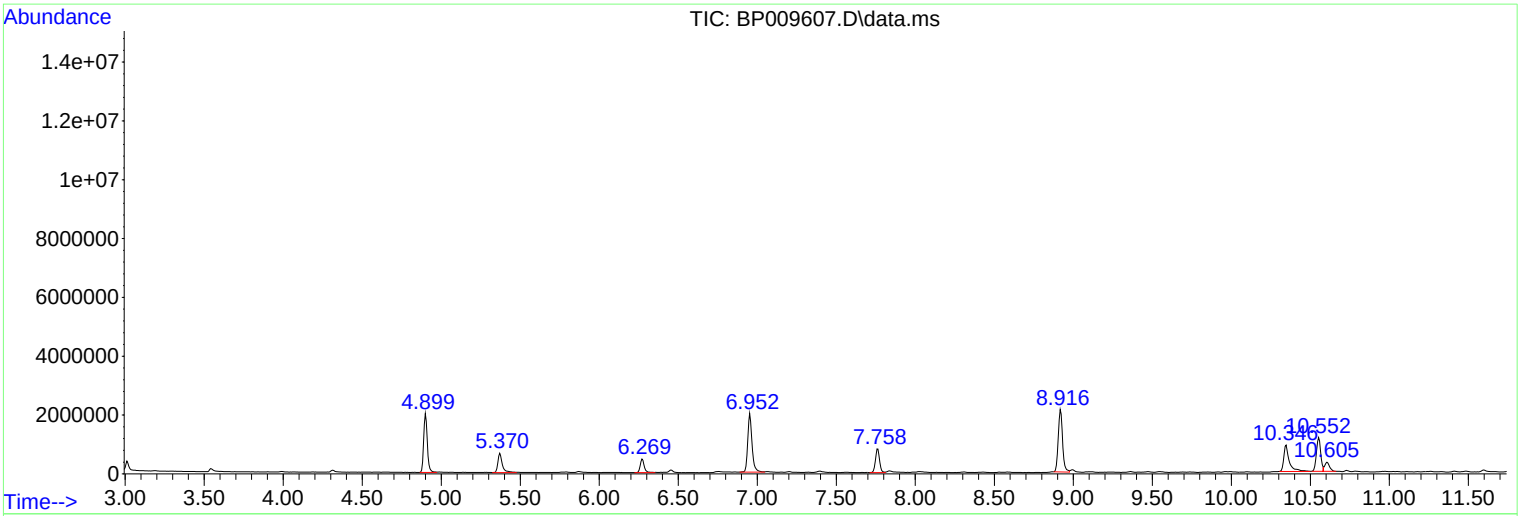
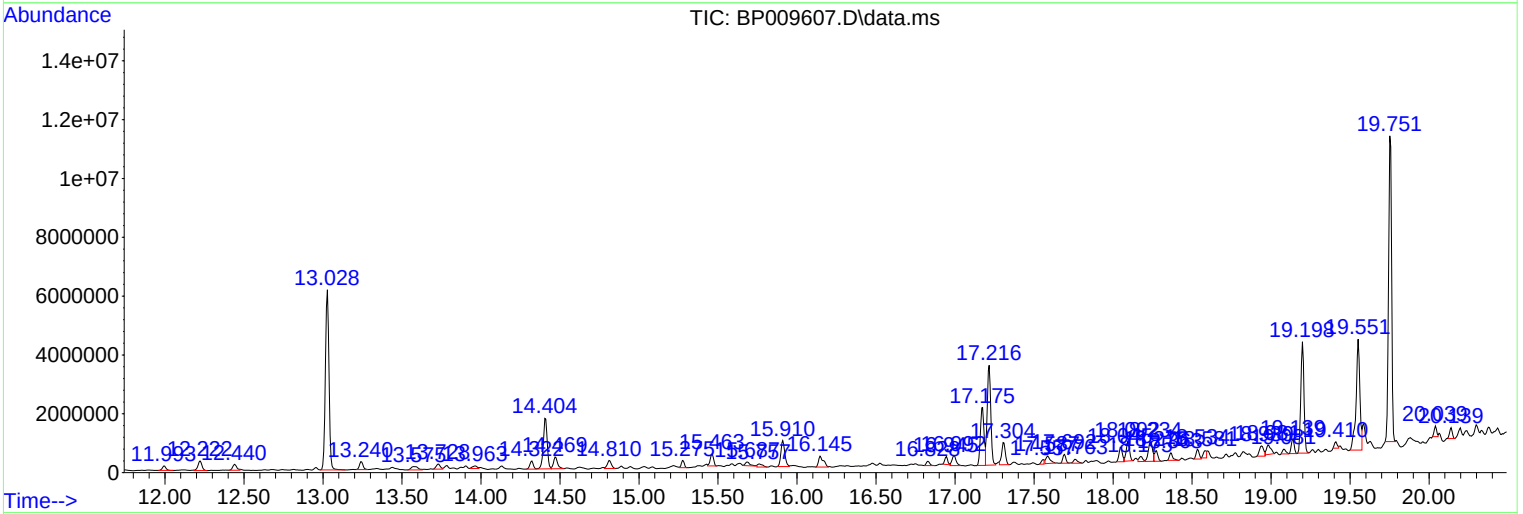
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

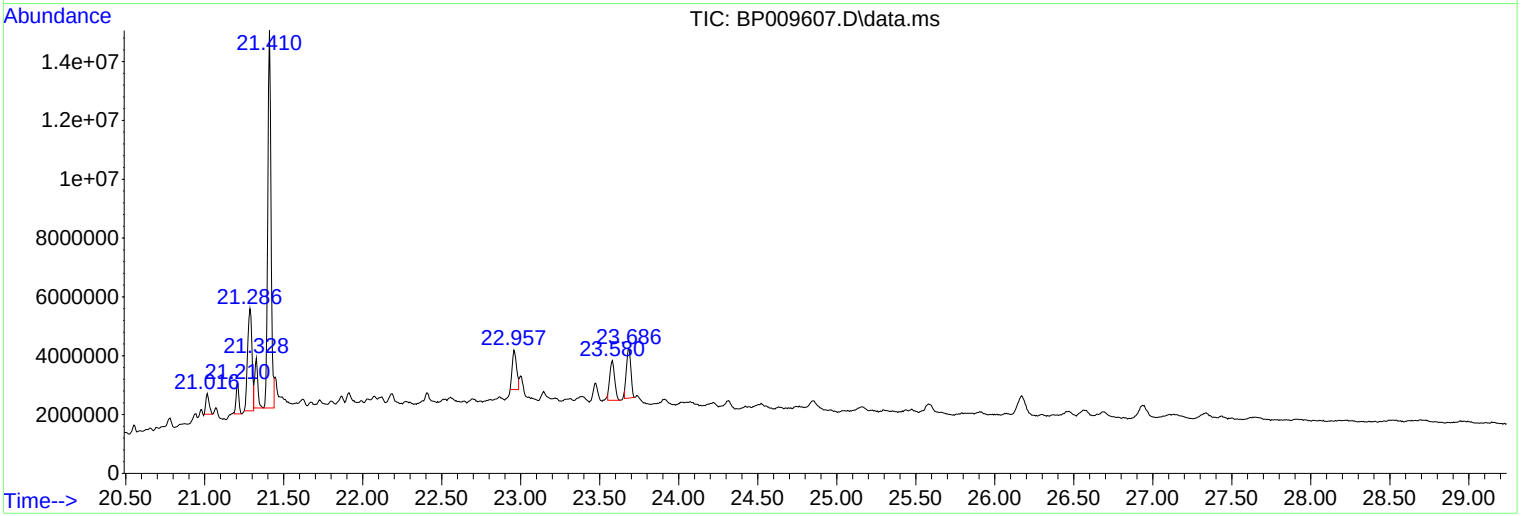
Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032922\
Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
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Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

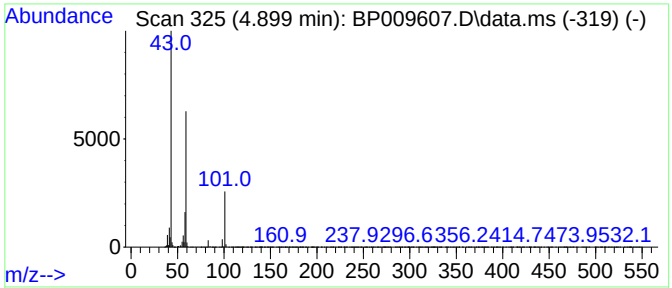
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

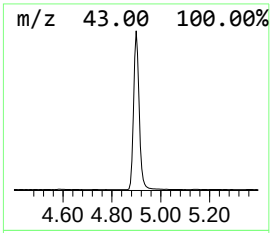
****

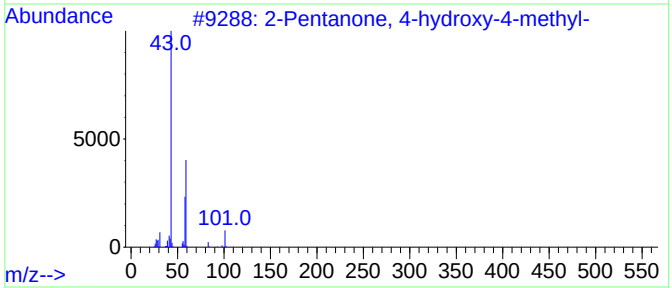
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

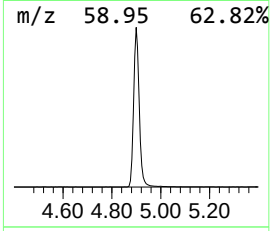
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	43.89 ng	3173300	1,4-Dichlorobenzene-d4	7.764

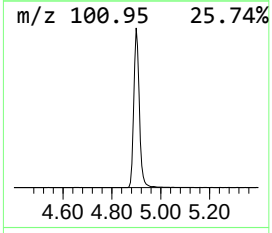
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9

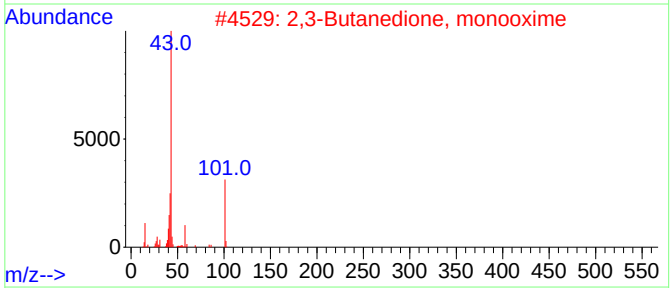


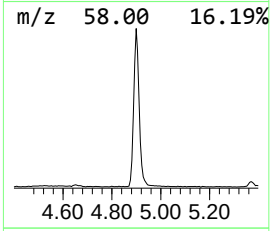


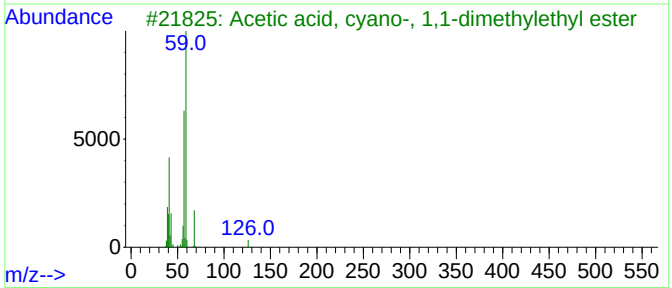


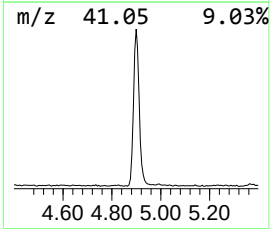












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

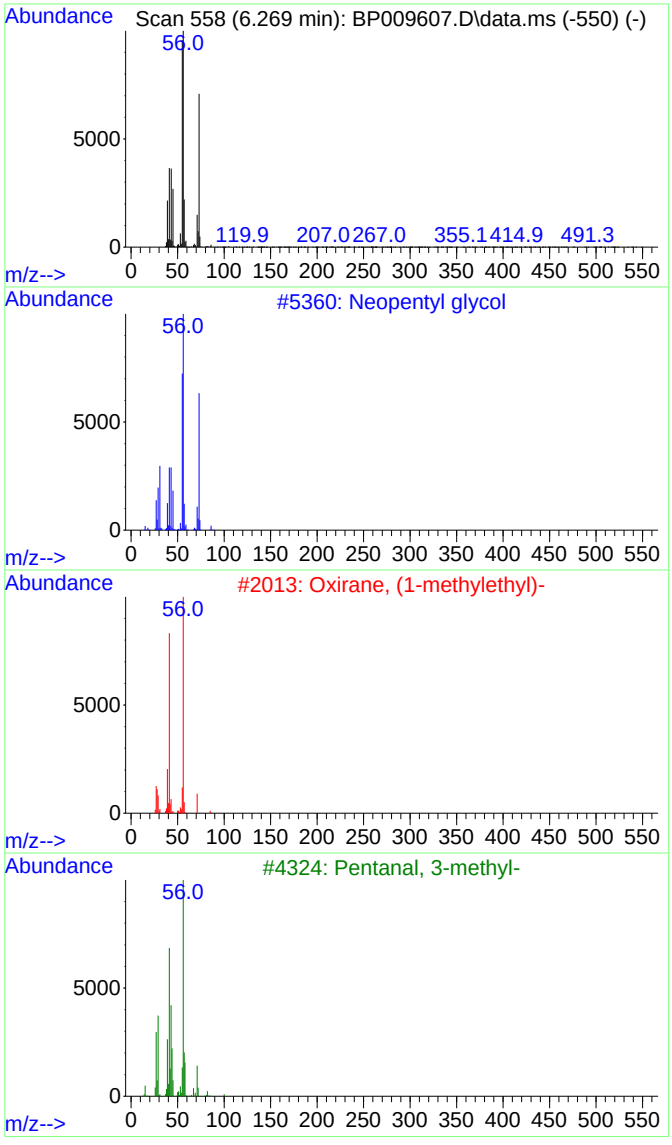
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

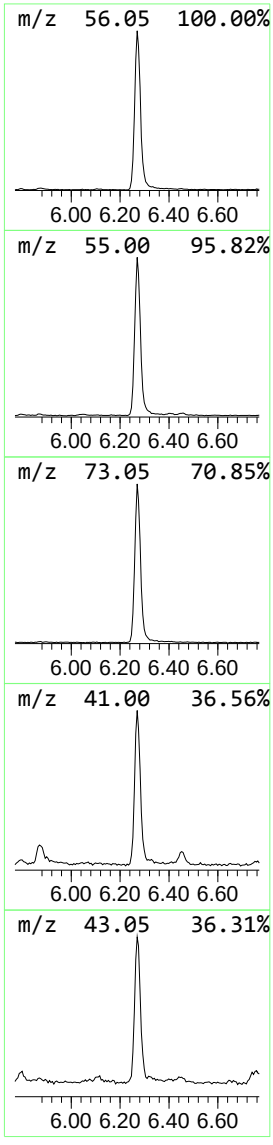
****

Peak Number 2 Neopentyl glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	11.36 ng	820951	1,4-Dichlorobenzene-d4	7.764

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	83
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	40
4	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	38
5	1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009607.D
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Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

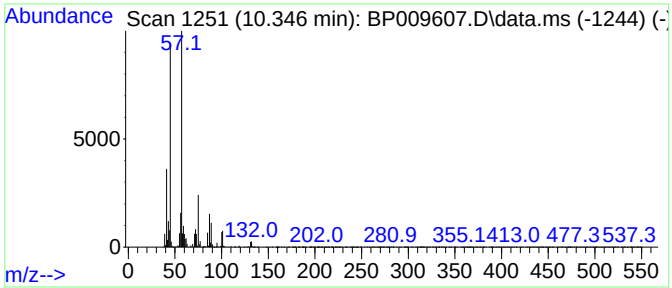
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

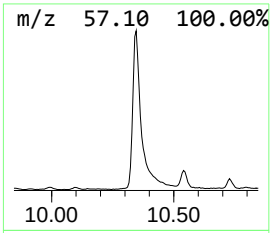
****

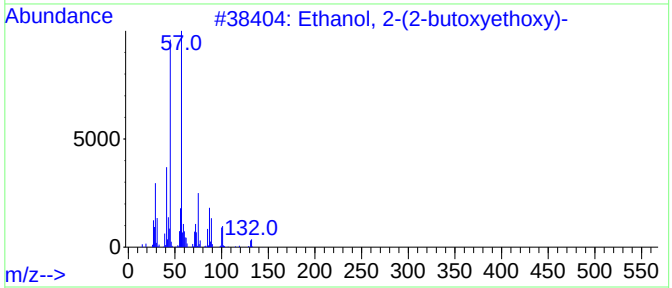
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

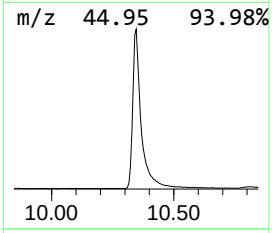
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.346	19.85 ng	2149980	Naphthalene-d8	10.552

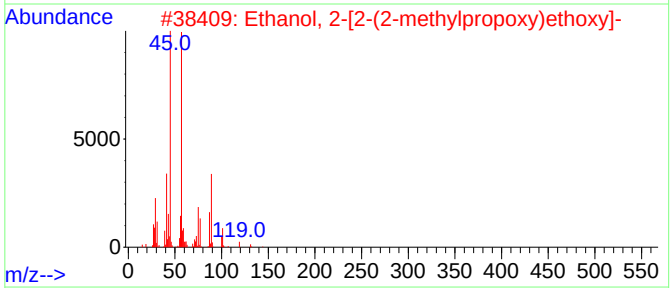
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50

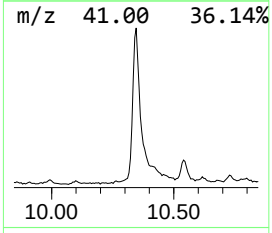


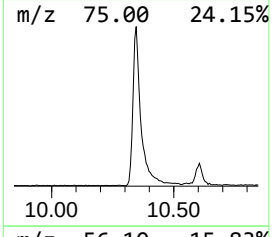


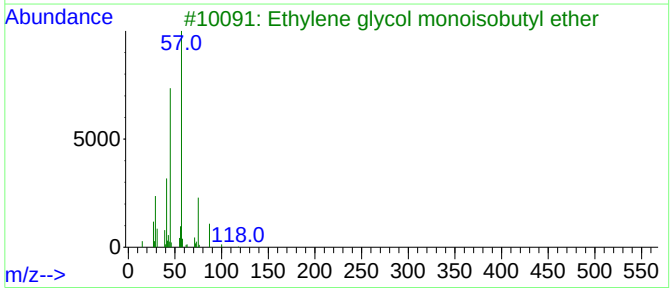


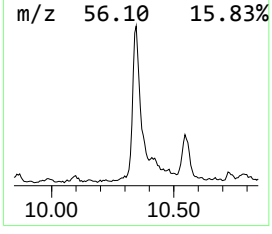












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
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Instrument :
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ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

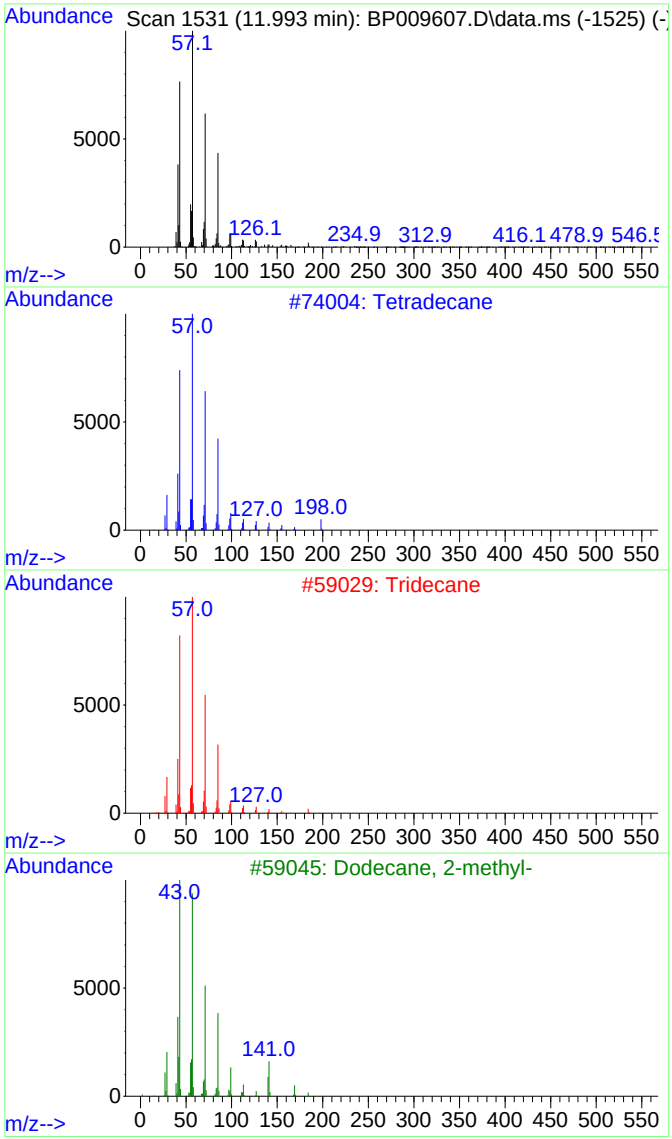
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

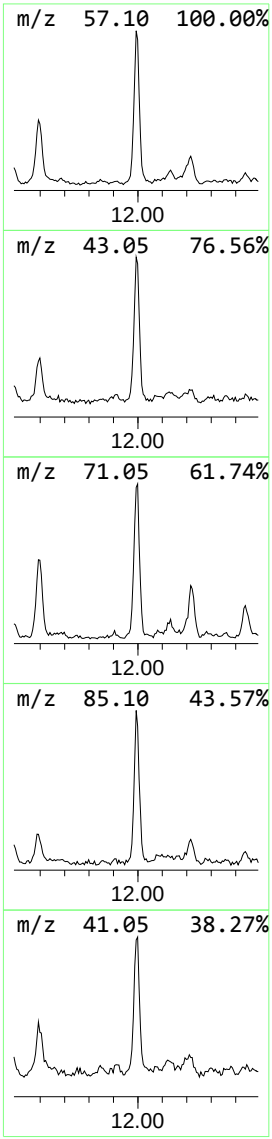
****

Peak Number 4 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.993	2.30 ng	248579	Naphthalene-d8	10.552

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	81
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane	170	C12H26	000112-40-3	76





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Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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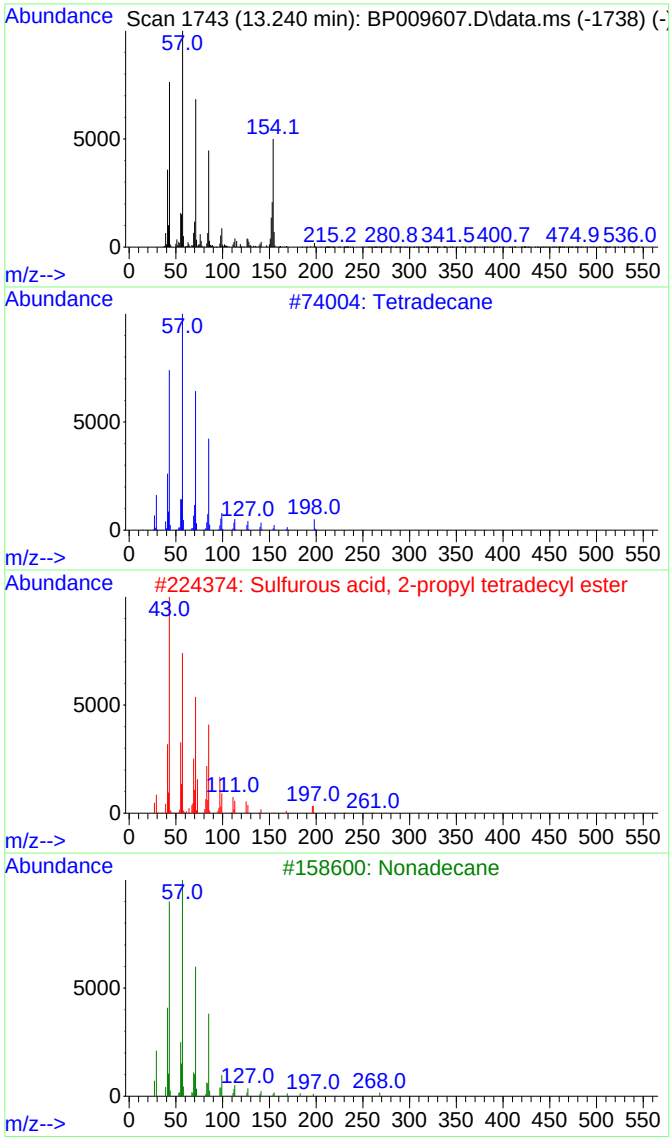
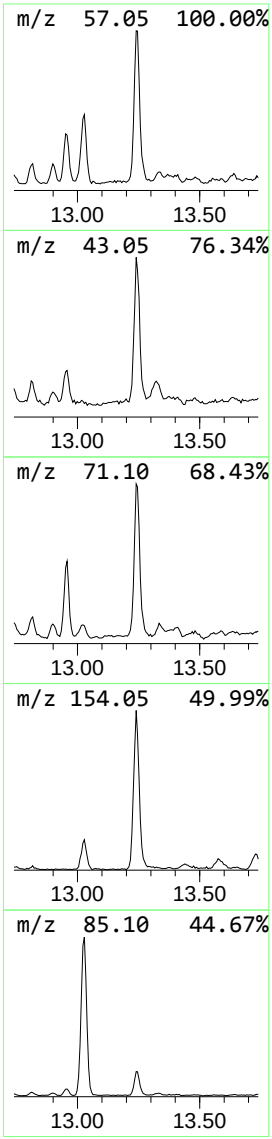
Peak Number 5 unknown13.240 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.240	2.91 ng	425921	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	46
3	Nonadecane	268	C19H40	000629-92-5	46
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
5	Tridecane	184	C13H28	000629-50-5	38





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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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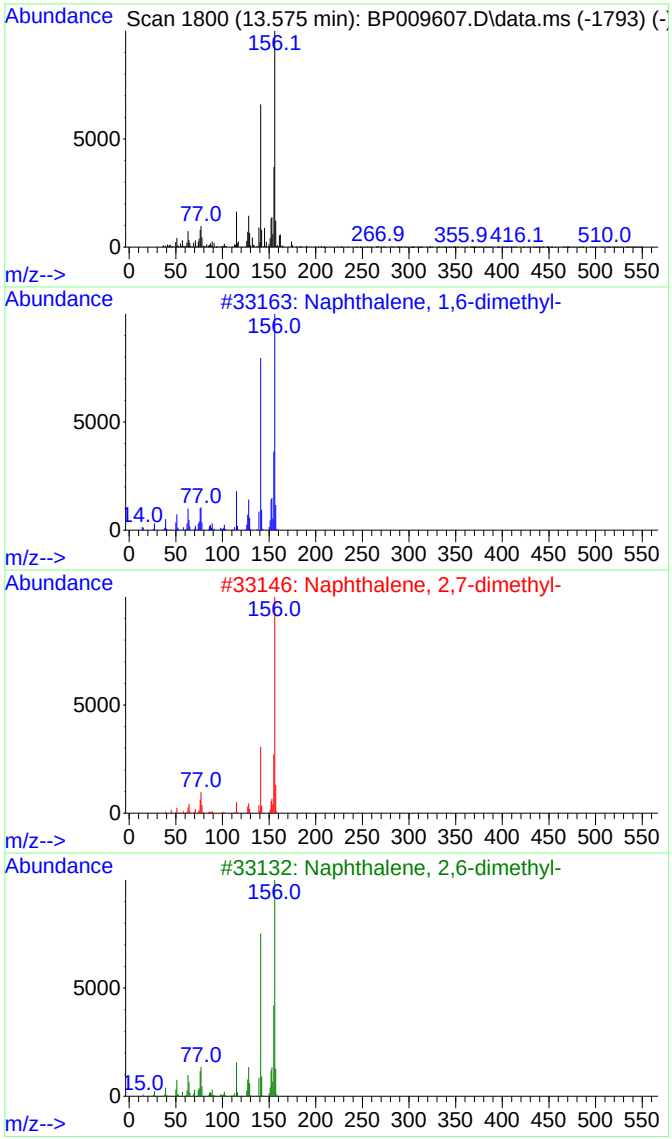
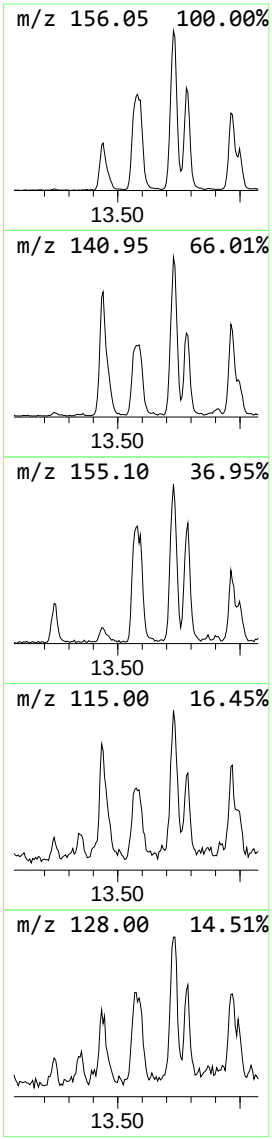
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	2.34 ng	343269	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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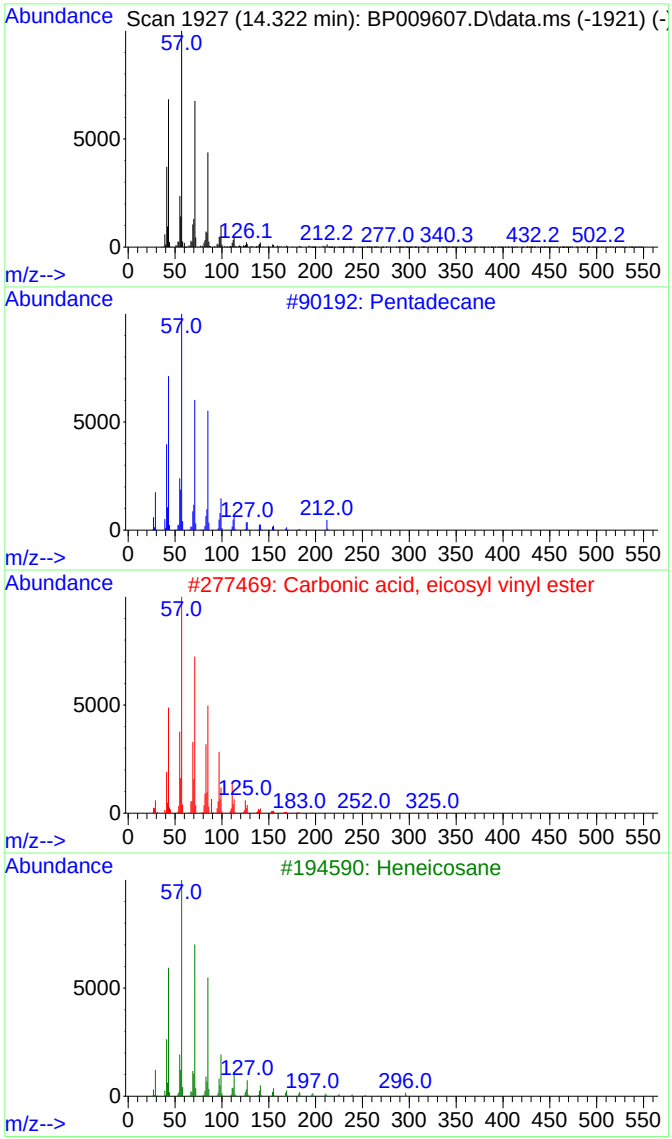
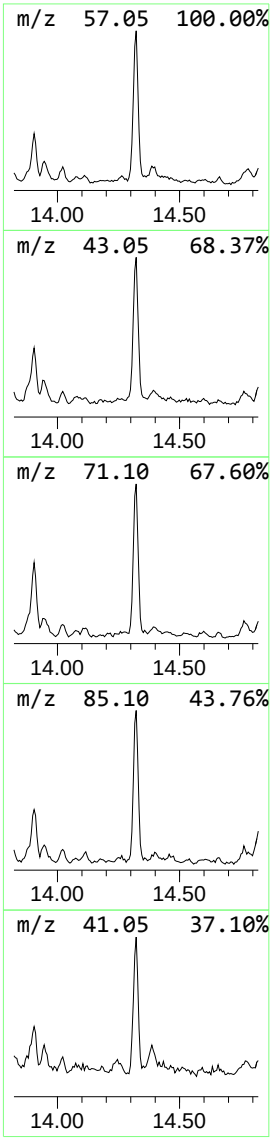
Peak Number 7 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	2.72 ng	398807	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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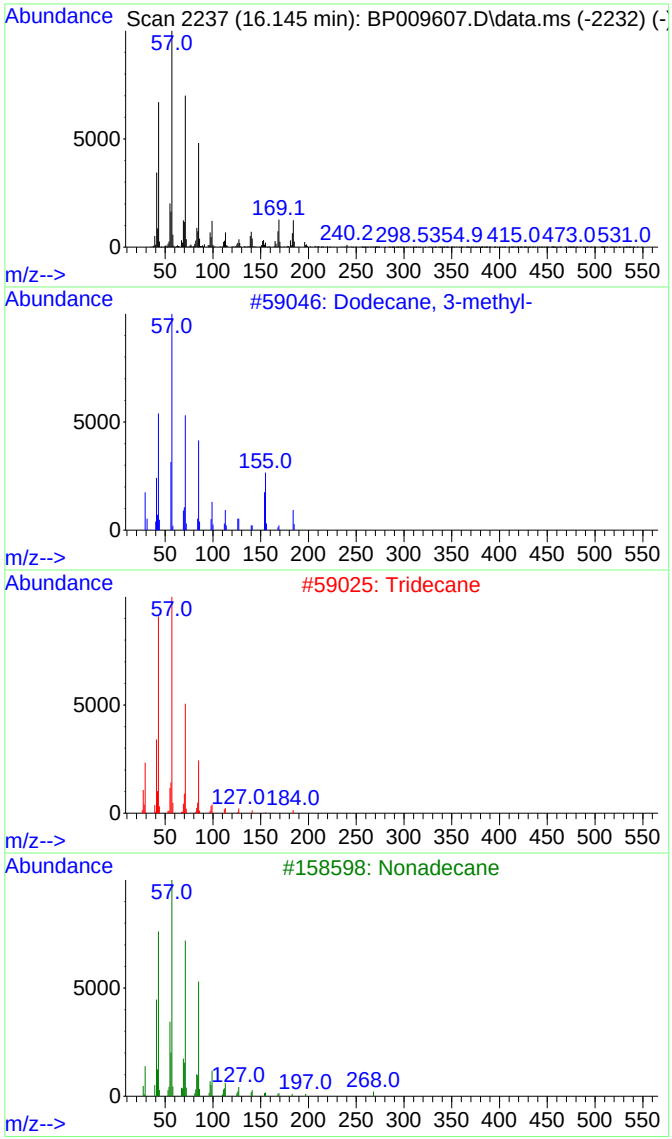
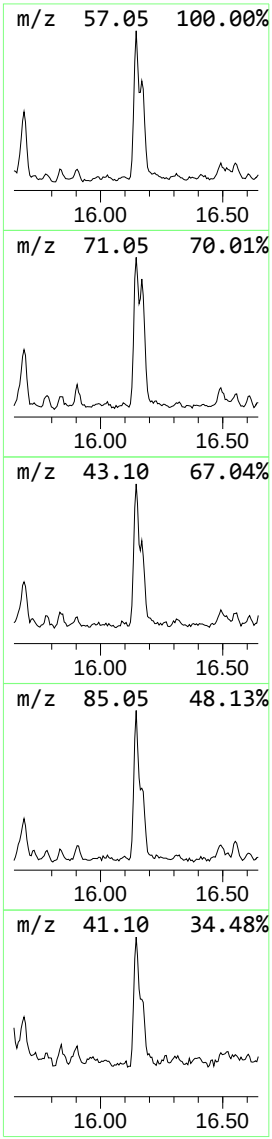
Peak Number 8 Dodecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	4.87 ng	791366	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Nonadecane	268	C19H40	000629-92-5	76
4	Dodecane	170	C12H26	000112-40-3	76
5	Octacosane	394	C28H58	000630-02-4	74





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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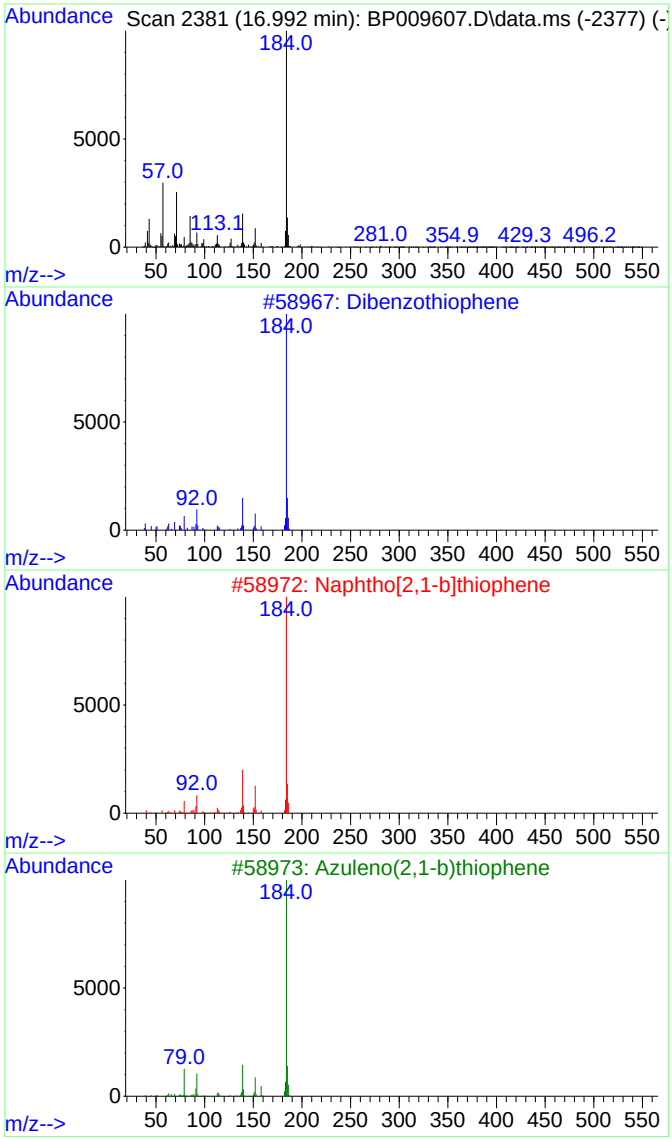
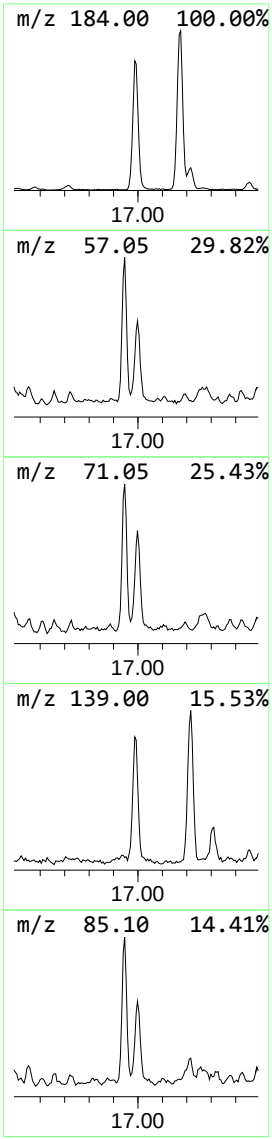
Peak Number 9 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.993	3.75 ng	608571	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70





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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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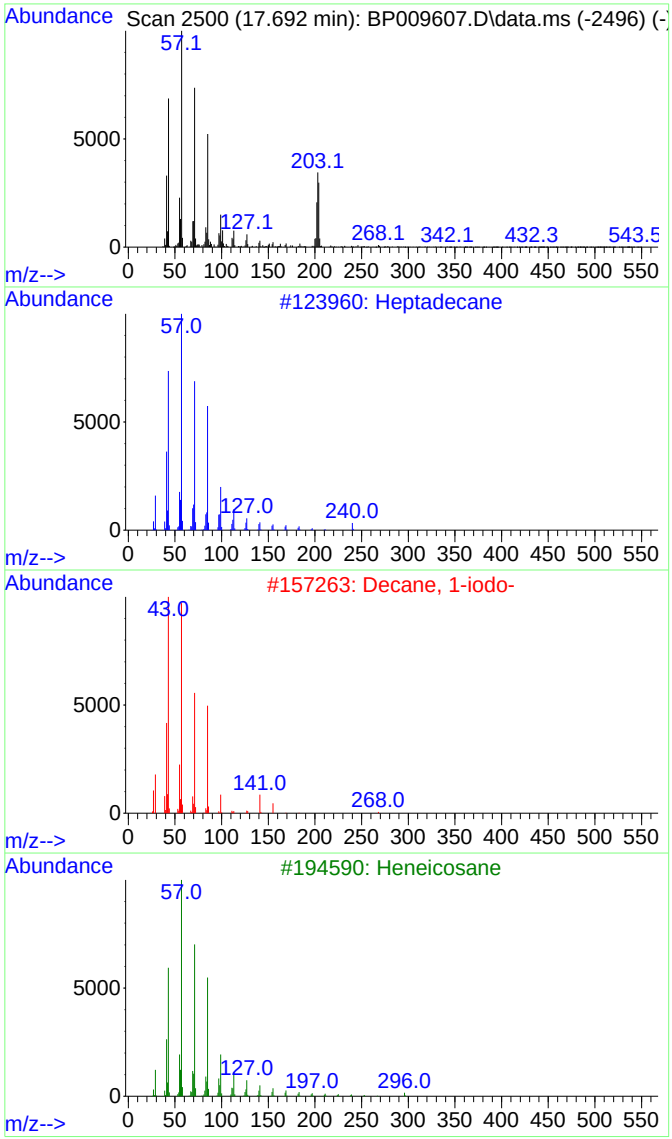
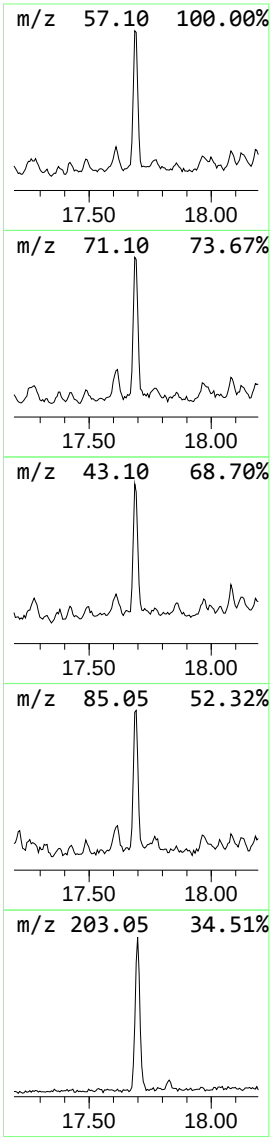
Peak Number 10 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	2.41 ng	390999	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
3	Heneicosane	296	C21H44	000629-94-7	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Tetradecane	198	C14H30	000629-59-4	58





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Sample : N2155-09
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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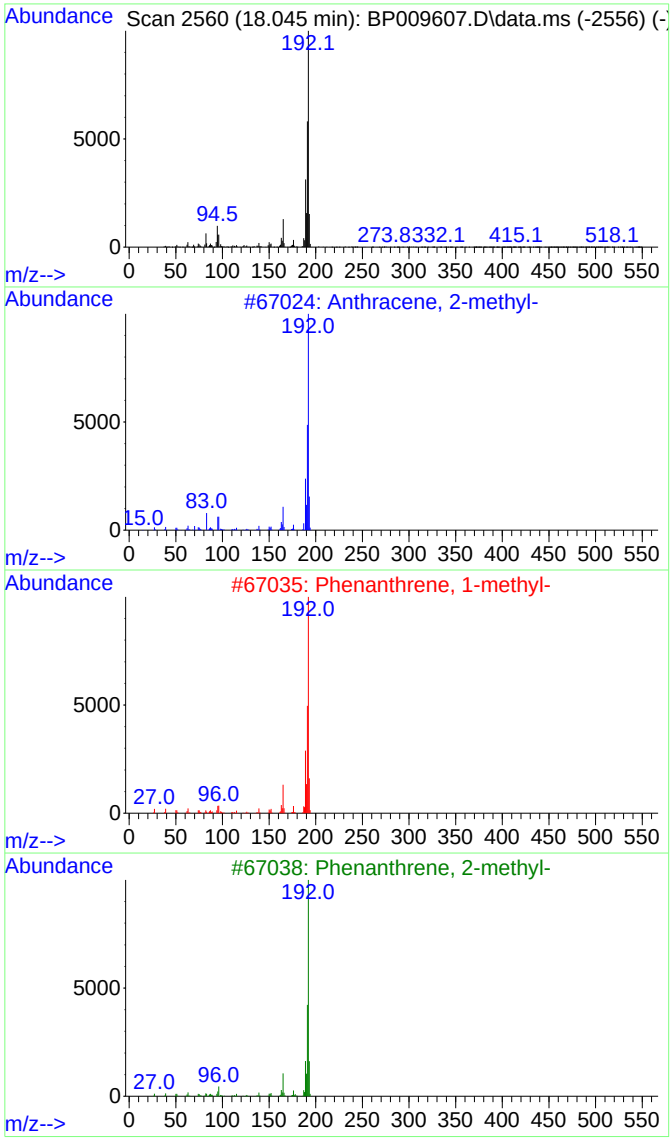
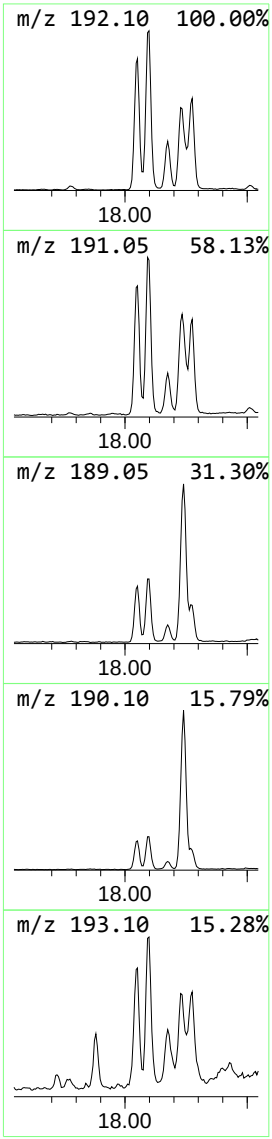
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	4.63 ng	752195	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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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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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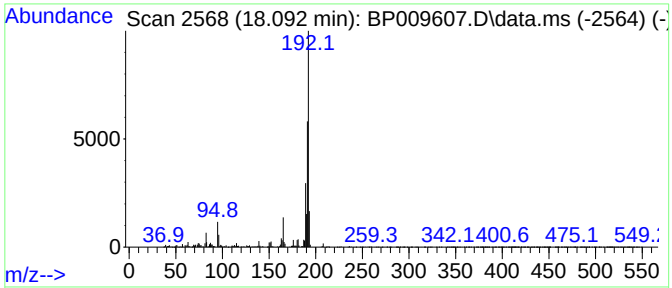
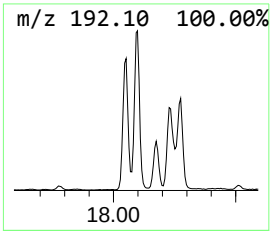
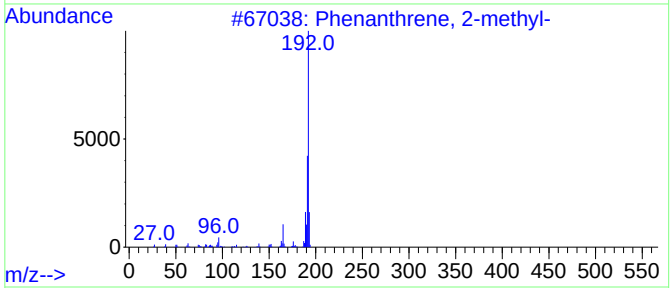
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 6

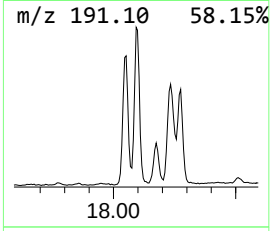
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	6.13 ng	996467	Phenanthrene-d10	17.175

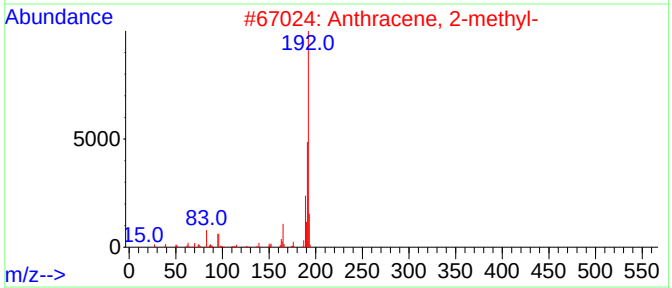
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93

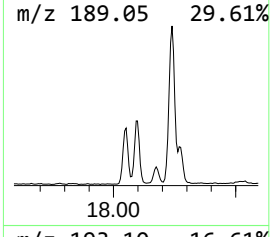


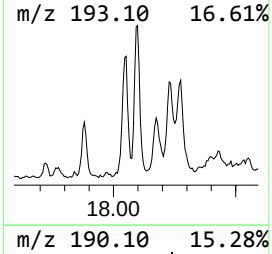


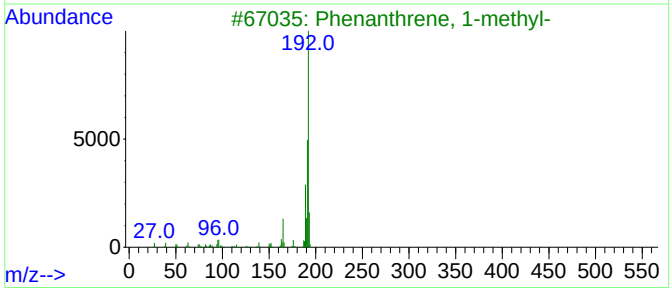


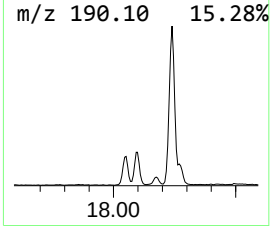












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Acq On : 29 Mar 2022 22:26
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Sample : N2155-09
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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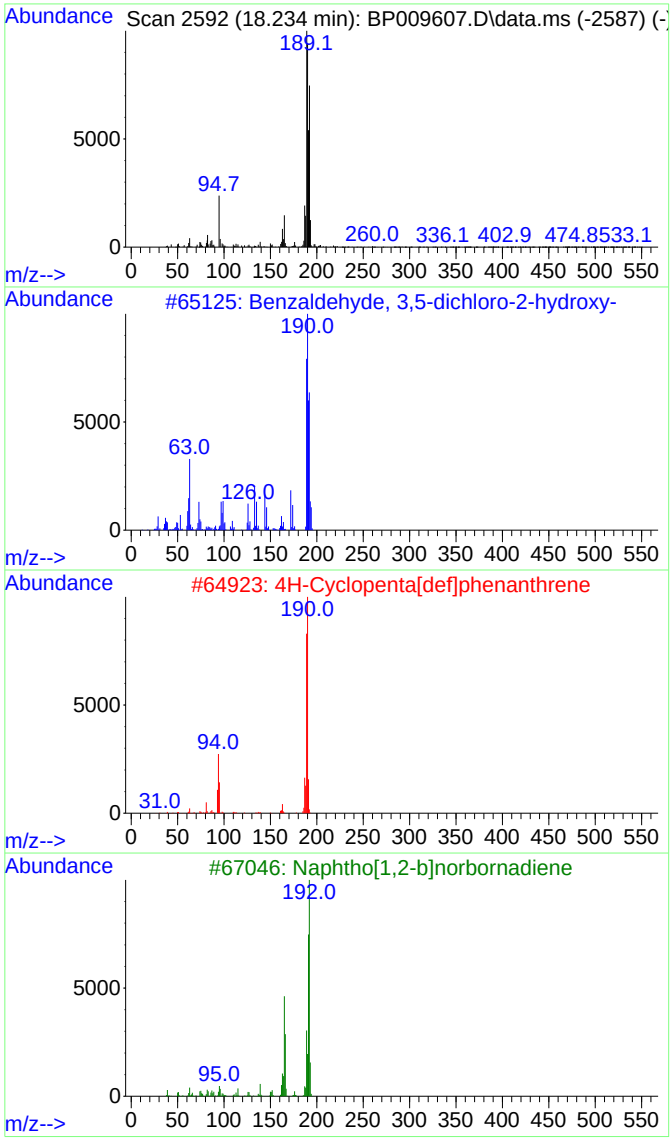
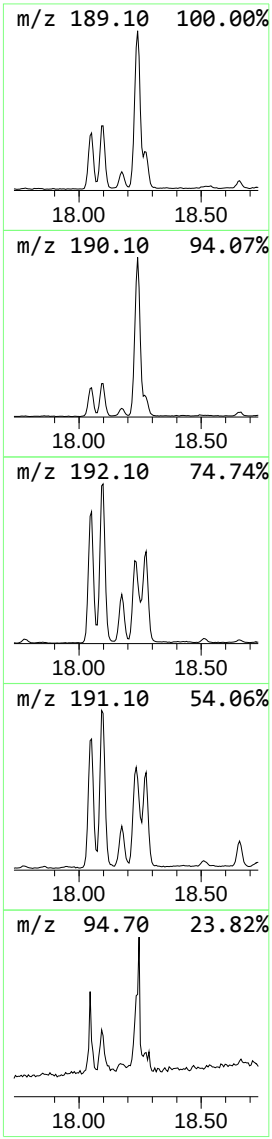
Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	7.71 ng	1251640	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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

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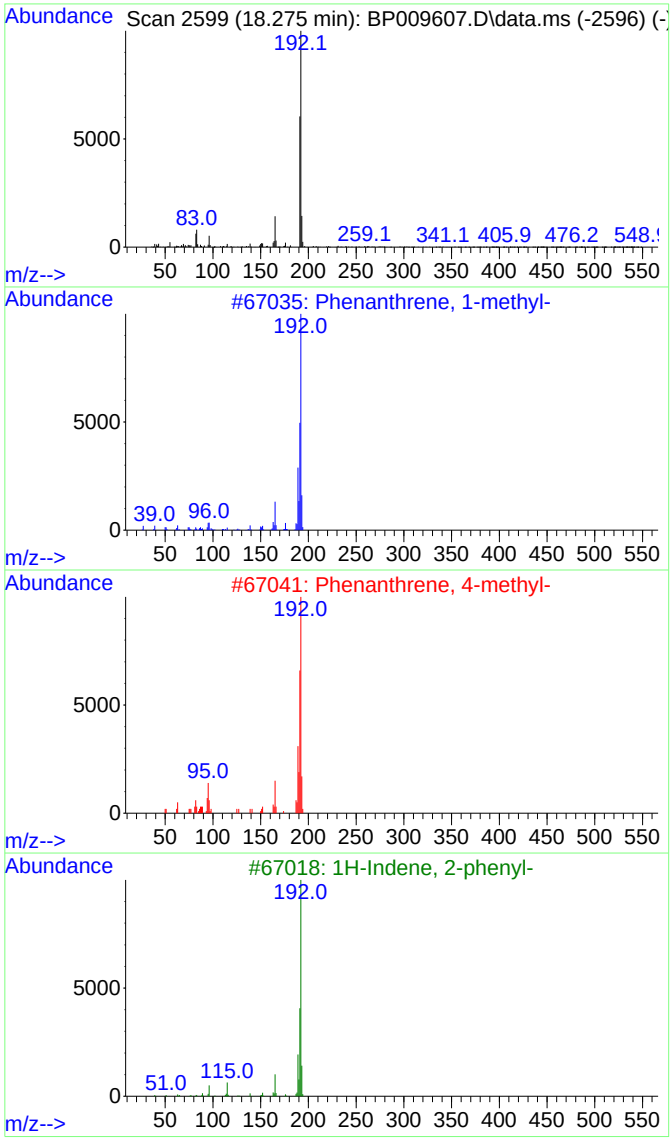
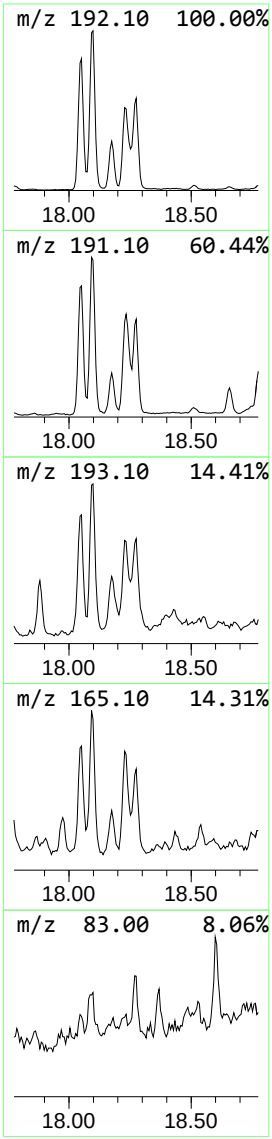
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	3.09 ng	501653	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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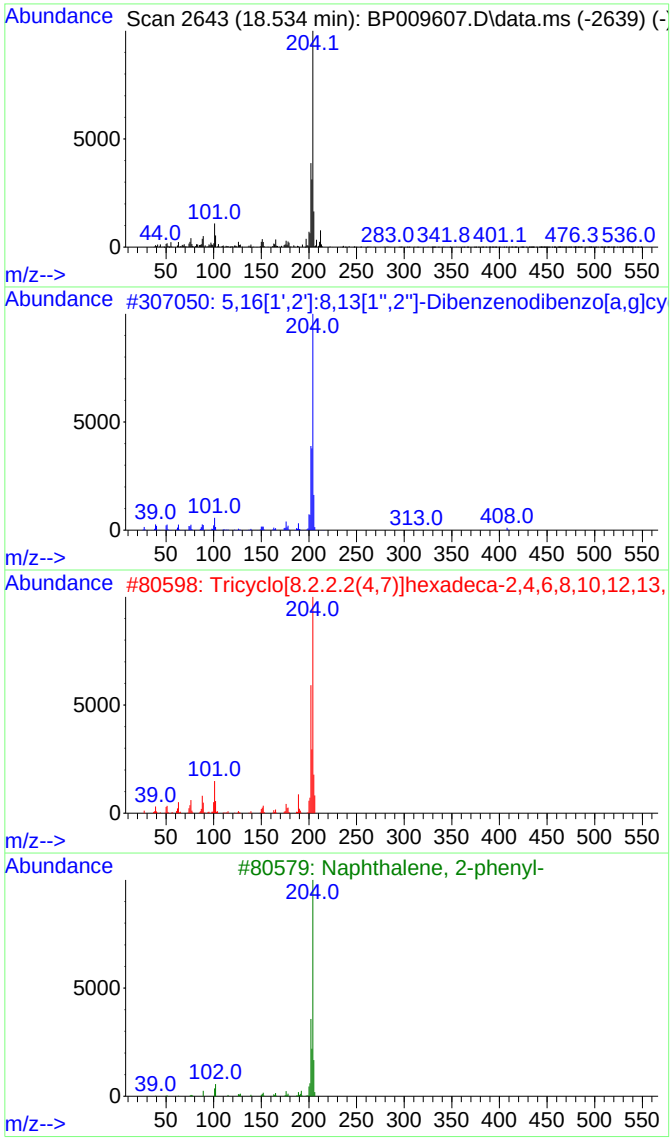
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

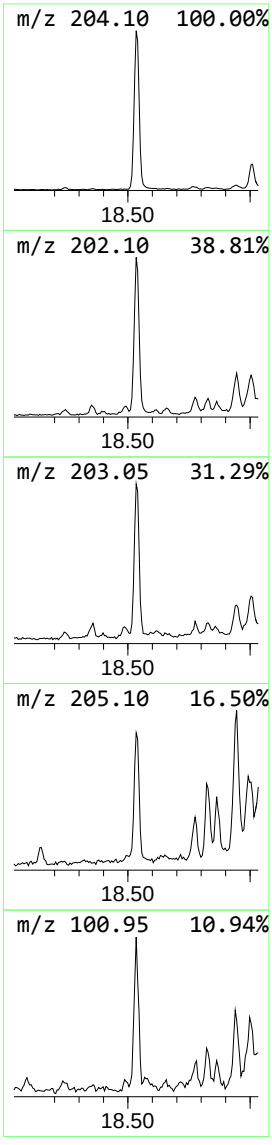
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	2.83 ng	459283	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55





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Data File : BP009607.D
Acq On : 29 Mar 2022 22:26
Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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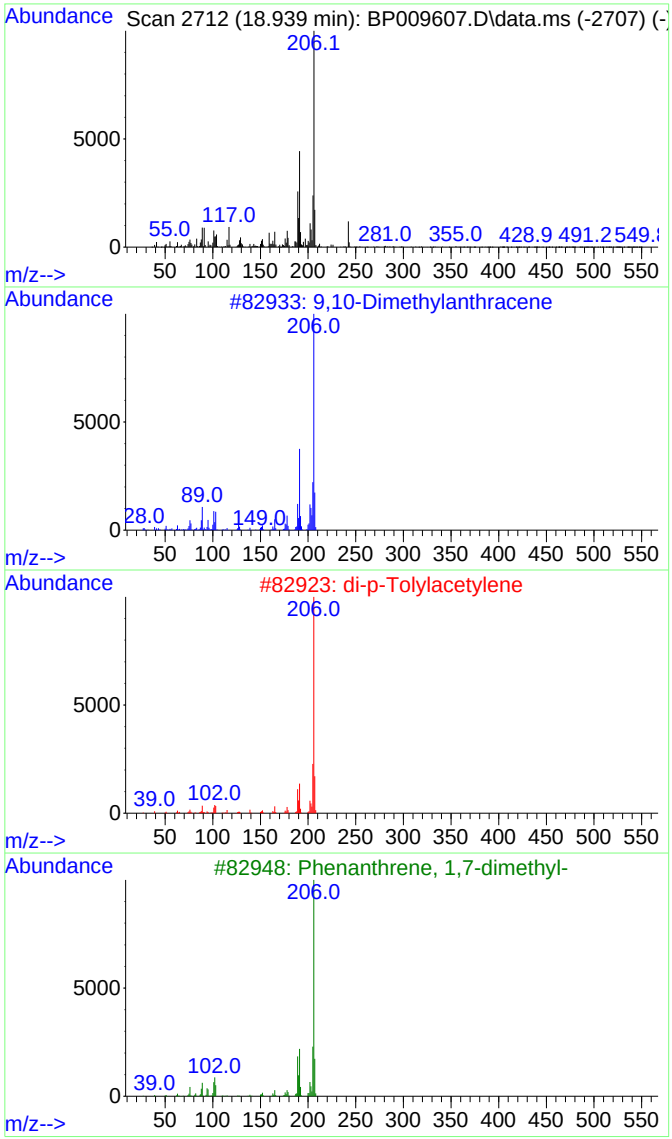
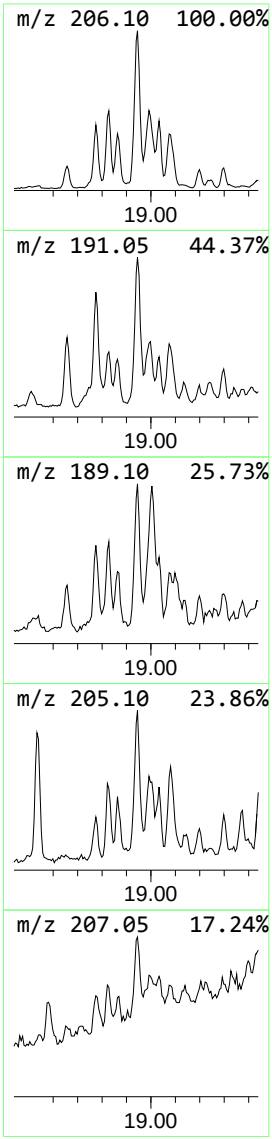
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	4.14 ng	673070	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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ALS Vial : 13 Sample Multiplier: 1

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BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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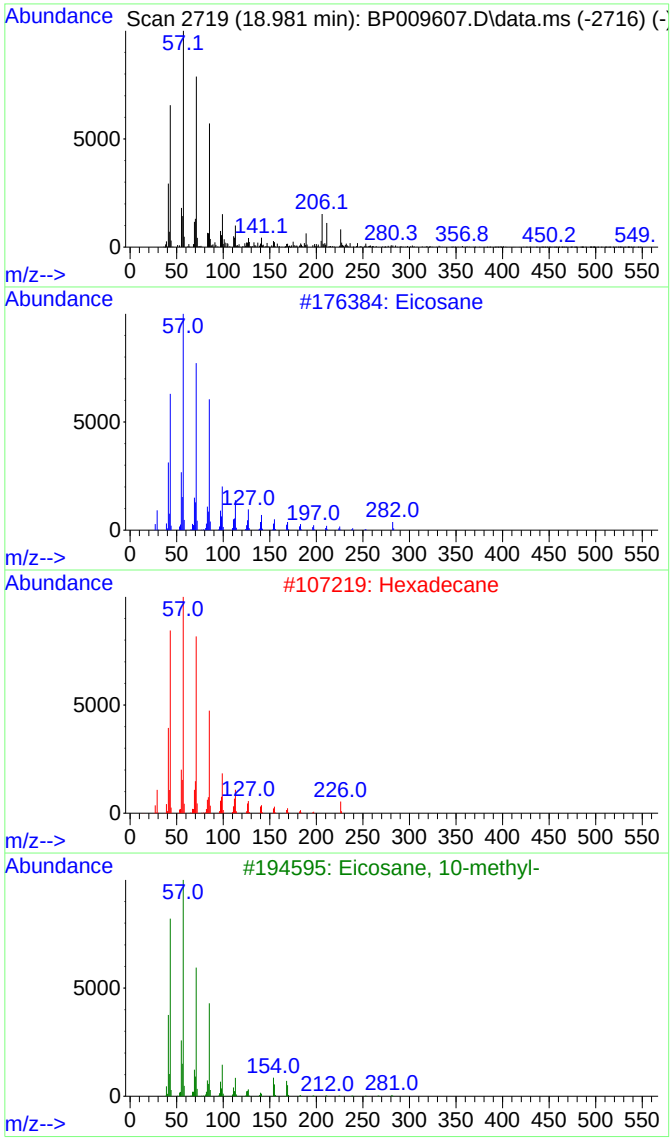
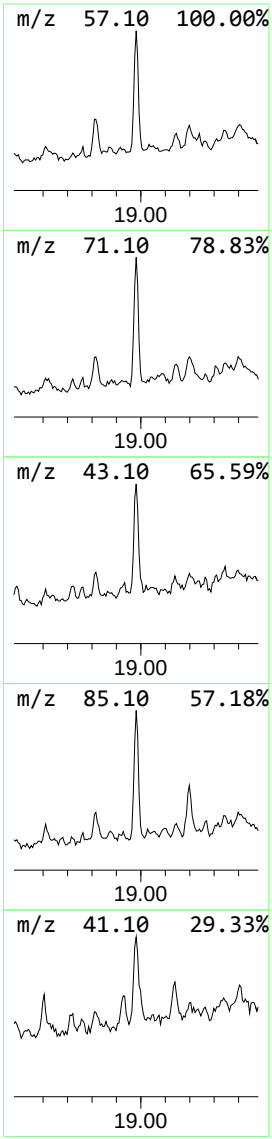
Peak Number 17 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.981	3.74 ng	607992	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	89





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Operator : CG/JU
Sample : N2155-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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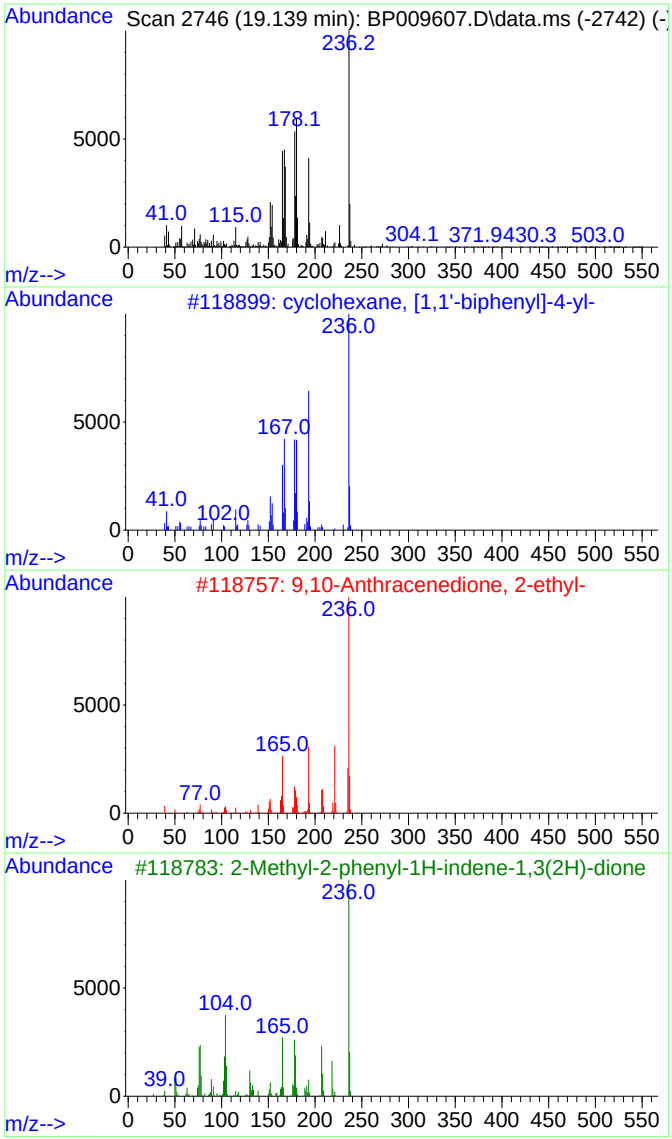
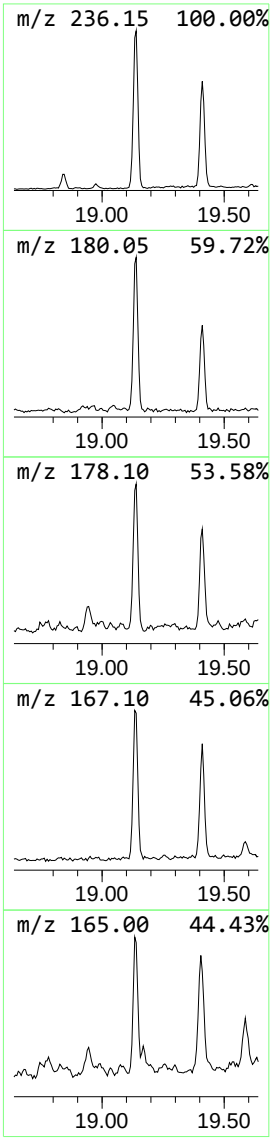
Peak Number 18 cyclohexane, [1,1'-biphenyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	3.92 ng	635961	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	90
2	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	49
3	2-Methyl-2-phenyl-1H-indene-1,3(...	236	C16H12O2	1010332-18-2	43
4	9,10-Anthracenedione, 1-ethyl-	236	C16H12O2	024624-29-1	43
5	11H-Cyclohepta[a]naphthalen-11-o...	236	C17H16O	058111-76-5	43





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-I

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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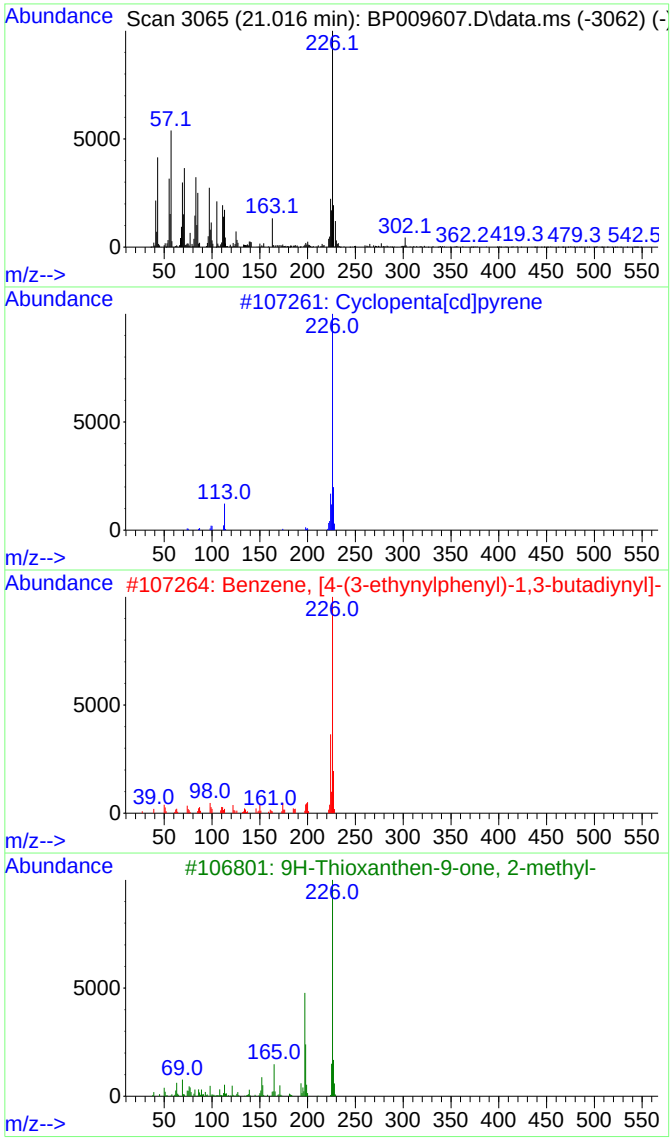
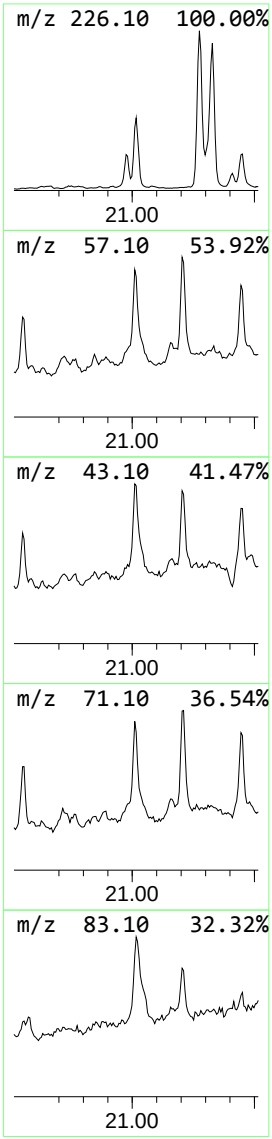
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	2.99 ng	1021490	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	45
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	2-Oxa-7-azatricyclo[4.4.0.0(3,8)...	381	C18H23NO6S	055905-56-1	40
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	38





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ALS Vial : 13 Sample Multiplier: 1

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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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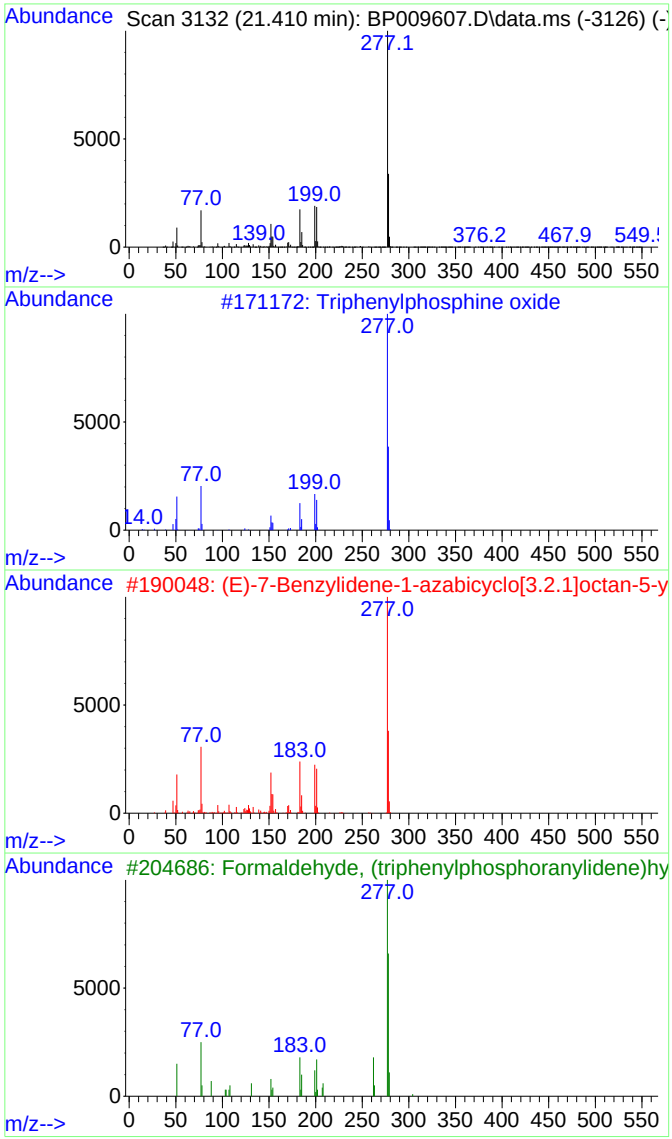
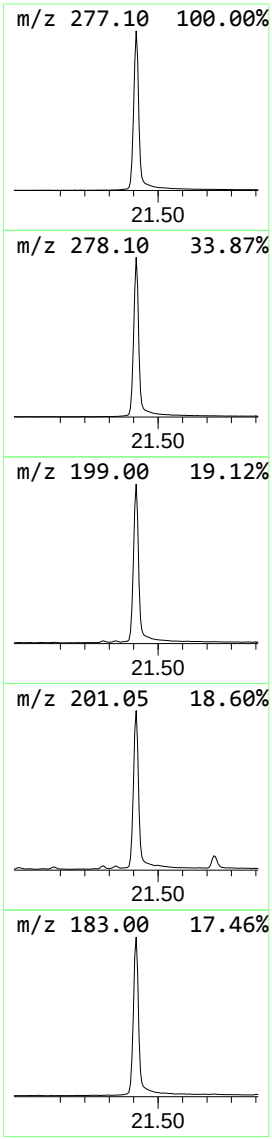
Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	54.48 ng	18584000	Chrysene-d12	21.292

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	47
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	40
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28





Tentatively Identified Compound (LSC) summary

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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
2-Pentanone, 4-...	4.899	43.9	ng	3173300	1	7.764	1445860	20.0
Neopentyl glycol	6.269	11.4	ng	820951	1	7.764	1445860	20.0
Ethanol, 2-(2-b...	10.346	19.9	ng	2149980	2	10.552	2166230	20.0
Tetradecane	11.993	2.3	ng	248579	2	10.552	2166230	20.0
unknown13.240	13.240	2.9	ng	425921	3	14.410	2929940	20.0
Naphthalene, 1,...	13.575	2.3	ng	343269	3	14.410	2929940	20.0
Pentadecane	14.322	2.7	ng	398807	3	14.410	2929940	20.0
Dodecane, 3-met...	16.145	4.9	ng	791366	4	17.175	3248630	20.0
Dibenzothiophene	16.993	3.8	ng	608571	4	17.175	3248630	20.0
Heptadecane	17.692	2.4	ng	390999	4	17.175	3248630	20.0
Anthracene, 2-m...	18.045	4.6	ng	752195	4	17.175	3248630	20.0
Phenanthrene, 2...	18.092	6.1	ng	996467	4	17.175	3248630	20.0
Benzaldehyde, 3...	18.234	7.7	ng	1251640	4	17.175	3248630	20.0
Phenanthrene, 1...	18.275	3.1	ng	501653	4	17.175	3248630	20.0
5,16[1',2']:8,1...	18.534	2.8	ng	459283	4	17.175	3248630	20.0
9,10-Dimethylan...	18.939	4.1	ng	673070	4	17.175	3248630	20.0
Eicosane	18.981	3.7	ng	607992	4	17.175	3248630	20.0
cyclohexane, [1...	19.139	3.9	ng	635961	4	17.175	3248630	20.0
Cyclopenta[cd]p...	21.016	3.0	ng	1021490	5	21.292	6822850	20.0
Triphenylphosph...	21.410	54.5	ng	18584000	5	21.292	6822850	20.0