LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-07

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-BP092122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	33	rVB	7894873	12982919	39.66%	2.612%
2	5.011	334	344	352	rBV	1375275	2143878	6.55%	0.431%
3	5.470	415	422	436	rBV	4224358	6508578	19.88%	1.309%
4	6.093	519	528	534	rBV	270062	438040	1.34%	0.088%
5	6.169	534	541	554	rVV5	173565	524984	1.60%	0.106%
6	6.387	570	578	585	rBV4	127327	354160	1.08%	0.071%
7	6.564	601	608	618	rVB3	285850	621608	1.90%	0.125%
8	7.069	684	694	706	rVB	2570864	5257584	16.06%	1.058%
9	7.287	726	731	735	rBV3	262395	447870	1.37%	0.090%
10	7.405	745	751	756	rVB3	175290	340998	1.04%	0.069%
11	7.622	783	788	794	rVB5	202973	382816	1.17%	0.077%
12	7.716	799	804	812	rVB6	194293	520952	1.59%	0.105%
13	7.828	813	823	827	rBV4	428751	1293923	3.95%	0.260%
14	7.911	833	837	843	rVB	1659291	2828445	8.64%	0.569%
15	7.975	843	848	853	rVB3	381164	728349	2.23%	0.147%
16	8.046	853	860	862	rBV4	212673	446697	1.36%	0.090%
17	8.093	863	868	872	rVB4	535485	929710	2.84%	0.187%
18	8.164	872	880	886	rBV5	365869	1048951	3.20%	0.211%
19	8.281	893	900	907	rBV	2218608	3733213	11.41%	0.751%
20	8.405	916	921	924	rBV	977516	1587824	4.85%	0.319%
21	8.463	928	931	935	rVB	468711	709530	2.17%	0.143%
22	8.552	941	946	949	rBV2	250101	429489	1.31%	0.086%
23	8.605	951	955	959	rVB4	232381	335484	1.02%	0.067%
24	8.675	963	967	974	rBV4	299768	603807	1.84%	0.121%
25	8.746	974	979	982	rBV	714312	1197965	3.66%	0.241%
26	8.893	999	1004	1014	rVB8	227432	685984	2.10%	0.138%
27	9.016	1014	1025	1030	rBV2	1626377	4158793	12.71%	0.837%
28	9.081	1030	1036	1048	rVV2	5907767	12825099	39.18%	2.580%
29	9.175	1049	1052	1056	rVB4	470585	706791	2.16%	0.142%
30	9.228	1056	1061	1063	rBV2	787823	1283151	3.92%	0.258%
31	9.258	1063	1066	1074	rVB6	1061180	2255720	6.89%	0.454%
32	9.340	1075	1080	1081	rBV3	384834	534402	1.63%	0.108%
33	9.375	1082	1086	1093	rVB3	842607	2044400	6.25%	0.411%
34	9.499	1094	1107	1111	rBV8	638590	2039034	6.23%	0.410%
35	9.558	1111	1117	1124	rBV3	1045112	2113952	6.46%	0.425%
36	9.634	1125	1130	1135	rVB	1283182	2071563	6.33%	0.417%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

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-BP092122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.722	1141	1145	1148	rBV	332563	434671	1.33%	0.087%
38	9.799	1154	1158	1162	rVB4	705100	1129365	3.45%	0.227%
39	9.899	1169	1175	1182	rBV3	2580669	5181215	15.83%	1.042%
40	9.969	1183	1187	1189	rVV3	663661	1022923	3.13%	0.206%
41	9.999	1189	1192	1196	rVB3	677198	909269	2.78%	0.183%
42	10.063	1199	1203	1207	rVB2	559497	849281	2.59%	0.171%
43	10.116	1207	1212	1217	rBV	2089886	3539929	10.81%	0.712%
44	10.299	1238	1243	1249	rBV5	792090	2049928	6.26%	0.412%
45	10.422	1259	1264	1266	rBV2	813396	1486474	4.54%	0.299%
46	10.505	1273	1278	1282	rBV3	842096	1346912	4.11%	0.271%
47	10.581	1287	1291	1294	rBV3	517690	958325	2.93%	0.193%
48	10.716	1304	1314	1320	rBV2	3066772	9680497	29.57%	1.948%
49	10.775	1320	1324	1330	rVV5	1610636	3613924	11.04%	0.727%
50	10.834	1330	1334	1338	rVV	2880173	4988313	15.24%	1.004%
51	10.881	1338	1342	1348	rVV	4764786	7577914	23.15%	1.525%
52	10.946	1348	1353	1360	rVV3	1226876	2876782	8.79%	0.579%
53	11.010	1361	1364	1370	rVB6	1017103	1775254	5.42%	0.357%
54	11.152	1375	1388	1391	rBV7	832367	3699381	11.30%	0.744%
55	11.210	1391	1398	1404	rVB3	2161190	5202933	15.90%	1.047%
56	11.305	1410	1414	1417	rVB	1132264	1474178	4.50%	0.297%
57	11.387	1423	1428	1431	rBV3	2147651	3921559	11.98%	0.789%
58	11.499	1442	1447	1452	rBV2	1181158	2386548	7.29%	0.480%
59	11.557	1453	1457	1460	rBV4	823442	1329833	4.06%	0.268%
60	11.640	1467	1471	1478	rVB4	1842046	4359364	13.32%	0.877%
61	11.752	1485	1490	1494	rBV	8391491	13579484	41.49%	2.732%
62	11.828	1500	1503	1509	rVB2	2586278	4766885	14.56%	0.959%
63	12.010	1530	1534	1538	rBV3	1826186	2806673	8.57%	0.565%
64	12.052	1538	1541	1547	rVB3	1623093	2216909	6.77%	0.446%
65	12.134	1548	1555	1558	rBV4	1288196	3115604	9.52%	0.627%
66	12.275	1577	1579	1584	rVB3	2563312	3189466	9.74%	0.642%
67	12.363	1588	1594	1601	rVB3	3723363	9905167	30.26%	1.993%
68	12.587	1628	1632	1636	rBV4	1759848	3020876	9.23%	0.608%
69	12.634	1636	1640	1645	rVB3	2515909	4381624	13.39%	0.882%
70	12.775	1660	1664	1668	rVB4	1822429	2482807	7.59%	0.499%
71	13.057	1708	1712	1714	rBV5	1423603	2378726	7.27%	0.479%
72	13.099	1714	1719	1724	rVV2	10348690	18037108	55.11%	3.629%
73	13.187	1725	1734	1738	rVV	10813229	19260183	58.84%	3.875%
74	13.346	1757	1761	1768	rBV5	4059858	9903631	30.26%	1.992%
75	13.404	1768	1771	1775	rVB3	2362219	2950393	9.01%	0.594%
76	13.499	1781	1787	1792	rVB4	2879646	7415390	22.65%	1.492%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

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-BP092122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.551	1793	1796	1801	rVB5	2530303	3100852	9.47%	0.624%
78	13.622	1805	1808	1811	rBV2	1615266	1843744	5.63%	0.371%
79	13.987	1866	1870	1874	rVB3	4318158	5874475	17.95%	1.182%
80	14.046	1875	1880	1884	rVV2	10001586	16428977	50.19%	3.305%
81	14.257	1913	1916	1919	rBV3	1482170	2104764	6.43%	0.423%
82	14.398	1936	1940	1945	rVB3	5499915	9369915	28.63%	1.885%
83	14.528	1959	1962	1965	rBV4	3186057	5002494	15.28%	1.006%
84	14.963	2033	2036	2041	rVB2	4378886	5721801	17.48%	1.151%
85	15.087	2053	2057	2061	rBV4	3834767	6089697	18.60%	1.225%
86	15.187	2070	2074	2078	rBV	4782775	8282374	25.30%	1.666%
87	15.828	2178	2183	2189	rVB2	10422112	19186944	58.62%	3.860%
88	16.063	2220	2223	2227	rVB2	6271760	7983116	24.39%	1.606%
89	16.310	2259	2265	2276	rVB2	12745243	32732102	100.00%	6.585%
90	17.134	2400	2405	2415	rVB	10859322	24726931	75.54%	4.975%
91	17.322	2434	2437	2442	rBV2	4240107	5963553	18.22%	1.200%
92	17.734	2503	2507	2513	rBV3	5903586	10346346	31.61%	2.082%
93	18.222	2586	2590	2599	rVB2	6268514	12369884	37.79%	2.489%
94	19.075	2732	2735	2739	rVB	3775765	4925965	15.05%	0.991%
95	19.445	2793	2798	2805	rVB	8766505	13170552	40.24%	2.650%
96	19.751	2847	2850	2856	rVB	3238552	5056013	15.45%	1.017%
97	19.875	2866	2871	2875	rBV	13764675	17629816	53.86%	3.547%
98	21.398	3125	3130	3143	rVB	5582949	8281958	25.30%	1.666%
99	23.833	3538	3544	3553	rVB2	2578467	5580254	17.05%	1.123%
100	27.927	4231	4240	4255	rVB2	1989412	6965060	21.28%	1.401%

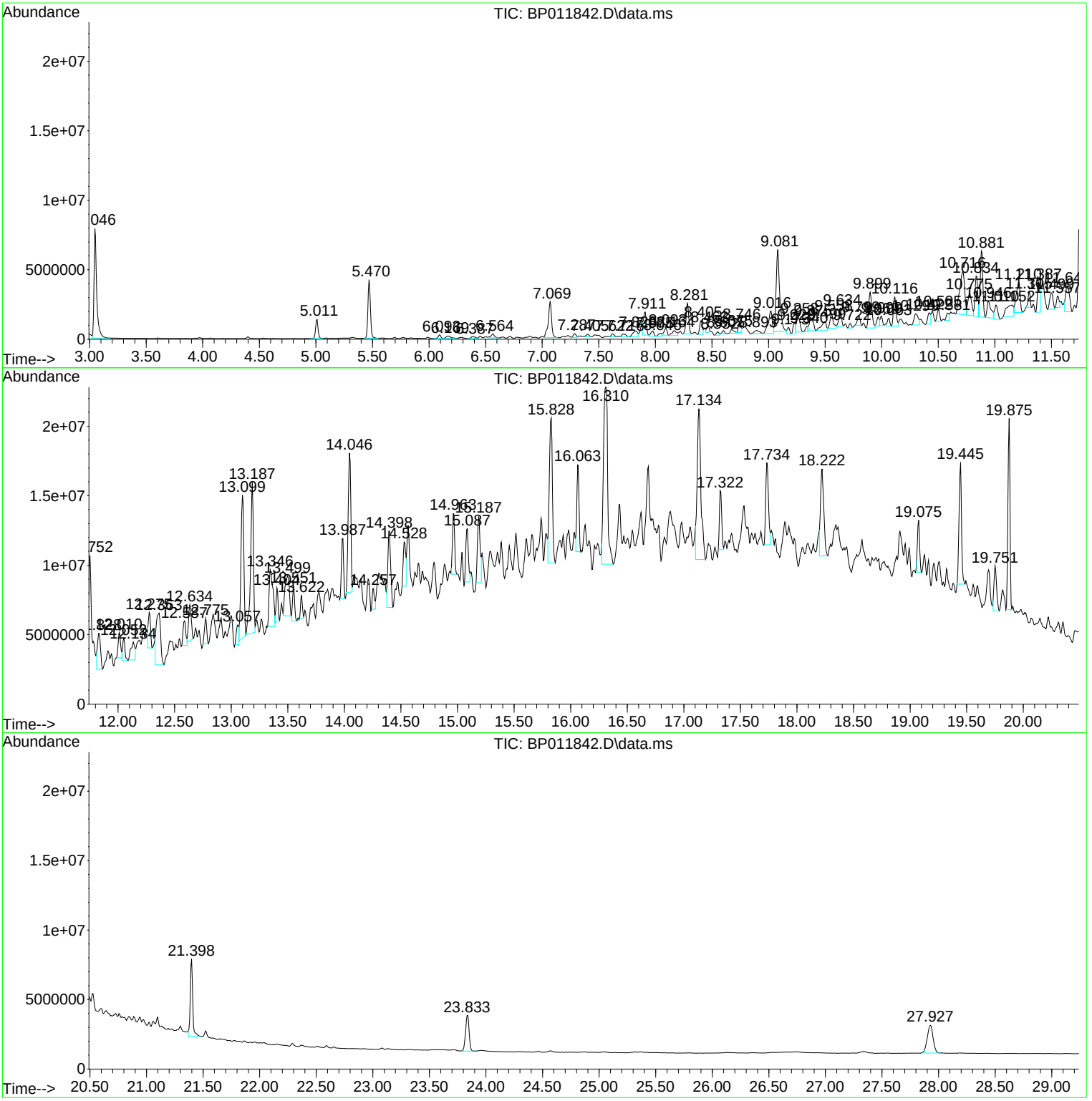
Sum of corrected areas: 497059948

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.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\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

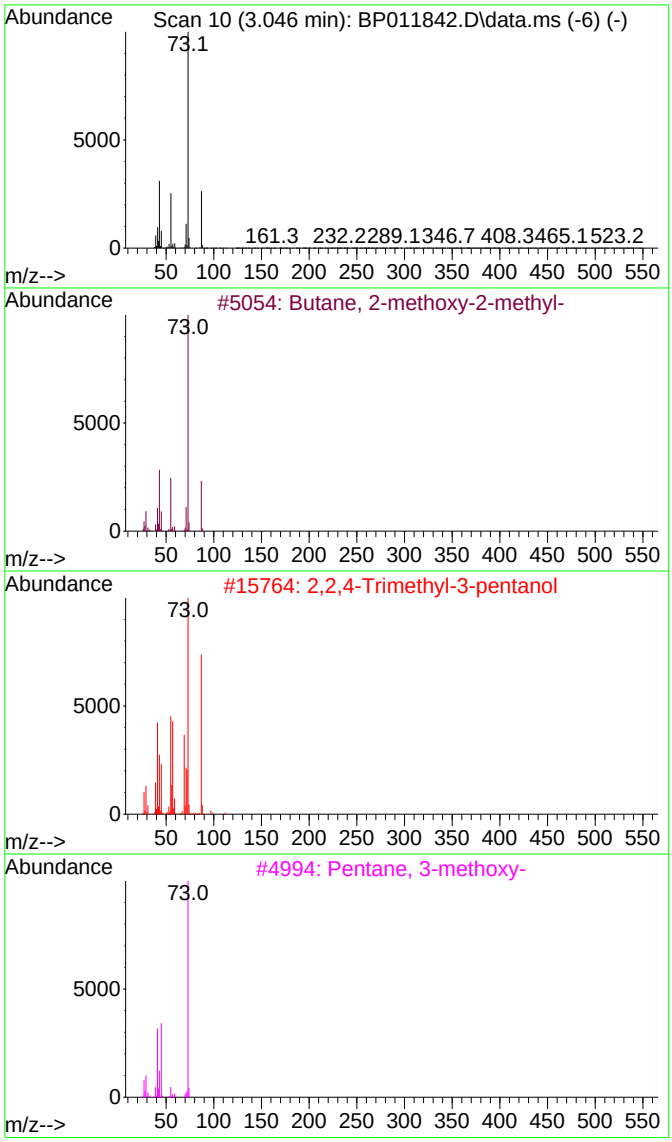
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

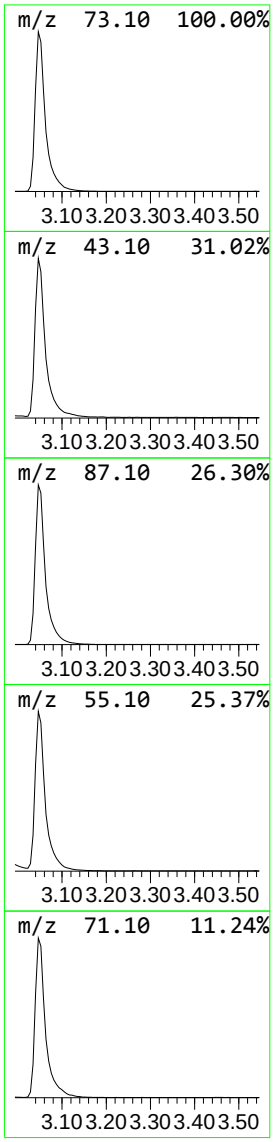
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	91.80 ng	12982900	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

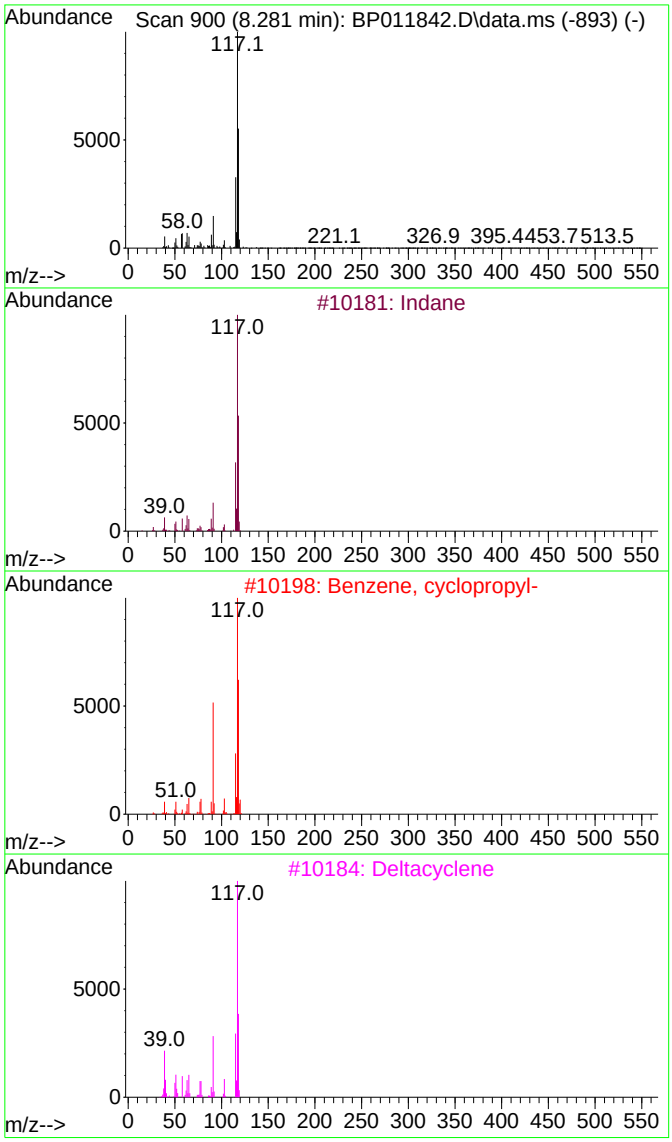
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

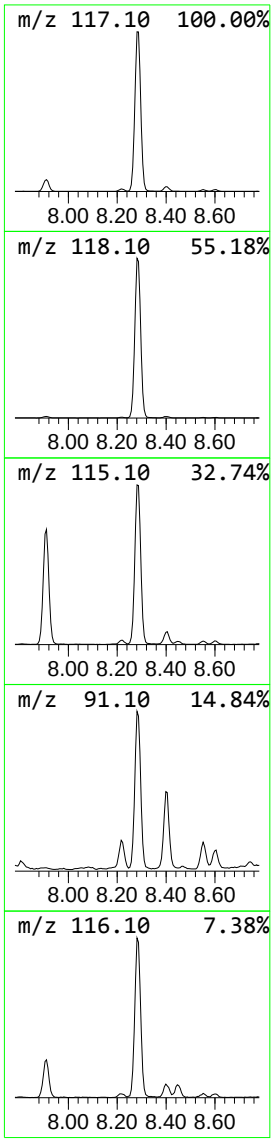
****

Peak Number 2 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	26.40 ng	3733210	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

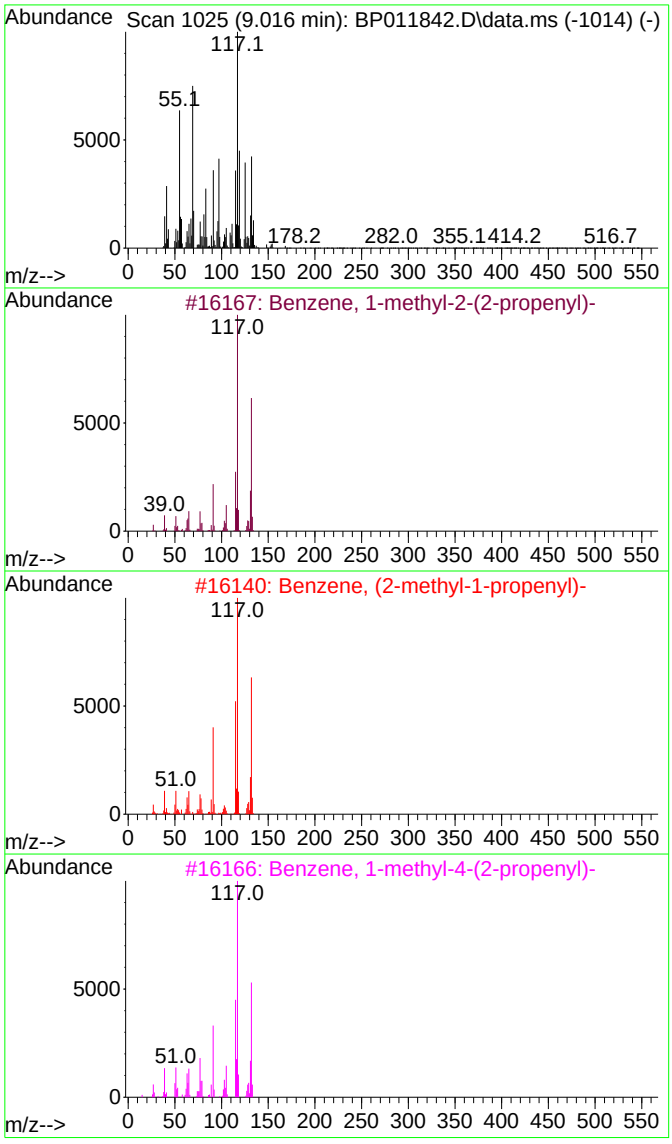
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

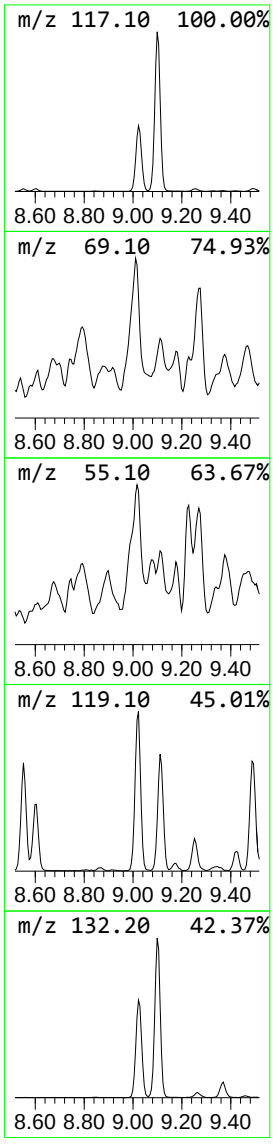
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.016	29.41 ng	4158790	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

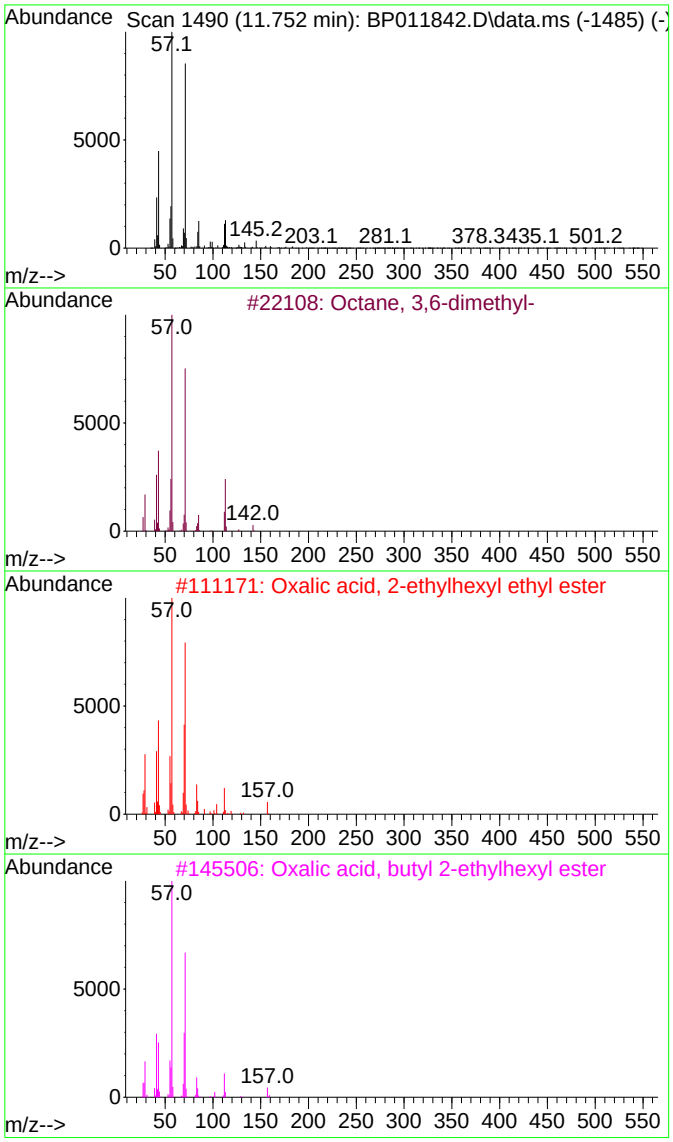
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

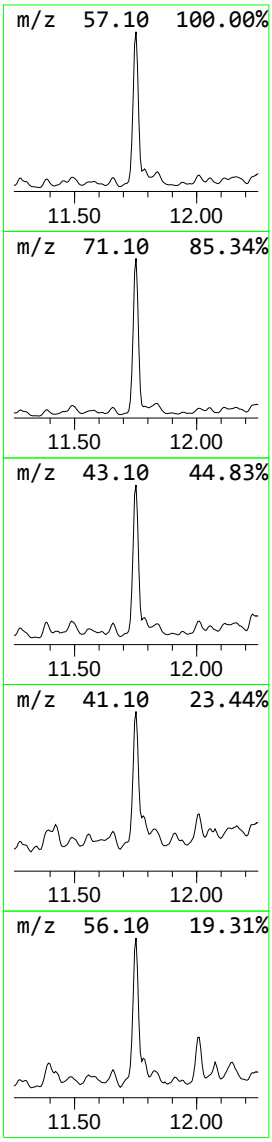
****

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.752	28.06 ng	13579500	Naphthalene-d8	10.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
3	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

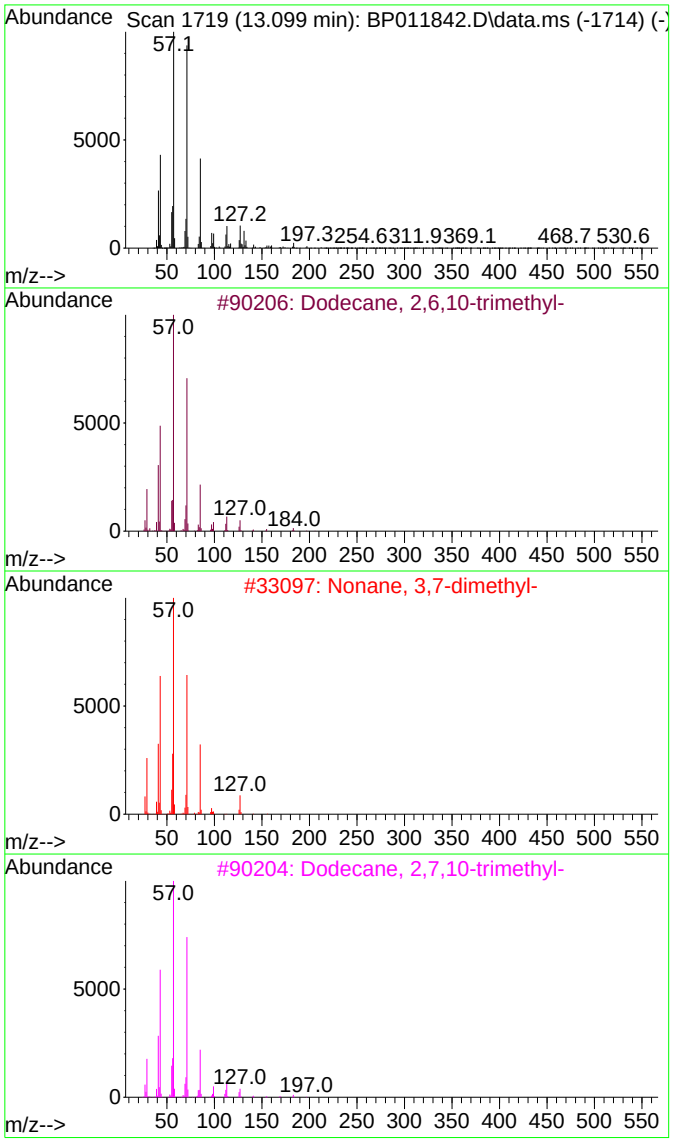
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

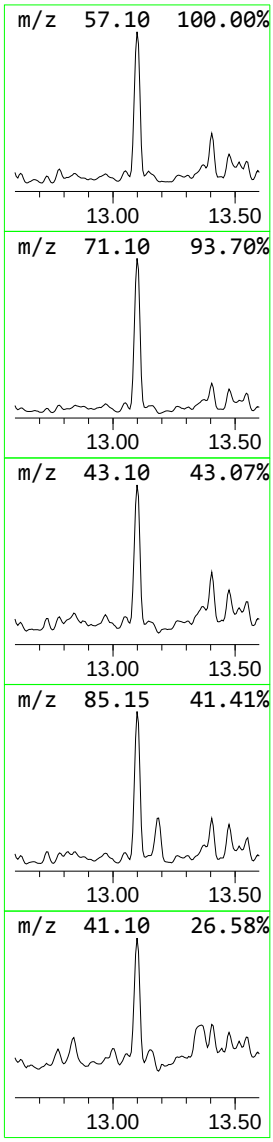
****

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	72.11 ng	18037100	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	52
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50





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Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

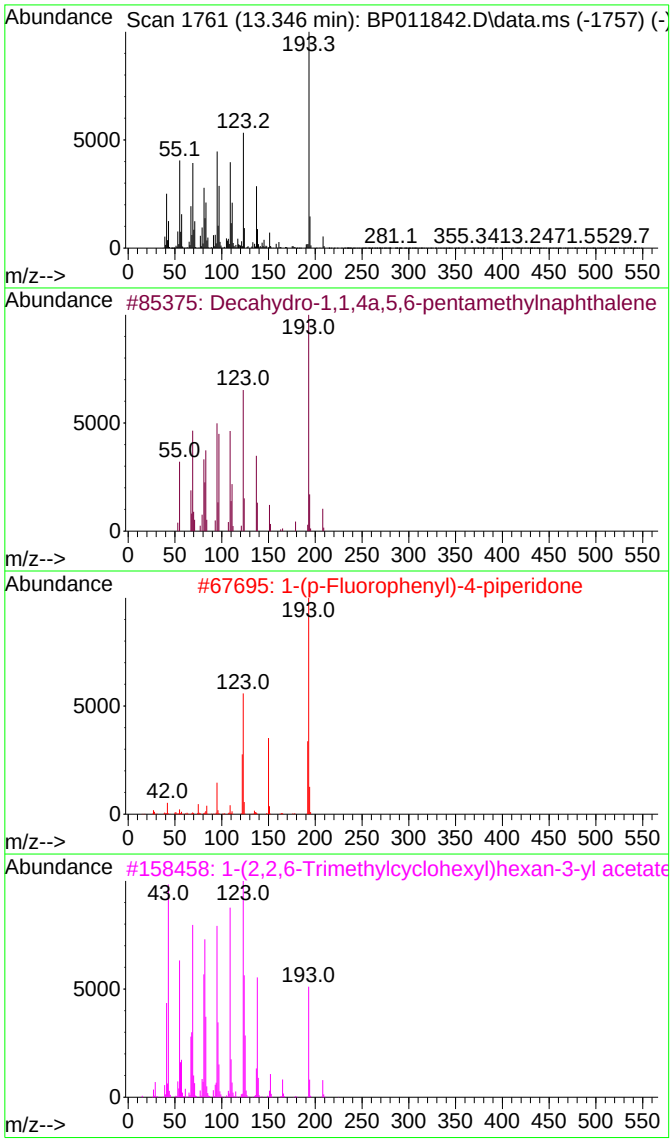
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

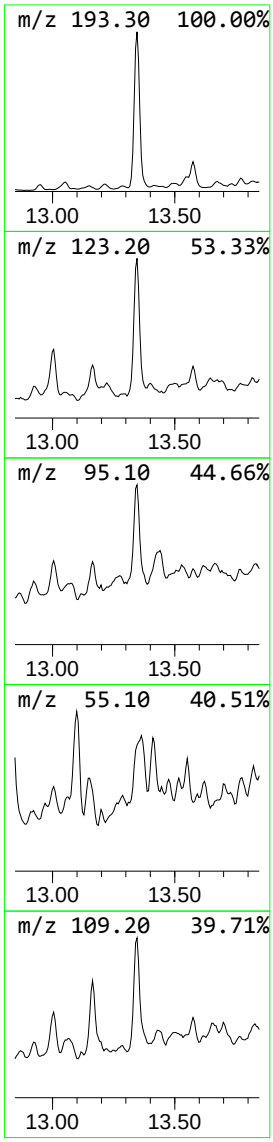
****

Peak Number 6 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.346	39.59 ng	9903630	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	87
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	46
3	1-(2,2,6-Trimethylcyclohexyl)hex...	268	C17H32O2	1000498-96-1	42
4	Butanamide, N-(4-methoxyphenyl)-	193	C11H15NO2	1000306-91-5	38
5	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	35





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

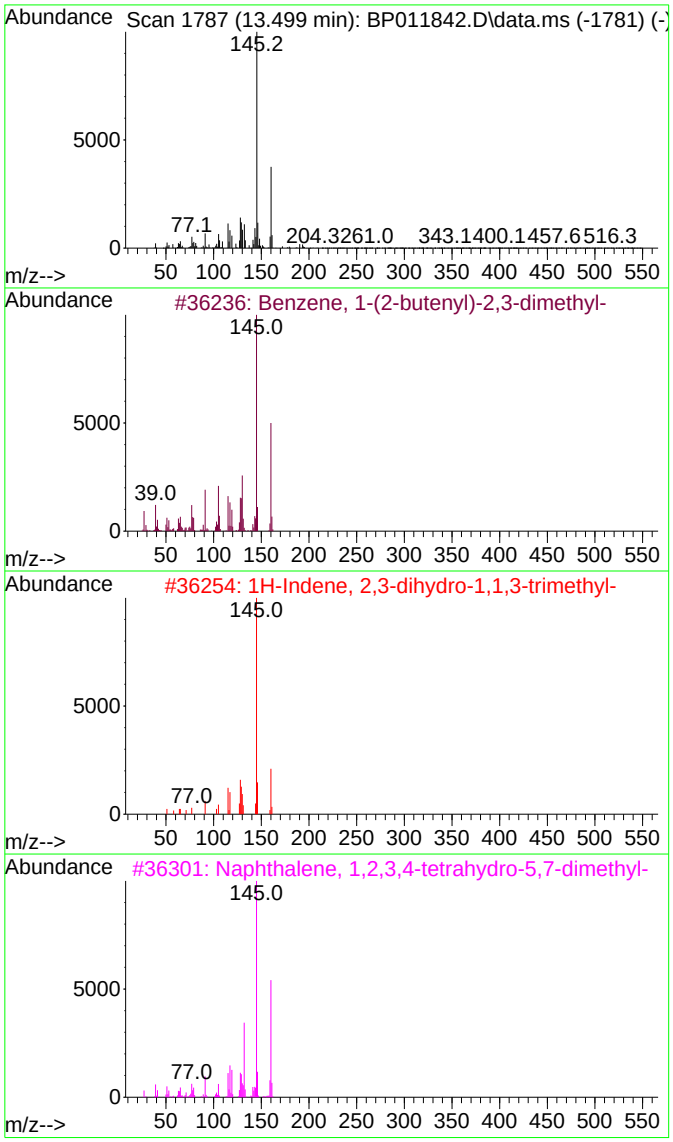
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

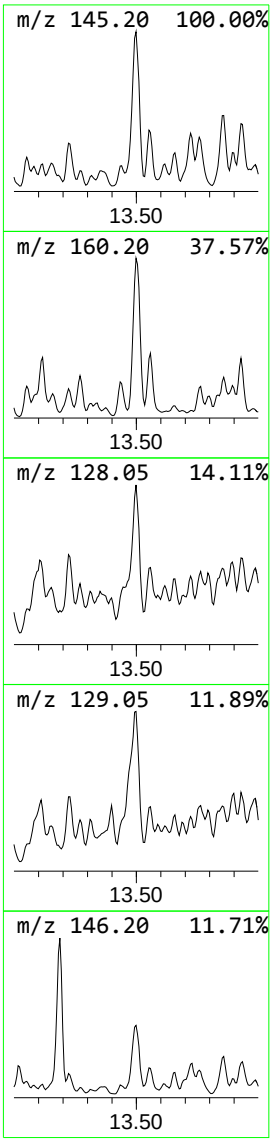
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.499	29.65 ng	7415390	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90





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Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

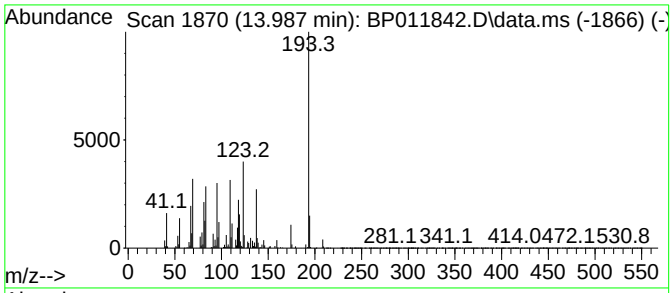
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

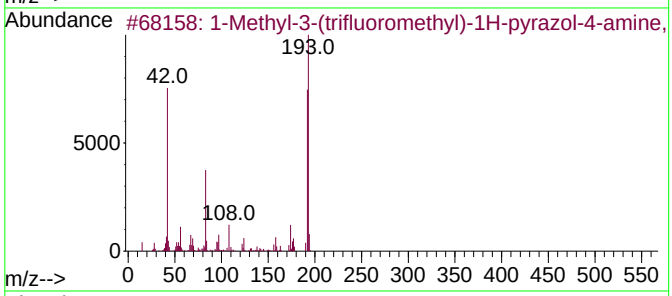
****

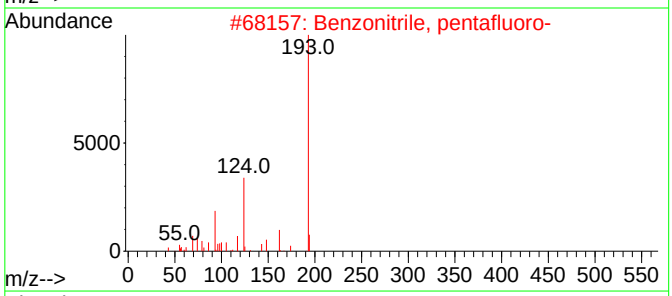
Peak Number 8 unknown13.987 Concentration Rank 19

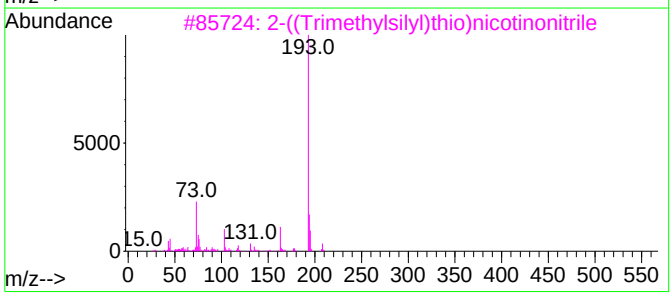
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.987	23.49 ng	5874480	Acenaphthene-d10	14.563

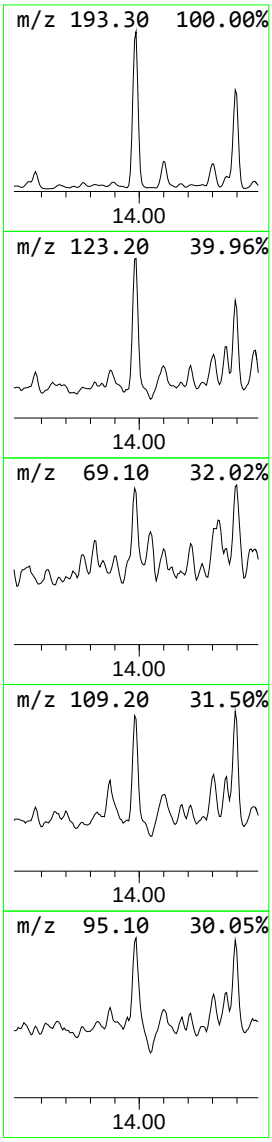
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-(trifluoromethyl)-1H-...	193	C7H10F3N3	1000511-73-1	27
2	Benzonitrile, pentafluoro-	193	C7F5N	000773-82-0	27
3	2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	27
4	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	25











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Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

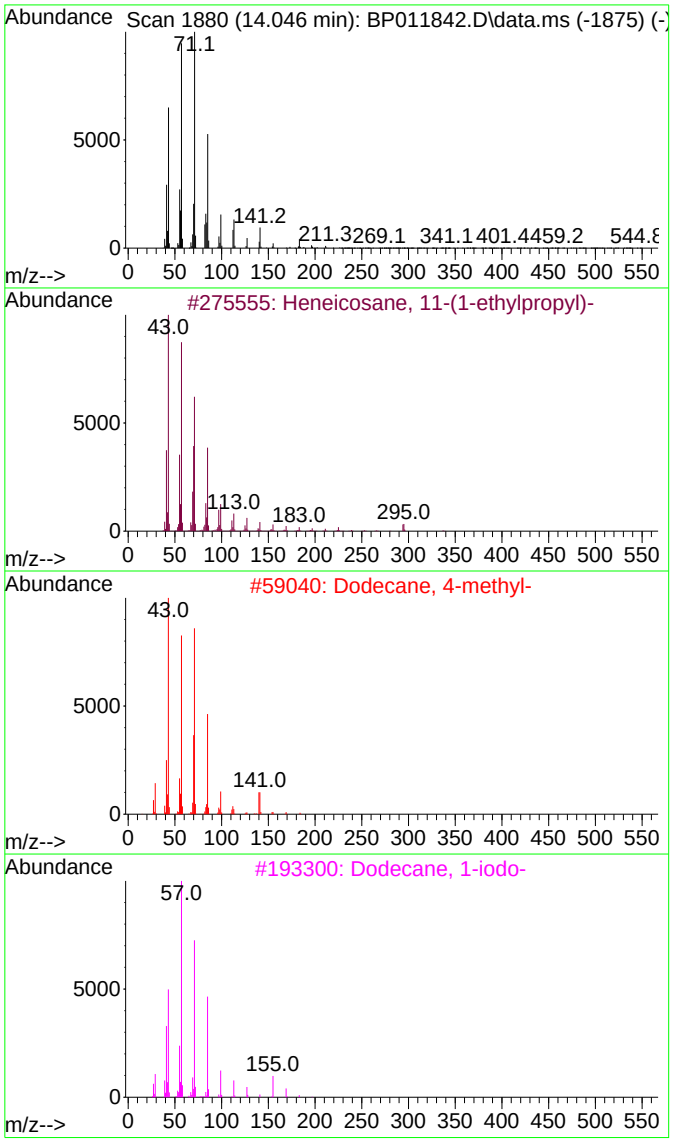
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

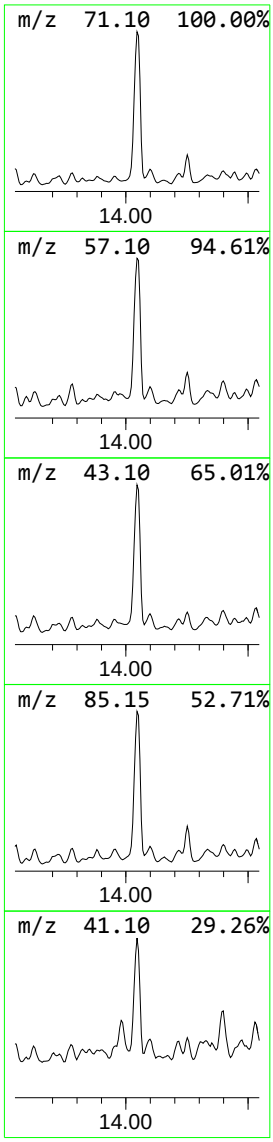
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.046	65.68 ng	16429000	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	78
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





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Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

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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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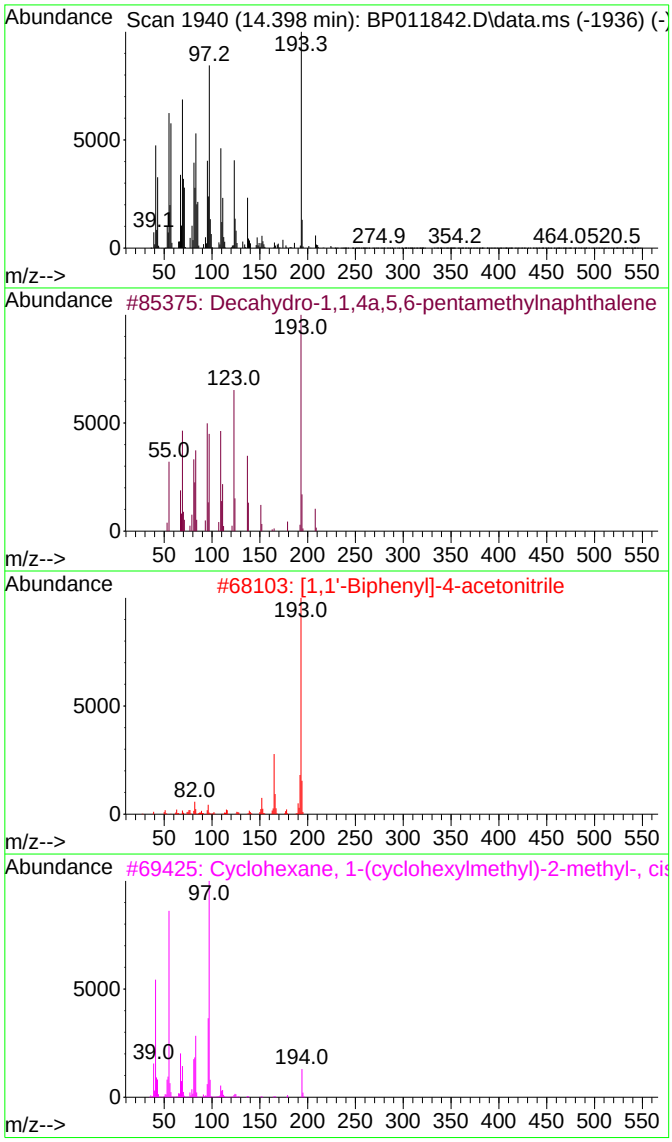
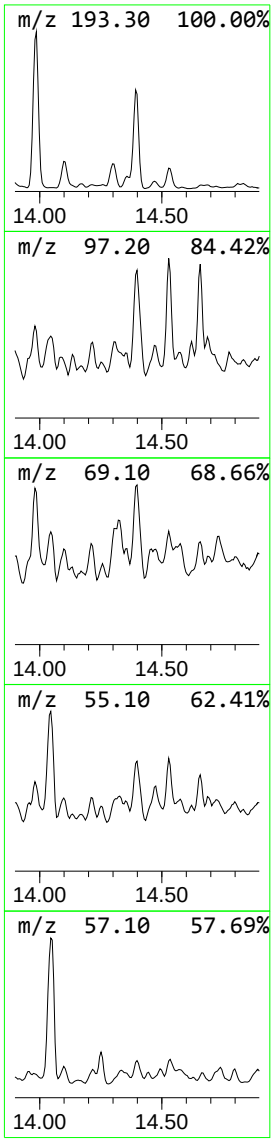
Peak Number 10 unknown14.399 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.399	37.46 ng	9369920	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
4	2-Anthracenamine	193	C14H11N	000613-13-8	14
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	11





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Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

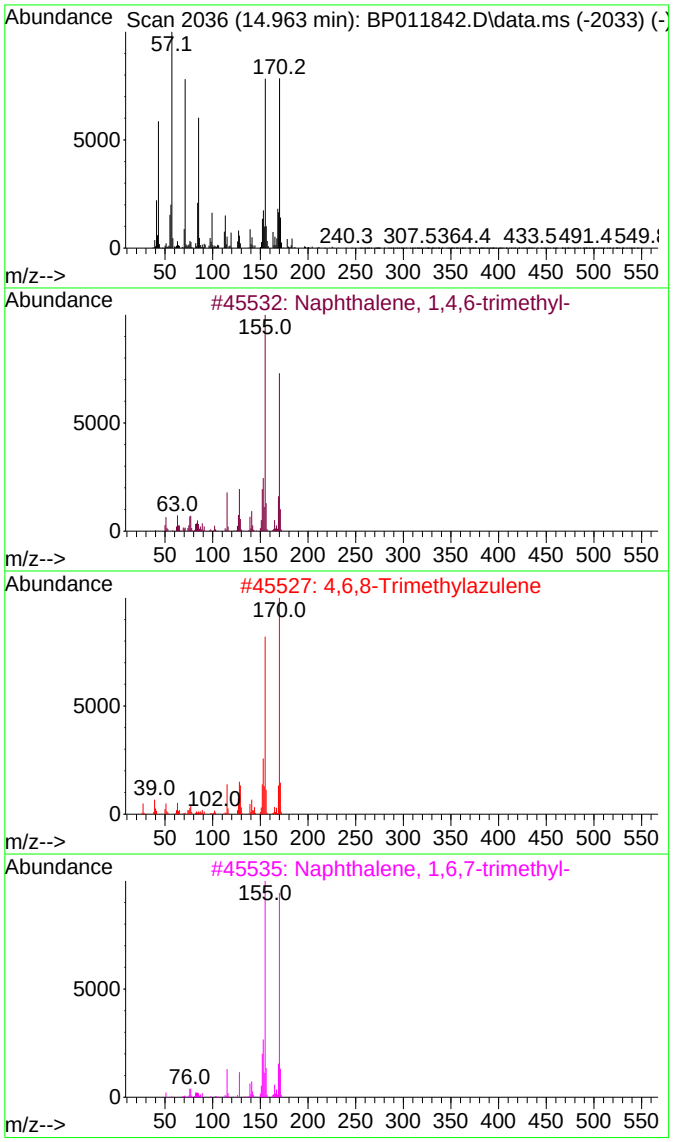
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

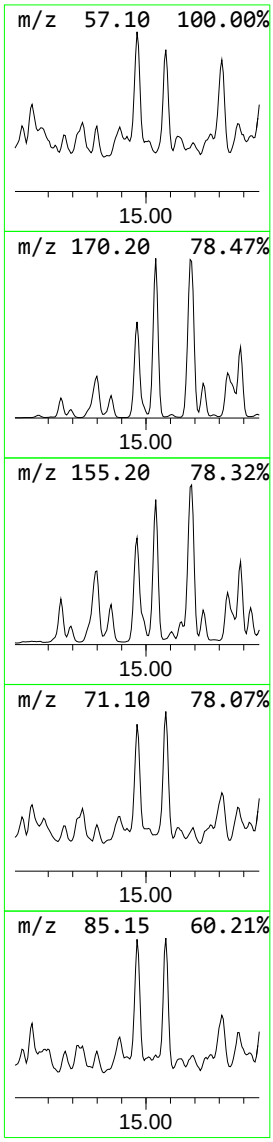
****

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	22.88 ng	5721800	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	55
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55





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Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

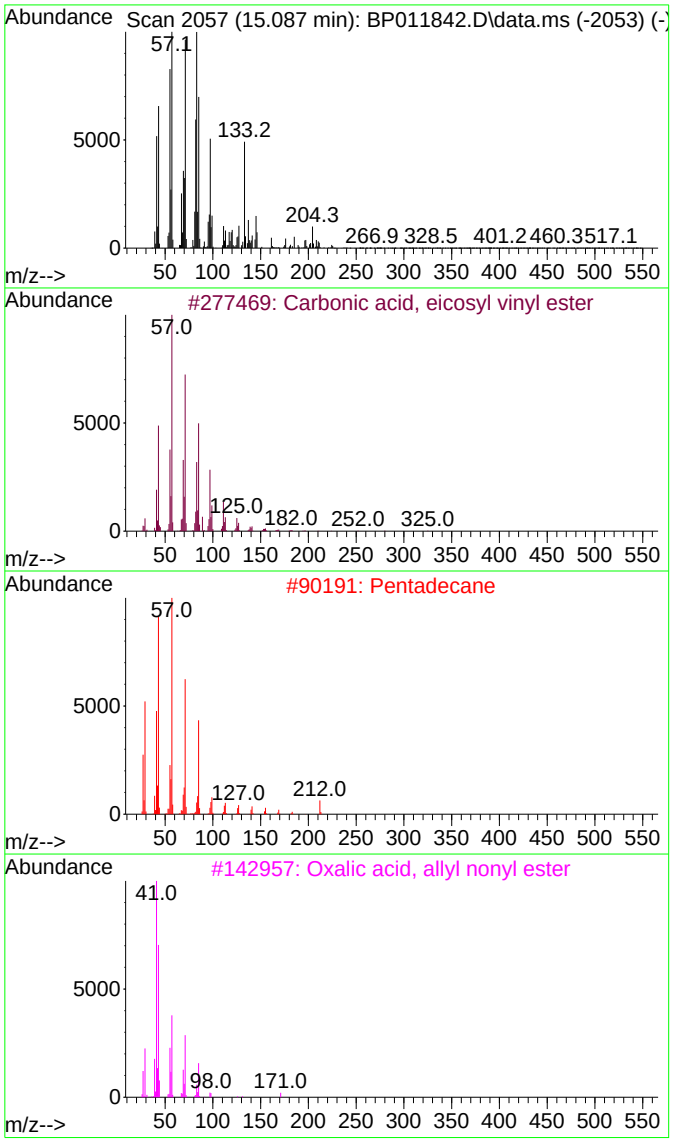
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

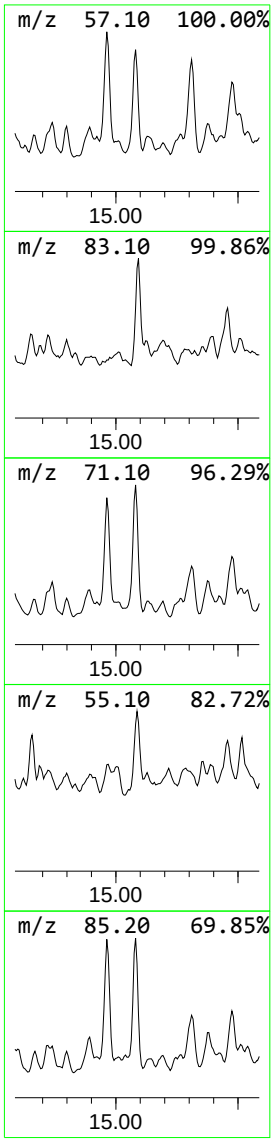
****

Peak Number 12 unknown15.087 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.087	24.35 ng	6089700	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
2	Pentadecane	212	C15H32	000629-62-9	38
3	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	27
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	25
5	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	25





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Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

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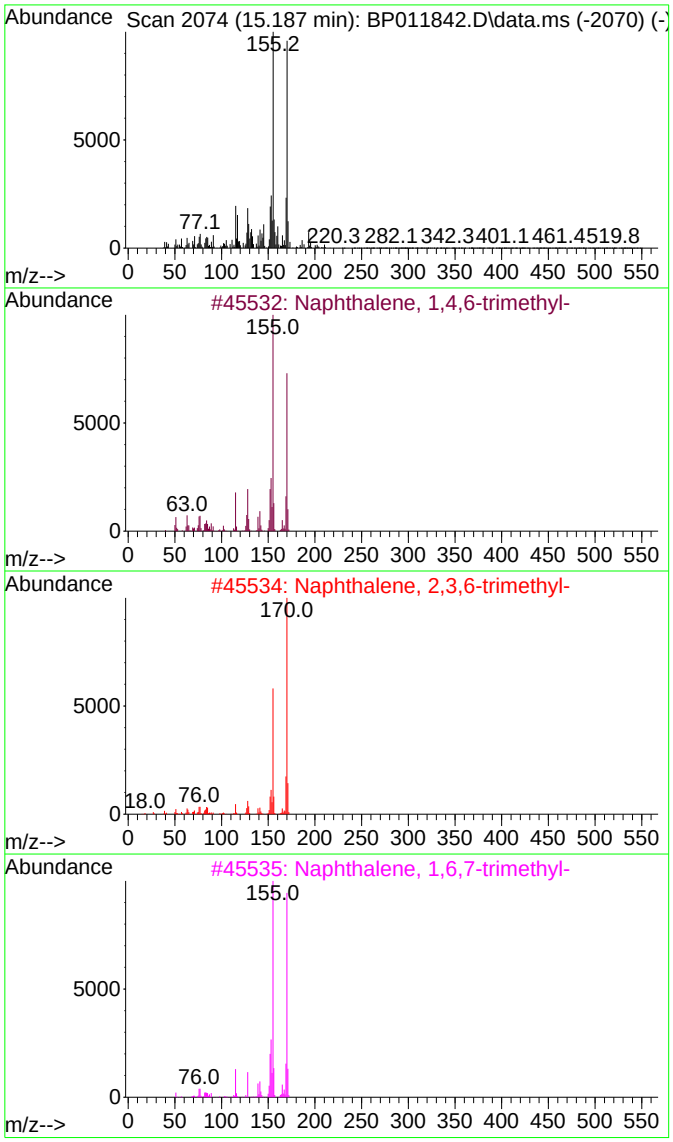
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

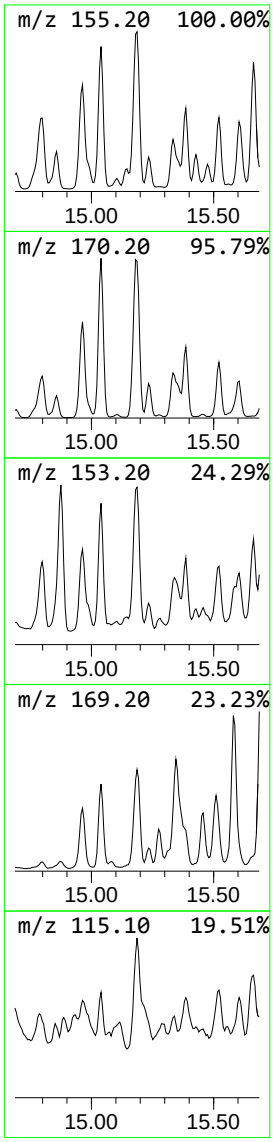
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.187	33.11 ng	8282370	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

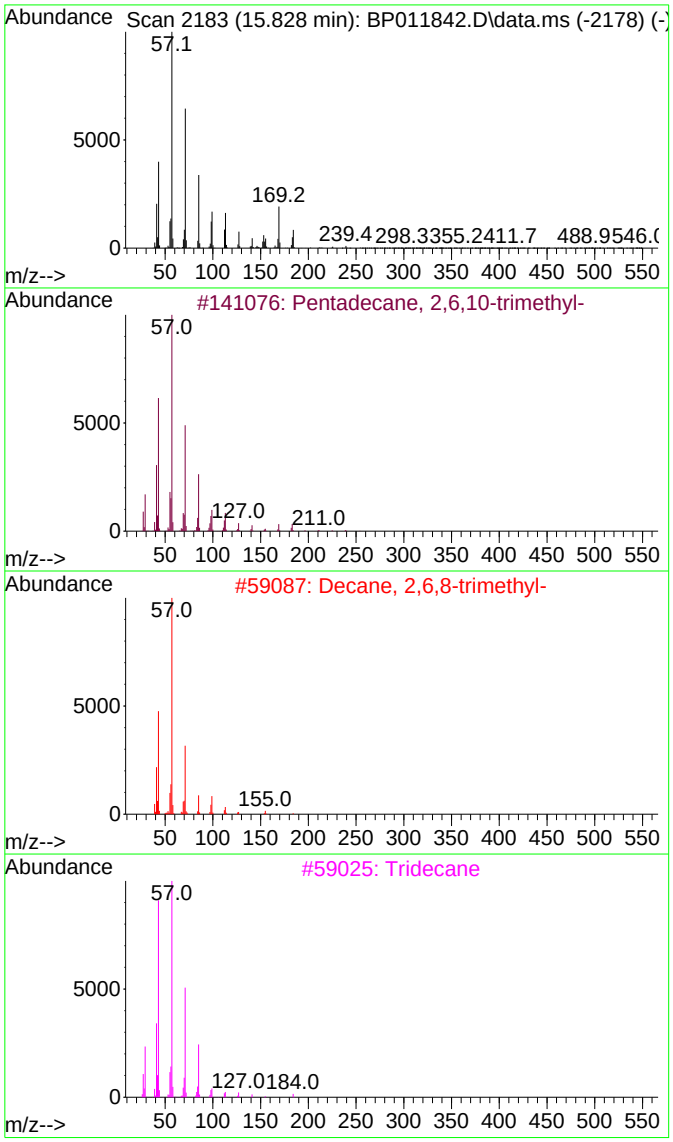
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

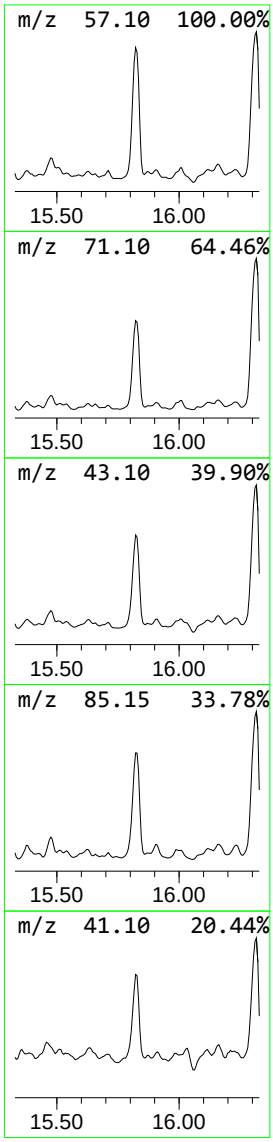
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	76.71 ng	19186900	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3	Tridecane	184	C13H28	000629-50-5	62
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	60
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	59





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ALS Vial : 6 Sample Multiplier: 1

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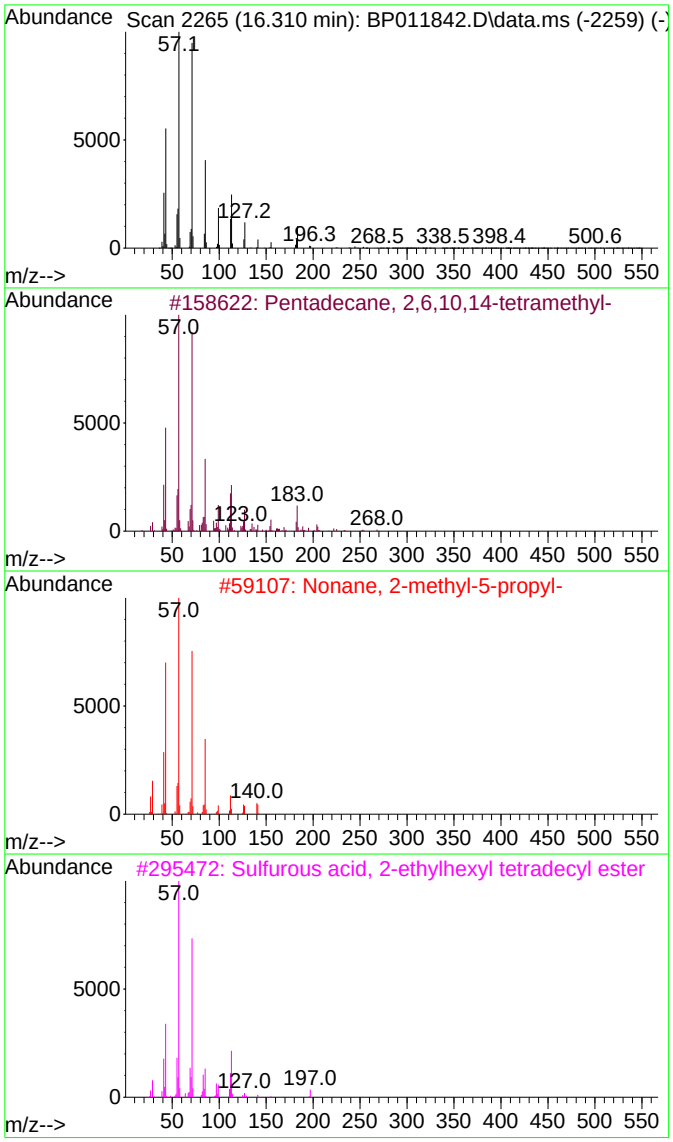
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

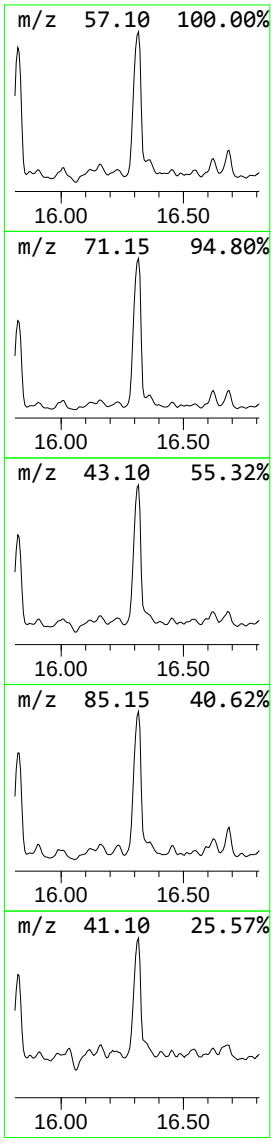
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	109.77 ng	32732100	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	53
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	53
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.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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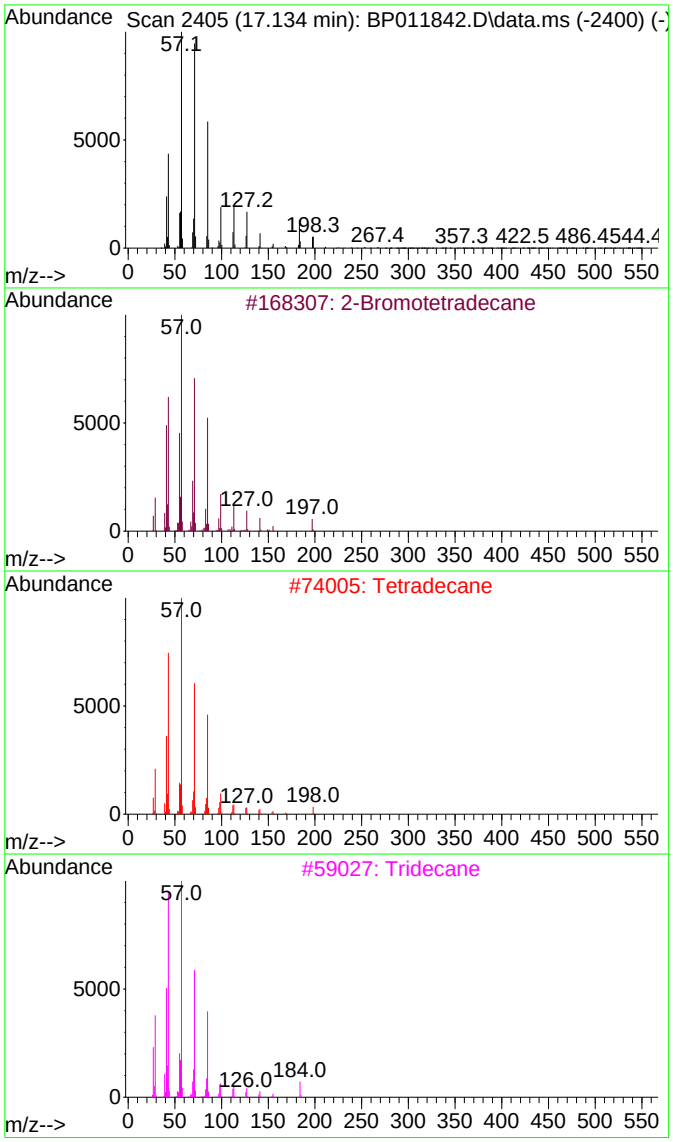
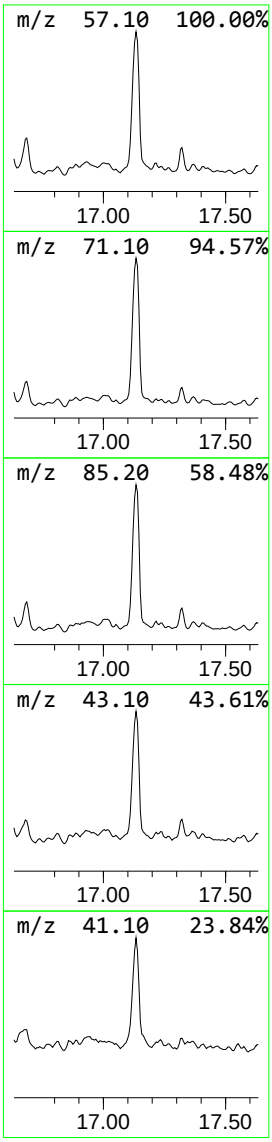
Peak Number 16 2-Bromotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.134	82.93 ng	24726900	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
2	Tetradecane	198	C14H30	000629-59-4	74
3	Tridecane	184	C13H28	000629-50-5	72
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.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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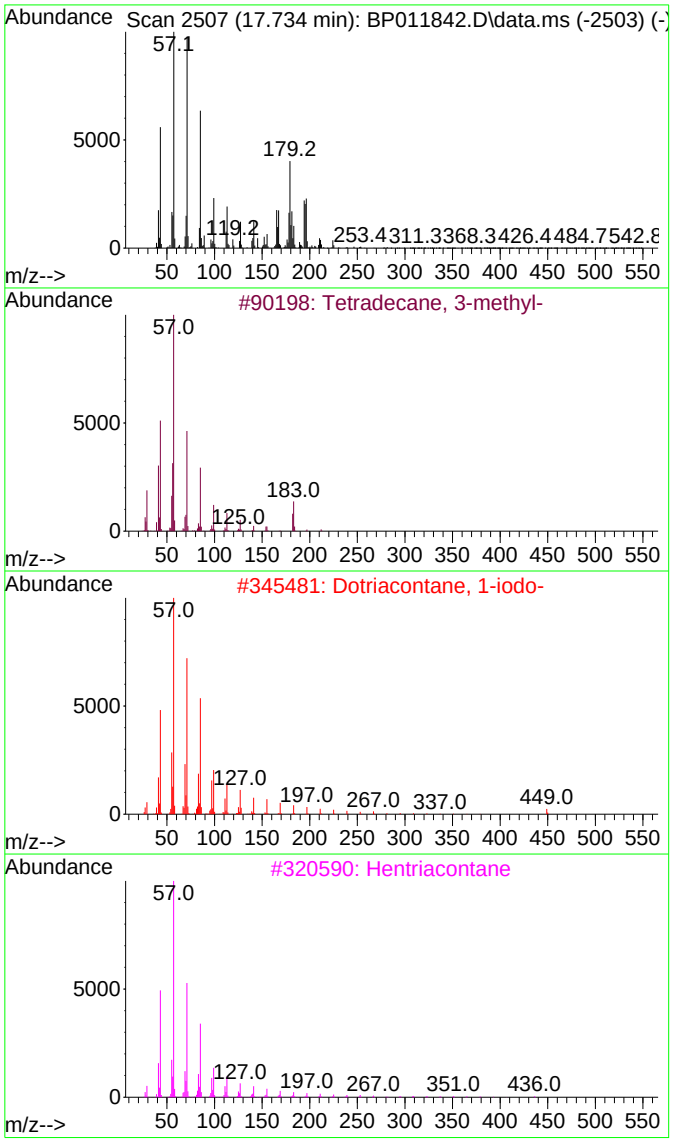
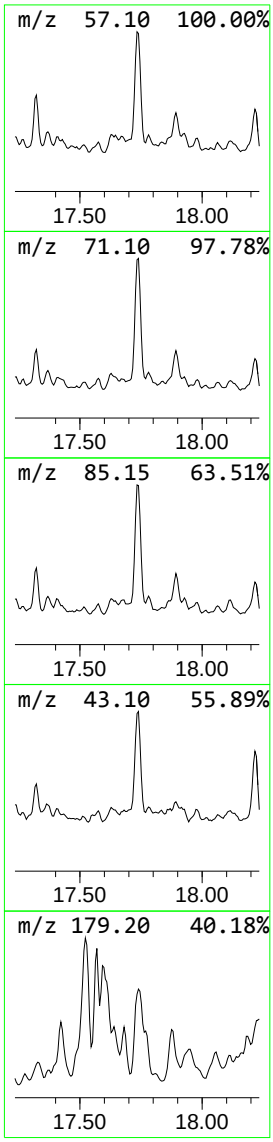
Peak Number 17 unknown17.734 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.734	34.70 ng	10346300	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	49
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	49
3	Hentriacontane	437	C31H64	000630-04-6	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	49





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Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.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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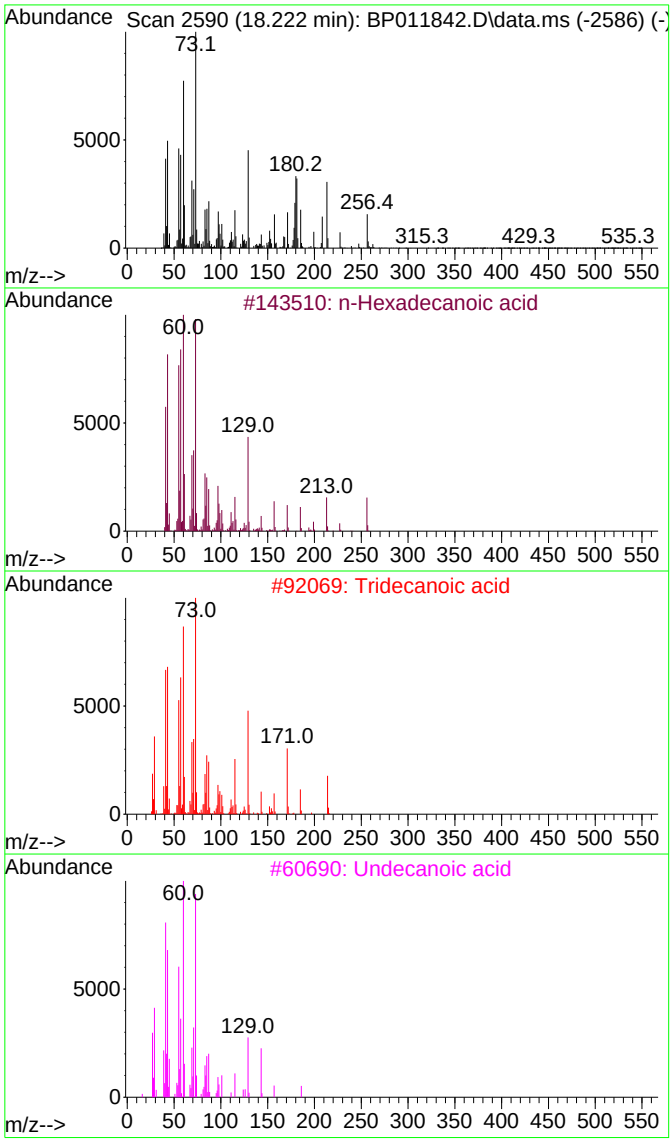
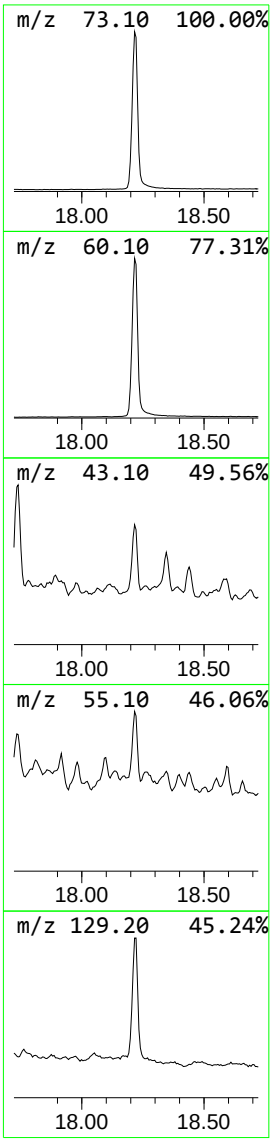
Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	41.48 ng	12369900	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	55
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





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Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.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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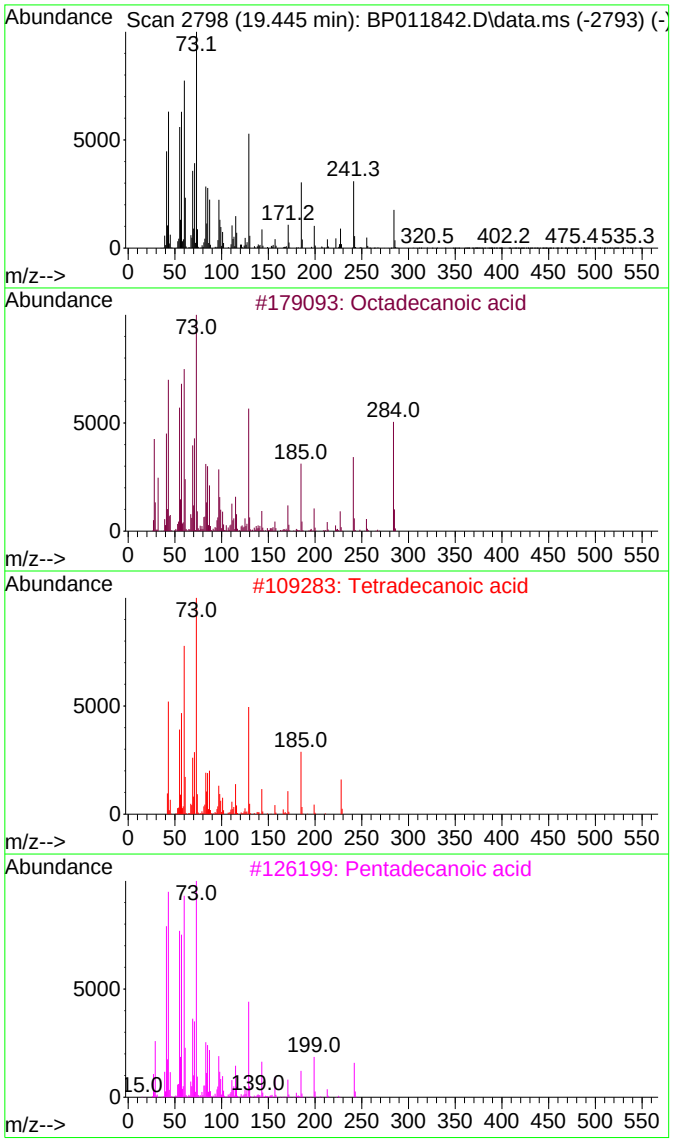
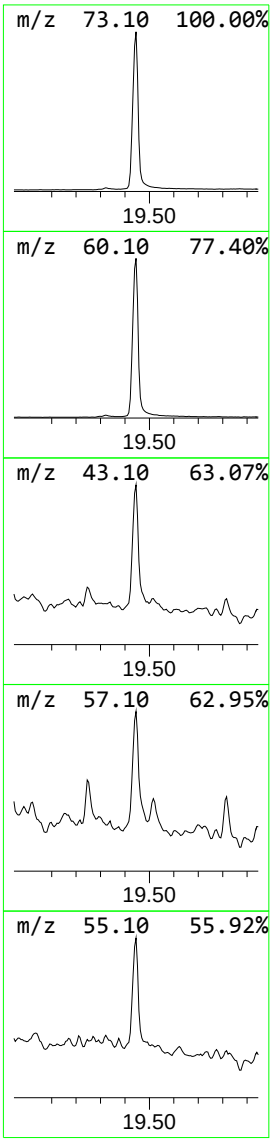
Peak Number 19 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	31.81 ng	13170600	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.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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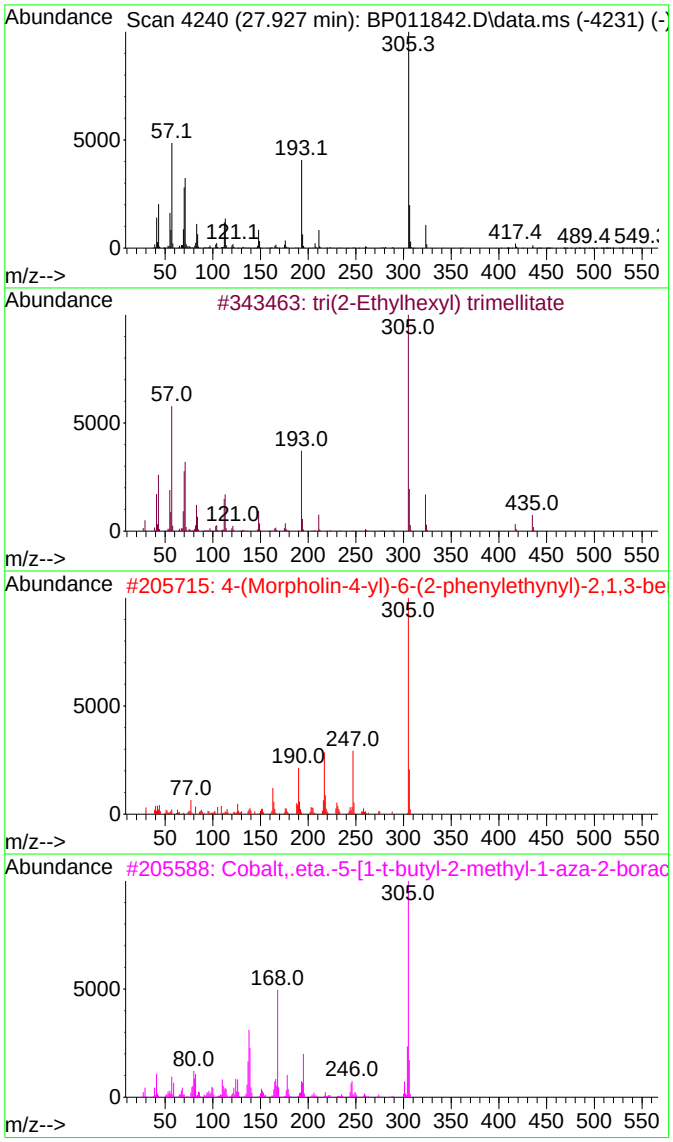
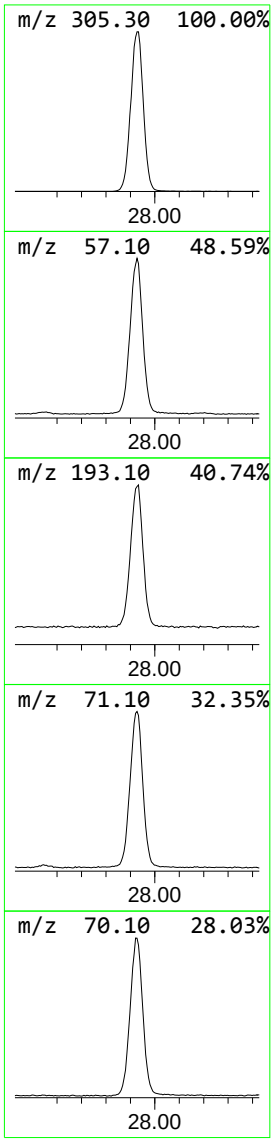
Peak Number 20 unknown27.927 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.927	24.96 ng	6965060	Perylene-d12	23.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	46
2	4-(Morpholin-4-yl)-6-(2-phenylet...	305	C18H15N3O2	1000387-57-0	23
3	Cobalt,.eta.-5-[1-t-butyl-2-meth...	305	C16H29BCoN	1000161-32-8	23
4	4-(Diphenylphosphino)-N,N-dimeth...	305	C20H20NP	000739-58-2	23
5	(E)-N-(5-Methyl-1H-pyrazol-3-yl)...	375	C21H25N7	934353-76-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011842.D
Acq On : 29 Sep 2022 16:25
Operator : CG/JU
Sample : N4860-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.046	91.8	ng	12982900	1	7.911	2828450	20.0
Indane	8.281	26.4	ng	3733210	1	7.911	2828450	20.0
Benzene, 1-meth...	9.016	29.4	ng	4158790	1	7.911	2828450	20.0
Octane, 3,6-dim...	11.752	28.1	ng	13579500	2	10.722	9680500	20.0
Dodecane, 2,6,1...	13.099	72.1	ng	18037100	3	14.563	5002490	20.0
Decahydro-1,1,4...	13.346	39.6	ng	9903630	3	14.563	5002490	20.0
Benzene, 1-(2-b...	13.499	29.6	ng	7415390	3	14.563	5002490	20.0
unknown13.987	13.987	23.5	ng	5874480	3	14.563	5002490	20.0
Heneicosane, 11...	14.046	65.7	ng	16429000	3	14.563	5002490	20.0
unknown14.399	14.399	37.5	ng	9369920	3	14.563	5002490	20.0
Naphthalene, 1,...	14.963	22.9	ng	5721800	3	14.563	5002490	20.0
unknown15.087	15.087	24.4	ng	6089700	3	14.563	5002490	20.0
Naphthalene, 2,...	15.187	33.1	ng	8282370	3	14.563	5002490	20.0
Pentadecane, 2,...	15.828	76.7	ng	19186900	3	14.563	5002490	20.0
Pentadecane, 2,...	16.310	109.8	ng	32732100	4	17.322	5963550	20.0
2-Bromotetradecane	17.134	82.9	ng	24726900	4	17.322	5963550	20.0
unknown17.734	17.734	34.7	ng	10346300	4	17.322	5963550	20.0
n-Hexadecanoic ...	18.222	41.5	ng	12369900	4	17.322	5963550	20.0
Octadecanoic acid	19.445	31.8	ng	13170600	5	21.398	8281960	20.0
unknown27.927	27.927	25.0	ng	6965060	6	23.833	5580250	20.0