LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.558	398	403	406	rVV3	5613574	10669573	13.47%	0.461%
2	5.699	419	427	432	rVB2	7276982	13920586	17.58%	0.602%
3	5.763	432	438	448	rBV	13014410	29759196	37.58%	1.287%
4	6.146	497	503	512	rVB4	18243182	37077482	46.82%	1.604%
5	6.405	539	547	554	rBV3	6850243	16208292	20.47%	0.701%
6	6.622	578	584	592	rBV5	5777151	14816575	18.71%	0.641%
7	6.693	592	596	601	rBV	6611748	10498907	13.26%	0.454%
8	6.781	601	611	622	rVB4	8708549	24311017	30.70%	1.052%
9	7.134	660	671	677	rBV3	9687008	29547418	37.32%	1.278%
10	7.199	677	682	685	rBV	8007710	12709779	16.05%	0.550%
11	7.246	685	690	695	rVB	14534817	25899216	32.71%	1.120%
12	7.305	695	700	706	rVB3	14896693	30235274	38.18%	1.308%
13	7.381	706	713	719	rVB	9572702	16955695	21.41%	0.733%
14	7.546	735	741	746	rBV	10173024	17986047	22.71%	0.778%
15	7.804	776	785	787	rBV	21722910	47866948	60.45%	2.070%
16	8.069	820	830	837	rBV4	5713544	15052195	19.01%	0.651%
17	8.146	837	843	849	rVB	10639431	21173291	26.74%	0.916%
18	8.287	862	867	874	rBV3	9819381	19010159	24.01%	0.822%
19	8.463	892	897	902	rVB2	7103102	13126133	16.58%	0.568%
20	8.546	903	911	916	rVB3	6350042	13654054	17.24%	0.591%
21	8.722	934	941	945	rVV2	10866223	27300398	34.48%	1.181%
22	8.822	952	958	964	rBV3	16837580	36952584	46.67%	1.598%
23	8.946	972	979	982	rBV	9075841	17468988	22.06%	0.756%
24	9.134	1006	1011	1015	rBV	7443427	12958724	16.37%	0.561%
25	9.187	1015	1020	1027	rVB	9179119	19143000	24.18%	0.828%
26	9.293	1027	1038	1044	rBV2	16755523	41859880	52.86%	1.811%
27	9.375	1048	1052	1055	rVV3	7350768	12911038	16.31%	0.558%
28	9.440	1056	1063	1069	rVB	20867547	51252761	64.73%	2.217%
29	9.546	1069	1081	1089	rBV10	9712060	34473390	43.54%	1.491%
30	9.634	1089	1096	1100	rBV3	5517512	15264023	19.28%	0.660%
31	9.828	1124	1129	1134	rVV2	8460527	16852856	21.28%	0.729%
32	9.887	1134	1139	1143	rVV	10333385	19211148	24.26%	0.831%
33	9.928	1143	1146	1155	rVB3	8500944	17454352	22.04%	0.755%
34	10.081	1164	1172	1175	rBV3	6064529	12937729	16.34%	0.560%
35	10.128	1175	1180	1185	rVB3	7541245	12780633	16.14%	0.553%
36	10.193	1185	1191	1196	rBV4	9035485	20799821	26.27%	0.900%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.251	1196	1201	1204	rBV2	7687024	13255608	16.74%	0.573%
38	10.351	1212	1218	1222	rBV2	10173762	20295228	25.63%	0.878%
39	10.410	1222	1228	1235	rVV4	14909586	43044339	54.36%	1.862%
40	10.469	1235	1238	1243	rVV2	7782376	12453983	15.73%	0.539%
41	10.534	1243	1249	1252	rVV2	7017162	12577242	15.88%	0.544%
42	10.587	1255	1258	1262	rVV3	6587422	10620044	13.41%	0.459%
43	10.651	1263	1269	1273	rVB	11713074	22115273	27.93%	0.957%
44	10.704	1273	1278	1286	rVB	5963546	13032941	16.46%	0.564%
45	10.793	1287	1293	1302	rBV6	4660816	12634921	15.96%	0.546%
46	10.916	1309	1314	1318	rVV5	5496217	13195537	16.66%	0.571%
47	10.998	1319	1328	1333	rVV3	21590193	68350002	86.32%	2.956%
48	11.057	1333	1338	1346	rVV6	7471535	22665153	28.62%	0.980%
49	11.128	1346	1350	1354	rVV	7183040	14669676	18.53%	0.635%
50	11.175	1355	1358	1363	rVB	10638422	16908891	21.35%	0.731%
51	11.234	1363	1368	1375	rBV4	6332136	14467134	18.27%	0.626%
52	11.493	1406	1412	1420	rVB3	10557207	24431382	30.85%	1.057%
53	11.598	1420	1430	1438	rBV5	6889296	19668480	24.84%	0.851%
54	11.675	1439	1443	1446	rBV2	5665258	9781459	12.35%	0.423%
55	11.716	1446	1450	1457	rVB6	8587784	18269912	23.07%	0.790%
56	11.781	1457	1461	1467	rVB3	5912443	11190936	14.13%	0.484%
57	11.851	1467	1473	1479	rBV4	10586612	18947547	23.93%	0.820%
58	11.928	1479	1486	1492	rBV2	13994336	27607687	34.87%	1.194%
59	12.040	1499	1505	1508	rBV2	10956365	18622612	23.52%	0.805%
60	12.116	1515	1518	1524	rVB3	6290563	11140366	14.07%	0.482%
61	12.216	1526	1535	1540	rBV2	21648467	45279881	57.18%	1.958%
62	12.451	1561	1575	1579	rBV4	20111233	63147202	79.75%	2.731%
63	12.557	1587	1593	1598	rVB3	10201046	18746032	23.67%	0.811%
64	12.675	1610	1613	1620	rVB2	9289848	14646335	18.50%	0.633%
65	12.928	1651	1656	1660	rVB2	15466300	23813738	30.07%	1.030%
66	13.157	1691	1695	1702	rBV5	5175090	13594865	17.17%	0.588%
67	13.222	1702	1706	1714	rVB3	12286776	19607189	24.76%	0.848%
68	13.310	1717	1721	1726	rBV5	6365969	12258321	15.48%	0.530%
69	13.369	1726	1731	1737	rVB2	13037037	22635418	28.59%	0.979%
70	13.681	1775	1784	1788	rVB2	18316456	50361605	63.60%	2.178%
71	13.781	1792	1801	1805	rVV	11758014	24683805	31.17%	1.068%
72	13.992	1833	1837	1840	rBV	6340866	10324210	13.04%	0.447%
73	14.116	1853	1858	1860	rBV4	6520796	11751999	14.84%	0.508%
74	14.163	1863	1866	1870	rVV4	11599420	20619901	26.04%	0.892%
75	14.210	1870	1874	1878	rVV3	13629204	22460707	28.37%	0.971%
76	14.304	1878	1890	1893	rVV5	14192012	47387114	59.84%	2.050%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.345	1893	1897	1901	rVV	16028702	26514630	33.49%	1.147%
78	14.416	1902	1909	1914	rVB5	13331443	28337517	35.79%	1.226%
79	14.745	1955	1965	1968	rBV2	18881914	49083793	61.99%	2.123%
80	14.792	1969	1973	1985	rBV7	9367180	22161800	27.99%	0.959%
81	15.039	2010	2015	2021	rVB4	6675157	13662704	17.25%	0.591%
82	15.216	2042	2045	2051	rVB4	7875788	12895767	16.29%	0.558%
83	15.333	2062	2065	2072	rVB6	8878777	15045956	19.00%	0.651%
84	15.445	2079	2084	2087	rBV	7778022	14505950	18.32%	0.627%
85	15.692	2117	2126	2129	rVB	16976807	42831965	54.09%	1.853%
86	16.081	2182	2192	2200	rVB3	14078552	39393030	49.75%	1.704%
87	16.286	2223	2227	2230	rVB2	8203113	9951614	12.57%	0.430%
88	16.551	2264	2272	2274	rBV2	17163251	43623738	55.09%	1.887%
89	16.933	2333	2337	2342	rVB4	8772831	13692378	17.29%	0.592%
90	17.339	2398	2406	2410	rBV	17681833	40172384	50.73%	1.738%
91	17.386	2410	2414	2418	rVV	12071784	17669075	22.31%	0.764%
92	17.851	2489	2493	2499	rBV3	5263355	9638231	12.17%	0.417%
93	18.063	2523	2529	2533	rVB	18417656	35551180	44.90%	1.538%
94	18.222	2551	2556	2561	rVB	18776130	28109398	35.50%	1.216%
95	18.722	2635	2641	2645	rBV	18508345	29878949	37.73%	1.292%
96	19.327	2735	2744	2747	rBV4	26799268	79183225	100.00%	3.425%
97	19.463	2763	2767	2771	rVB2	9776445	11971281	15.12%	0.518%
98	19.869	2831	2836	2840	rVB	16322455	21574897	27.25%	0.933%
99	20.380	2918	2923	2926	rBV	13105071	15490516	19.56%	0.670%
100	20.857	3000	3004	3007	rBV	8706679	9683323	12.23%	0.419%

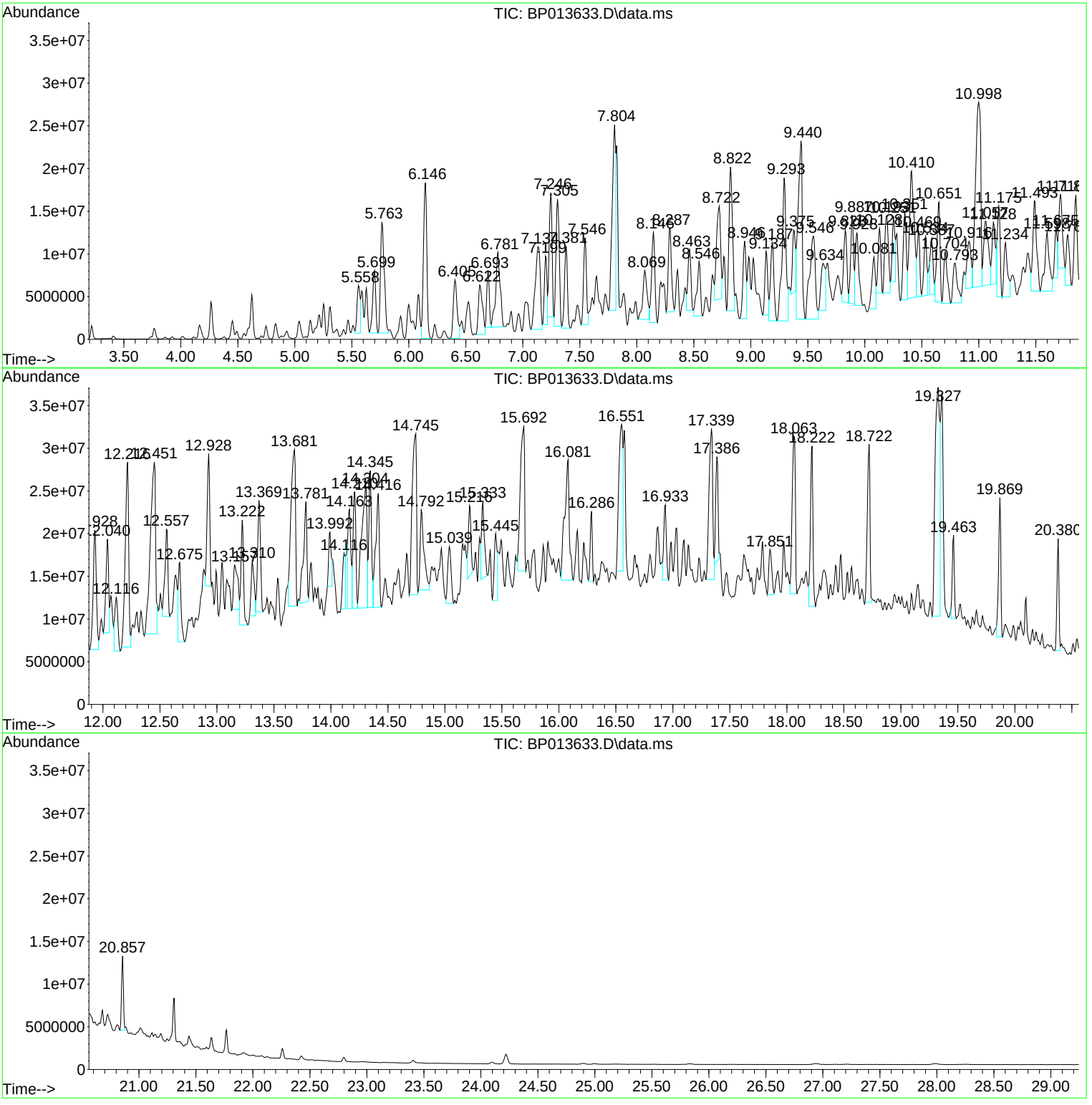
Sum of corrected areas: 2311987138

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

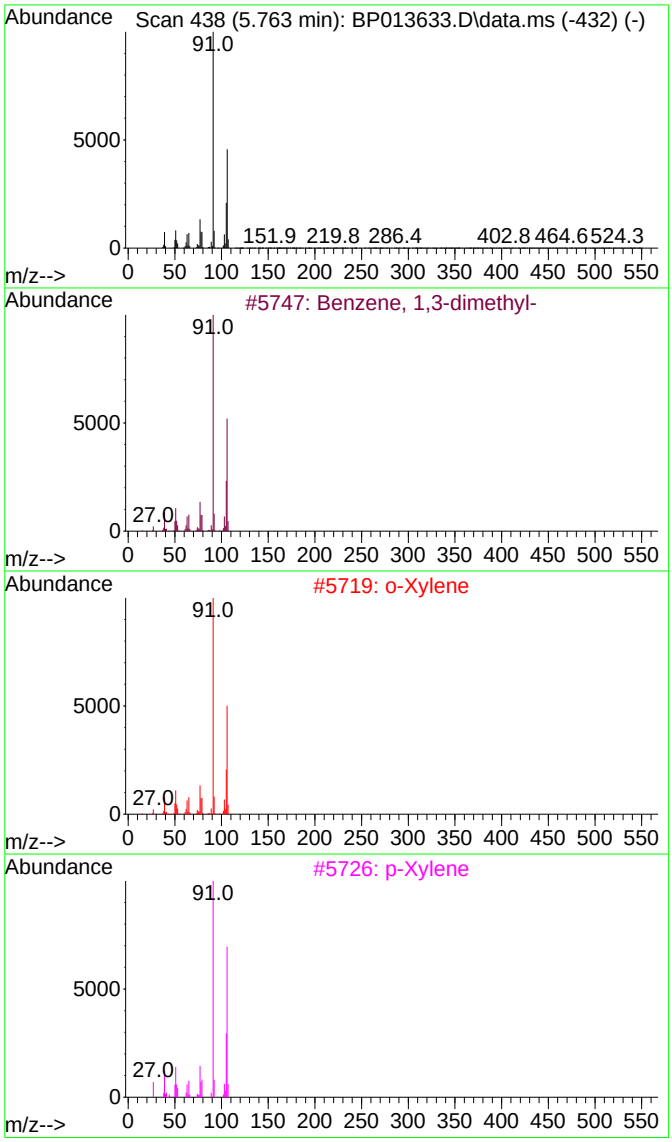
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

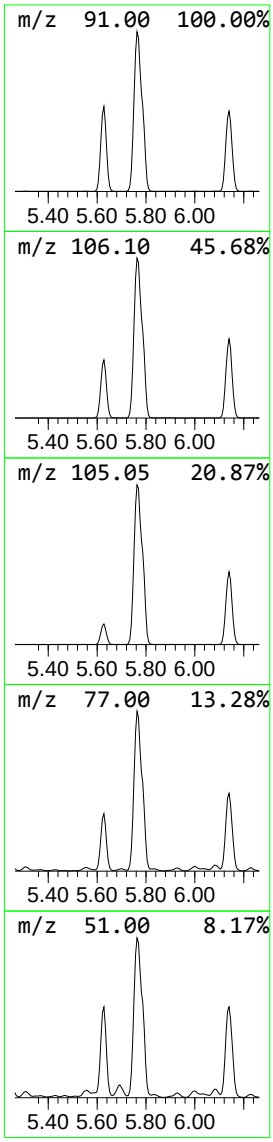
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.763	28.11 ng	29759200	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

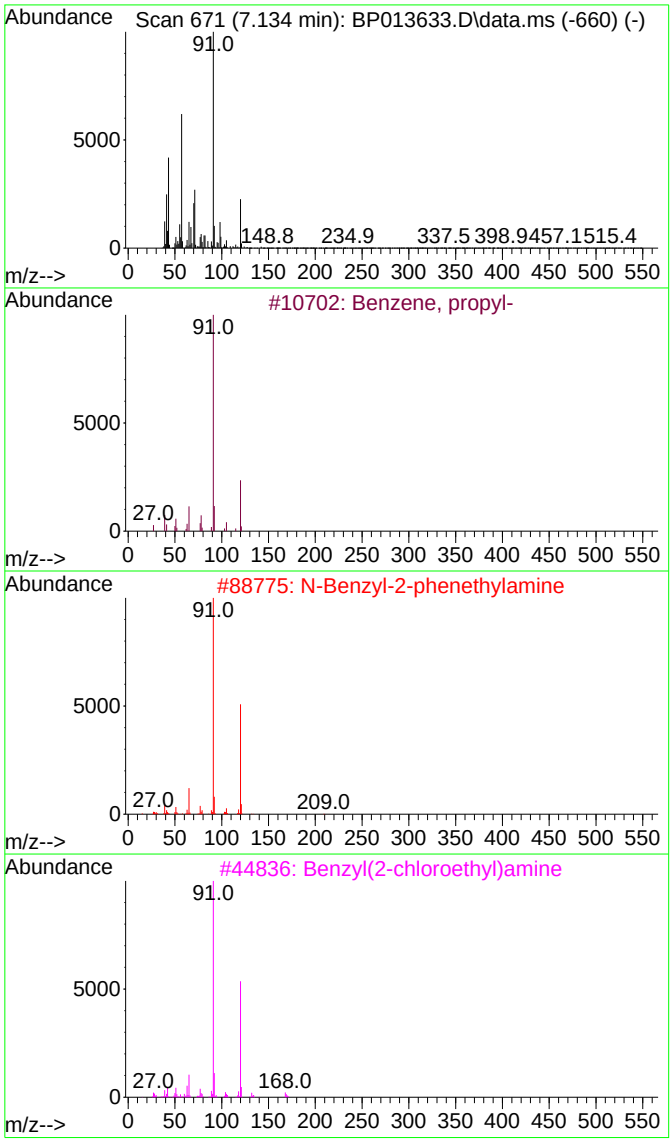
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

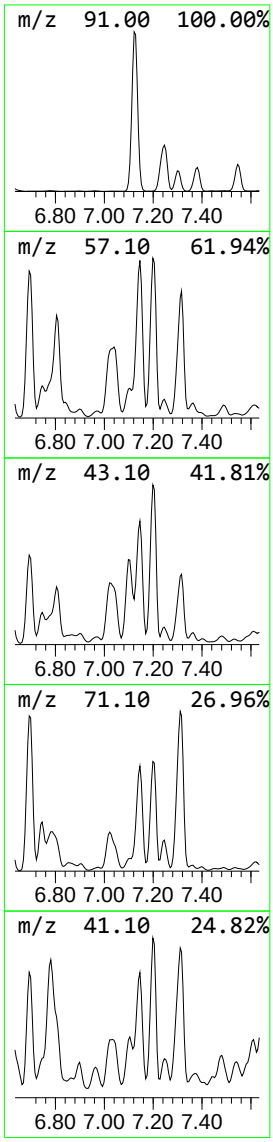
****

Peak Number 3 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	27.91 ng	29547400	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	83
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	35
3	Benzyl(2-chloroethyl)amine	169	C9H12ClN	042074-16-8	35
4	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	35
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

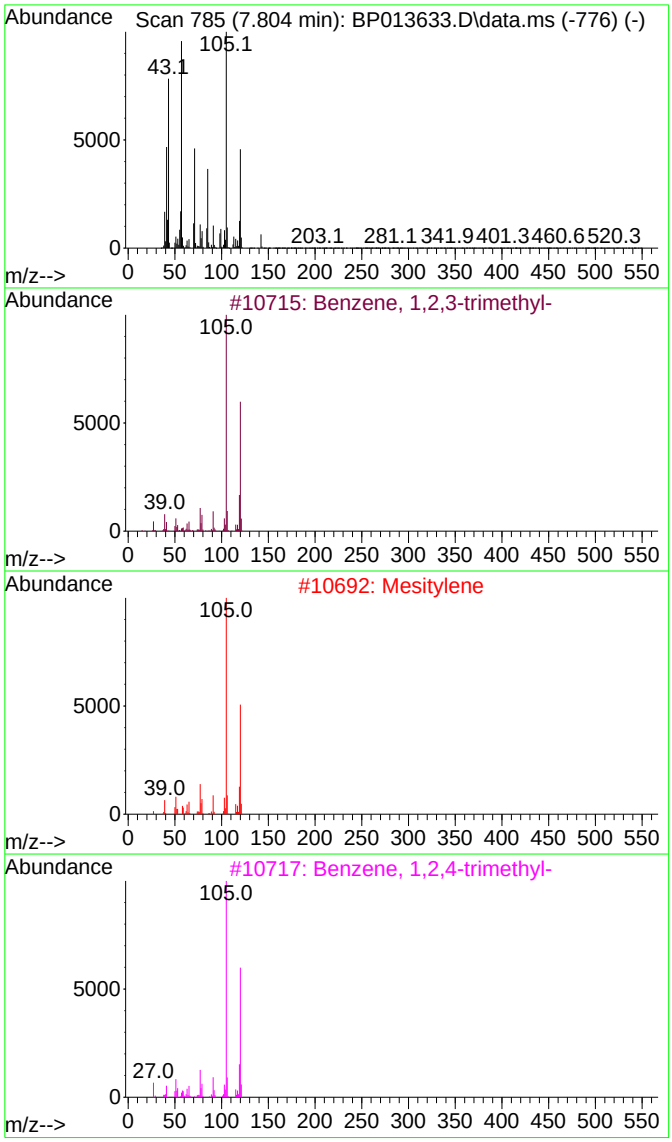
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

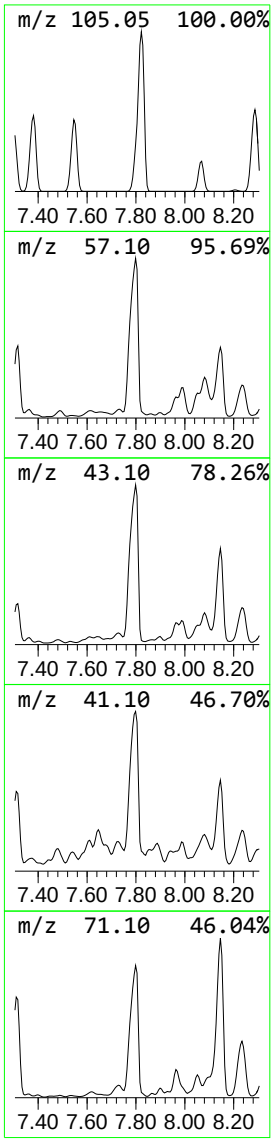
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.804	45.21 ng	47866900	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2	Mesitylene	120	C9H12	000108-67-8	89
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Decane	142	C10H22	000124-18-5	50
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

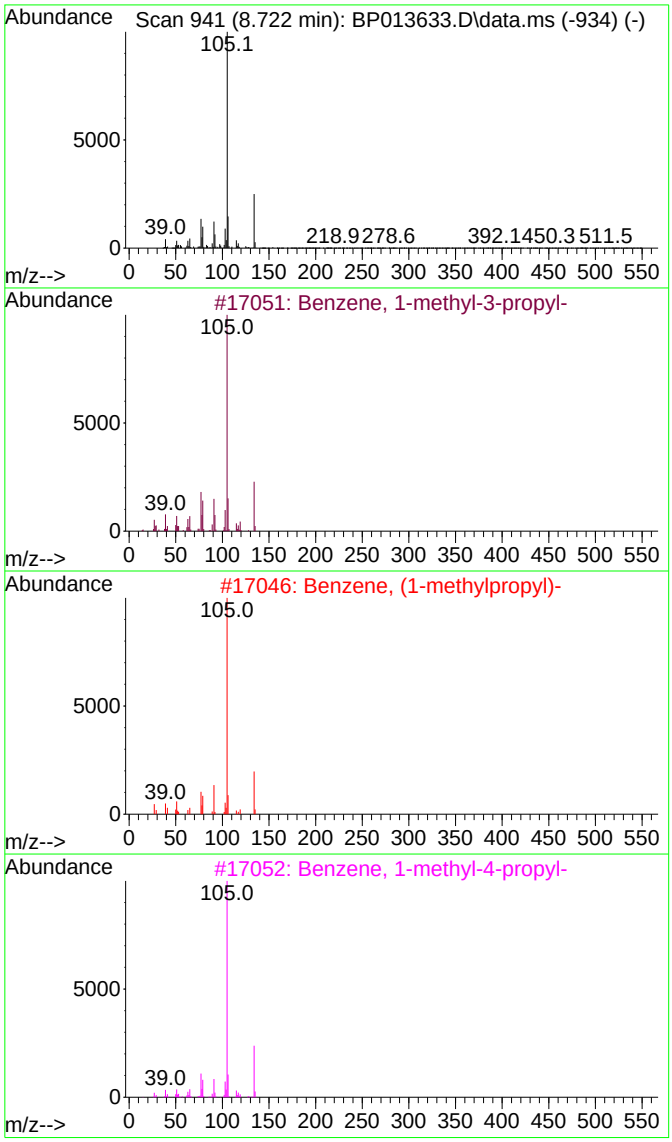
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

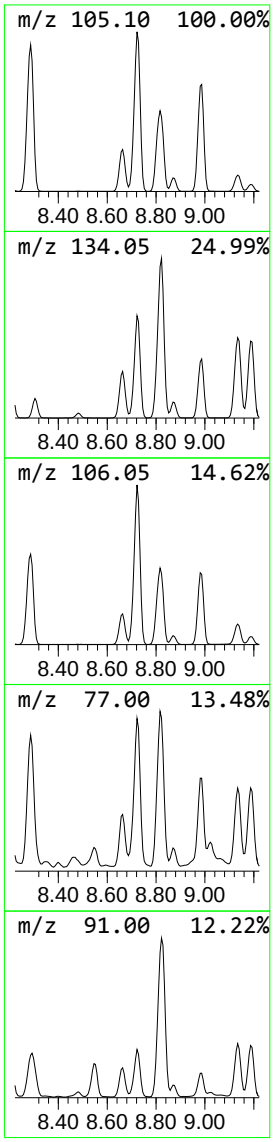
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	25.79 ng	27300400	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

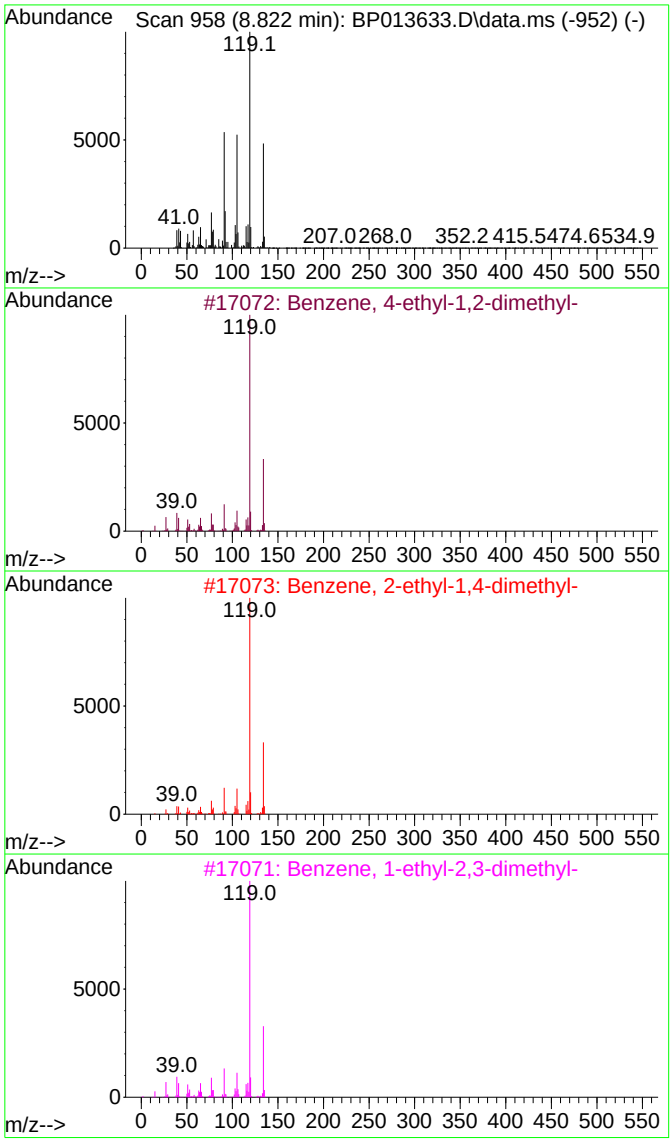
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

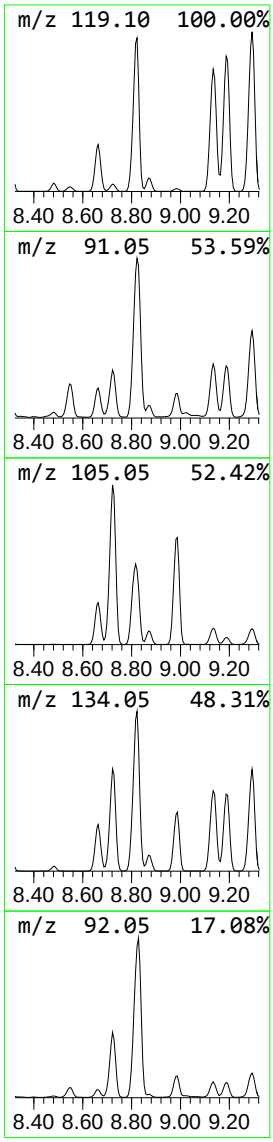
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	34.90 ng	36952600	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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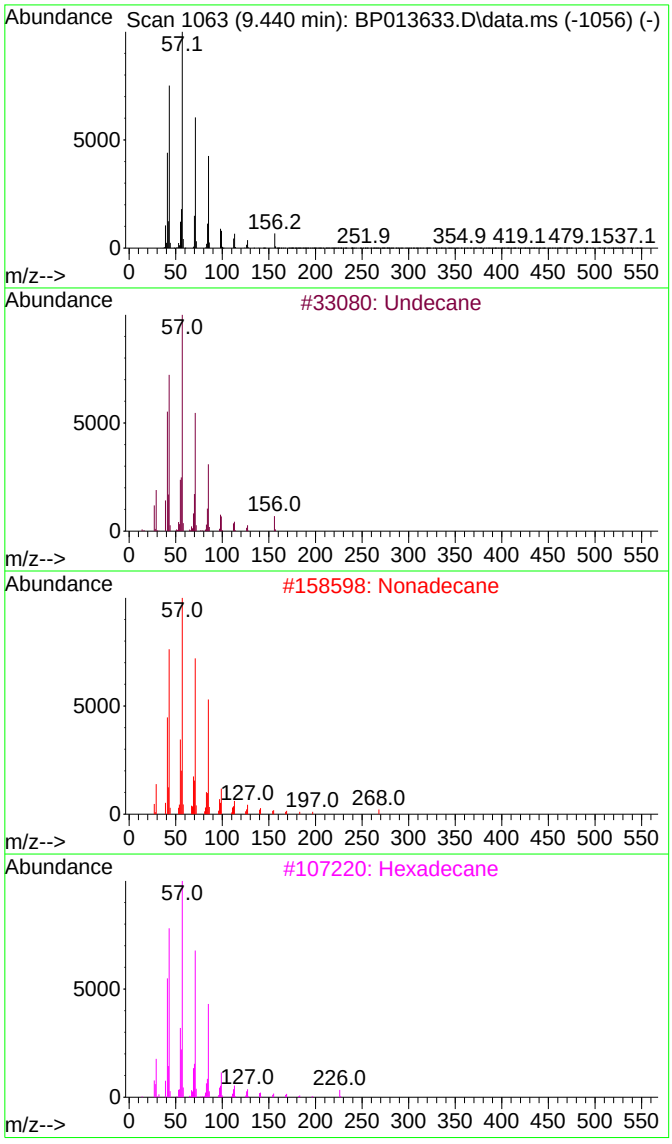
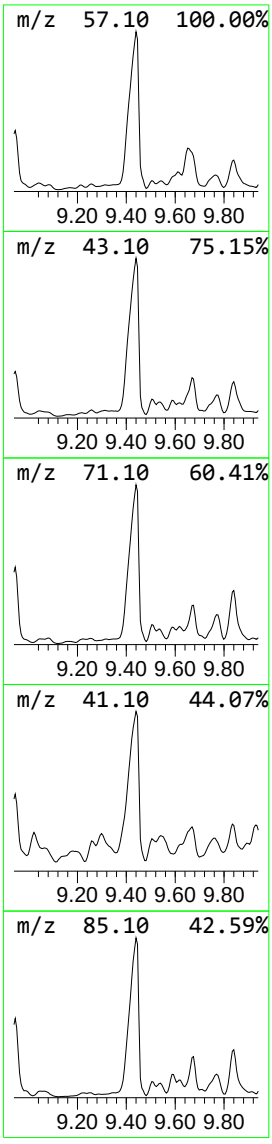
Peak Number 7 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.440	48.41 ng	51252800	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90





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Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

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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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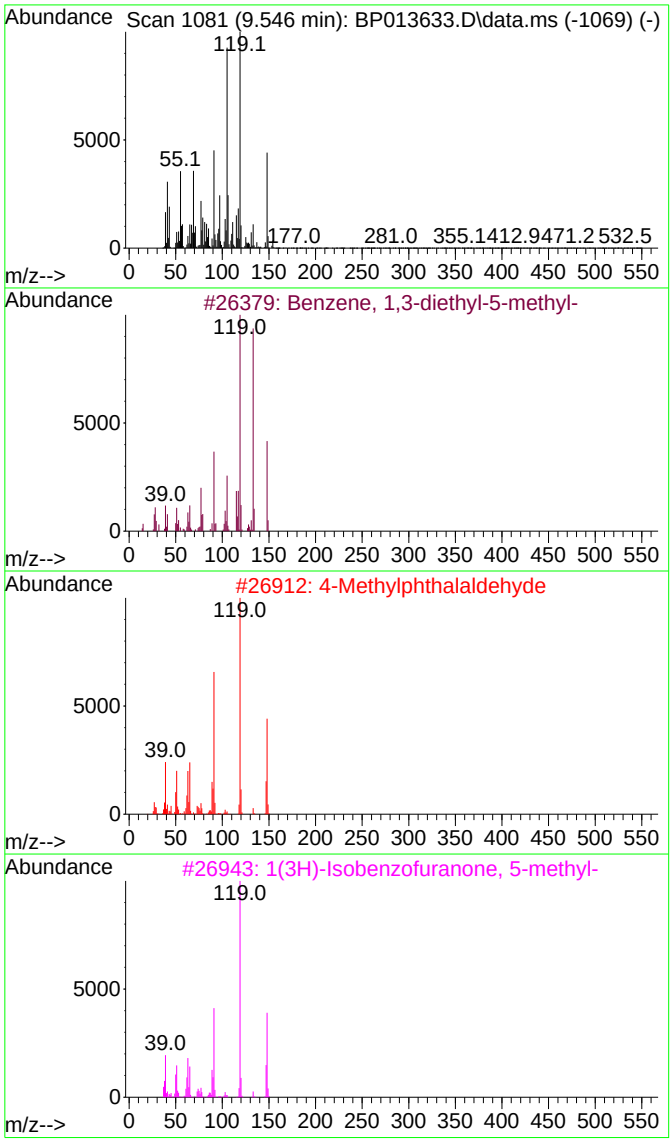
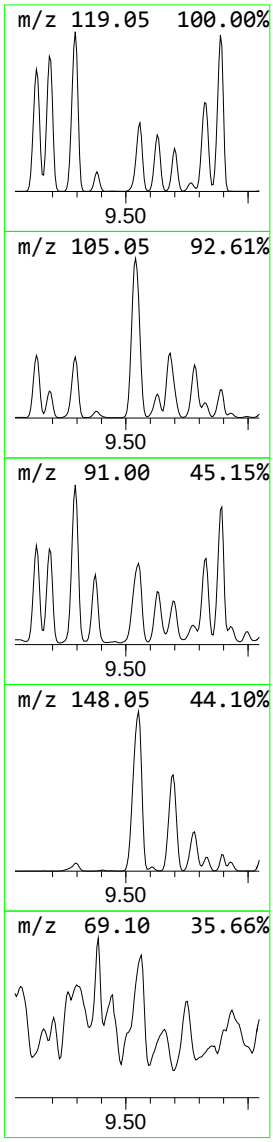
Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.546	32.56 ng	34473400	1,4-Dichlorobenzene-d4	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	46
3	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	46
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42





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ALS Vial : 16 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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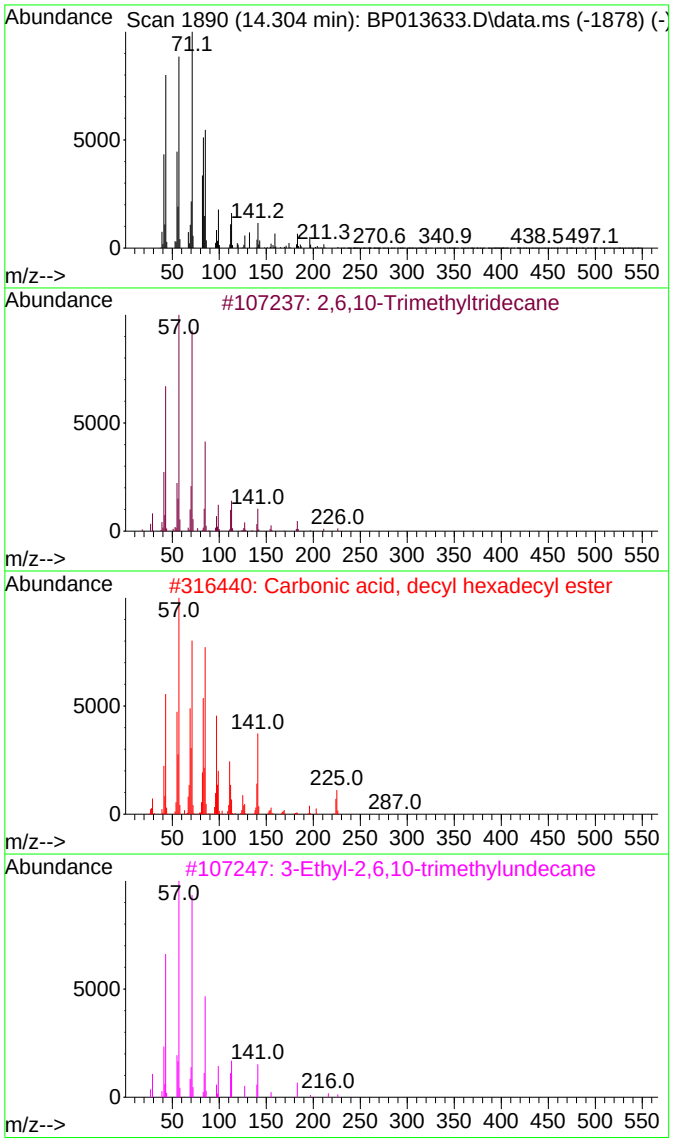
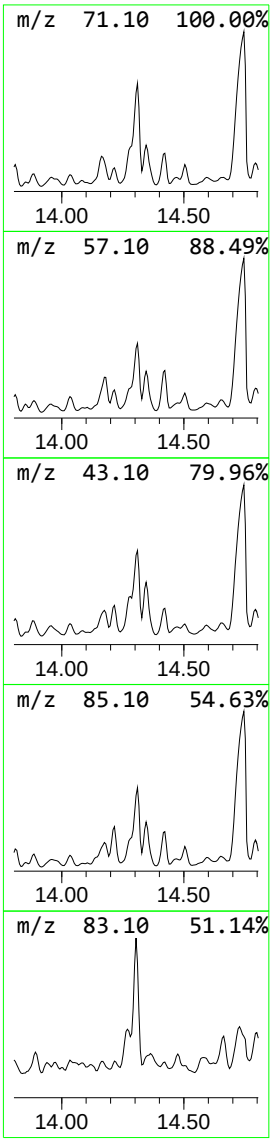
Peak Number 9 2,6,10-Trimethyltridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	42.76 ng	47387100	Acenaphthene-d10	14.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	70
2	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	58
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5	Dodecane	170	C12H26	000112-40-3	52





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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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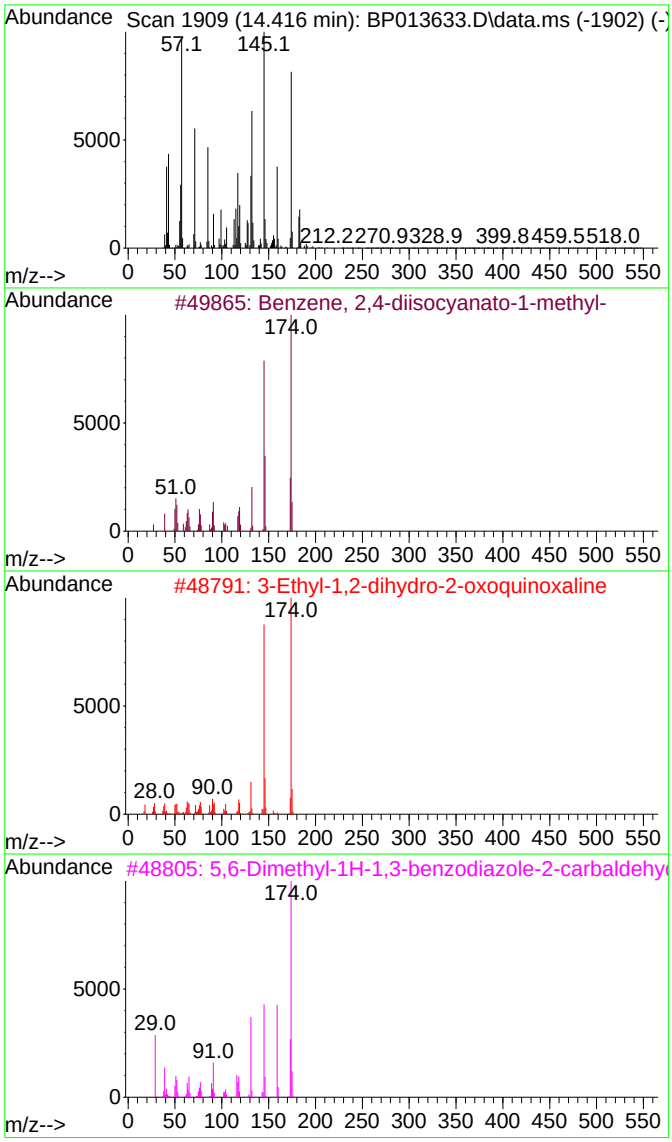
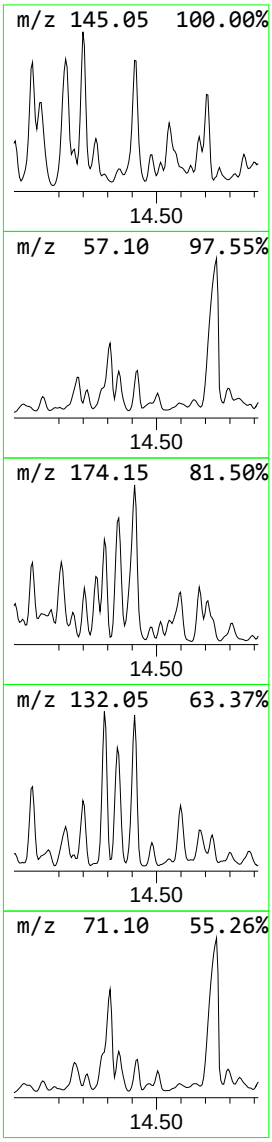
Peak Number 10 unknown14.416 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	25.57 ng	28337500	Acenaphthene-d10	14.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	38
2	3-Ethyl-1,2-dihydro-2-oxoquinoxa...	174	C10H10N2O	013297-35-3	35
3	5,6-Dimethyl-1H-1,3-benzodiazole...	174	C10H10N2O	920484-85-1	27
4	Pyrazole, 5-(4-methoxyphenyl)-	174	C10H10N2O	1000157-86-0	18
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	11





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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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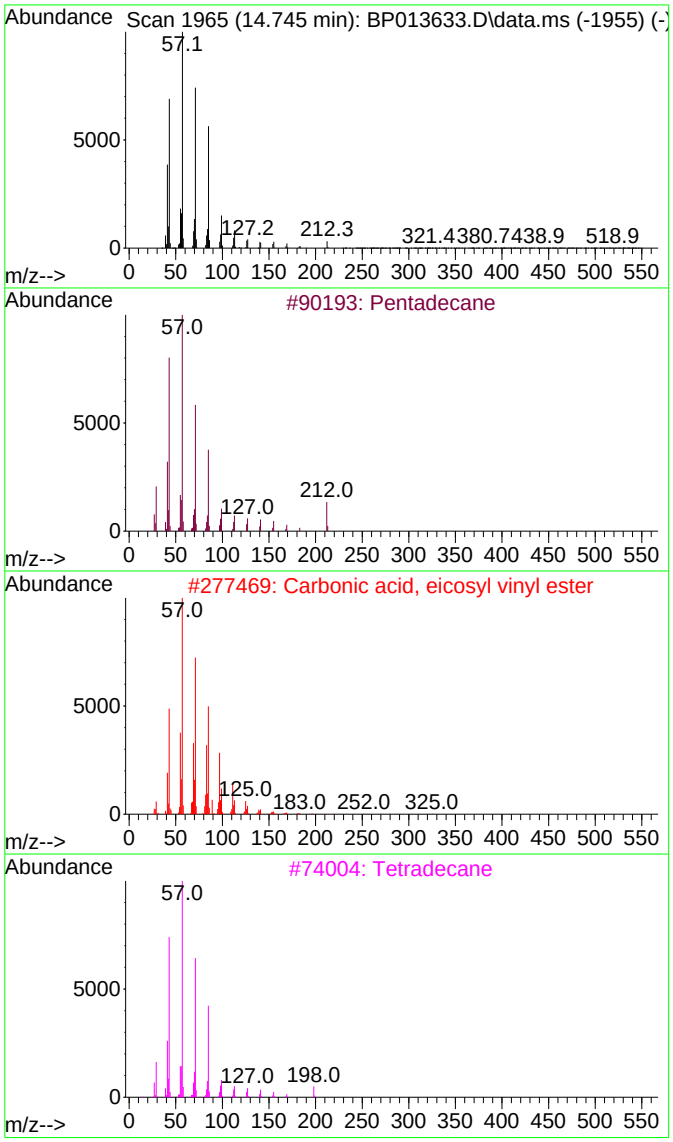
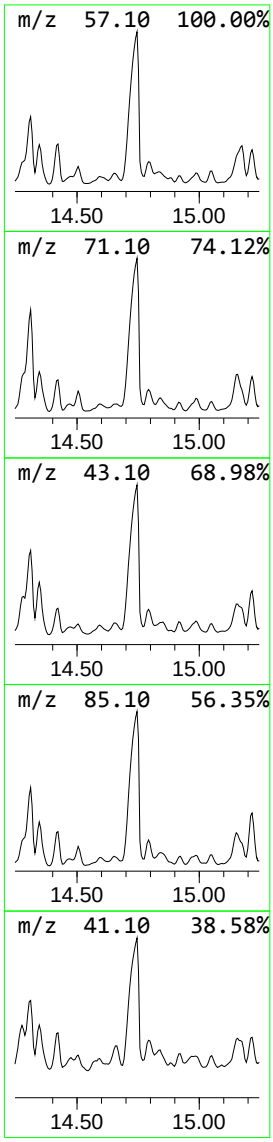
Peak Number 11 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	44.30 ng	49083800	Acenaphthene-d10	14.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Misc :
ALS Vial : 16 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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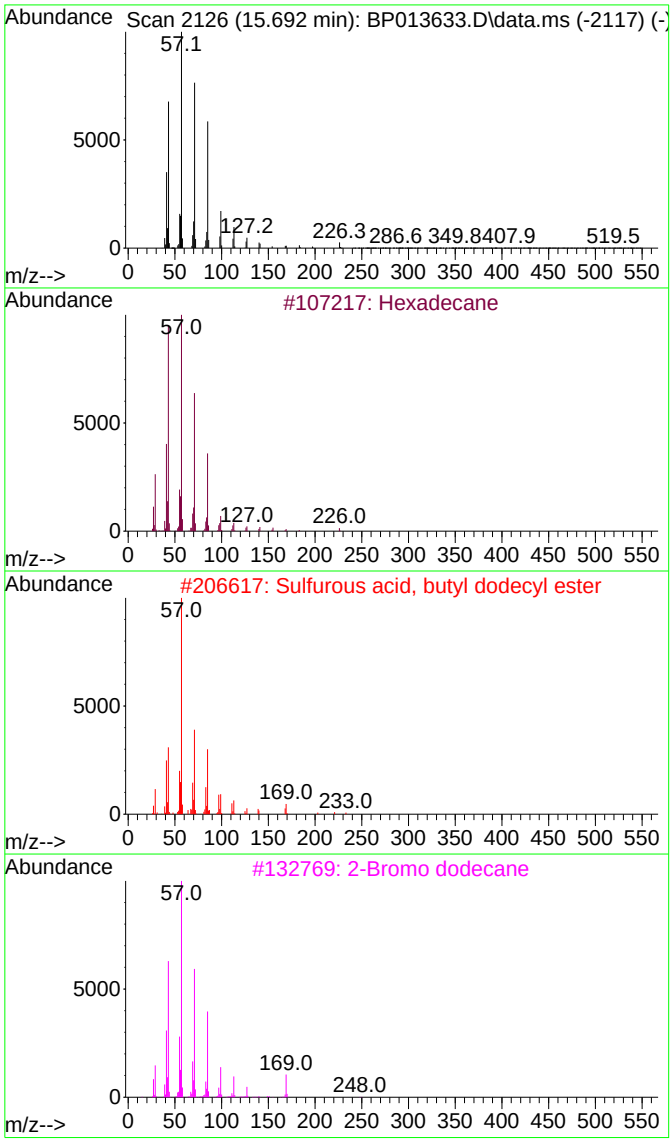
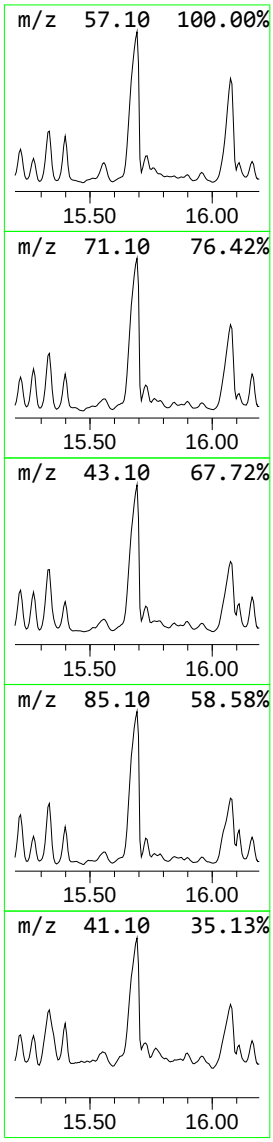
Peak Number 12 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	38.65 ng	42832000	Acenaphthene-d10	14.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62





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Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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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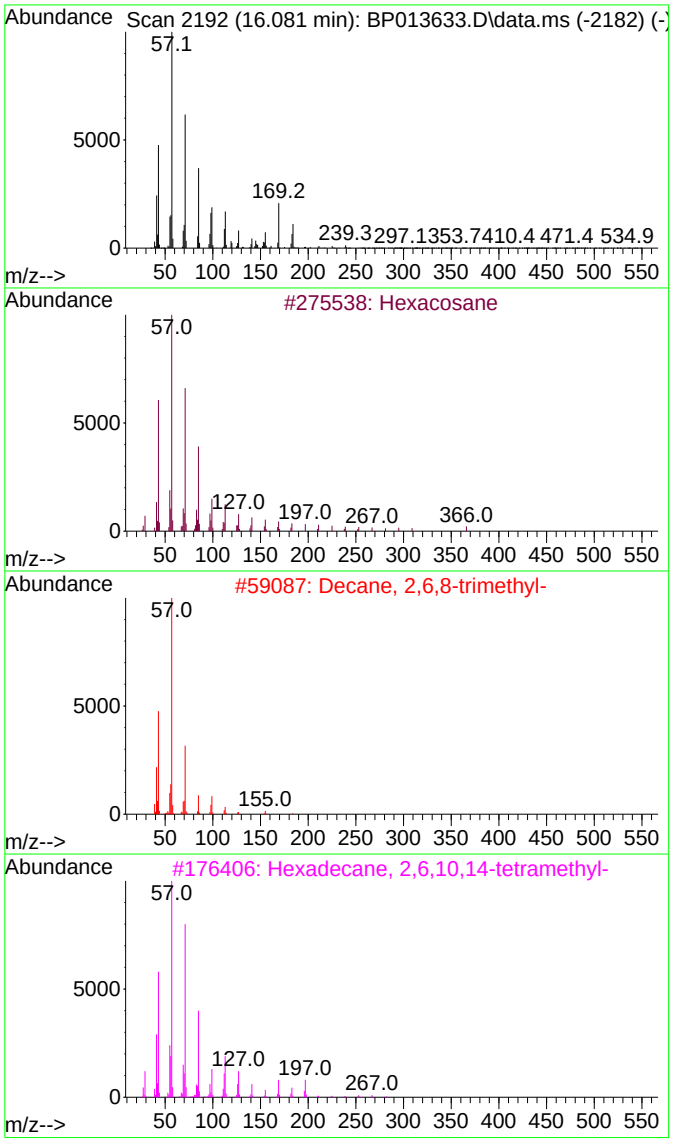
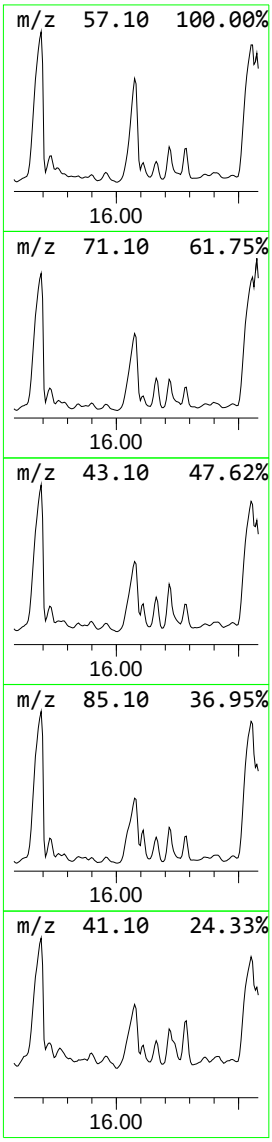
Peak Number 13 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.081	35.55 ng	39393000	Acenaphthene-d10	14.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	64
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4	Heptadecane	240	C17H36	000629-78-7	53
5	Heptacosane	380	C27H56	000593-49-7	53





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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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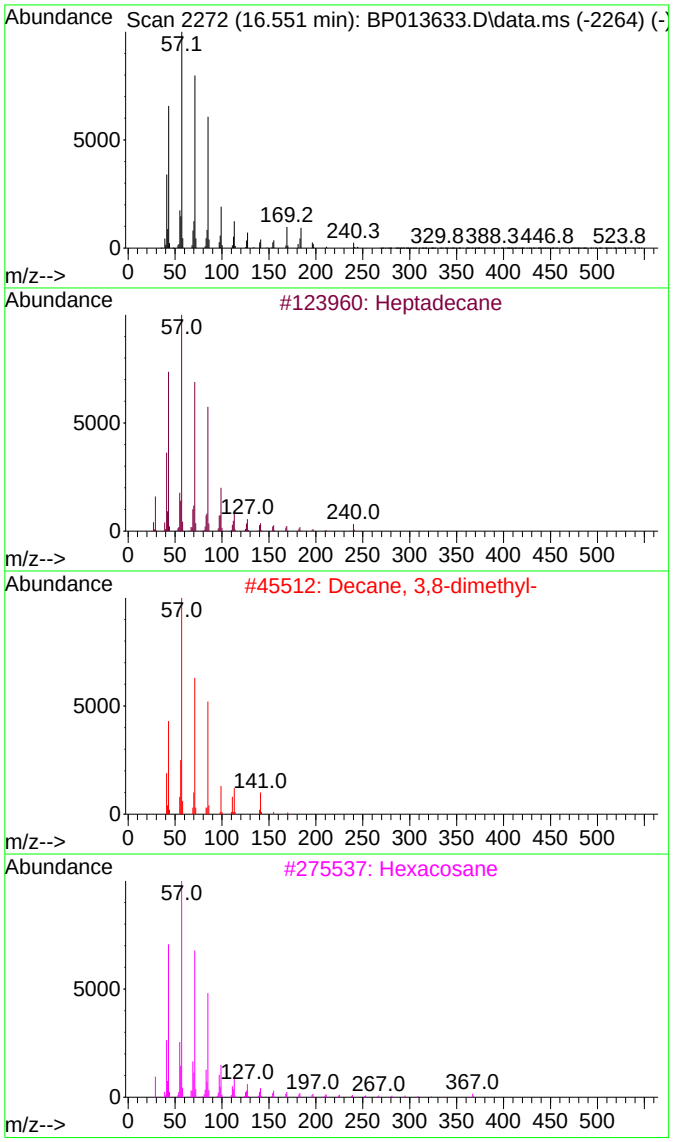
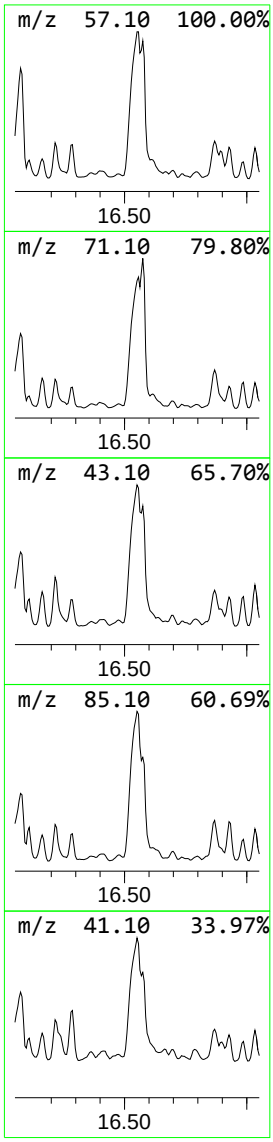
Peak Number 14 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	49.38 ng	43623700	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Heneicosane	296	C21H44	000629-94-7	80





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ALS Vial : 16 Sample Multiplier: 1

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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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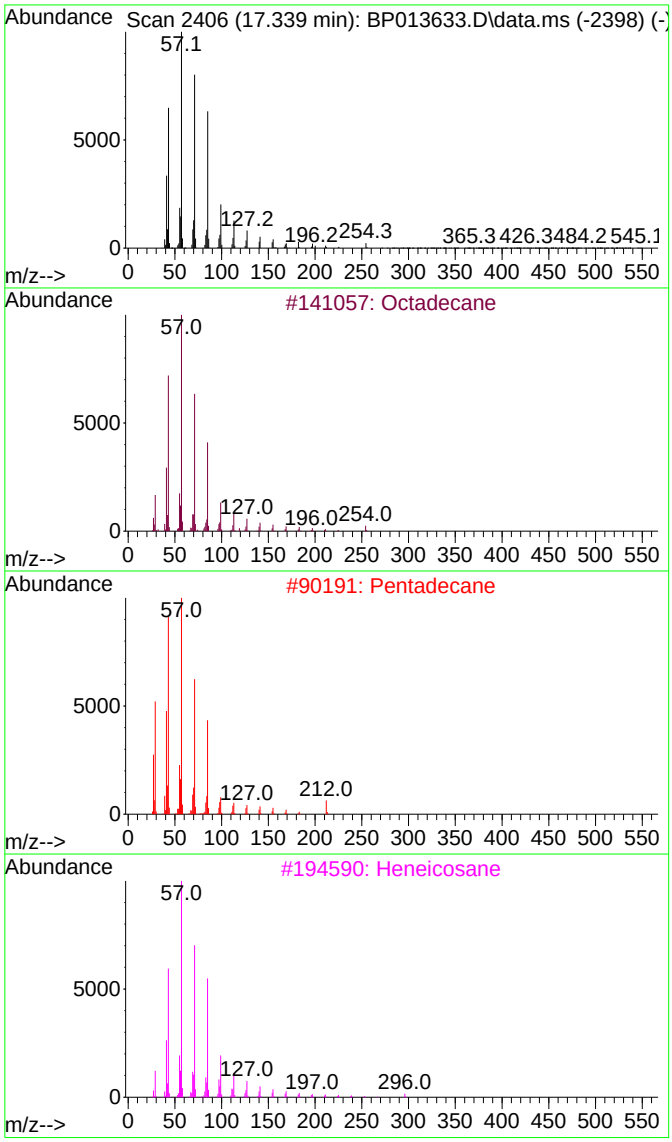
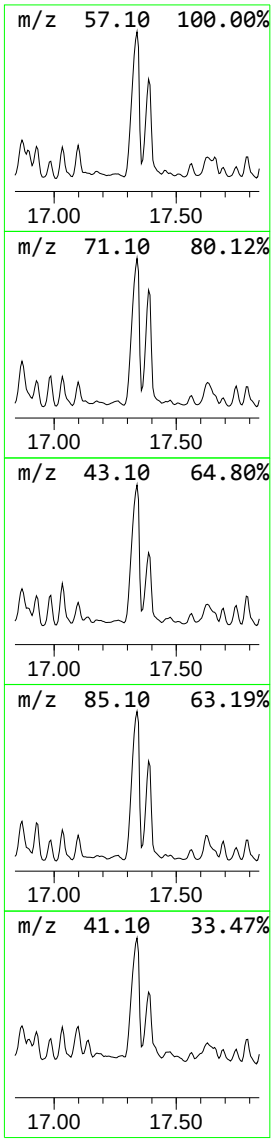
Peak Number 15 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.339	45.47 ng	40172400	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	86





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ALS Vial : 16 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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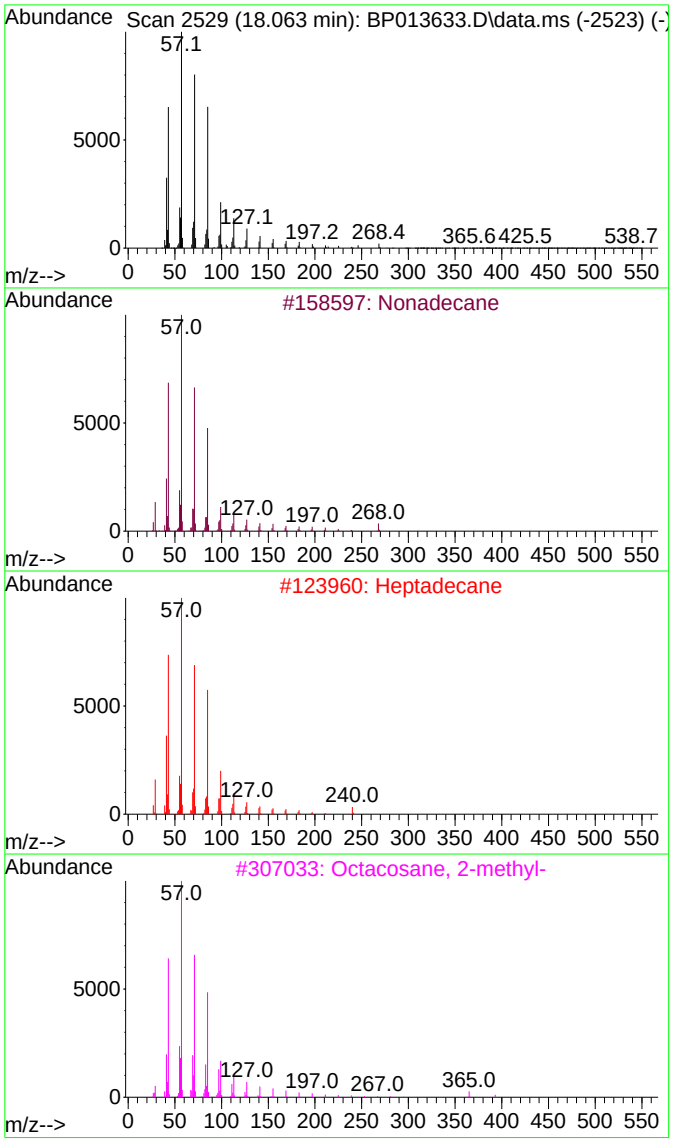
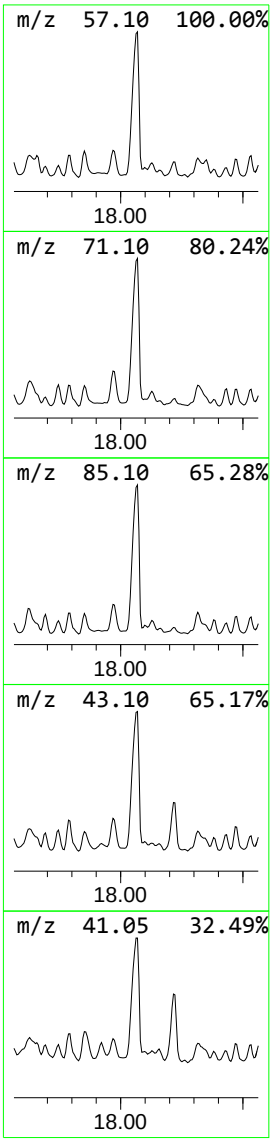
Peak Number 16 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	40.24 ng	35551200	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octadecane	254	C18H38	000593-45-3	83





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ALS Vial : 16 Sample Multiplier: 1

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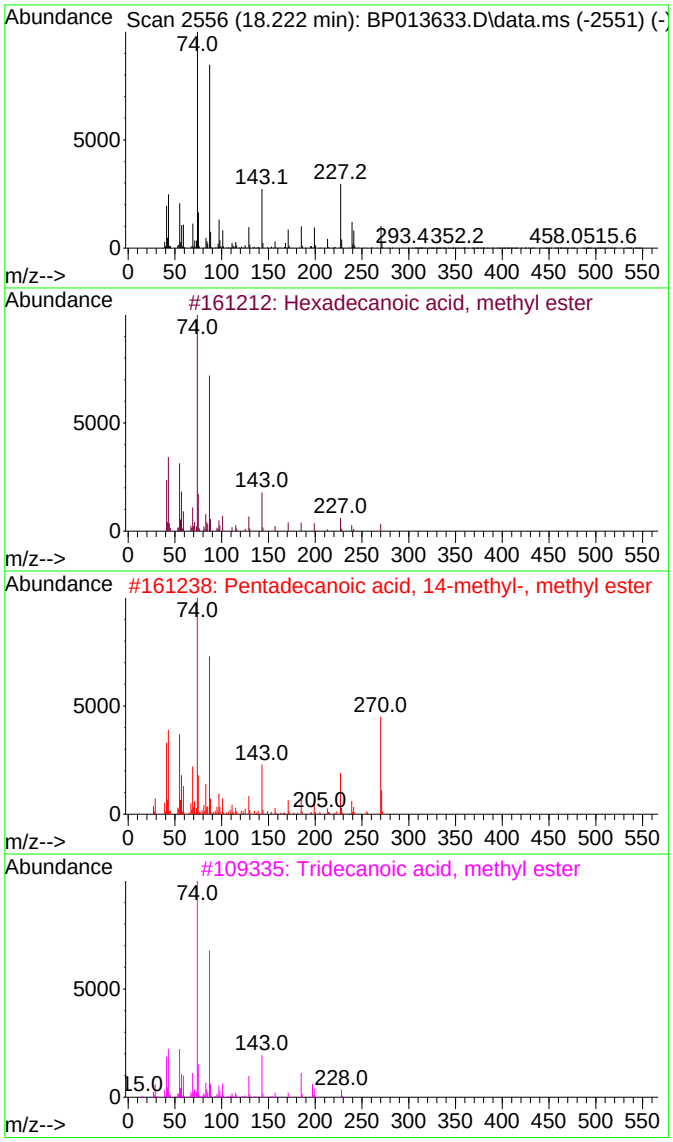
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

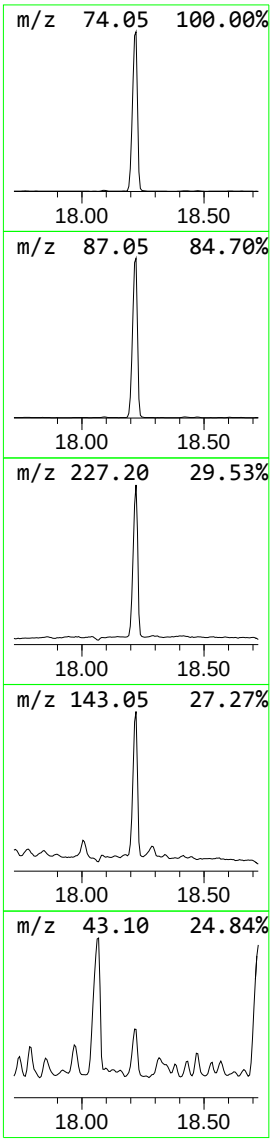
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	31.82 ng	28109400	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





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Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

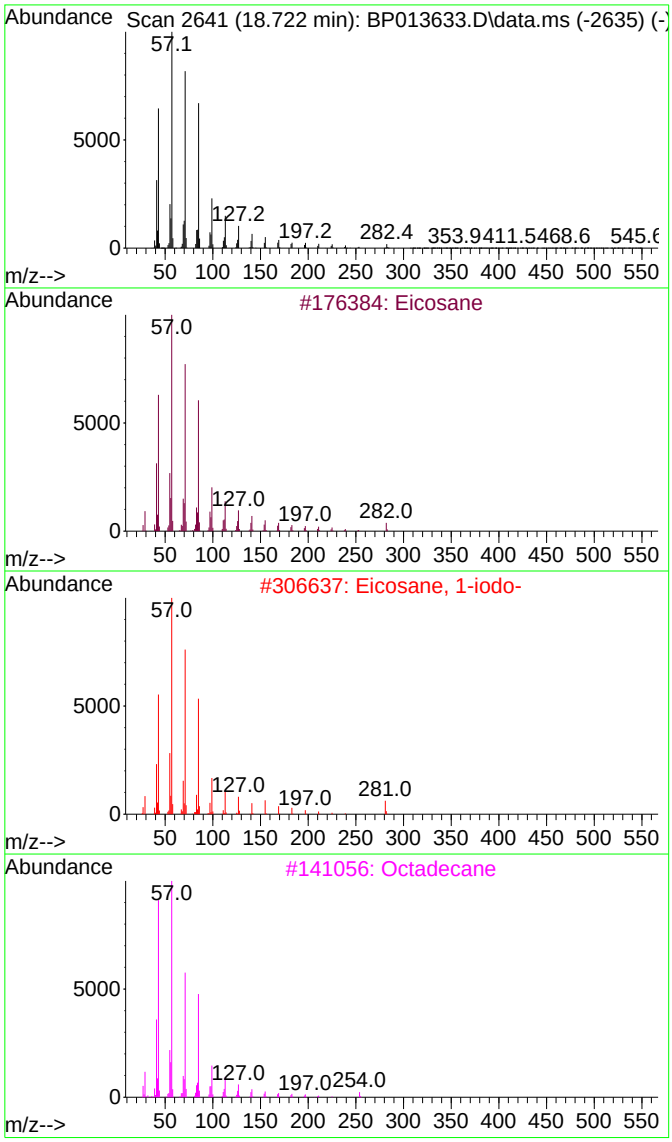
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

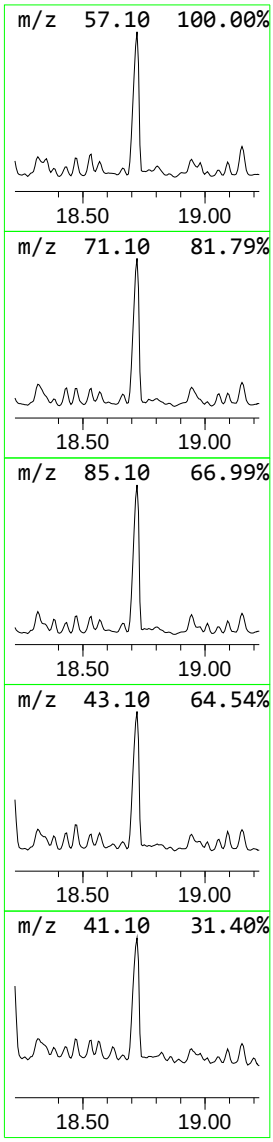
****

Peak Number 18 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	33.82 ng	29878900	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

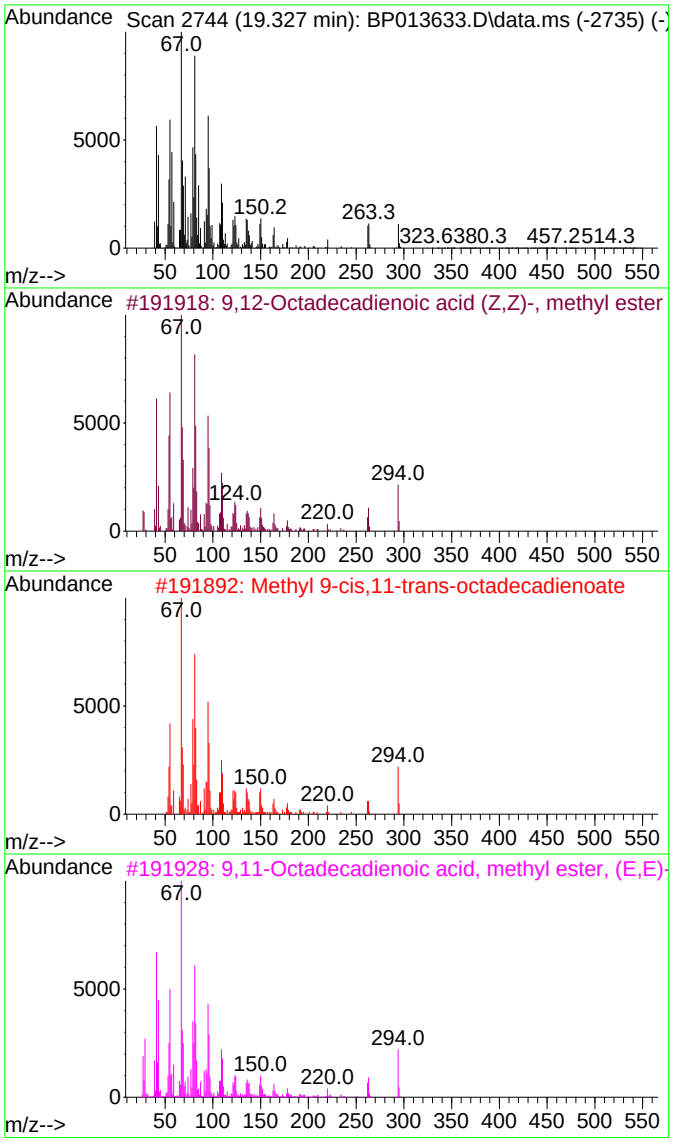
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

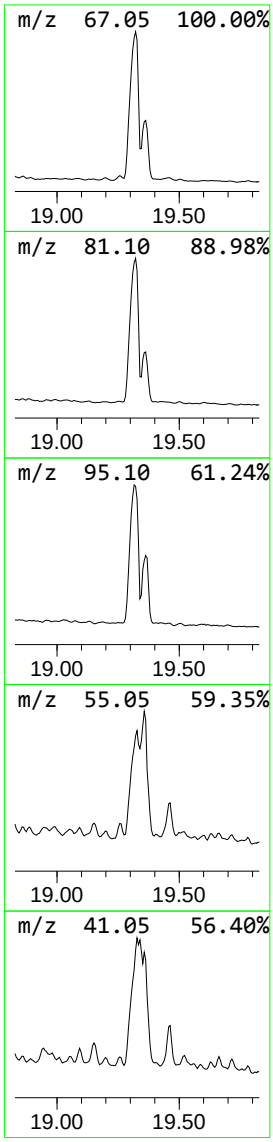
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	89.63 ng	79183200	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

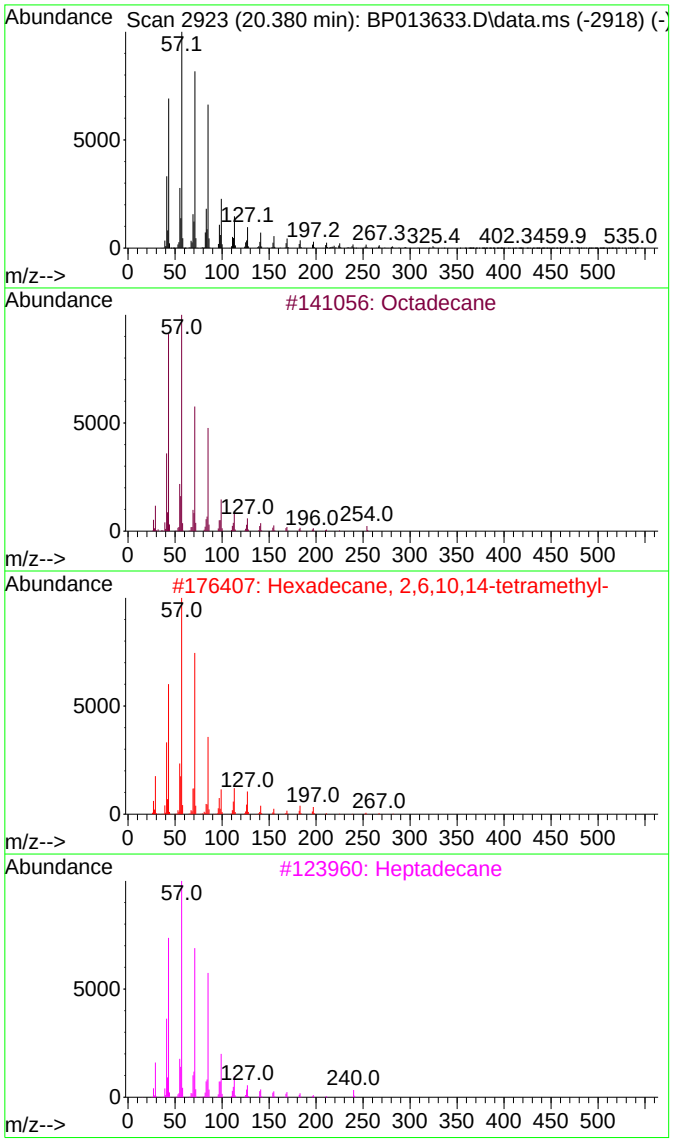
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

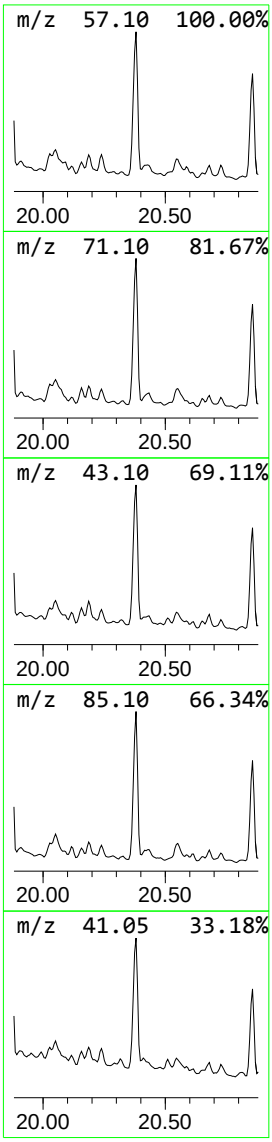
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.380	31.99 ng	15490500	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013633.D
Acq On : 27 Jan 2023 23:58
Operator : CG/JU
Sample : 01190-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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
Benzene, 1,3-di...	5.763	28.1	ng	29759200	1	8.163	21173300	20.0
Benzene, propyl-	7.134	27.9	ng	29547400	1	8.163	21173300	20.0
Benzene, 1,2,3-...	7.804	45.2	ng	47866900	1	8.163	21173300	20.0
Benzene, 1-meth...	8.722	25.8	ng	27300400	1	8.163	21173300	20.0
Benzene, 4-ethy...	8.822	34.9	ng	36952600	1	8.163	21173300	20.0
Undecane	9.440	48.4	ng	51252800	1	8.163	21173300	20.0
Benzene, 1,3-di...	9.546	32.6	ng	34473400	1	8.163	21173300	20.0
2,6,10-Trimethy...	14.304	42.8	ng	47387100	3	14.828	22161800	20.0
unknown14.416	14.416	25.6	ng	28337500	3	14.828	22161800	20.0
Pentadecane	14.745	44.3	ng	49083800	3	14.828	22161800	20.0
Hexadecane	15.692	38.6	ng	42832000	3	14.828	22161800	20.0
Hexacosane	16.081	35.5	ng	39393000	3	14.828	22161800	20.0
Heptadecane	16.551	49.4	ng	43623700	4	17.580	17669100	20.0
Octadecane	17.339	45.5	ng	40172400	4	17.580	17669100	20.0
Nonadecane	18.063	40.2	ng	35551200	4	17.580	17669100	20.0
Hexadecanoic ac...	18.222	31.8	ng	28109400	4	17.580	17669100	20.0
Eicosane	18.722	33.8	ng	29878900	4	17.580	17669100	20.0
9,12-Octadecadi...	19.327	89.6	ng	79183200	4	17.580	17669100	20.0
Hexadecane, 2,6...	20.380	32.0	ng	15490500	5	21.633	9683320	20.0