LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 22L076-C

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: BP009627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.287	216	221	233	rVB	65161	118994	1.17%	0.162%
2	4.875	314	321	340	rBV	1901832	3134571	30.73%	4.267%
3	5.346	395	401	421	rBV	538975	1060134	10.39%	1.443%
4	6.252	548	555	562	rBV	76576	142707	1.40%	0.194%
5	6.934	658	671	687	rBV	2108888	4037334	39.58%	5.496%
6	7.740	800	808	816	rBV	803757	1433986	14.06%	1.952%
7	8.893	997	1004	1014	rBV	1936356	3622715	35.51%	4.932%
8	8.969	1014	1017	1027	rVB	65095	121938	1.20%	0.166%
9	10.322	1242	1247	1256	rBV	127531	290102	2.84%	0.395%
10	10.528	1275	1282	1287	rBV	1147702	2115592	20.74%	2.880%
11	10.581	1287	1291	1298	rVB	303164	526894	5.16%	0.717%
12	11.575	1454	1460	1468	rBV2	53960	109824	1.08%	0.150%
13	11.975	1522	1528	1535	rVB	138355	225298	2.21%	0.307%
14	12.199	1560	1566	1575	rVB	277655	502942	4.93%	0.685%
15	12.422	1598	1604	1608	rBV	154471	269833	2.65%	0.367%
16	12.934	1686	1691	1696	rBV	78737	115257	1.13%	0.157%
17	13.004	1696	1703	1724	rVB	5177045	8464610	82.98%	11.523%
18	13.222	1734	1740	1747	rVB	229180	347339	3.40%	0.473%
19	13.557	1789	1797	1806	rBV3	77929	244707	2.40%	0.333%
20	13.704	1817	1822	1827	rBV	109337	199428	1.95%	0.271%
21	13.763	1827	1832	1836	rVB	67726	104621	1.03%	0.142%
22	14.110	1886	1891	1898	rBV2	64107	112618	1.10%	0.153%
23	14.298	1918	1923	1928	rBV	174038	252722	2.48%	0.344%
24	14.387	1929	1938	1944	rBV	1299488	2146425	21.04%	2.922%
25	14.451	1944	1949	1958	rVB	232485	405435	3.97%	0.552%
26	14.598	1969	1974	1984	rVB2	46952	131412	1.29%	0.179%
27	14.793	2001	2007	2014	rVB	180066	324986	3.19%	0.442%
28	14.922	2026	2029	2037	rVB5	61521	112334	1.10%	0.153%
29	15.010	2038	2044	2049	rBV4	57739	136018	1.33%	0.185%
30	15.257	2082	2086	2091	rVB	177801	224364	2.20%	0.305%
31	15.440	2113	2117	2122	rVB	224296	316745	3.10%	0.431%
32	15.622	2142	2148	2151	rBV2	72294	129910	1.27%	0.177%
33	15.663	2151	2155	2163	rVV3	108345	220298	2.16%	0.300%
34	15.745	2165	2169	2177	rVB4	51549	113367	1.11%	0.154%
35	15.892	2188	2194	2201	rVB2	360694	633082	6.21%	0.862%
36	16.128	2229	2234	2236	rBV	265157	382796	3.75%	0.521%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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	16.928	2366	2370	2373	rVV	182217	231056	2.26%	0.315%
38	16.975	2373	2378	2387	rVB2	221568	419858	4.12%	0.572%
39	17.151	2402	2408	2412	rBV	1504881	2324176	22.78%	3.164%
40	17.192	2412	2415	2422	rVB	1725803	2547977	24.98%	3.469%
41	17.287	2427	2431	2438	rVV	416505	652740	6.40%	0.889%
42	17.357	2439	2443	2448	rVB3	57606	105635	1.04%	0.144%
43	17.539	2470	2474	2475	rBV2	74640	102294	1.00%	0.139%
44	17.563	2475	2478	2491	rVB	184107	382256	3.75%	0.520%
45	17.675	2493	2497	2501	rVB2	203533	265952	2.61%	0.362%
46	18.028	2553	2557	2560	rBV	213387	304918	2.99%	0.415%
47	18.075	2561	2565	2570	rVB	312542	486014	4.76%	0.662%
48	18.128	2571	2574	2576	rBV	96403	102349	1.00%	0.139%
49	18.216	2585	2589	2593	rBV2	288613	479483	4.70%	0.653%
50	18.351	2608	2612	2619	rVB	176252	242307	2.38%	0.330%
51	18.516	2637	2640	2644	rBV	132545	167503	1.64%	0.228%
52	18.963	2713	2716	2722	rBV3	220650	302862	2.97%	0.412%
53	19.116	2739	2742	2748	rVB	244541	332799	3.26%	0.453%
54	19.181	2748	2753	2761	rBV	2243172	3113771	30.52%	4.239%
55	19.281	2768	2770	2772	rBV3	115860	120336	1.18%	0.164%
56	19.533	2805	2813	2823	rBV	2223714	4030680	39.51%	5.487%
57	19.739	2842	2848	2852	rBV	7679620	10201272	100.00%	13.887%
58	20.022	2893	2896	2899	rBV	299180	404654	3.97%	0.551%
59	20.992	3058	3061	3069	rVB3	716380	1136965	11.15%	1.548%
60	21.269	3103	3108	3112	rBV2	2054427	3532759	34.63%	4.809%
61	21.310	3112	3115	3123	rVB	986248	1322104	12.96%	1.800%
62	21.386	3124	3128	3133	rBV	3716725	5201831	50.99%	7.081%
63	23.657	3510	3514	3520	rVB2	1138143	2113726	20.72%	2.877%

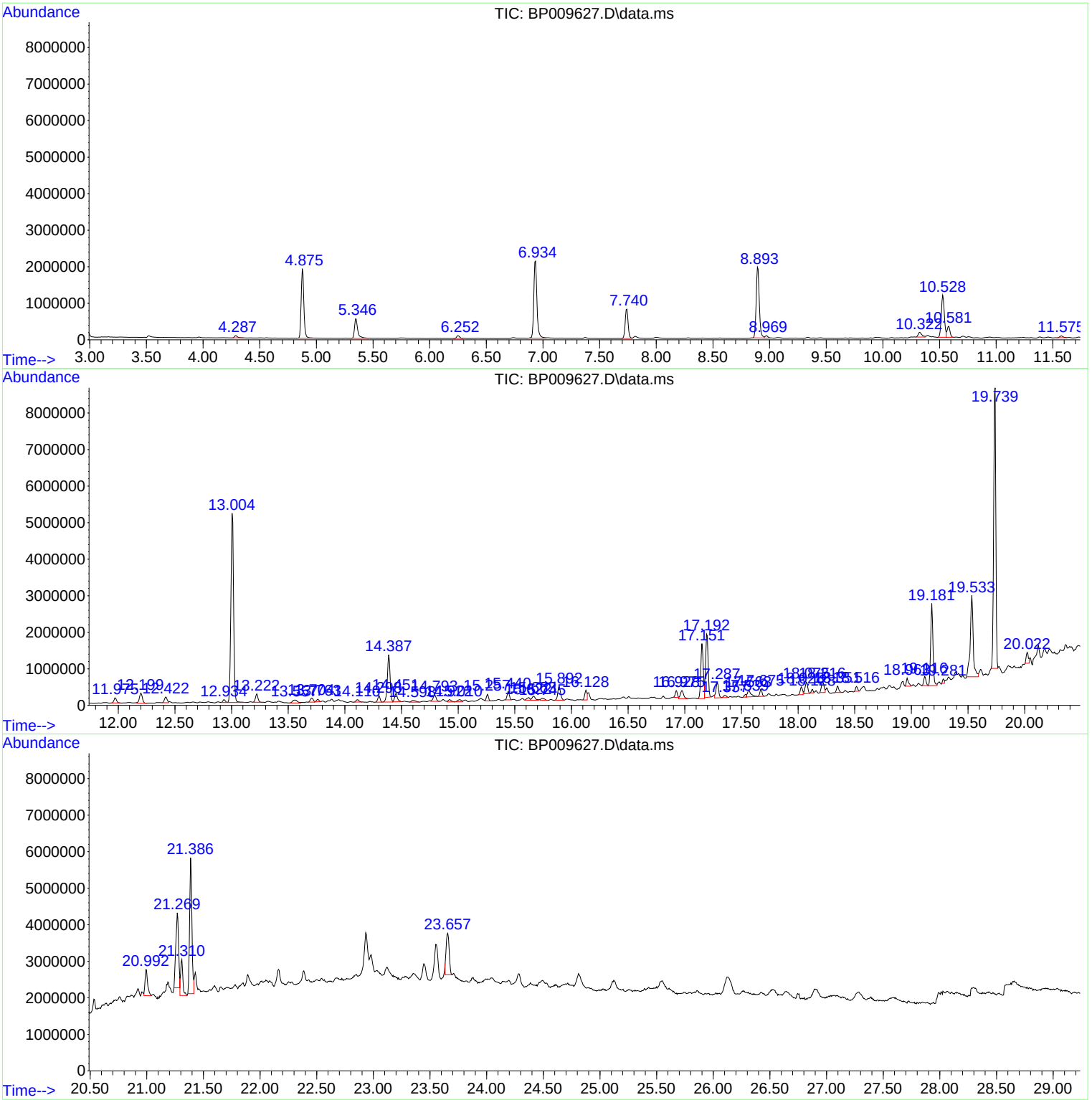
Sum of corrected areas: 73459615

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

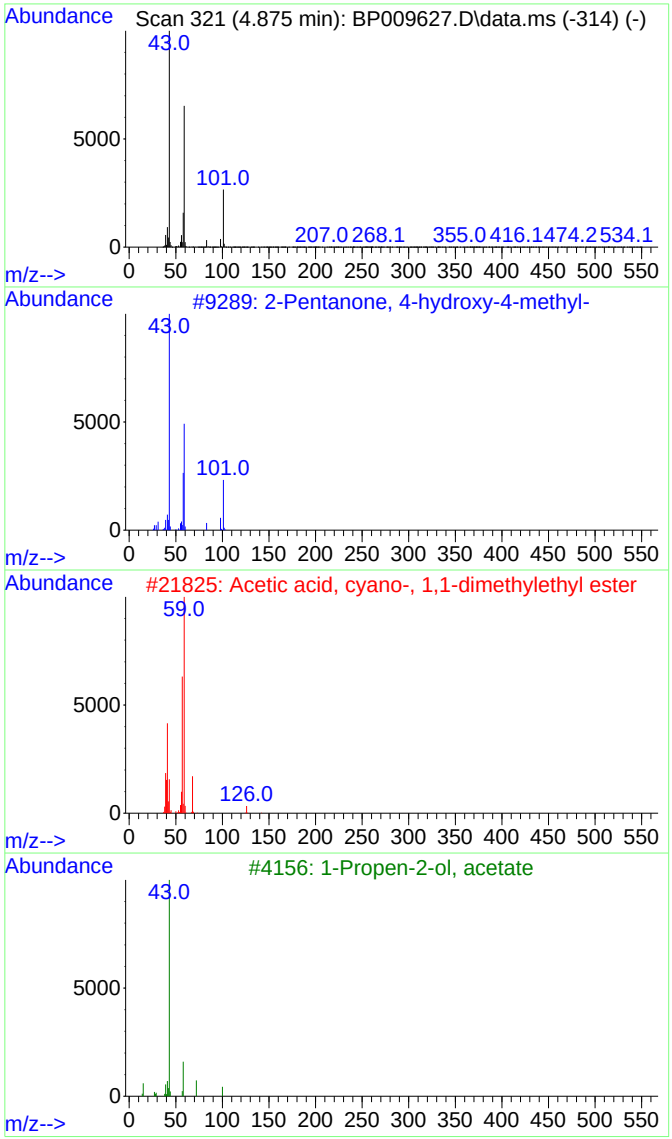
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

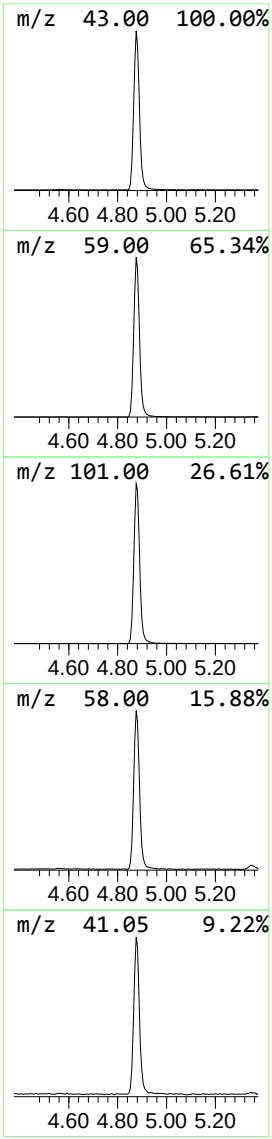
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	43.72 ng	3134570	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

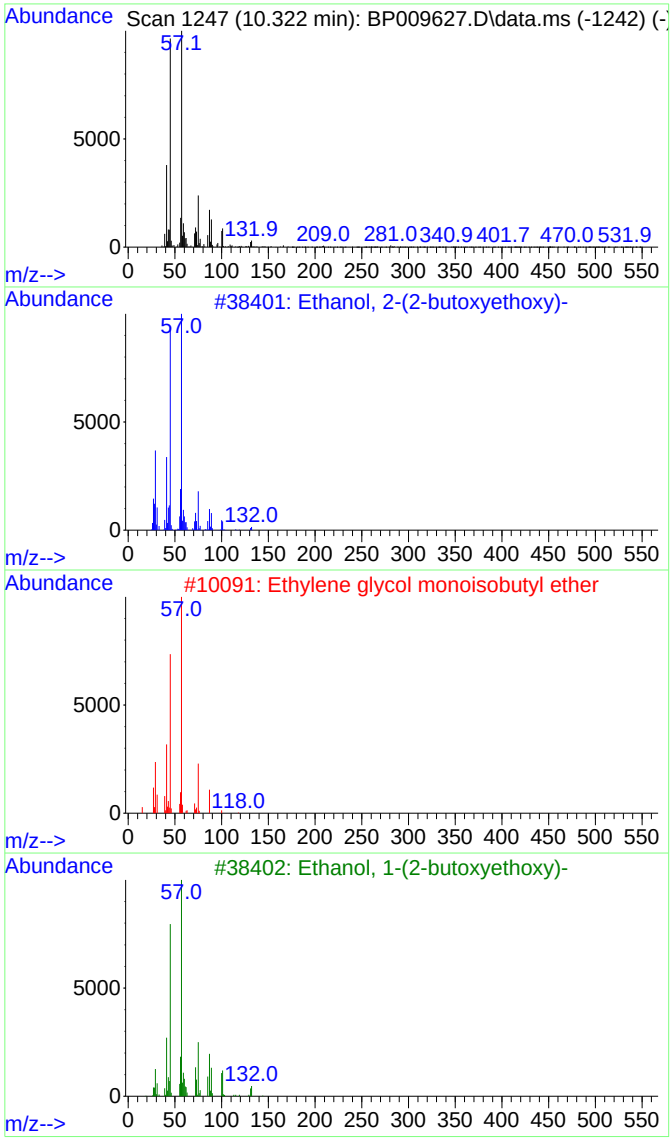
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

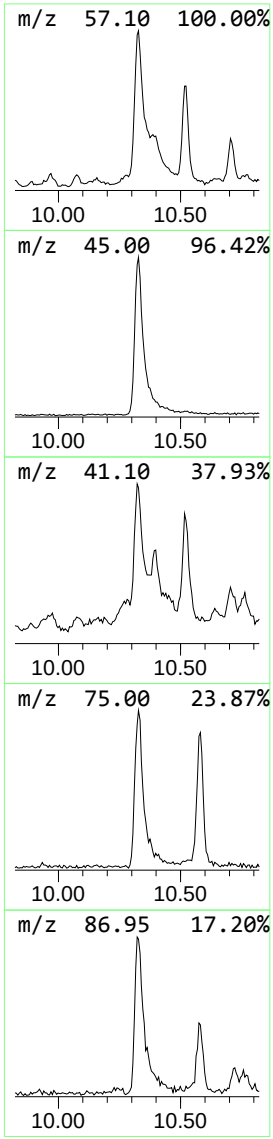
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	2.74 ng	290102	Naphthalene-d8	10.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	52
4	(S)-Methyl 2,3-dihydroxypropanoa...	134	C5H10O4	354578-58-8	50
5	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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

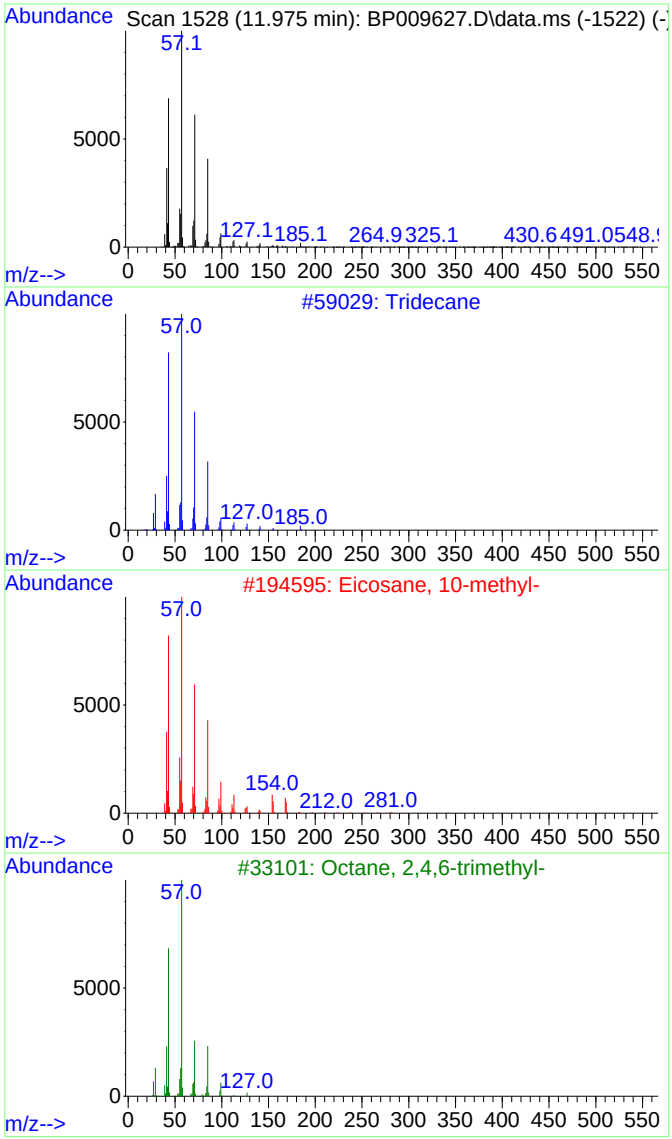
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

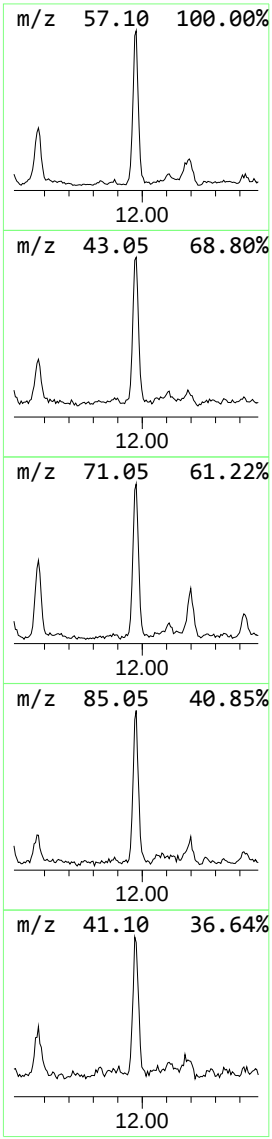
****

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.13 ng	225298	Naphthalene-d8	10.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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

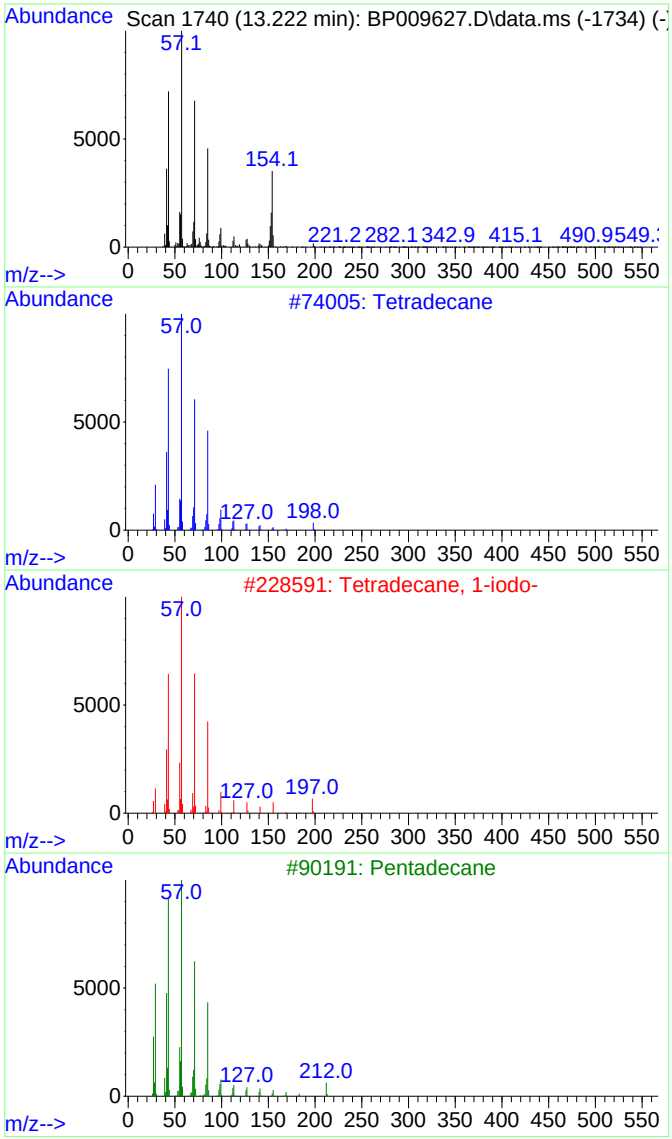
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

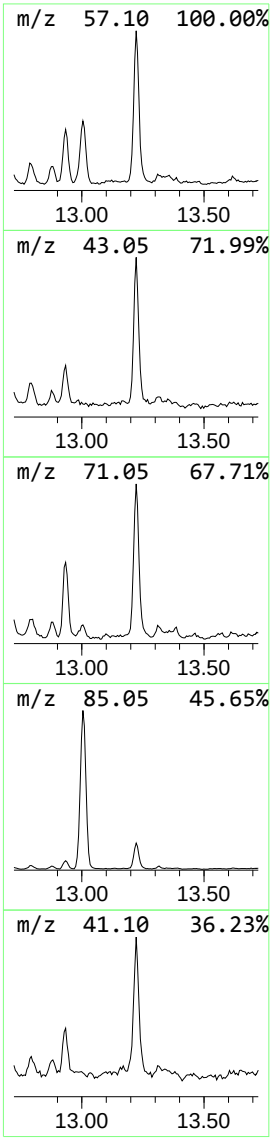
****

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	3.24 ng	347339	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
3	Pentadecane	212	C15H32	000629-62-9	52
4	Tritetracontane	605	C43H88	007098-21-7	52
5	Nonadecane	268	C19H40	000629-92-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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

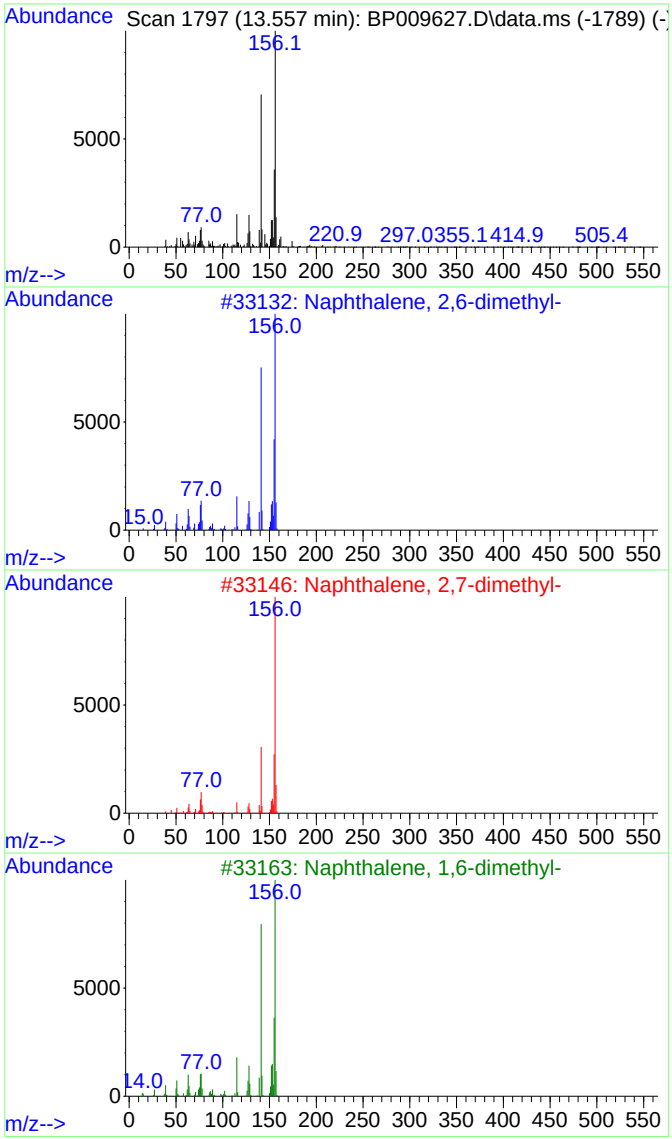
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

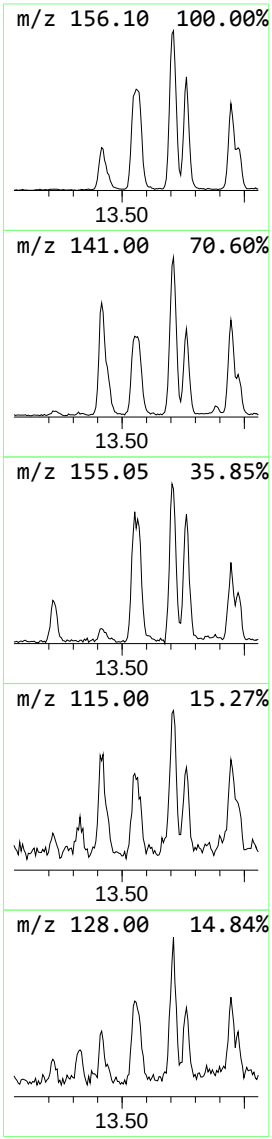
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	2.28 ng	244707	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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

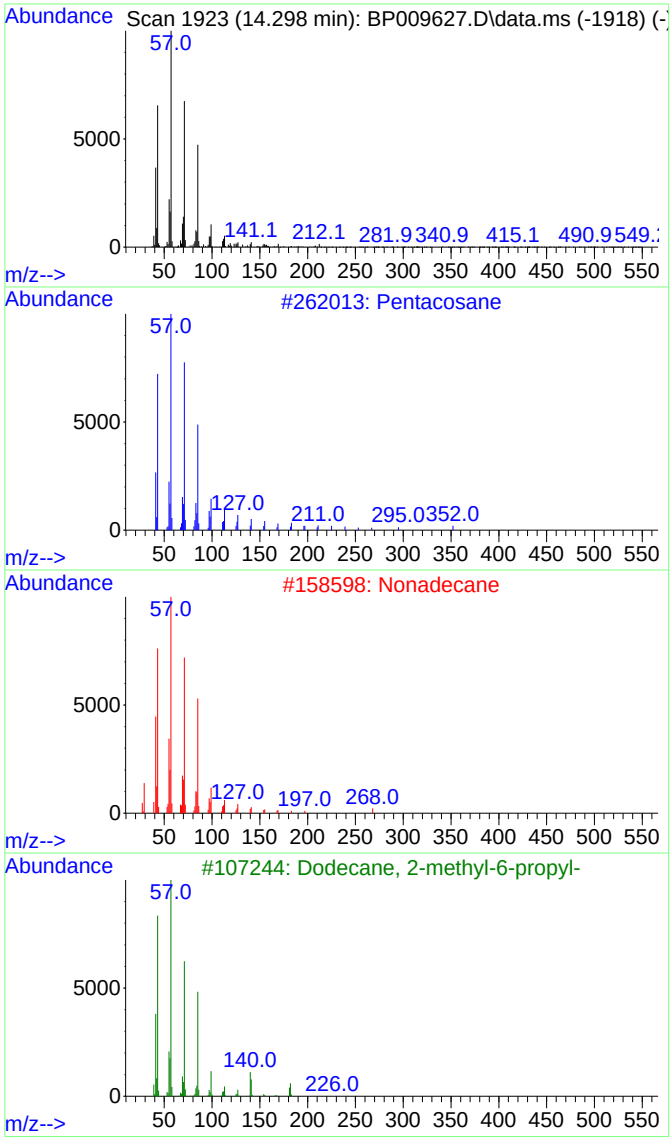
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

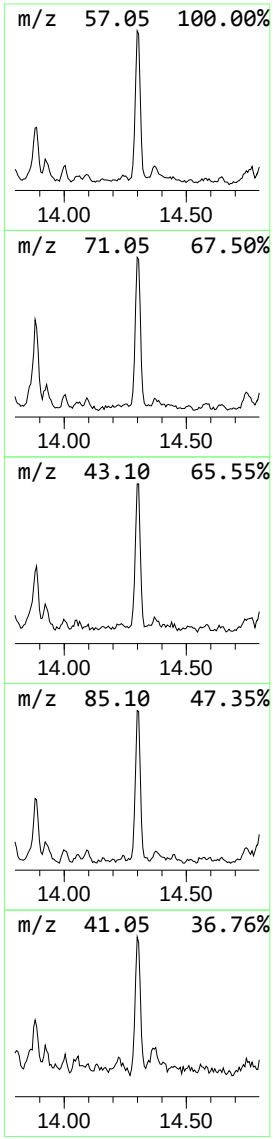
****

Peak Number 6 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	2.35 ng	252722	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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

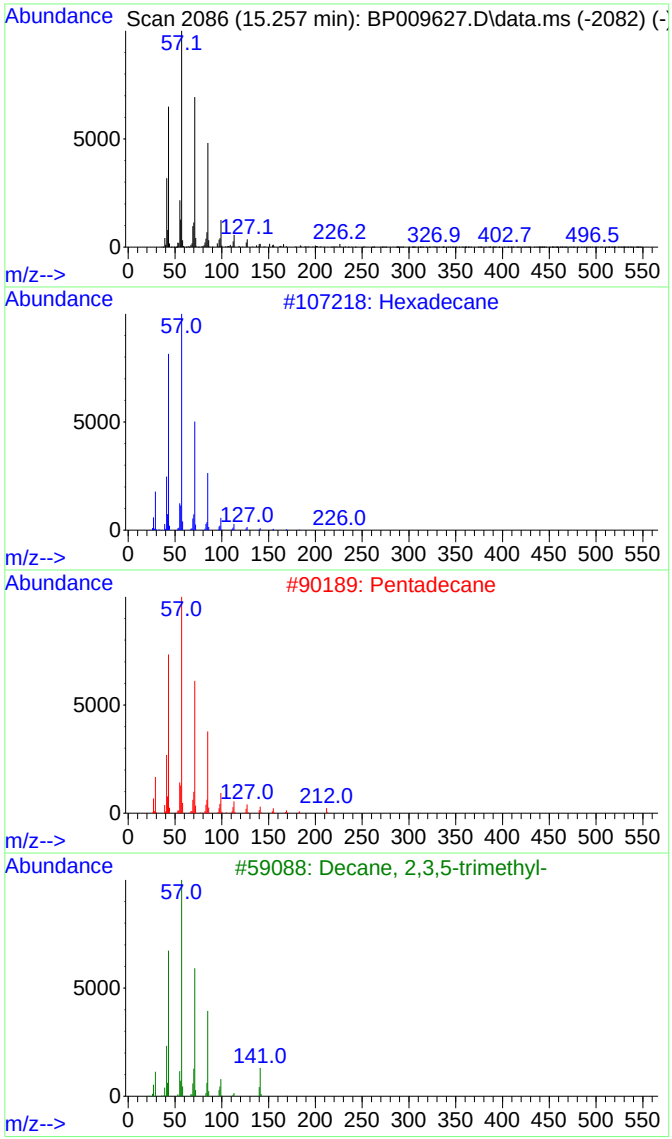
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

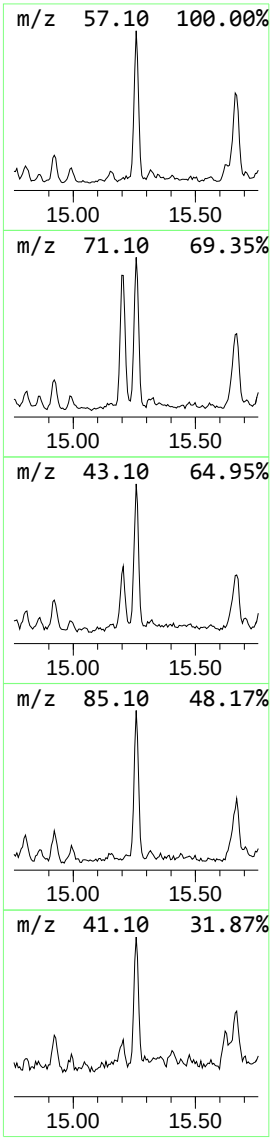
****

Peak Number 7 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	2.09 ng	224364	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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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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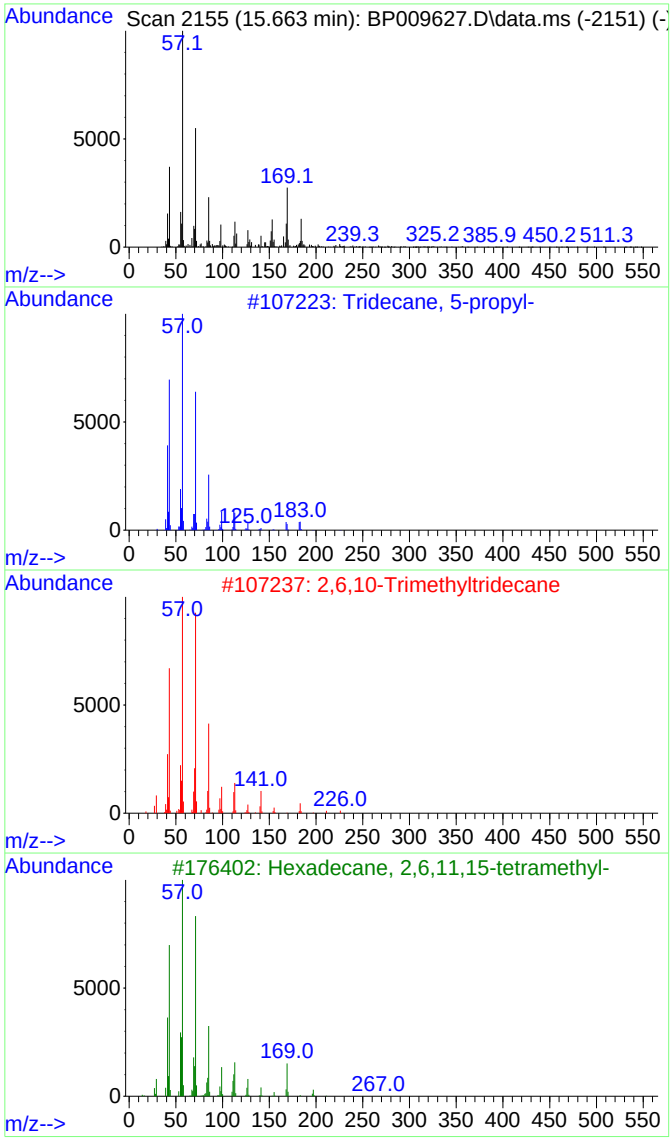
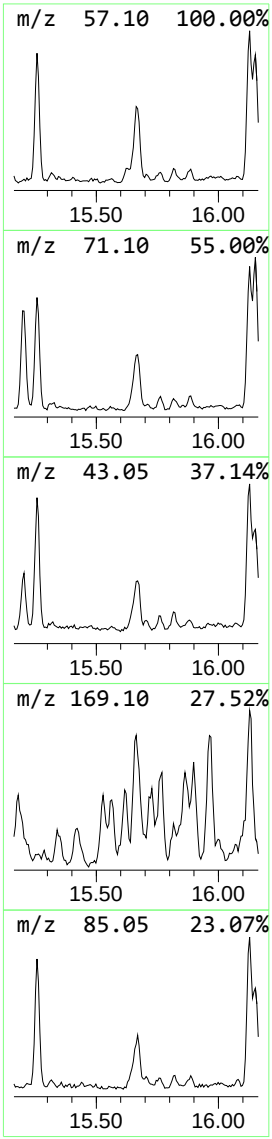
Peak Number 8 Tridecane, 5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	2.05 ng	220298	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	50
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	50
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	50
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	49





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Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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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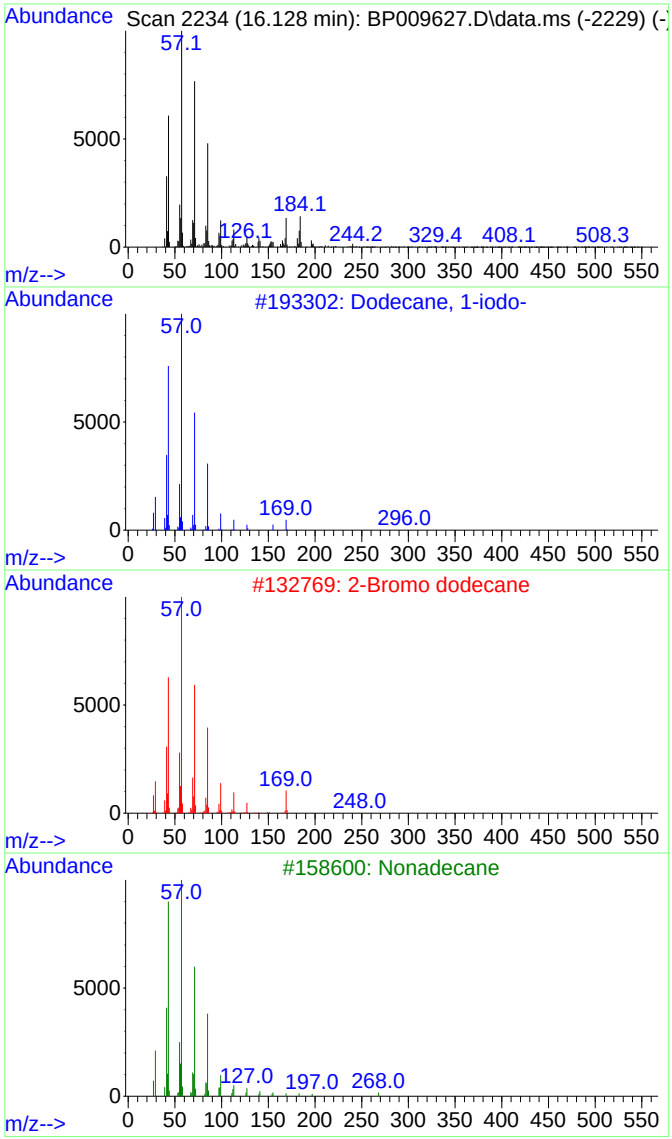
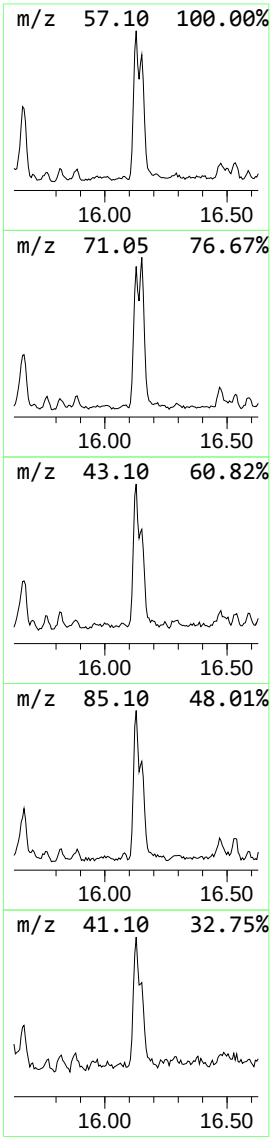
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	3.29 ng	382796	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Nonadecane	268	C19H40	000629-92-5	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81





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Misc :
ALS Vial : 12 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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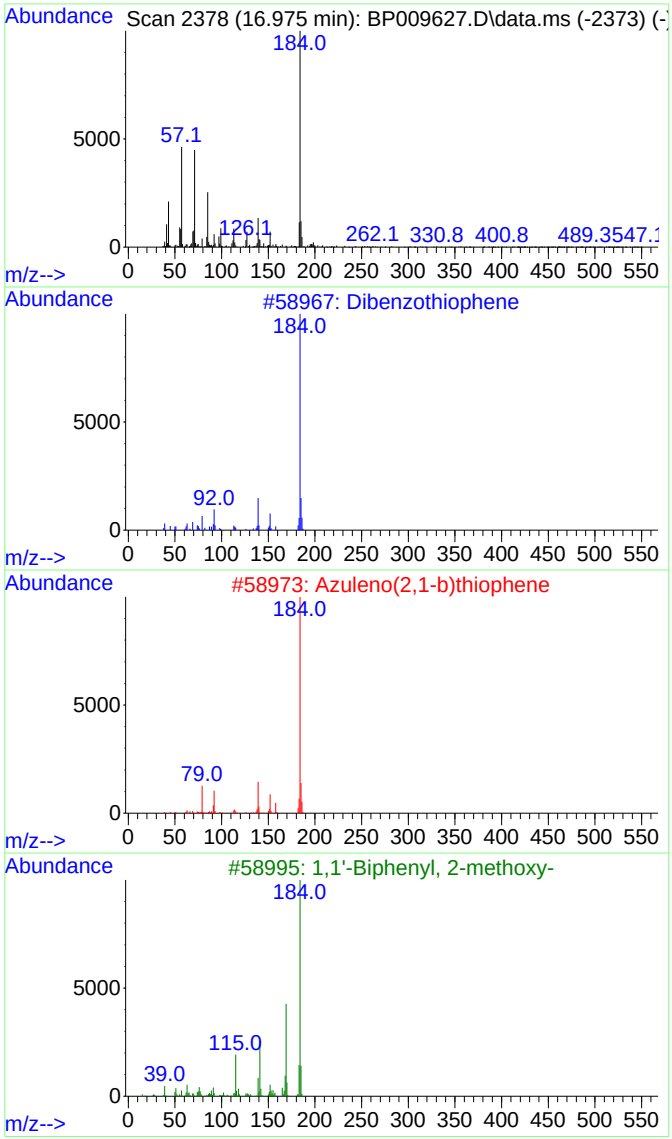
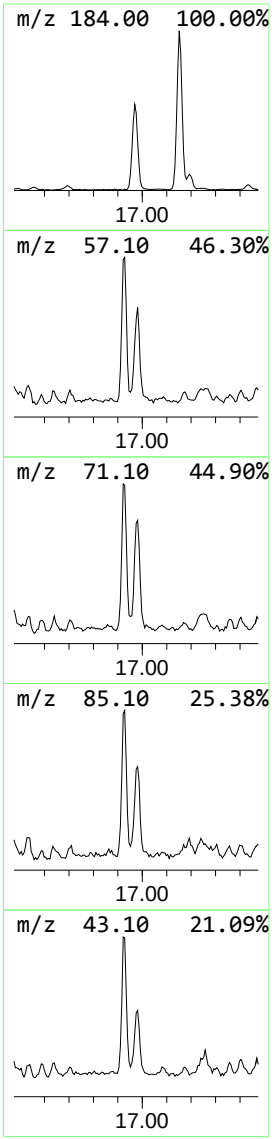
Peak Number 10 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	3.61 ng	419858	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	60
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	53
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	47
4	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	47
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	46





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Sample : N2155-03
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ALS Vial : 12 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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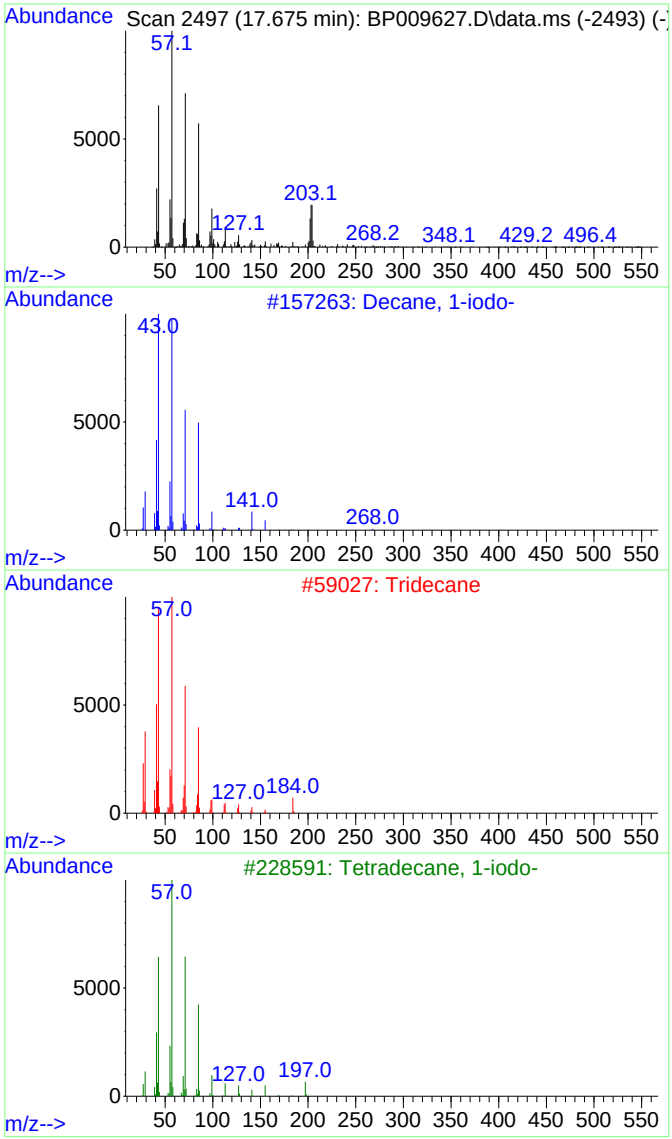
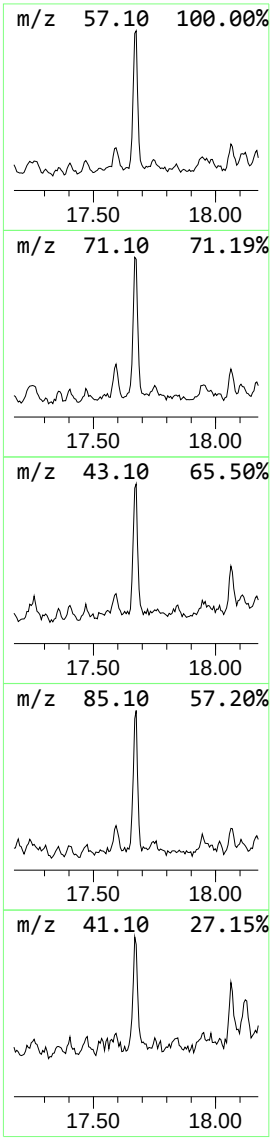
Peak Number 11 Decane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.675	2.29 ng	265952	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	60
2	Tridecane	184	C13H28	000629-50-5	58
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
5	Nonadecane	268	C19H40	000629-92-5	52





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Sample : N2155-03
Misc :
ALS Vial : 12 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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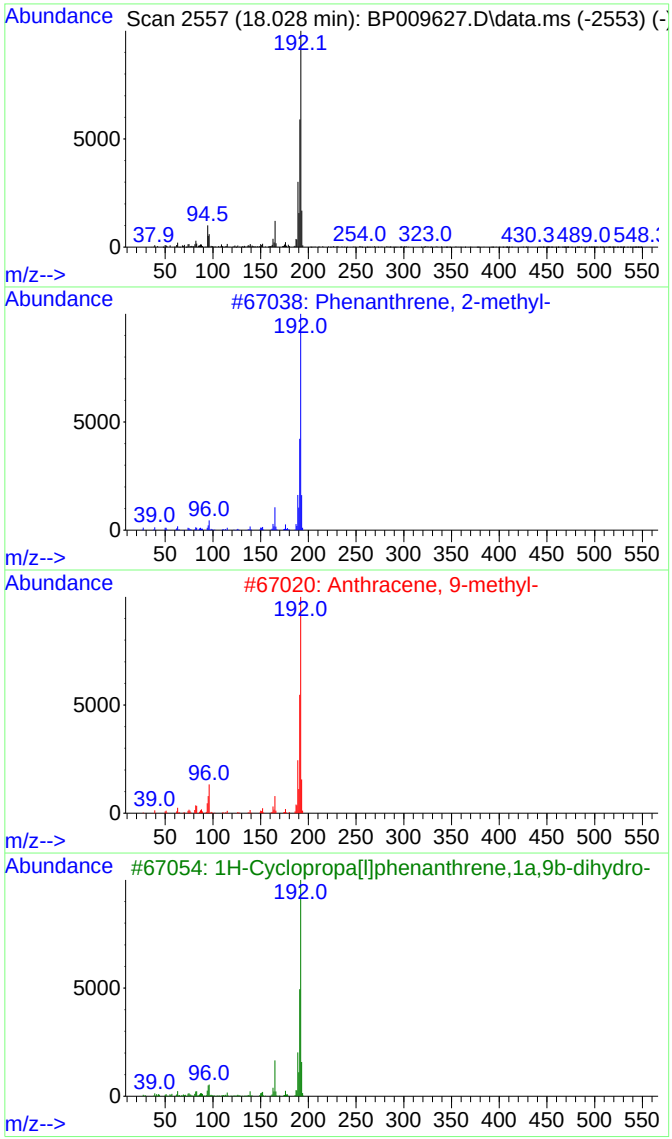
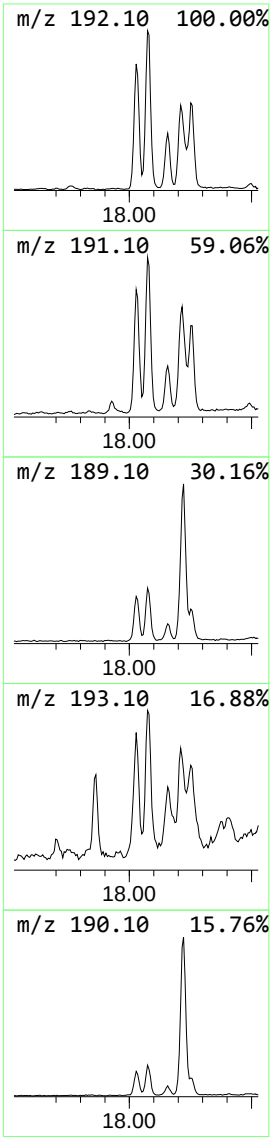
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	2.62 ng	304918	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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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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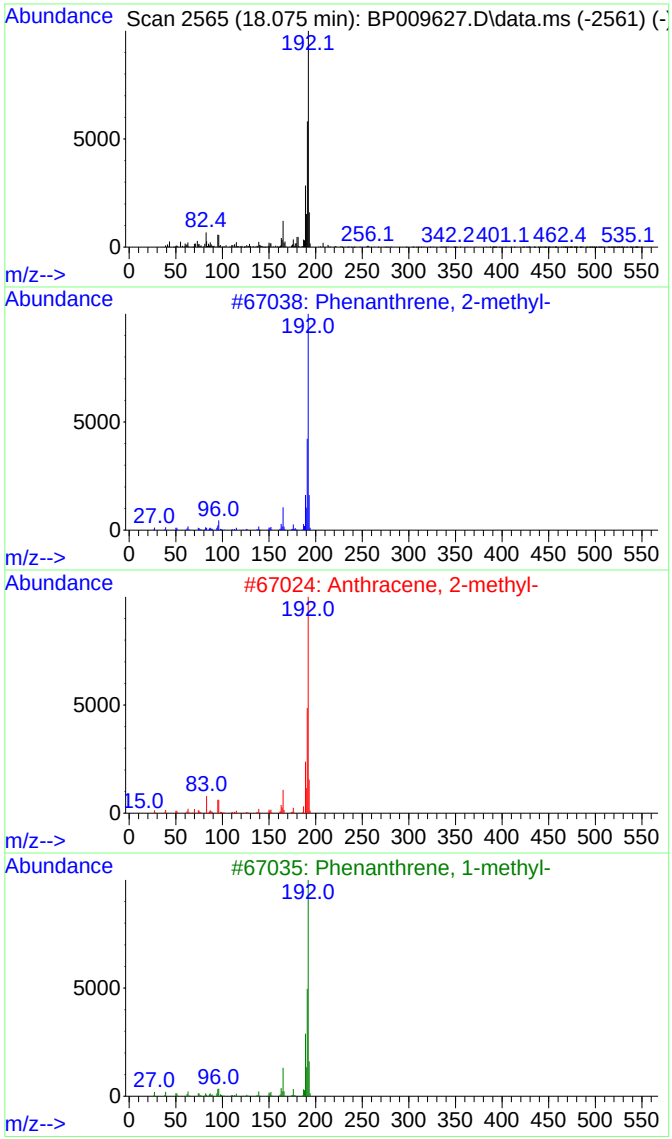
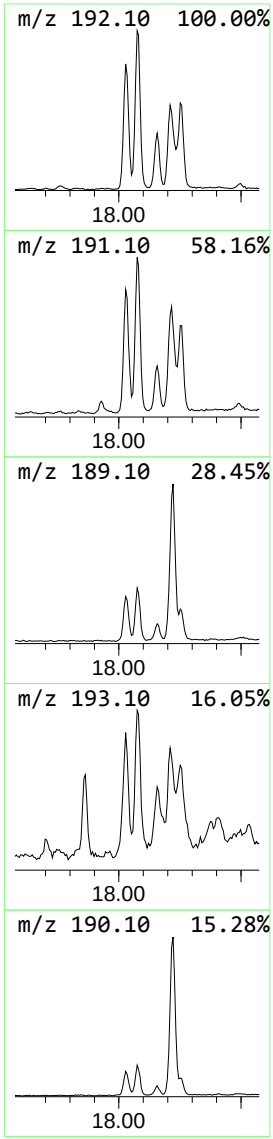
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	4.18 ng	486014	Phenanthrene-d10	17.151

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	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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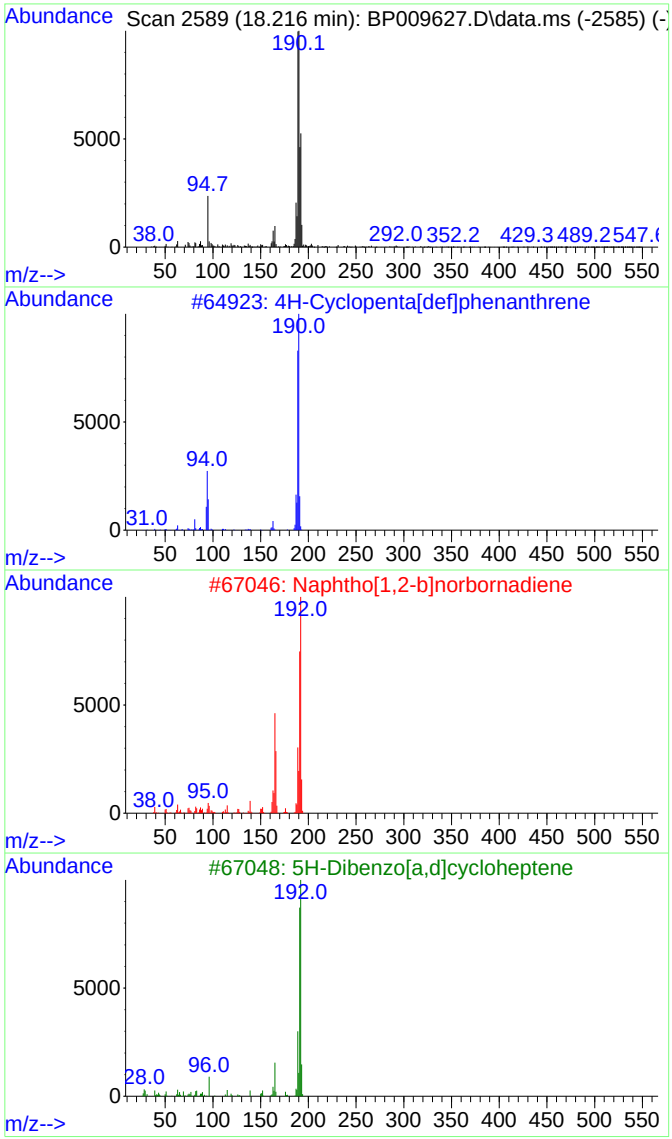
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

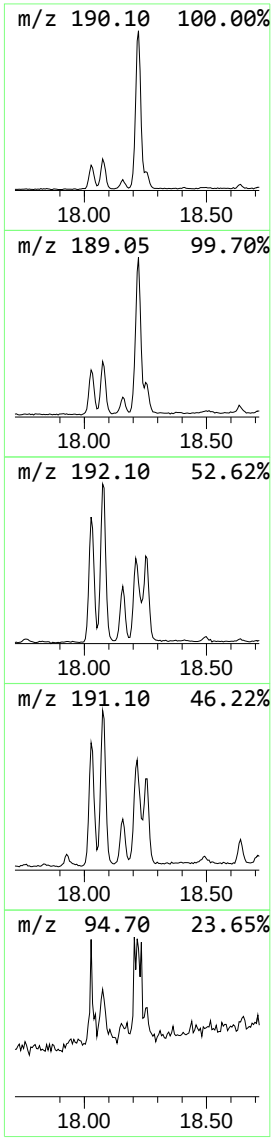
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	4.13 ng	479483	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





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Sample : N2155-03
Misc :
ALS Vial : 12 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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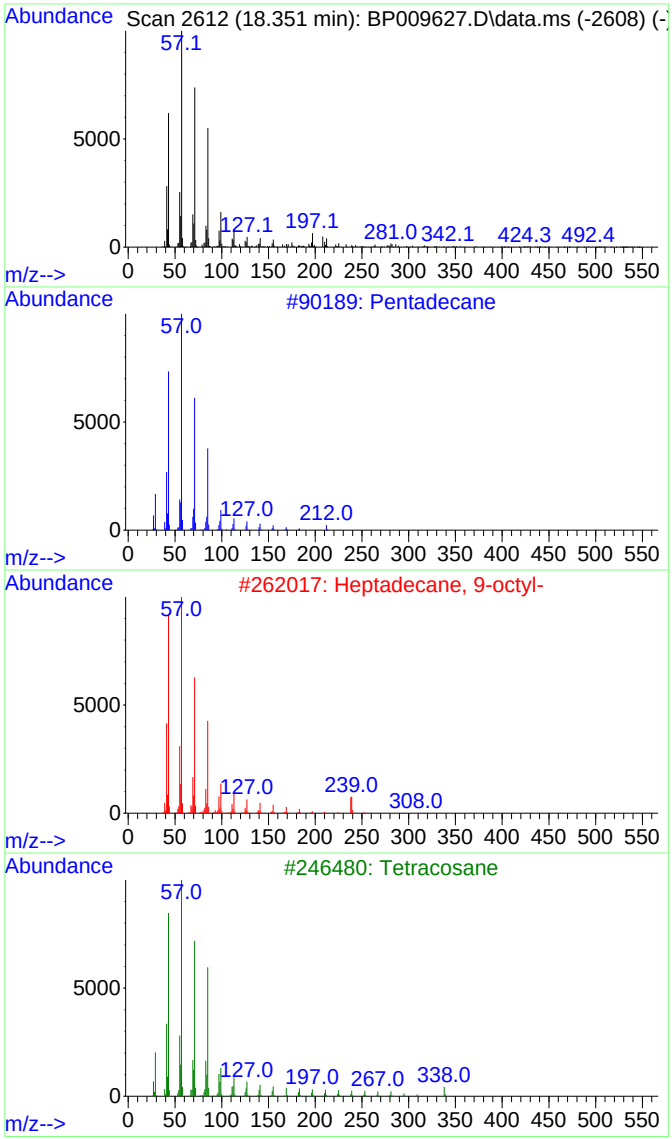
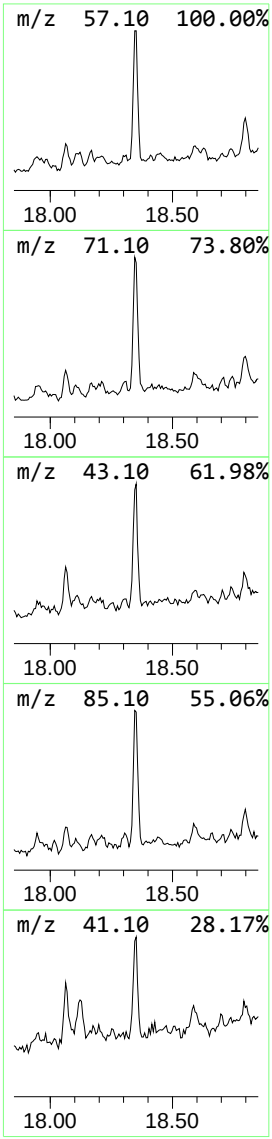
Peak Number 15 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	2.09 ng	242307	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
3	Tetracosane	338	C24H50	000646-31-1	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	9-Methylheneicosane	310	C22H46	070475-51-3	83





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ALS Vial : 12 Sample Multiplier: 1

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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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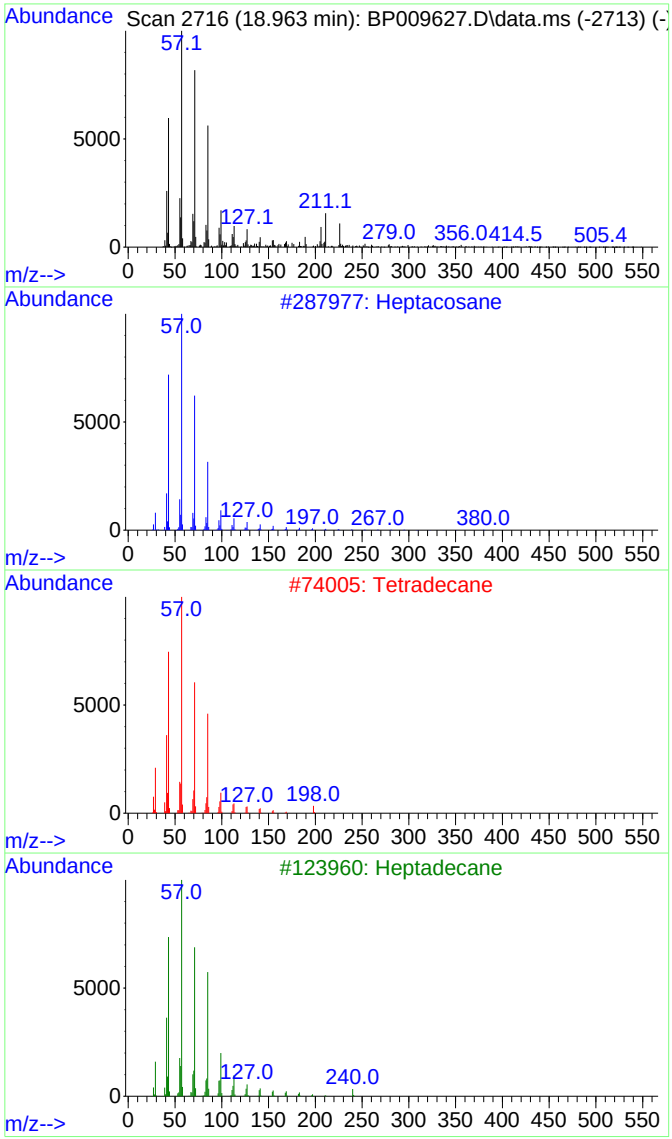
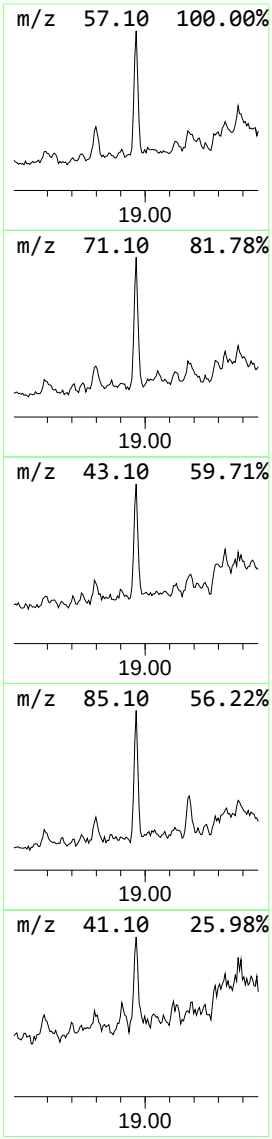
Peak Number 16 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	2.61 ng	302862	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Octacosane	394	C28H58	000630-02-4	81





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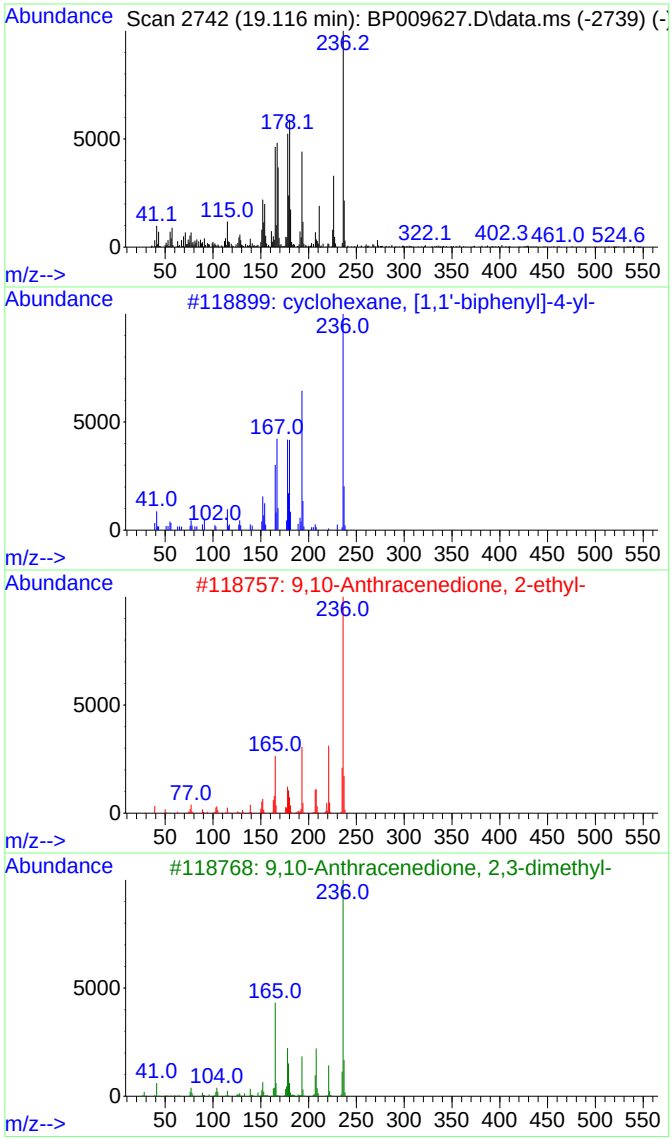
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

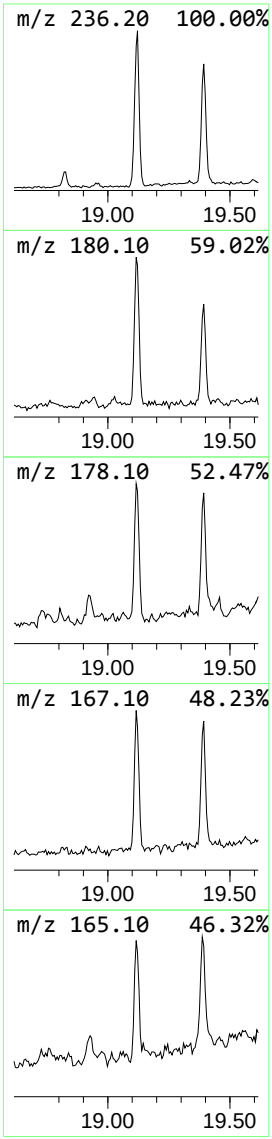
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 cyclohexane, [1,1'-biphenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	2.86 ng	332799	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	95
2	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	43
3	9,10-Anthracenedione, 2,3-dimethyl-	236	C16H12O2	006531-35-7	38
4	11H-Cyclohepta[a]naphthalen-11-o...	236	C17H16O	058111-76-5	38
5	9,10-Anthracenedione, 2,7-dimethyl-	236	C16H12O2	003286-01-9	35





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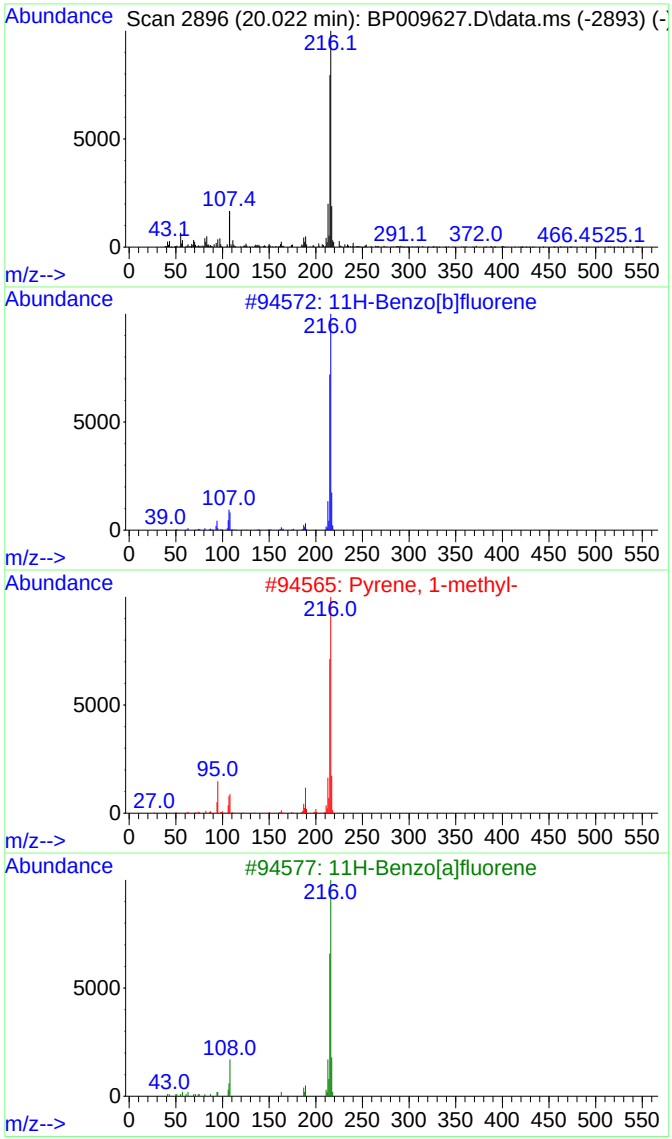
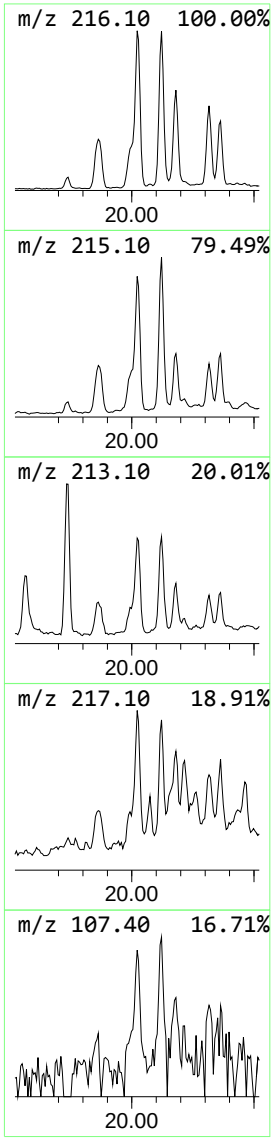
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	2.29 ng	404654	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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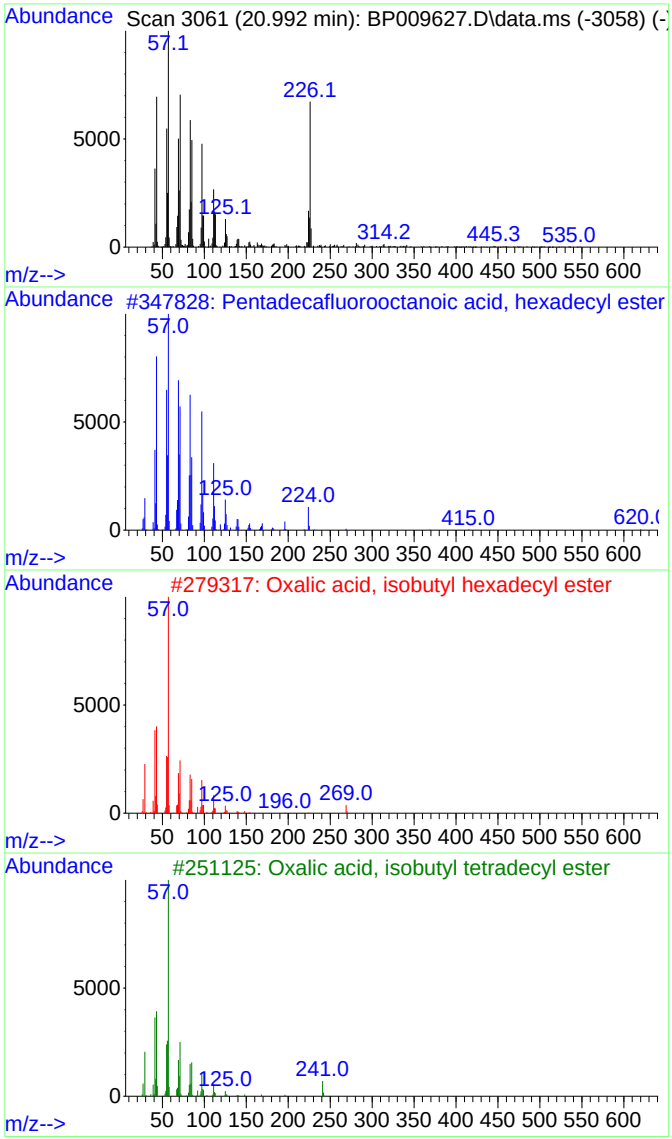
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

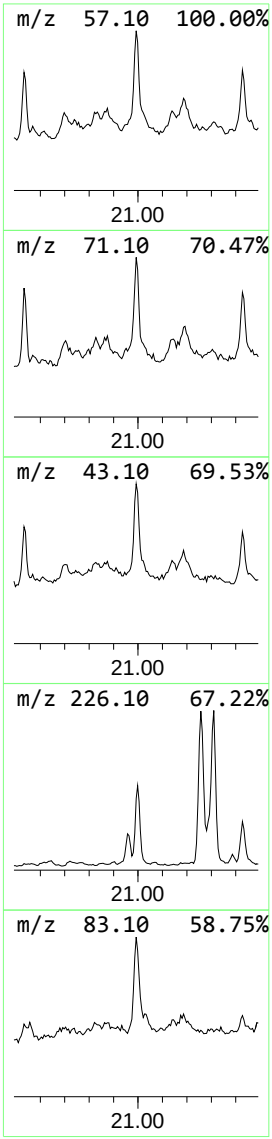
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	6.44 ng	1136970	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	70
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	68
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
5	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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

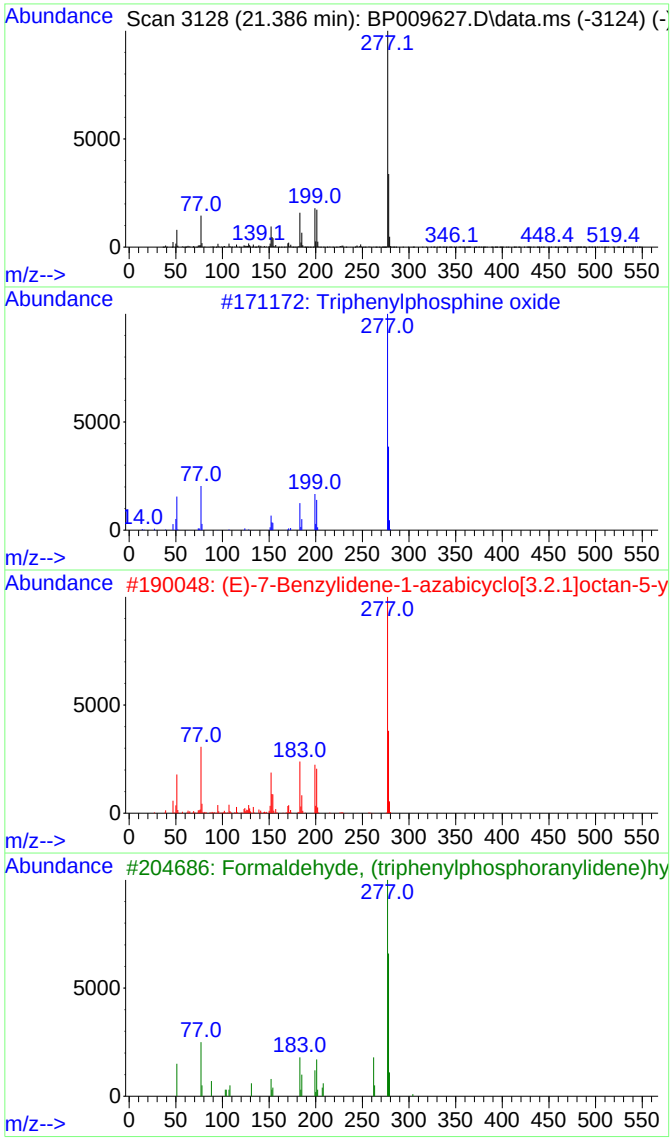
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

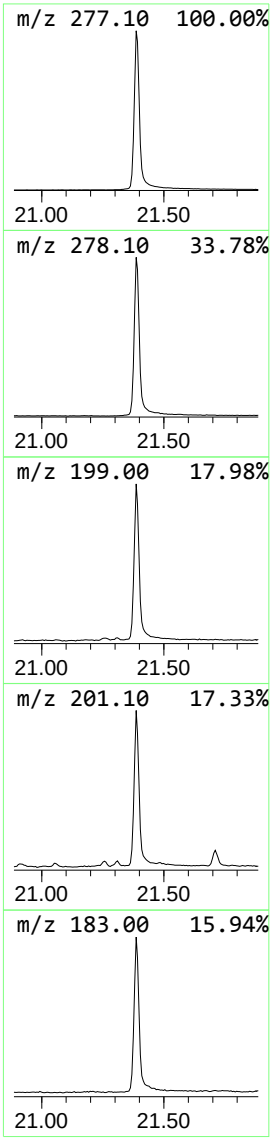
****

Peak Number 20 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	29.45 ng	5201830	Chrysene-d12	21.275

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	36
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009627.D
Acq On : 30 Mar 2022 19:54
Operator : CG/JU
Sample : N2155-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-C

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-...	4.875	43.7	ng	3134570	1	7.740	1433990	20.0
Ethanol, 2-(2-b...	10.322	2.7	ng	290102	2	10.528	2115590	20.0
Tridecane	11.975	2.1	ng	225298	2	10.528	2115590	20.0
Tetradecane	13.222	3.2	ng	347339	3	14.387	2146430	20.0
Naphthalene, 2,...	13.557	2.3	ng	244707	3	14.387	2146430	20.0
Pentacosane	14.298	2.4	ng	252722	3	14.387	2146430	20.0
Hexadecane	15.257	2.1	ng	224364	3	14.387	2146430	20.0
Tridecane, 5-pr...	15.663	2.0	ng	220298	3	14.387	2146430	20.0
Dodecane, 1-iodo-	16.128	3.3	ng	382796	4	17.151	2324180	20.0
Dibenzothiophene	16.975	3.6	ng	419858	4	17.151	2324180	20.0
Decane, 1-iodo-	17.675	2.3	ng	265952	4	17.151	2324180	20.0
Phenanthrene, 2...	18.028	2.6	ng	304918	4	17.151	2324180	20.0
Anthracene, 2-m...	18.075	4.2	ng	486014	4	17.151	2324180	20.0
4H-Cyclopenta[d...	18.216	4.1	ng	479483	4	17.151	2324180	20.0
Pentadecane	18.351	2.1	ng	242307	4	17.151	2324180	20.0
Heptacosane	18.963	2.6	ng	302862	4	17.151	2324180	20.0
cyclohexane, [1...	19.116	2.9	ng	332799	4	17.151	2324180	20.0
11H-Benzo[b]flu...	20.022	2.3	ng	404654	5	21.275	3532760	20.0
Pentadecafluoro...	20.992	6.4	ng	1136970	5	21.275	3532760	20.0
Triphenylphosph...	21.386	29.4	ng	5201830	5	21.275	3532760	20.0