LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 22L076-H

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: BP009608.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.311	219	225	240	rBV3	396435	853019	4.80%	0.608%
2	4.899	317	325	336	rVV	1608332	2978825	16.75%	2.123%
3	5.234	375	382	384	rBV4	197198	350606	1.97%	0.250%
4	5.369	395	405	411	rBV2	900113	1636465	9.20%	1.166%
5	5.646	446	452	457	rBV3	96478	194497	1.09%	0.139%
6	5.734	462	467	471	rVV	112210	206411	1.16%	0.147%
7	5.793	471	477	484	rVV2	449176	756992	4.26%	0.539%
8	5.863	484	489	502	rVB	122634	240257	1.35%	0.171%
9	6.052	512	521	528	rBV4	95395	273006	1.53%	0.195%
10	6.269	550	558	565	rBV2	228026	443217	2.49%	0.316%
11	6.952	662	674	690	rBV	2566514	5206257	29.27%	3.710%
12	7.763	804	812	821	rBV	796564	1444751	8.12%	1.029%
13	8.575	935	950	957	rBV6	79554	276387	1.55%	0.197%
14	8.916	1002	1008	1018	rVV	2159044	4231296	23.79%	3.015%
15	8.999	1018	1022	1031	rVV	130707	275372	1.55%	0.196%
16	10.346	1245	1251	1262	rBV	370786	898268	5.05%	0.640%
17	10.551	1277	1286	1291	rBV	1175127	2276555	12.80%	1.622%
18	10.604	1291	1295	1303	rVB	711635	1281909	7.21%	0.913%
19	11.993	1521	1531	1540	rBV	178742	345292	1.94%	0.246%
20	12.222	1560	1570	1579	rVB	768922	1340620	7.54%	0.955%
21	12.440	1597	1607	1618	rBV	559710	1076800	6.05%	0.767%
22	13.028	1699	1707	1720	rBV	6390283	10068181	56.60%	7.174%
23	13.240	1738	1743	1751	rVB	290859	476416	2.68%	0.339%
24	13.440	1772	1777	1787	rVB	137474	321877	1.81%	0.229%
25	13.581	1792	1801	1808	rBV2	271880	753962	4.24%	0.537%
26	13.728	1820	1826	1831	rBV	427870	796285	4.48%	0.567%
27	13.781	1831	1835	1840	rVB	256435	396595	2.23%	0.283%
28	13.904	1848	1856	1860	rBV2	113116	195197	1.10%	0.139%
29	13.963	1860	1866	1870	rBV2	178272	339008	1.91%	0.242%
30	14.134	1890	1895	1908	rVB	187015	364867	2.05%	0.260%
31	14.322	1922	1927	1932	rVB	272447	381362	2.14%	0.272%
32	14.410	1933	1942	1948	rBV	1742106	2992843	16.83%	2.133%
33	14.469	1948	1952	1961	rVB	607592	1057975	5.95%	0.754%
34	14.628	1973	1979	1987	rBV3	121167	318035	1.79%	0.227%
35	14.722	1988	1995	2000	rBV4	128259	291101	1.64%	0.207%
36	14.810	2005	2010	2017	rVV	316105	617545	3.47%	0.440%

LSC Area Percent Report

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Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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	14.887	2019	2023	2029	rVV	150185	255018	1.43%	0.182%
38	15.034	2041	2048	2052	rBV2	139840	285618	1.61%	0.204%
39	15.222	2070	2080	2086	rBV	1377812	2183889	12.28%	1.556%
40	15.275	2086	2089	2094	rVB	254120	346525	1.95%	0.247%
41	15.463	2116	2121	2125	rBV	569298	801158	4.50%	0.571%
42	15.557	2133	2137	2139	rBV2	124833	185414	1.04%	0.132%
43	15.586	2139	2142	2146	rVV3	195352	320069	1.80%	0.228%
44	15.681	2154	2158	2162	rBV3	120509	195681	1.10%	0.139%
45	15.792	2174	2177	2182	rVB3	182821	284815	1.60%	0.203%
46	15.869	2182	2190	2192	rBV	180867	349137	1.96%	0.249%
47	15.910	2192	2197	2206	rVB3	805585	1469859	8.26%	1.047%
48	16.169	2233	2241	2246	rBV2	752028	1573551	8.85%	1.121%
49	16.263	2251	2257	2262	rBV	1467498	2411040	13.55%	1.718%
50	16.322	2262	2267	2273	rVV2	1278737	2453471	13.79%	1.748%
51	16.381	2273	2277	2281	rVV2	1315809	1933819	10.87%	1.378%
52	16.428	2281	2285	2289	rVB	713239	967683	5.44%	0.690%
53	16.481	2290	2294	2295	rBV2	307299	396192	2.23%	0.282%
54	16.528	2299	2302	2306	rVB2	590000	790479	4.44%	0.563%
55	16.581	2306	2311	2318	rVB4	1187186	2256183	12.68%	1.608%
56	16.651	2318	2323	2327	rBV	1488007	2157678	12.13%	1.537%
57	16.722	2332	2335	2349	rVB2	947479	1628632	9.16%	1.161%
58	16.945	2369	2373	2376	rVV	235046	302679	1.70%	0.216%
59	16.992	2377	2381	2390	rVB3	371379	676951	3.81%	0.482%
60	17.175	2406	2412	2415	rBV	2036051	3109255	17.48%	2.216%
61	17.216	2415	2419	2426	rVV	2920516	4378534	24.62%	3.120%
62	17.310	2430	2435	2441	rVB	636123	1022428	5.75%	0.729%
63	17.375	2442	2446	2451	rBV4	139276	252556	1.42%	0.180%
64	17.586	2479	2482	2492	rVB	145478	302825	1.70%	0.216%
65	17.692	2496	2500	2505	rVV2	298214	414941	2.33%	0.296%
66	17.757	2508	2511	2521	rVB	181416	329040	1.85%	0.234%
67	18.051	2556	2561	2564	rVV	575292	931449	5.24%	0.664%
68	18.092	2564	2568	2575	rVV2	1016554	1936982	10.89%	1.380%
69	18.175	2579	2582	2587	rVV	267164	459753	2.58%	0.328%
70	18.239	2587	2593	2596	rVV2	791811	1471892	8.27%	1.049%
71	18.275	2597	2599	2605	rVB	433236	499694	2.81%	0.356%
72	18.369	2611	2615	2622	rBV2	289475	453351	2.55%	0.323%
73	18.492	2633	2636	2640	rBV2	203283	247589	1.39%	0.176%
74	18.533	2640	2643	2648	rVV	268735	359912	2.02%	0.256%
75	18.945	2708	2713	2716	rBV	359069	594870	3.34%	0.424%
76	18.980	2717	2719	2726	rVB3	266253	561463	3.16%	0.400%

LSC Area Percent Report

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Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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
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Peak separation: 5

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

77	19.204	2750	2757	2765	rBV	3138218	6417066	36.08%	4.573%
78	19.551	2808	2816	2825	rBV	2628800	4678430	26.30%	3.334%
79	19.757	2845	2851	2856	rBV	10340403	13715530	77.11%	9.773%
80	21.016	3062	3065	3071	rBV4	1025564	1639771	9.22%	1.168%
81	21.286	3106	3111	3115	rBV2	2964031	5181728	29.13%	3.692%
82	21.410	3127	3132	3142	rBV	11527860	17787996	100.00%	12.675%
83	23.686	3514	3519	3527	rVB	1690710	3407439	19.16%	2.428%

Sum of corrected areas: 140338086

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
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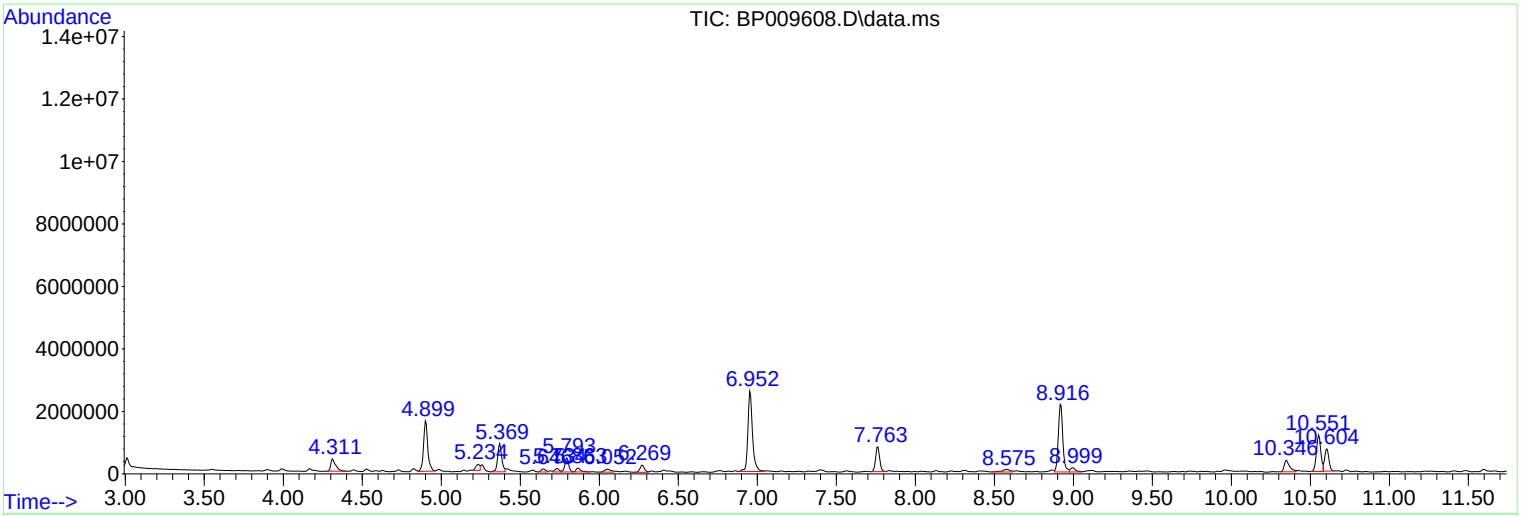
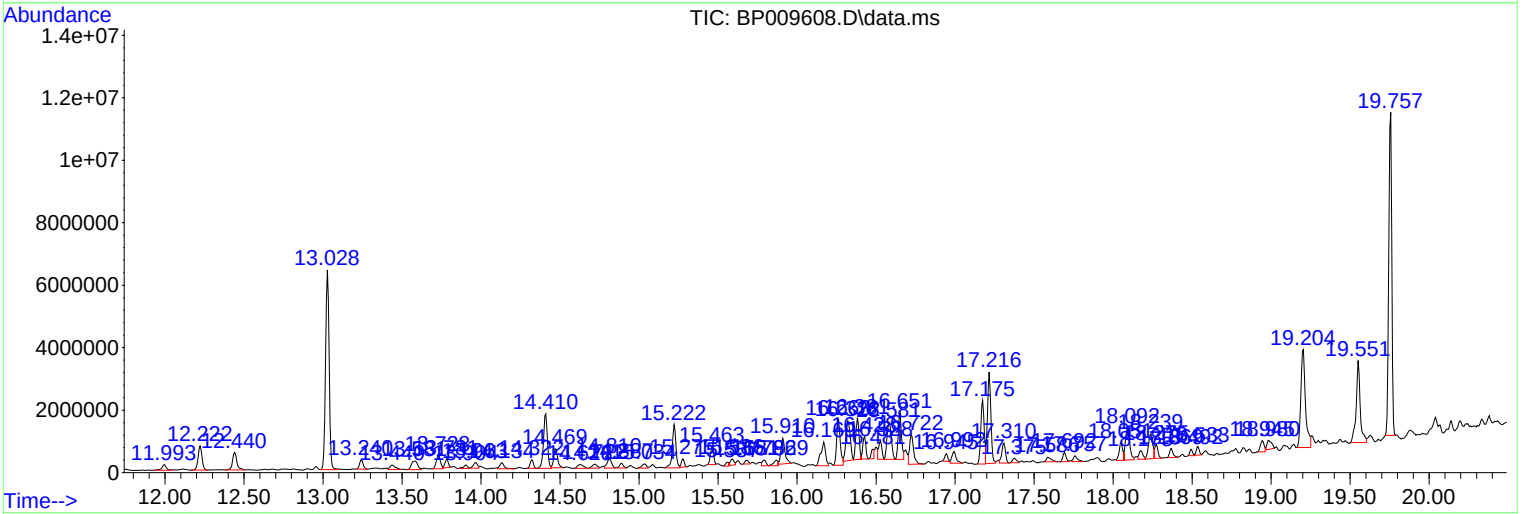
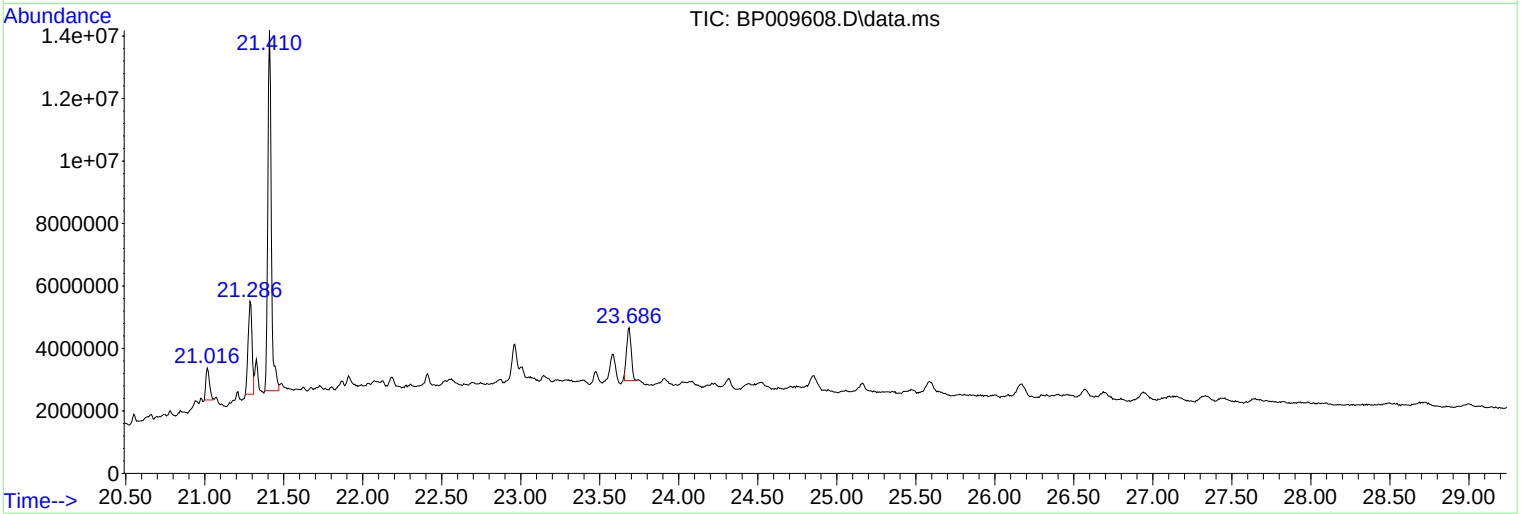
Instrument :
BNA_P
ClientSampleId :
22L076-H

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 : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
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Instrument :
BNA_P
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22L076-H

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

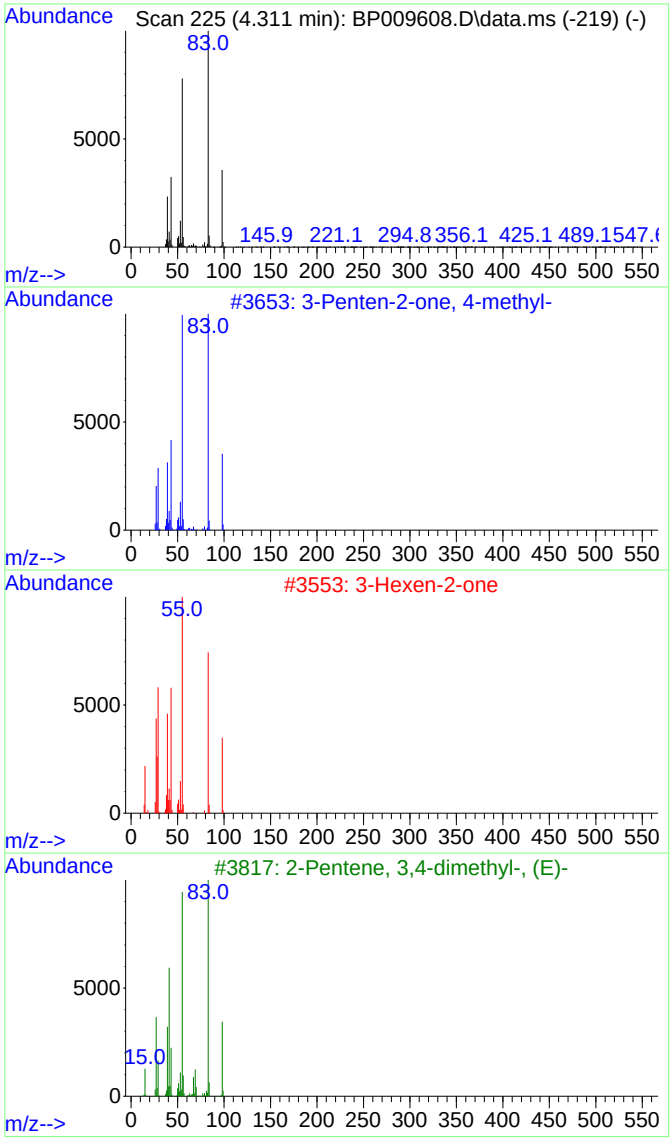
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

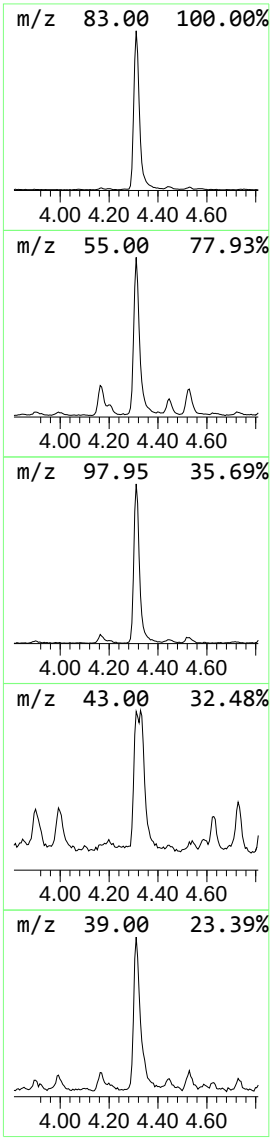
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.311	11.81 ng	853019	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

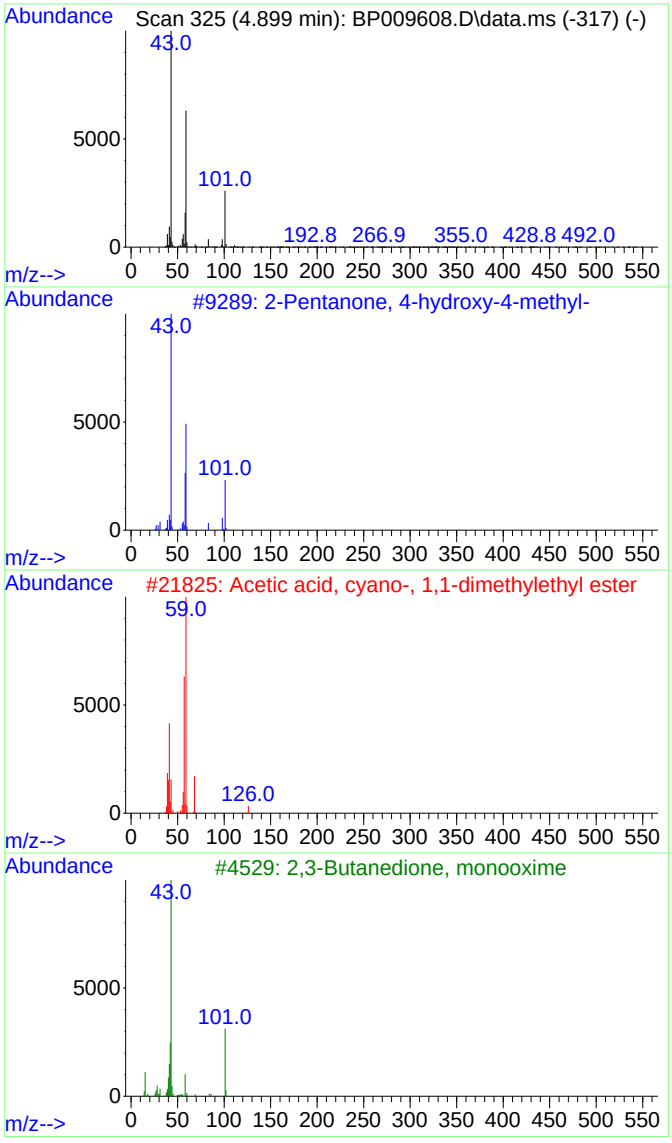
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

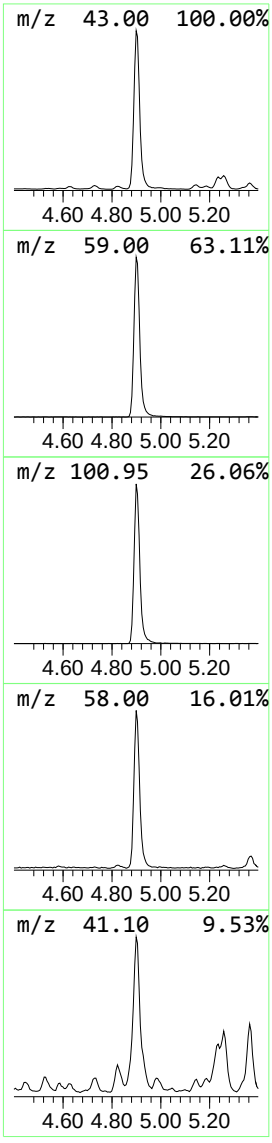
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	41.24 ng	2978830	1,4-Dichlorobenzene-d4	7.763

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	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

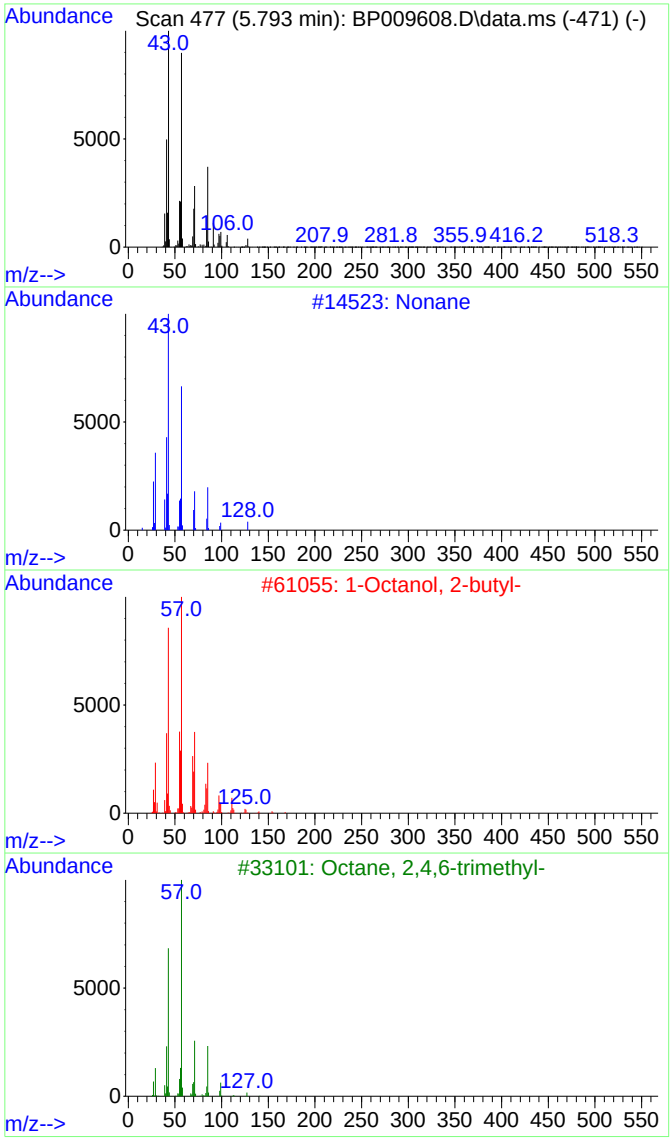
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

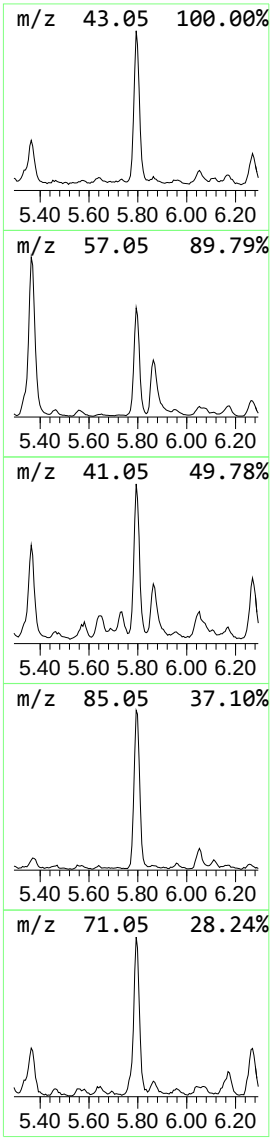
****

Peak Number 3 Nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.793	10.48 ng	756992	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	58
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	50
5	Octane	114	C8H18	000111-65-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

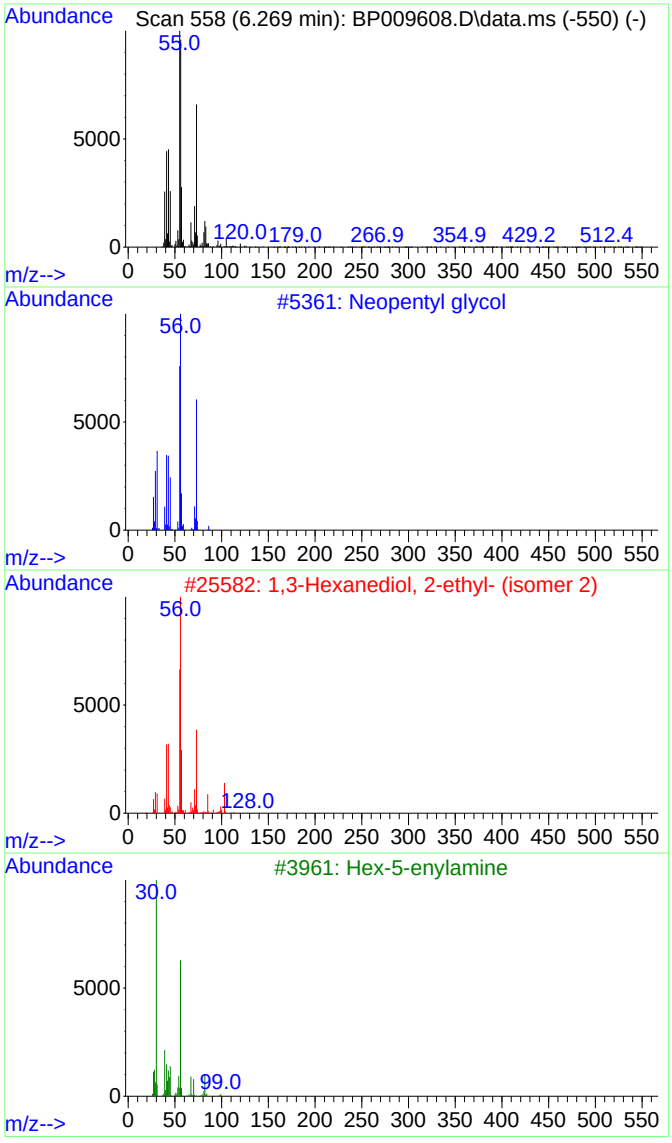
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

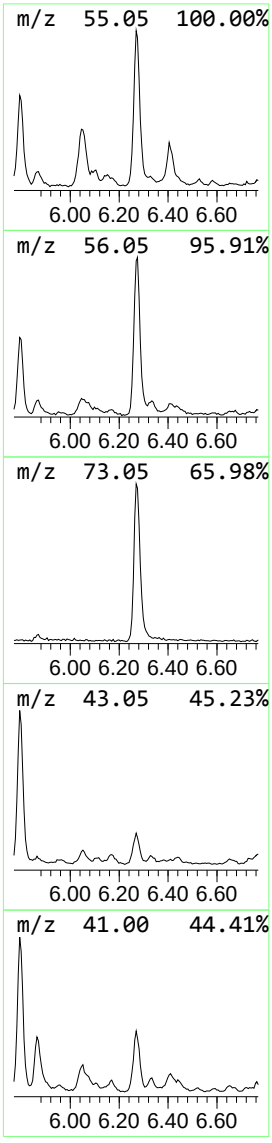
****

Peak Number 4 Neopentyl glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	6.14 ng	443217	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	64
2	1,3-Hexanediol, 2-ethyl- (isomer 2)	146	C8H18O2	1000484-18-1	53
3	Hex-5-enylamine	99	C6H13N	034825-70-2	47
4	2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	45
5	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

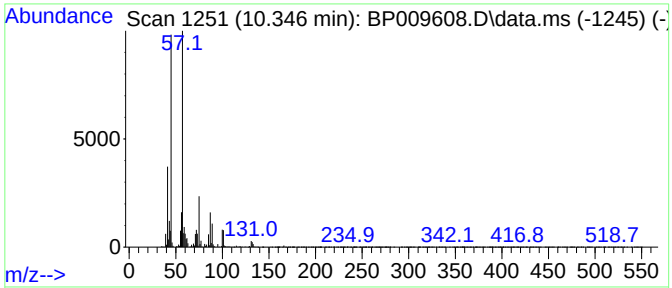
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

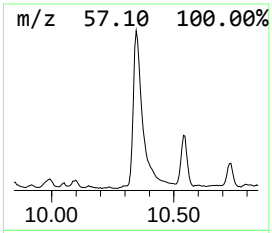
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

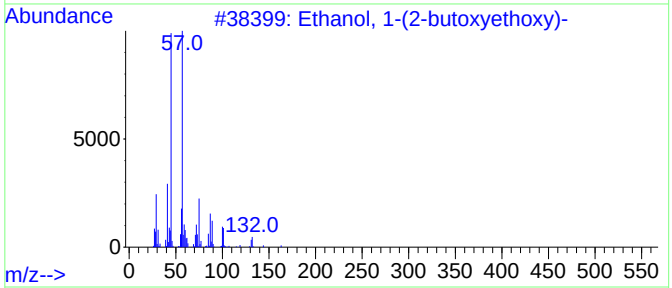
****
Peak Number 5 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 15

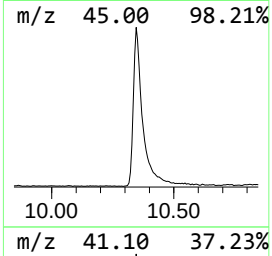
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.346	7.89 ng	898268	Naphthalene-d8	10.551

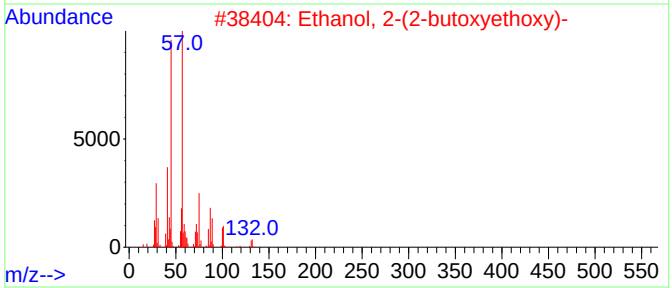
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50

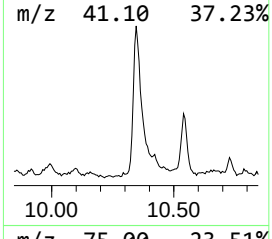


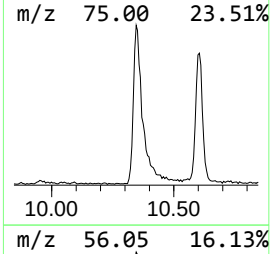


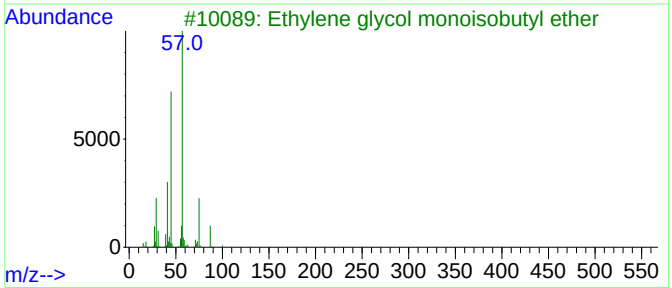


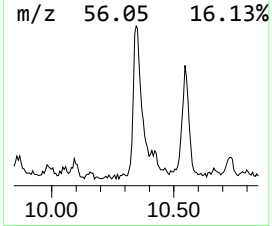












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Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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

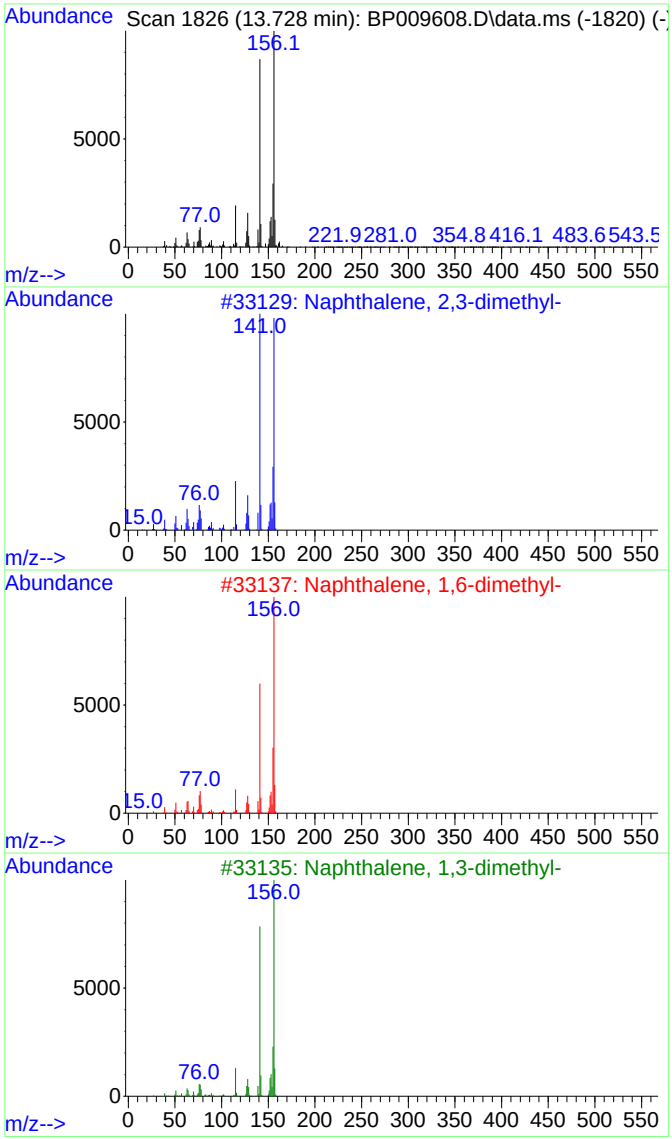
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

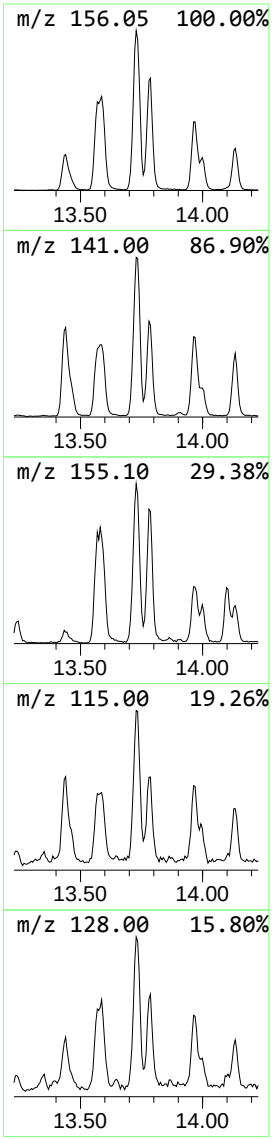
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.728	5.32 ng	796285	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

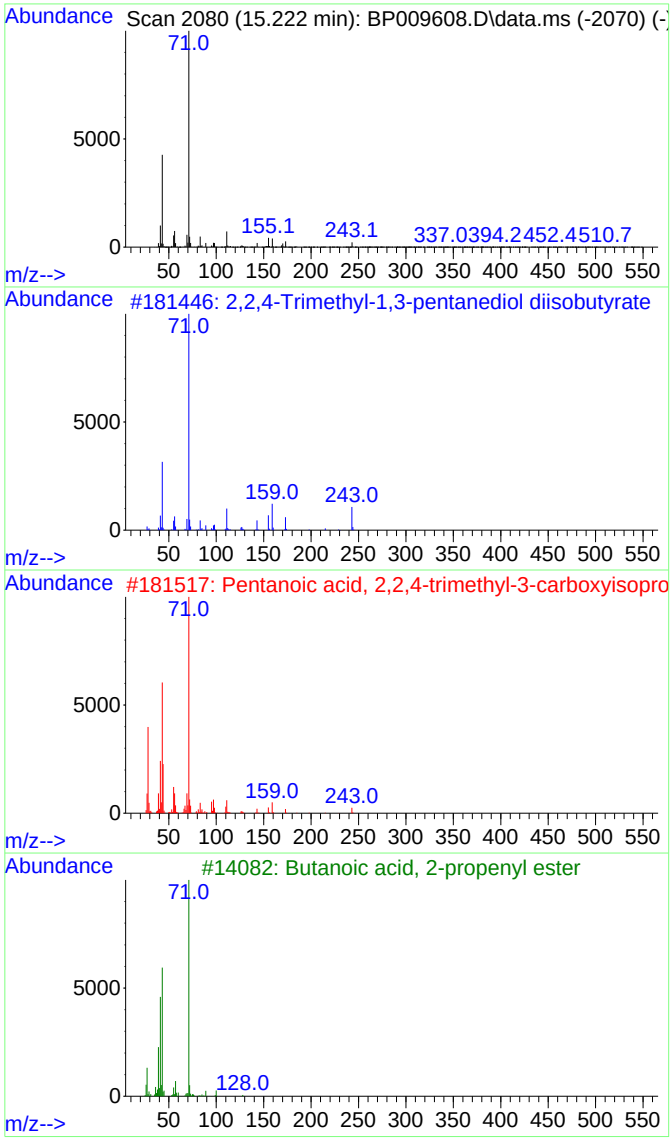
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

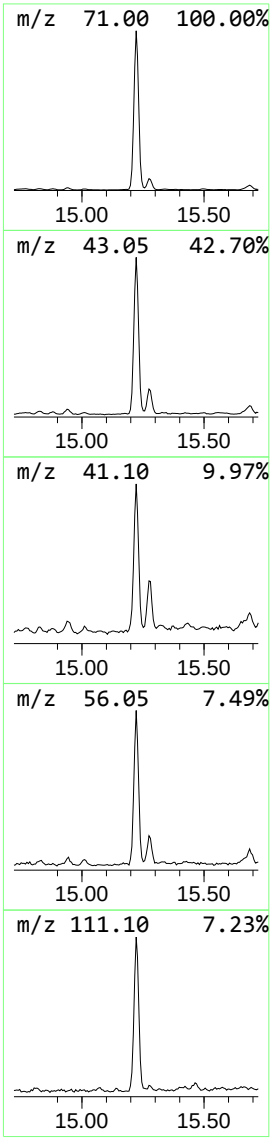
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.222	14.59 ng	2183890	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	90
2	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	64
3	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	59
4	2-Ethyltetrahydrofuran	100	C6H12O	1010431-64-0	59
5	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	45





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Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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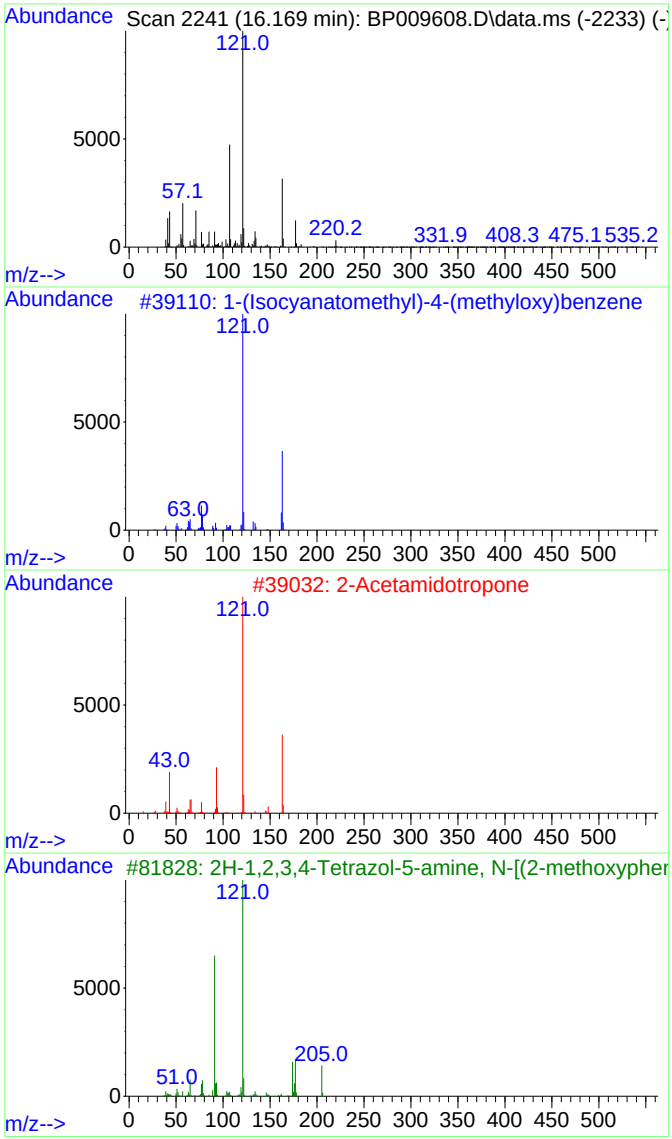
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

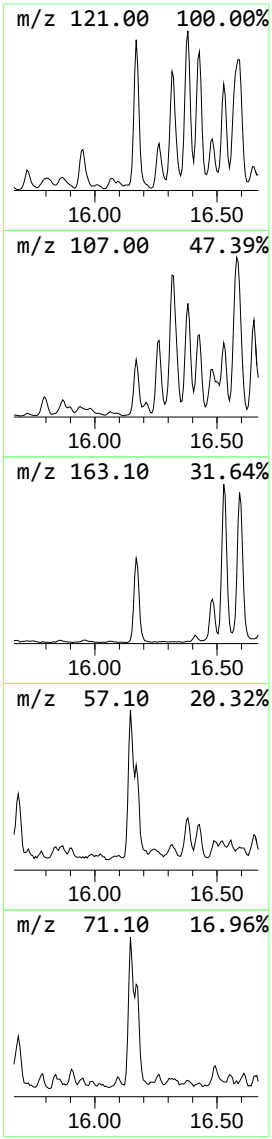
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-(Isocyanatomethyl)-4-(met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	10.12 ng	1573550	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	50
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3	2H-1,2,3,4-Tetrazol-5-amine, N-[...	205	C9H11N5O	1000337-56-1	47
4	benzoic acid, 4-(acetyloxy)-, 4-...	281	C16H11NO4	1000401-91-0	47
5	2-Butanone, 4-(4-methoxyphenyl)-	178	C11H14O2	000104-20-1	43





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Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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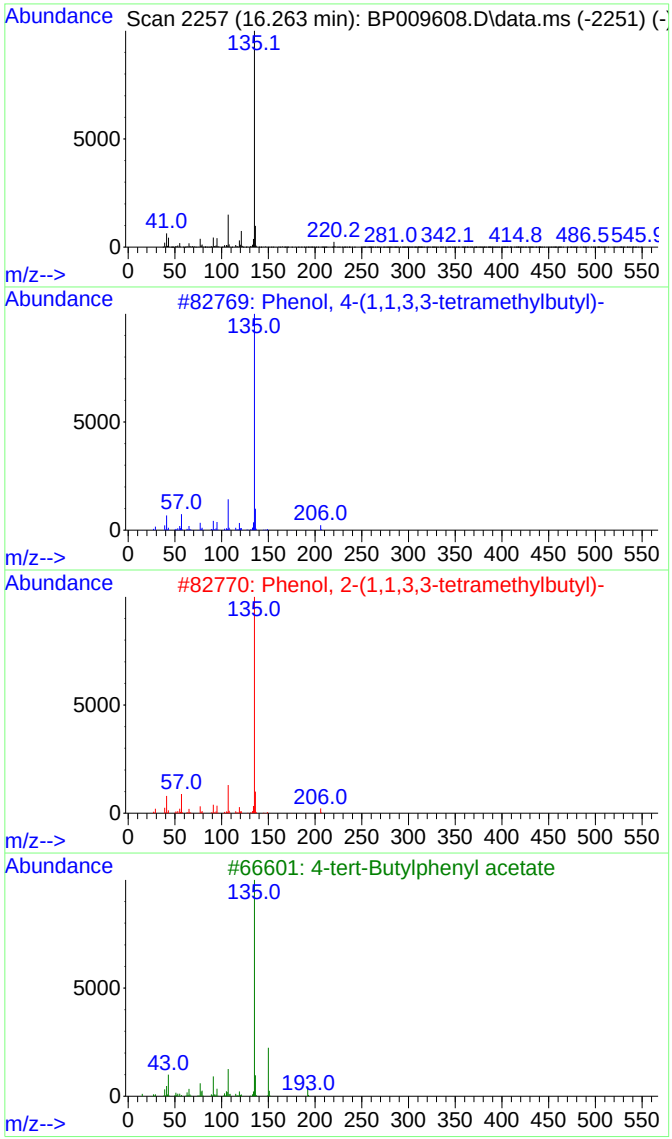
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

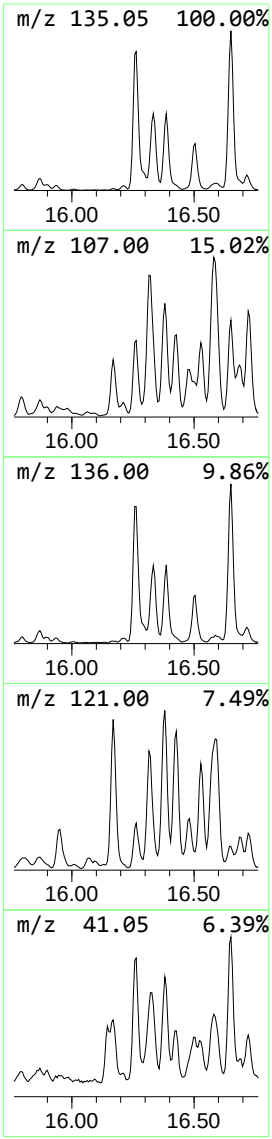
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	15.51 ng	2411040	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	86
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	64





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

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

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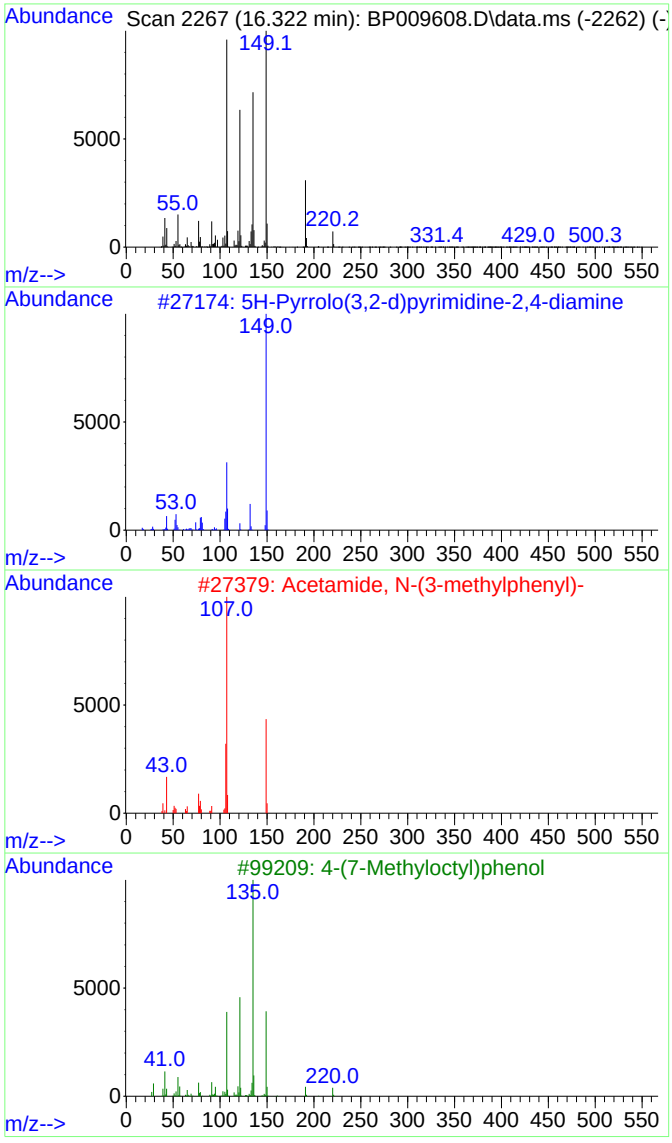
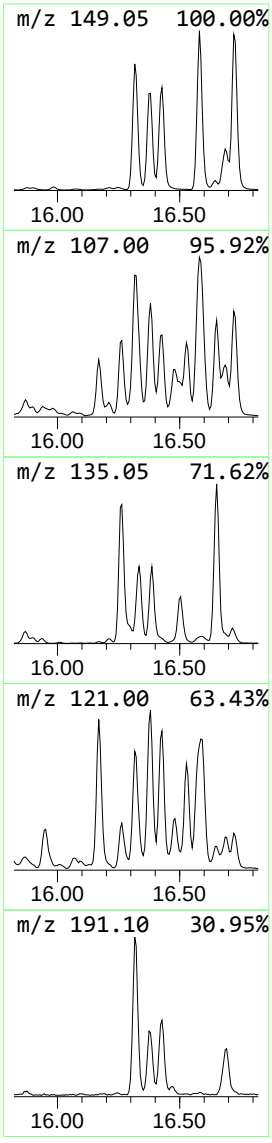
Peak Number 10 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.322	15.78 ng	2453470	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	50
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50
3	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	46
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38
5	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	38





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Sample : N2155-08
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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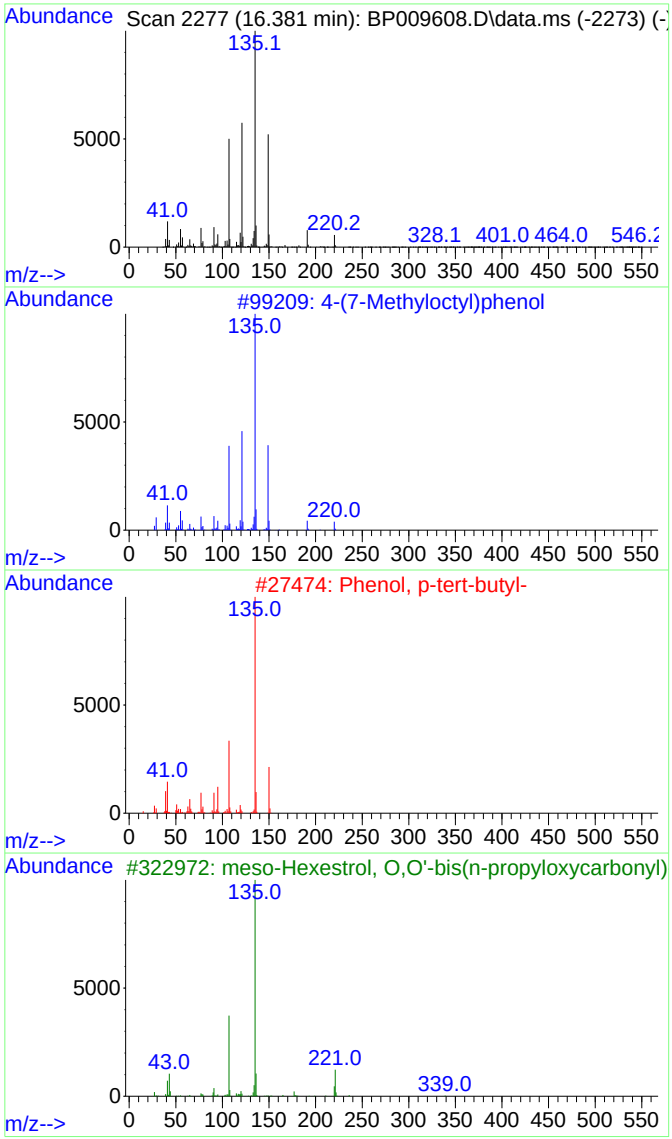
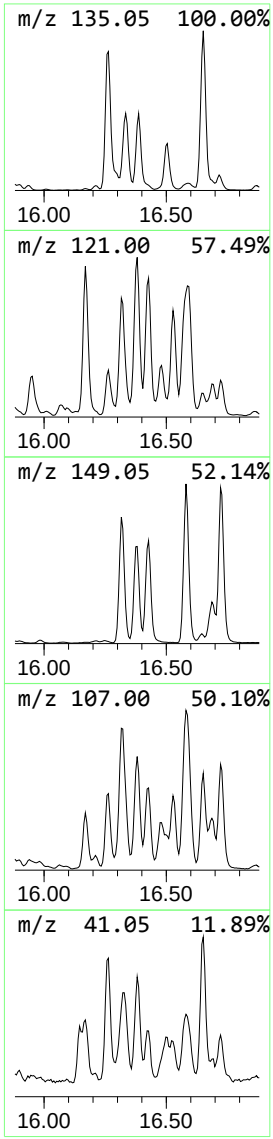
Peak Number 11 4-(7-Methyloctyl)phenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.381	12.44 ng	1933820	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	meso-Hexestrol, O,O'-bis(n-propy...	442	C26H34O6	1000487-65-0	53
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	52
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	52





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Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 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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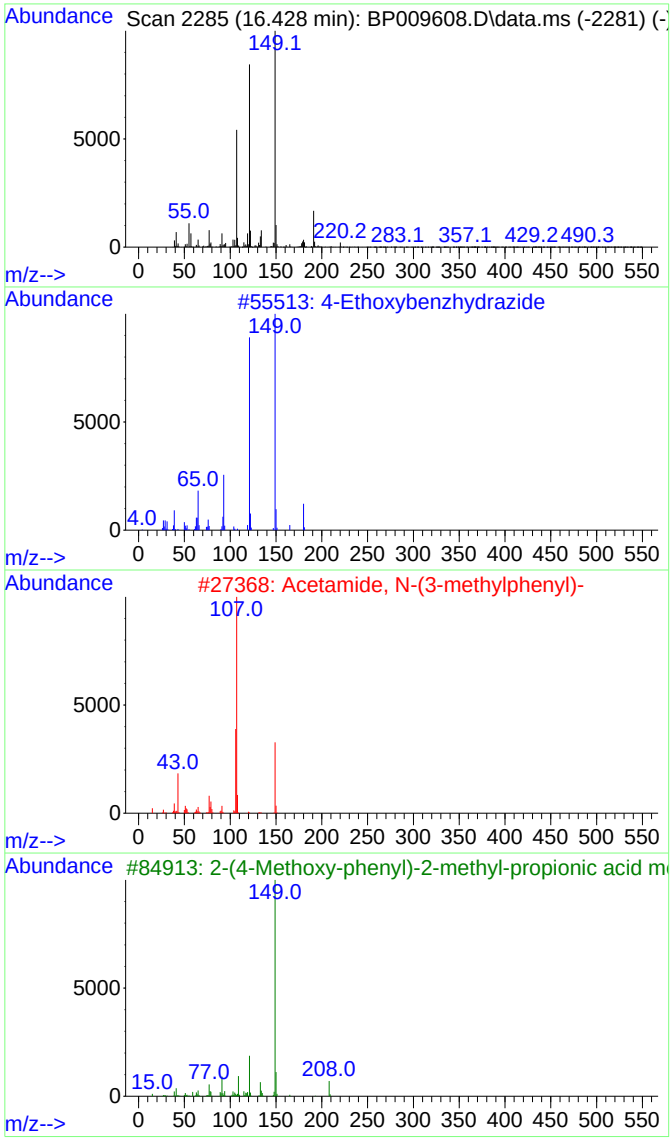
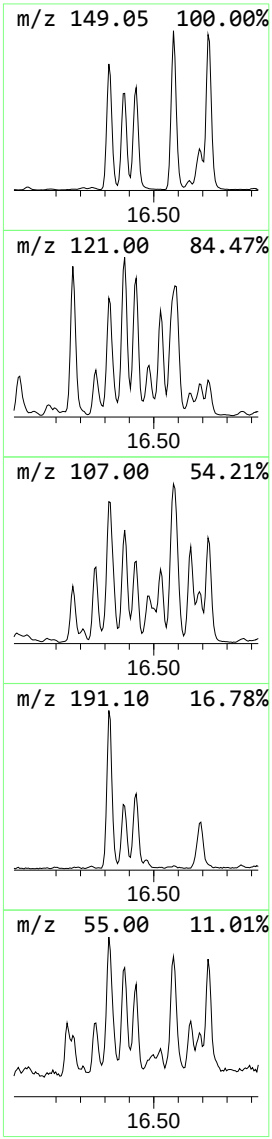
Peak Number 12 4-Ethoxybenzhydrazide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.428	6.22 ng	967683	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethoxybenzhydrazide	180	C9H12N2O2	058586-81-5	53
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	35
4	2-sec-Butylphenol, O-isopropylox...	236	C14H20O3	1000487-30-6	30
5	Isoxazole, 4,5-dihydro-5-[(4-met...	191	C11H13NO2	1010362-14-0	30





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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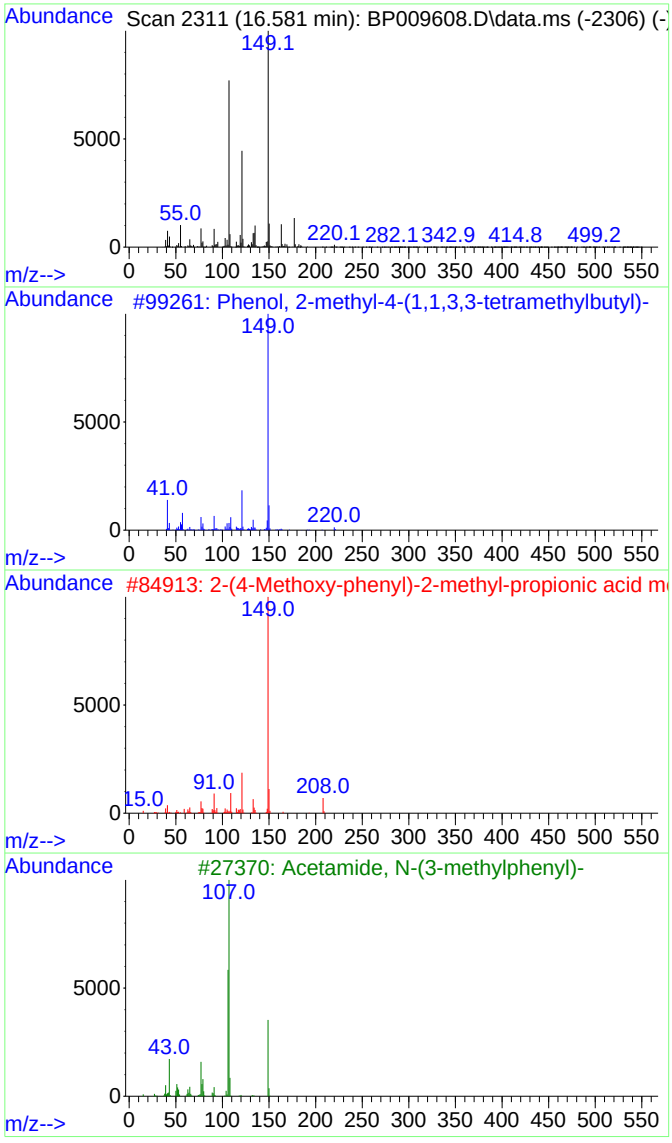
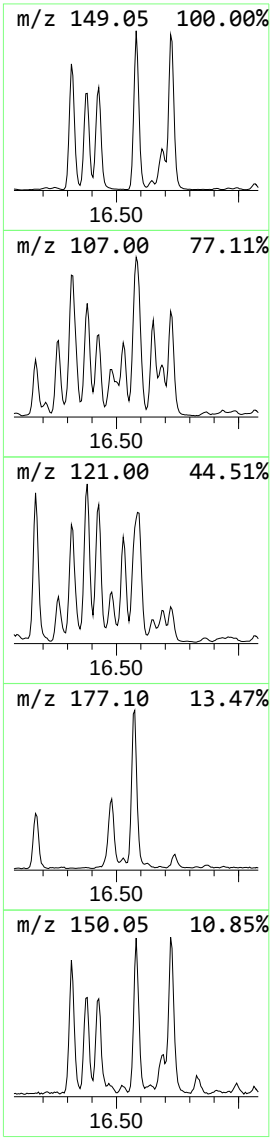
Peak Number 13 unknown16.581 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.581	14.51 ng	2256180	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	38
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	35
5	3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	35





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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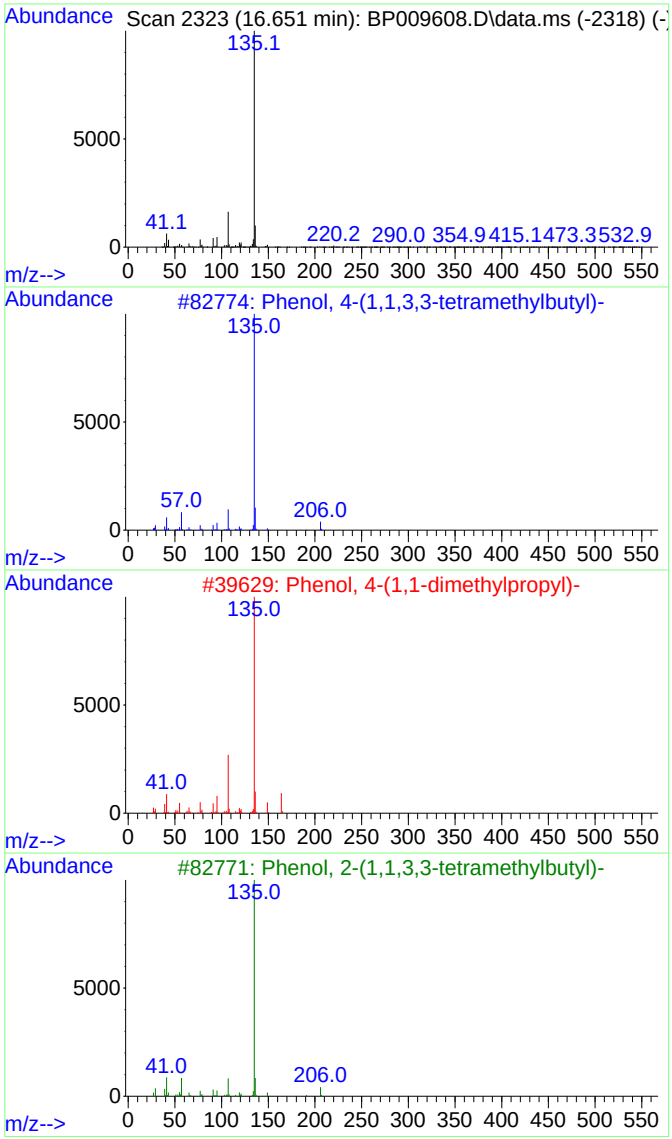
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

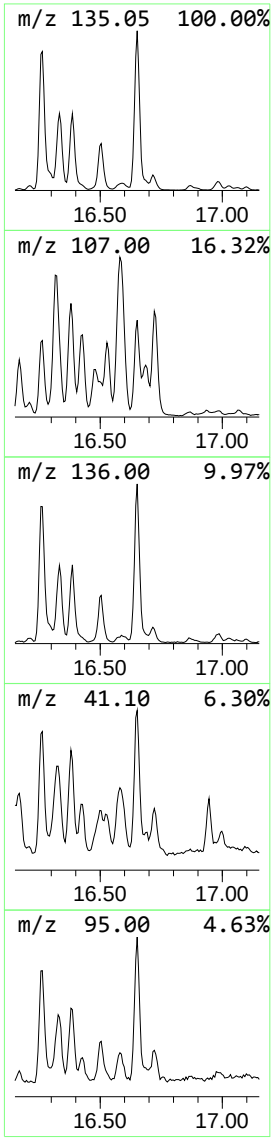
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.651	13.88 ng	2157680	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72





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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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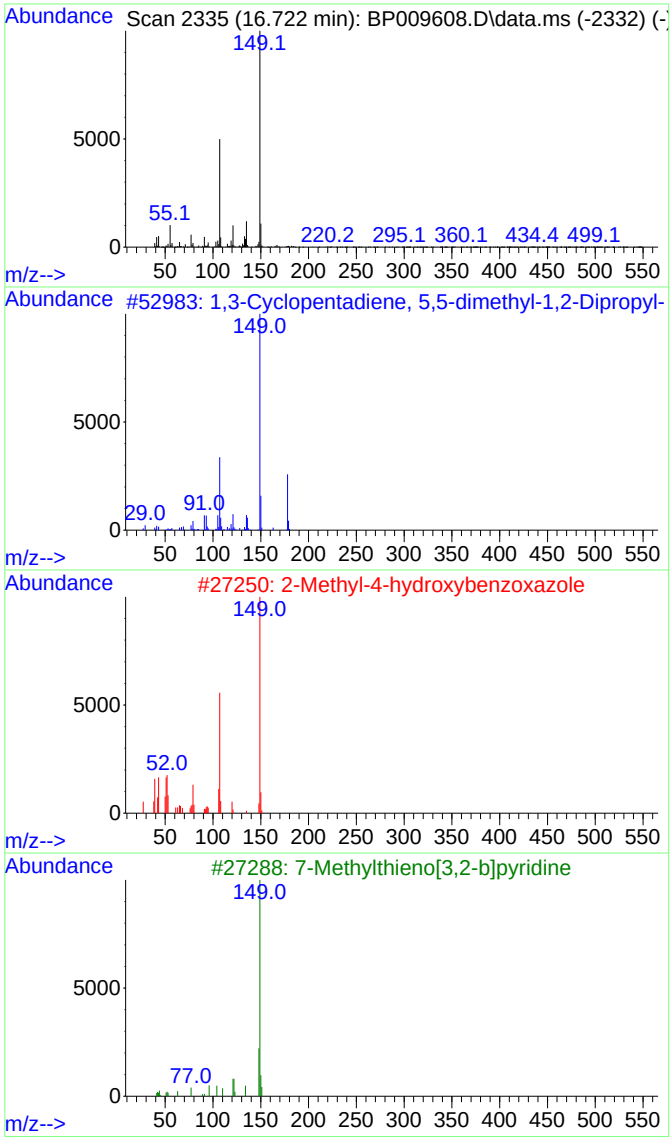
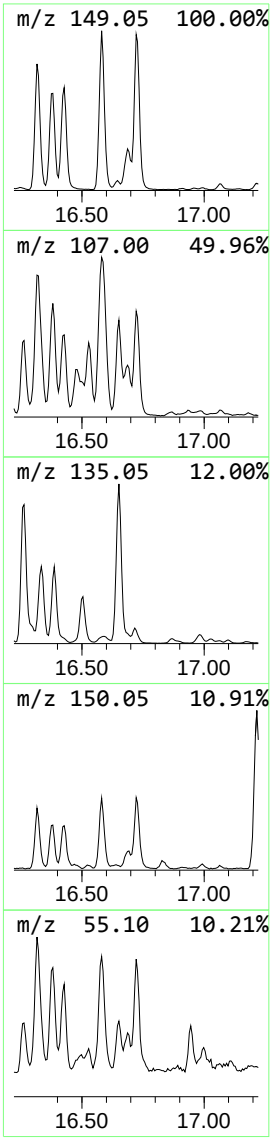
Peak Number 15 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	10.48 ng	1628630	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	78
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	47
4	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	47
5	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	47





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Data File : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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

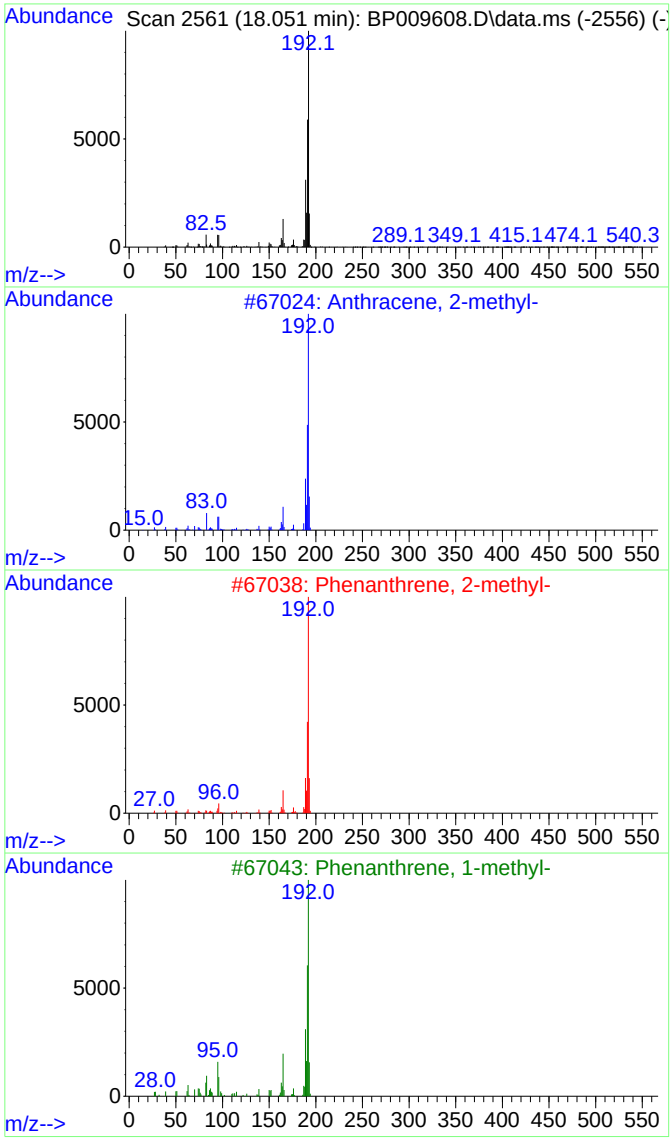
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

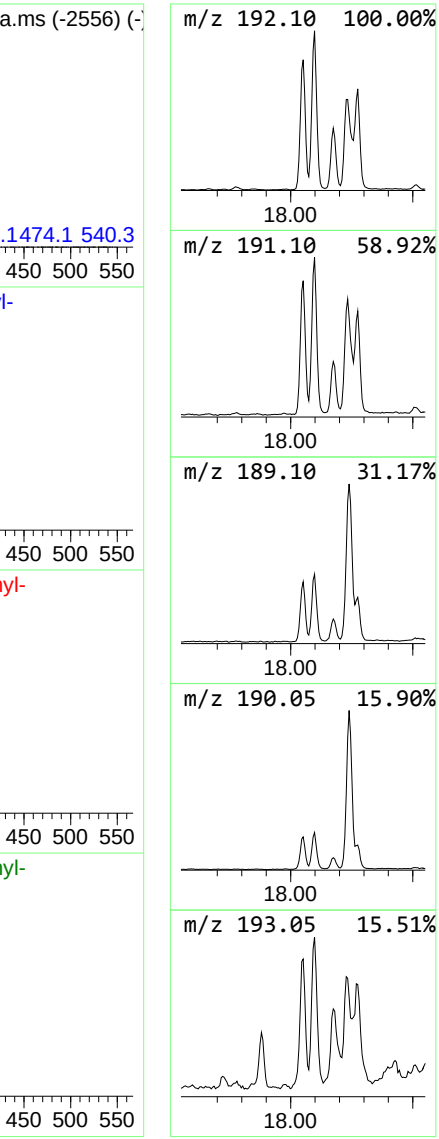
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	5.99 ng	931449	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BP009608.D
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Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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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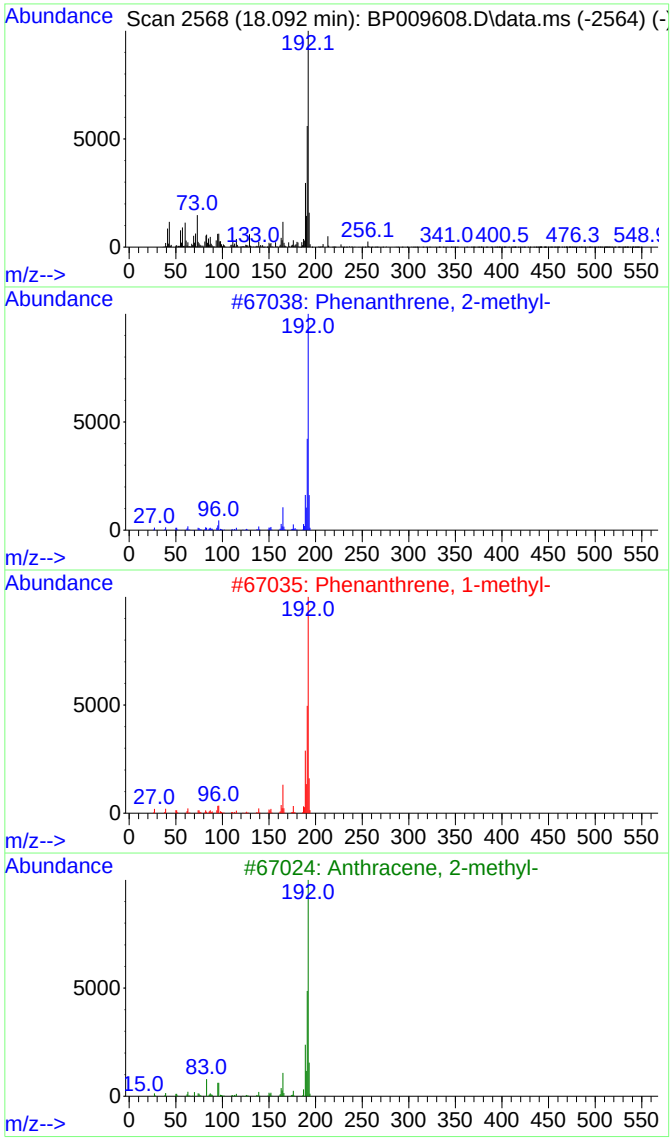
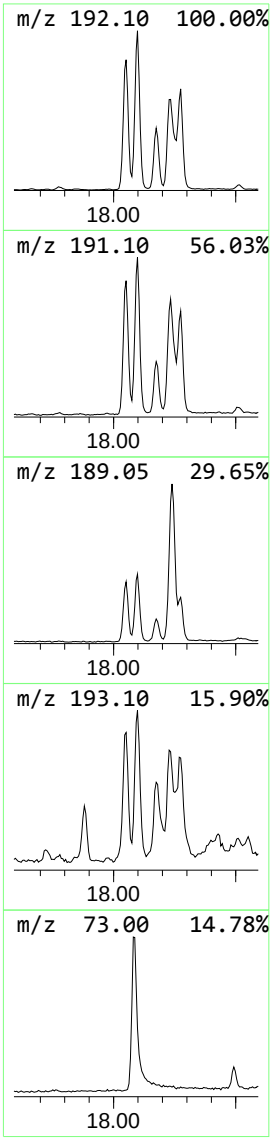
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	12.46 ng	1936980	Phenanthrene-d10	17.175

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





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Data File : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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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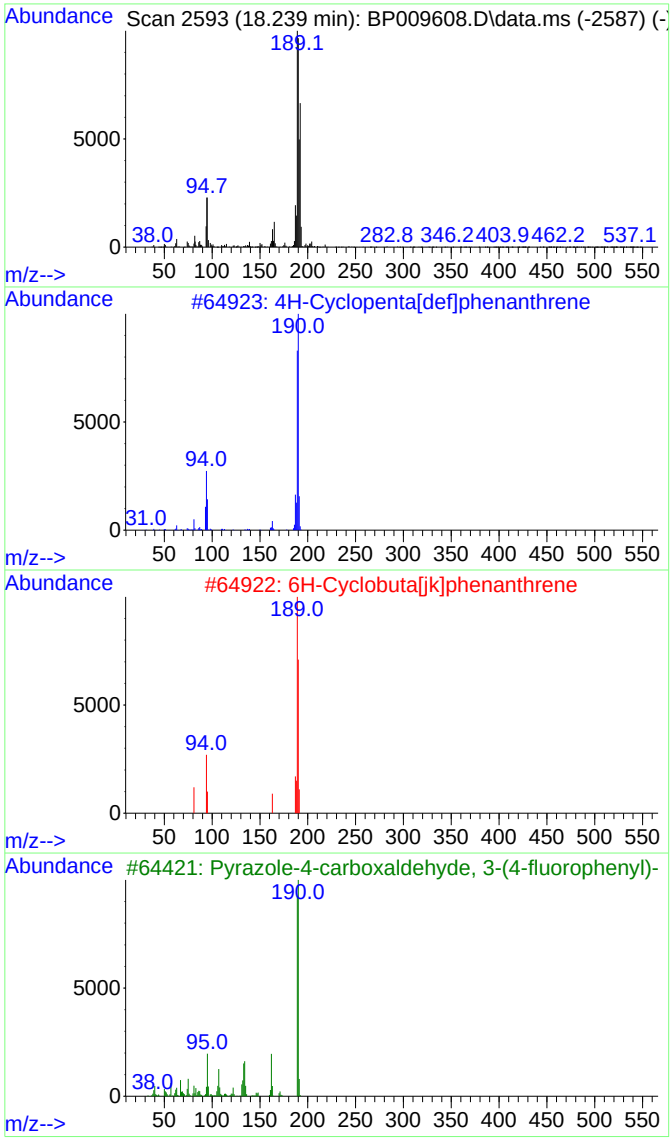
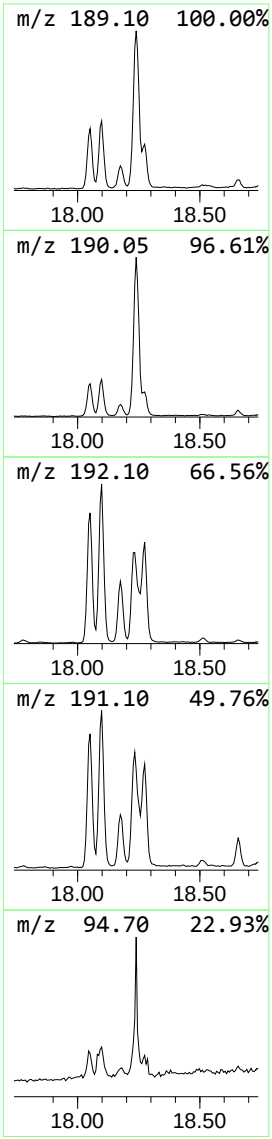
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	9.47 ng	1471890	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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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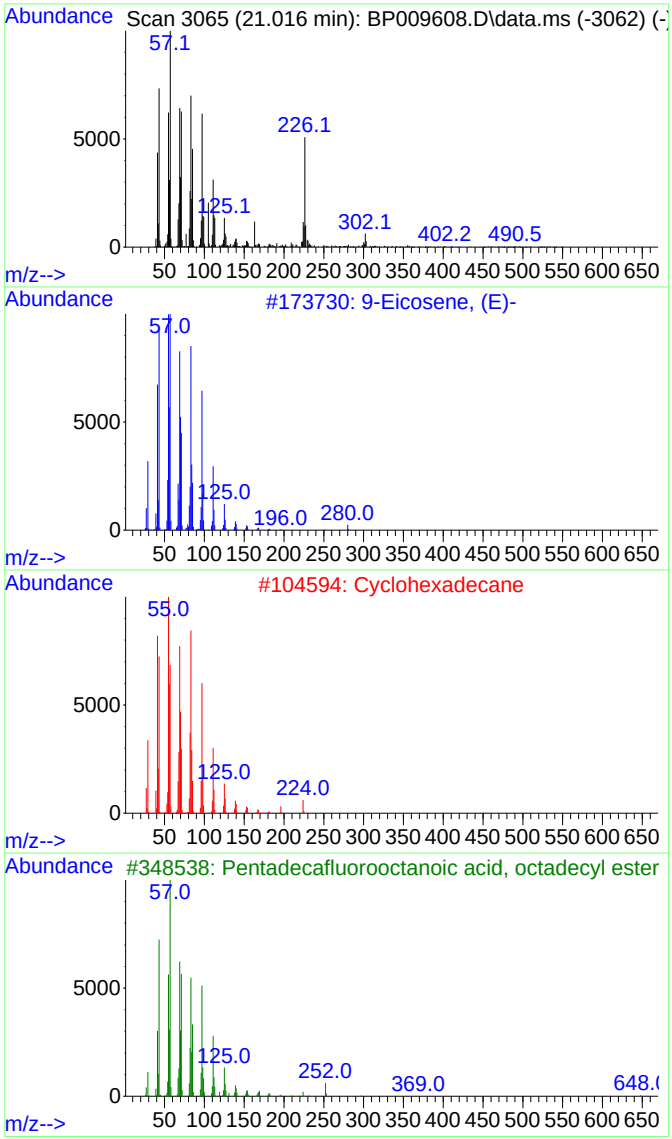
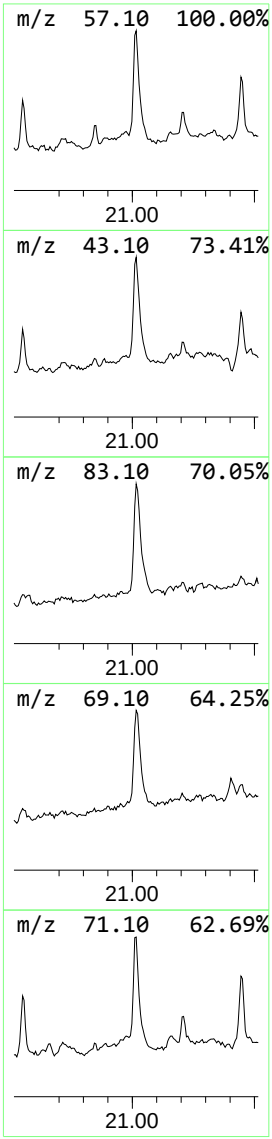
Peak Number 19 9-Eicosene, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	6.33 ng	1639770	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	89
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
4	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	86
5	Trihexadecyl borate	735	C48H99BO3	002665-11-4	81





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Data File : BP009608.D
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Operator : CG/JU
Sample : N2155-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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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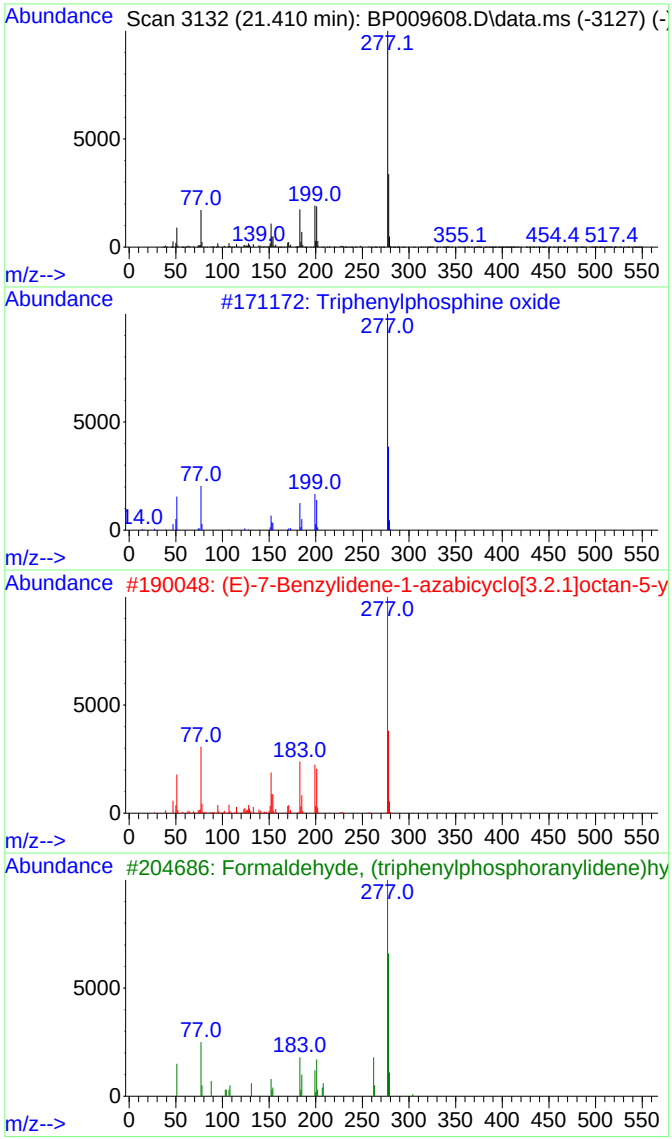
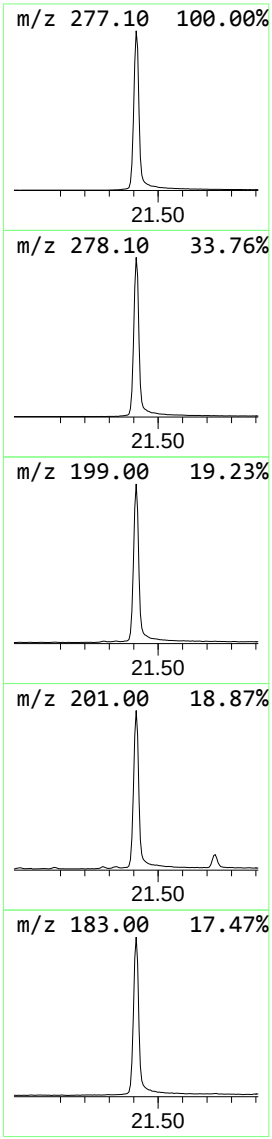
Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	68.66 ng	17788000	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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Data File : BP009608.D
Acq On : 29 Mar 2022 23:00
Operator : CG/JU
Sample : N2155-08
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-H

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
3-Penten-2-one,...	4.311	11.8	ng	853019	1	7.763	1444750	20.0
2-Pentanone, 4-...	4.899	41.2	ng	2978830	1	7.763	1444750	20.0
Nonane	5.793	10.5	ng	756992	1	7.763	1444750	20.0
Neopentyl glycol	6.269	6.1	ng	443217	1	7.763	1444750	20.0
Ethanol, 1-(2-b...	10.346	7.9	ng	898268	2	10.551	2276560	20.0
Naphthalene, 2,...	13.728	5.3	ng	796285	3	14.410	2992840	20.0
2,2,4-Trimethyl...	15.222	14.6	ng	2183890	3	14.410	2992840	20.0
1-(Isocyanatome...	16.169	10.1	ng	1573550	4	17.175	3109260	20.0
Phenol, 4-(1,1,...	16.263	15.5	ng	2411040	4	17.175	3109260	20.0
5H-Pyrrolo(3,2-...	16.322	15.8	ng	2453470	4	17.175	3109260	20.0
4-(7-Methylocty...	16.381	12.4	ng	1933820	4	17.175	3109260	20.0
4-Ethoxybenzhyd...	16.428	6.2	ng	967683	4	17.175	3109260	20.0
unknown16.581	16.581	14.5	ng	2256180	4	17.175	3109260	20.0
Phenol, 4-(1,1-...	16.651	13.9	ng	2157680	4	17.175	3109260	20.0
1,3-Cyclopentad...	16.722	10.5	ng	1628630	4	17.175	3109260	20.0
Anthracene, 2-m...	18.051	6.0	ng	931449	4	17.175	3109260	20.0
Phenanthrene, 2...	18.092	12.5	ng	1936980	4	17.175	3109260	20.0
4H-Cyclopenta[d...	18.239	9.5	ng	1471890	4	17.175	3109260	20.0
9-Eicosene, (E)-	21.016	6.3	ng	1639770	5	21.292	5181730	20.0
Triphenylphosph...	21.410	68.7	ng	17788000	5	21.292	5181730	20.0