LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-104

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.581	402	407	425	rVB	845844	1860215	12.59%	0.576%
2	5.963	466	472	481	rVB	2511749	4095670	27.73%	1.269%
3	6.228	509	517	524	rBV2	508933	1125826	7.62%	0.349%
4	6.516	561	566	571	rBV	762870	1205167	8.16%	0.373%
5	6.604	576	581	591	rVB3	768147	1876887	12.71%	0.582%
6	6.963	638	642	648	rVV2	1276204	2286237	15.48%	0.708%
7	7.028	648	653	656	rVV	1131721	1675288	11.34%	0.519%
8	7.075	656	661	665	rVV	1794227	2825318	19.13%	0.875%
9	7.134	665	671	677	rVV2	2042788	3602383	24.39%	1.116%
10	7.210	678	684	690	rVB	917680	1438084	9.74%	0.446%
11	7.375	705	712	717	rBV	897668	1650881	11.18%	0.512%
12	7.628	747	755	758	rBV	5496186	11304328	76.53%	3.503%
13	7.898	791	801	807	rBV3	634968	1686684	11.42%	0.523%
14	7.969	807	813	820	rVB	1731861	2777744	18.80%	0.861%
15	8.116	833	838	844	rBV2	1227940	2235802	15.14%	0.693%
16	8.287	863	867	873	rVB2	837031	1430557	9.68%	0.443%
17	8.528	904	908	910	rBV	873950	1295937	8.77%	0.402%
18	8.587	915	918	923	rVB	1123698	1607498	10.88%	0.498%
19	8.651	923	929	934	rBV3	2750367	5369267	36.35%	1.664%
20	8.769	942	949	952	rBV	1613116	2687432	18.19%	0.833%
21	8.810	952	956	959	rVV	724813	1285733	8.70%	0.398%
22	8.963	976	982	986	rBV	906698	1594350	10.79%	0.494%
23	9.016	986	991	997	rVB	1099166	1929670	13.06%	0.598%
24	9.116	1003	1008	1017	rVB	1863371	3087574	20.90%	0.957%
25	9.204	1017	1023	1024	rBV2	1004986	1554529	10.52%	0.482%
26	9.257	1024	1032	1038	rVB	5721429	12566210	85.07%	3.894%
27	9.369	1045	1051	1058	rVB4	1028086	2422151	16.40%	0.751%
28	9.463	1058	1067	1069	rBV3	773584	1806303	12.23%	0.560%
29	9.645	1093	1098	1103	rVV	1429006	2261766	15.31%	0.701%
30	9.704	1103	1108	1112	rVV	1439994	2543916	17.22%	0.788%
31	9.739	1112	1114	1125	rVB2	939485	1718415	11.63%	0.532%
32	9.892	1131	1140	1144	rBV2	611510	1514015	10.25%	0.469%
33	9.939	1144	1148	1153	rVB3	870489	1417355	9.60%	0.439%
34	10.069	1165	1170	1171	rBV	1145766	1718473	11.63%	0.532%
35	10.157	1179	1185	1190	rBV2	1428507	2709180	18.34%	0.839%
36	10.228	1190	1197	1203	rVV4	2538064	6076183	41.13%	1.883%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-104

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.281	1203	1206	1210	rVV2	972007	1501170	10.16%	0.465%
38	10.339	1210	1216	1219	rVV	1371478	2204955	14.93%	0.683%
39	10.398	1219	1226	1231	rVV4	900832	2215653	15.00%	0.687%
40	10.457	1231	1236	1241	rVB	1267254	2085084	14.12%	0.646%
41	10.516	1241	1246	1254	rVB3	737346	1557528	10.54%	0.483%
42	10.592	1254	1259	1268	rBV5	549300	1267564	8.58%	0.393%
43	10.710	1275	1279	1281	rVV3	622544	1176263	7.96%	0.364%
44	10.804	1285	1295	1300	rVV2	6046778	14771494	100.00%	4.577%
45	10.881	1302	1308	1313	rVV7	836607	2608458	17.66%	0.808%
46	10.933	1313	1317	1319	rVV2	983191	1766776	11.96%	0.547%
47	10.969	1319	1323	1329	rVB	2066837	3522725	23.85%	1.092%
48	11.033	1329	1334	1340	rBV	894249	1817703	12.31%	0.563%
49	11.292	1373	1378	1385	rVB5	1170541	2505355	16.96%	0.776%
50	11.510	1411	1415	1422	rVV5	1133580	2892882	19.58%	0.896%
51	11.569	1422	1425	1433	rVB3	803589	1573947	10.66%	0.488%
52	11.645	1433	1438	1445	rBV4	1381853	2651999	17.95%	0.822%
53	11.728	1446	1452	1459	rBV3	1921665	3556515	24.08%	1.102%
54	11.833	1464	1470	1474	rBV	2157007	3291318	22.28%	1.020%
55	12.016	1495	1501	1507	rVB2	2036709	3451987	23.37%	1.070%
56	12.251	1529	1541	1545	rBV	5726492	13092429	88.63%	4.057%
57	12.369	1557	1561	1567	rVB3	1137530	1789654	12.12%	0.555%
58	12.445	1568	1574	1578	rVB3	893817	1634428	11.06%	0.506%
59	12.733	1619	1623	1628	rVB2	1229911	1769959	11.98%	0.548%
60	12.857	1639	1644	1648	rBV2	1123771	1760619	11.92%	0.546%
61	12.898	1648	1651	1659	rVV4	681818	1595408	10.80%	0.494%
62	12.969	1659	1663	1671	rVV5	796810	1869907	12.66%	0.579%
63	13.039	1671	1675	1680	rVB2	1782492	2495830	16.90%	0.773%
64	13.127	1685	1690	1694	rBV3	1170907	1981796	13.42%	0.614%
65	13.180	1694	1699	1706	rVB2	1962260	3318916	22.47%	1.028%
66	13.486	1742	1751	1756	rVB	5767844	12390512	83.88%	3.839%
67	13.598	1766	1770	1774	rVB2	854641	1156541	7.83%	0.358%
68	13.927	1822	1826	1831	rVV5	657738	1317051	8.92%	0.408%
69	13.986	1832	1836	1840	rVV5	1061339	2392822	16.20%	0.741%
70	14.033	1840	1844	1848	rVB3	1341708	1994561	13.50%	0.618%
71	14.122	1848	1859	1863	rBV4	2798128	6660287	45.09%	2.064%
72	14.163	1863	1866	1872	rVB2	2110441	3032361	20.53%	0.940%
73	14.239	1874	1879	1883	rVB2	1600389	2576615	17.44%	0.798%
74	14.557	1925	1933	1937	rBV	6019124	11891141	80.50%	3.685%
75	14.616	1938	1943	1947	rBV5	1097008	2182863	14.78%	0.676%
76	14.974	2000	2004	2006	rBV2	833304	1308206	8.86%	0.405%

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Misc :
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Instrument : BNA_M
ClientSampleId : PS-104

Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.033	2011	2014	2019	rVV2	1010561	1503571	10.18%	0.466%
78	15.151	2027	2034	2040	rBV5	1879897	4072836	27.57%	1.262%
79	15.216	2042	2045	2049	rVB	1053734	1290396	8.74%	0.400%
80	15.498	2085	2093	2096	rBV	5634711	10092036	68.32%	3.127%
81	15.580	2104	2107	2118	rVB6	654001	1636636	11.08%	0.507%
82	15.886	2150	2159	2163	rBV	2573376	5548443	37.56%	1.719%
83	15.974	2171	2174	2180	rVB2	940958	1208949	8.18%	0.375%
84	16.033	2180	2184	2191	rVV2	1021848	1889031	12.79%	0.585%
85	16.098	2191	2195	2199	rVB2	1444406	1856458	12.57%	0.575%
86	16.351	2231	2238	2252	rBV	5326172	14241073	96.41%	4.413%
87	16.674	2289	2293	2296	rBV	902008	1427805	9.67%	0.442%
88	16.733	2301	2303	2309	rVB3	924171	1167624	7.90%	0.362%
89	16.904	2327	2332	2335	rBV2	817708	1177382	7.97%	0.365%
90	17.133	2365	2371	2375	rBV	4837381	8074345	54.66%	2.502%
91	17.180	2375	2379	2383	rVB	2516646	3388464	22.94%	1.050%
92	17.586	2445	2448	2455	rVB	810227	1218418	8.25%	0.378%
93	17.657	2455	2460	2466	rBV3	800743	1444129	9.78%	0.447%
94	17.862	2489	2495	2500	rVB	4746028	7050922	47.73%	2.185%
95	18.133	2537	2541	2549	rVB4	564501	1270637	8.60%	0.394%
96	18.545	2606	2611	2615	rBV	4305623	5858542	39.66%	1.815%
97	19.168	2711	2717	2721	rBV	3835397	5078454	34.38%	1.574%
98	19.739	2809	2814	2817	rVB	2869989	3545732	24.00%	1.099%
99	20.256	2898	2902	2906	rVB	2113522	2419274	16.38%	0.750%
100	20.745	2981	2985	2988	rBV	1299099	1388594	9.40%	0.430%

Sum of corrected areas: 322724061

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
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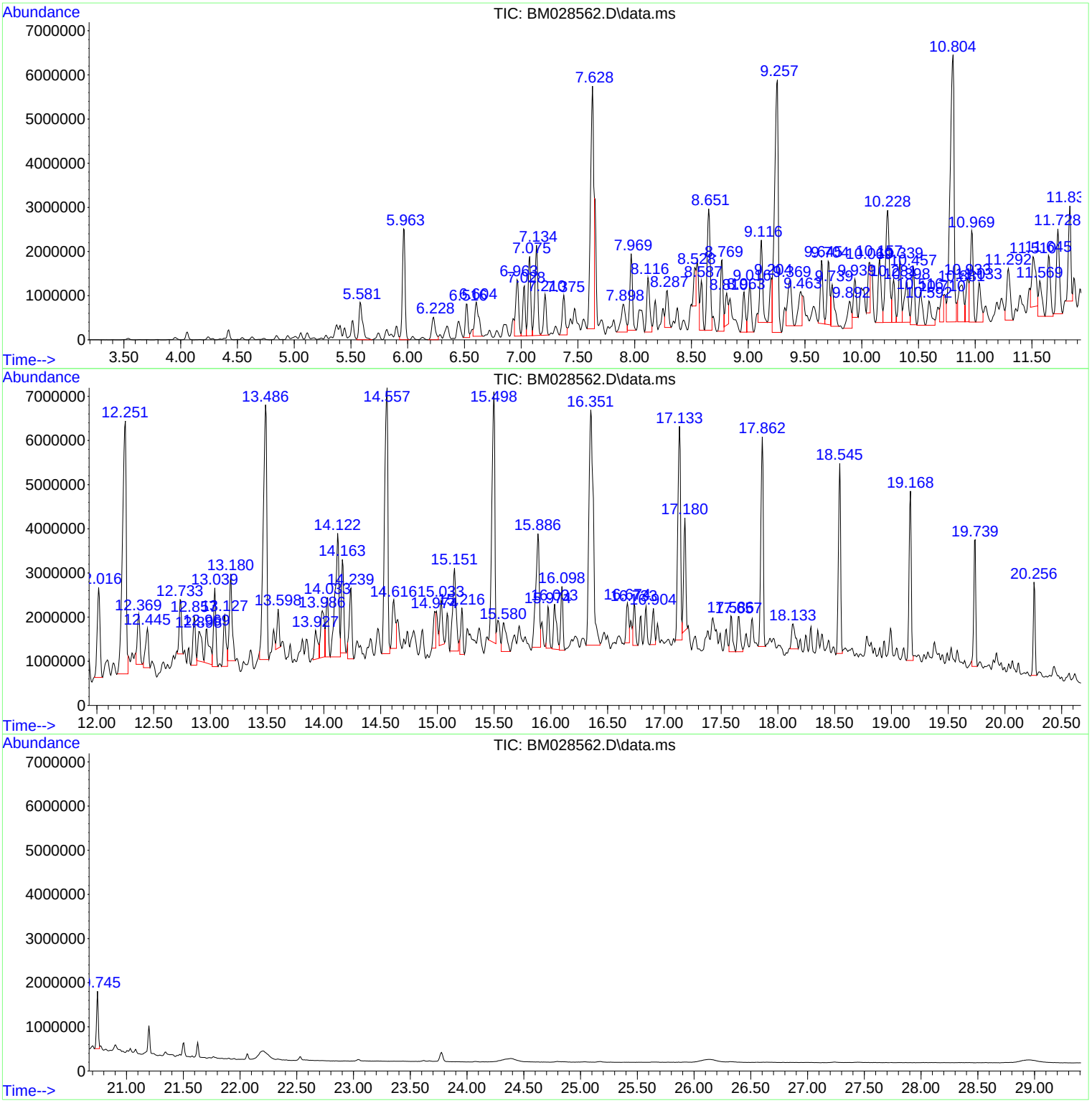
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

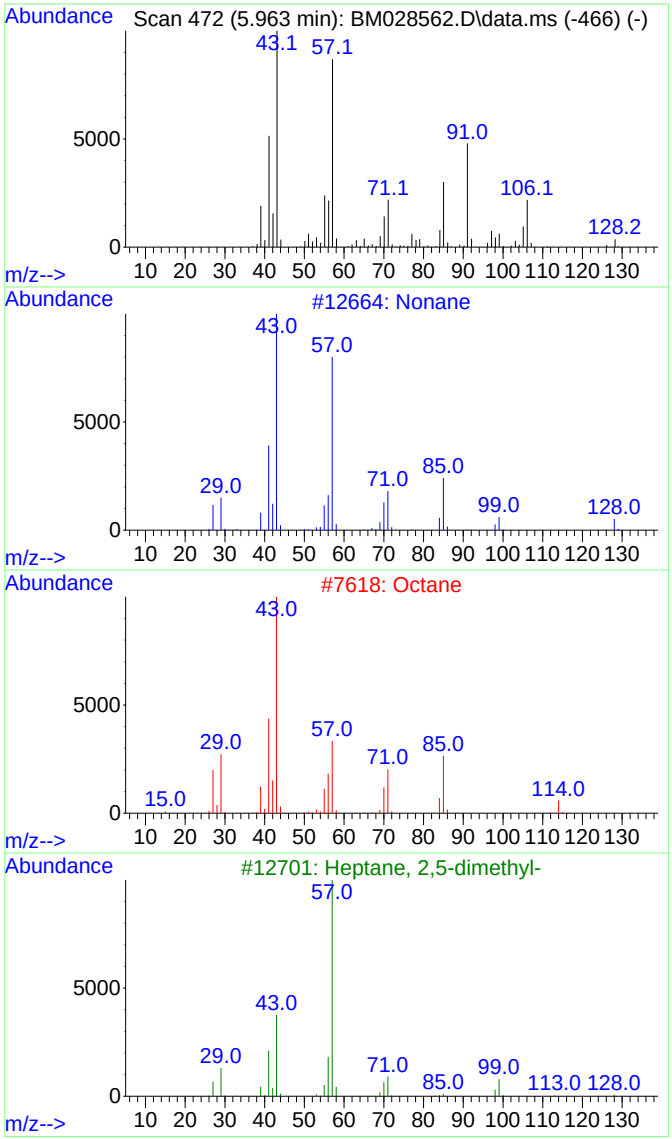
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

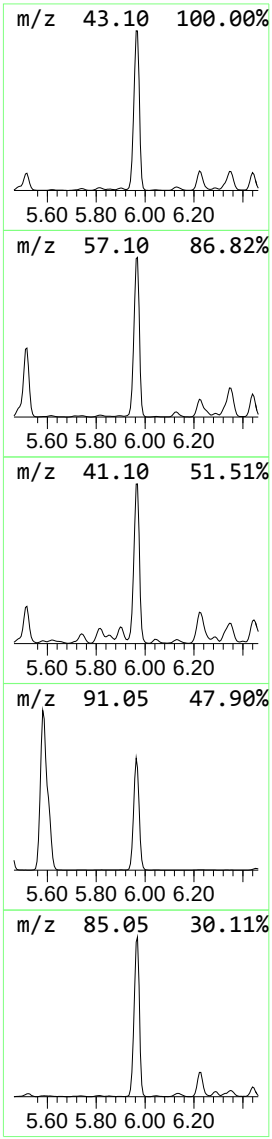
****

Peak Number 1 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	29.49 ng	4095670	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	70
2	Octane	114	C8H18	000111-65-9	38
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	35
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
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Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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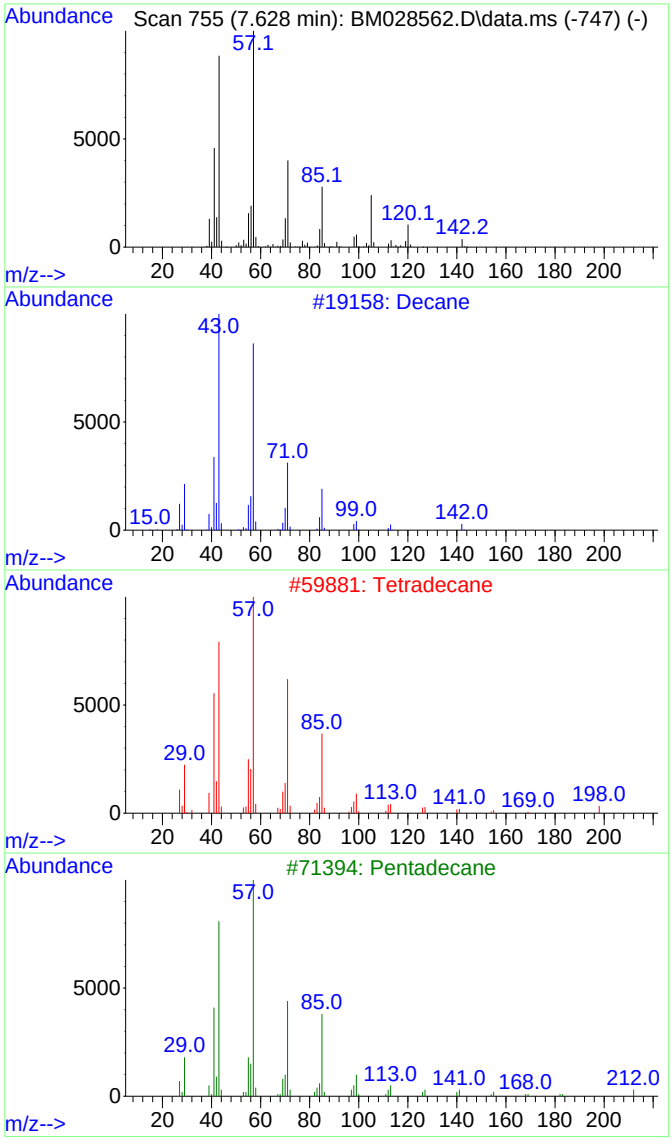
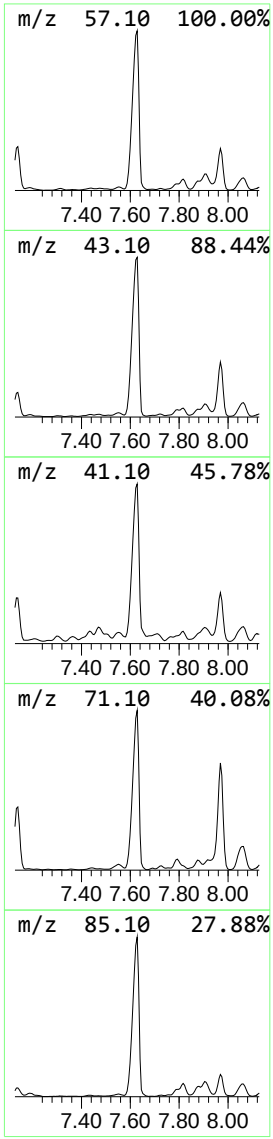
Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.628	81.39 ng	11304300	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	92
2	Tetradecane	198	C14H30	000629-59-4	64
3	Pentadecane	212	C15H32	000629-62-9	59
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5	Undecane	156	C11H24	001120-21-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
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Instrument :
BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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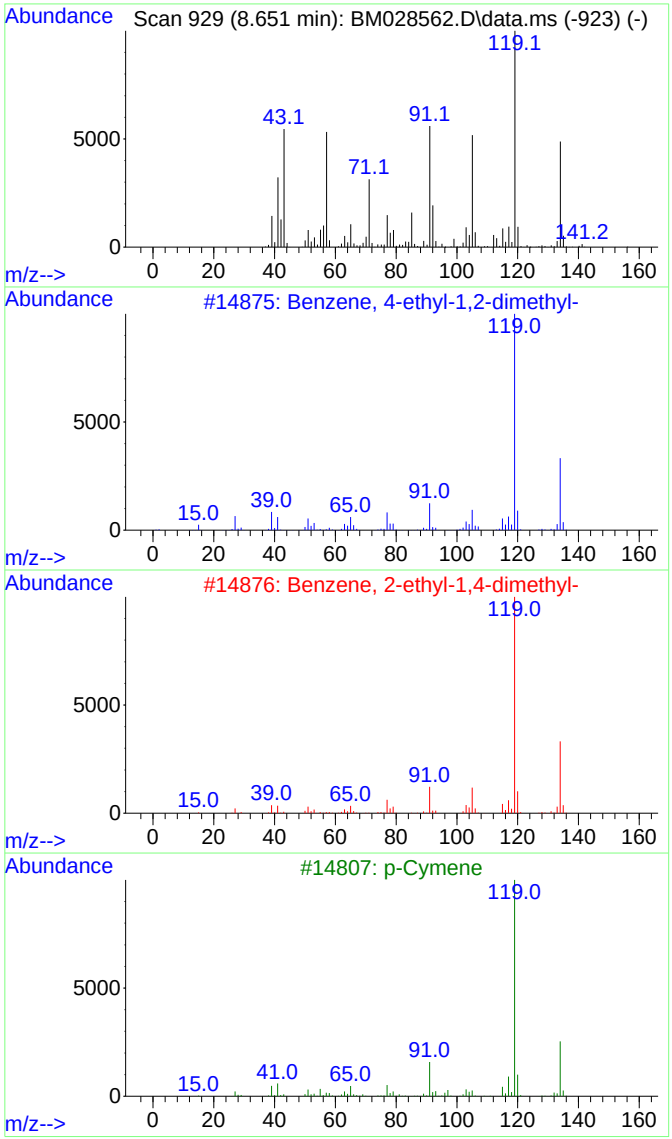
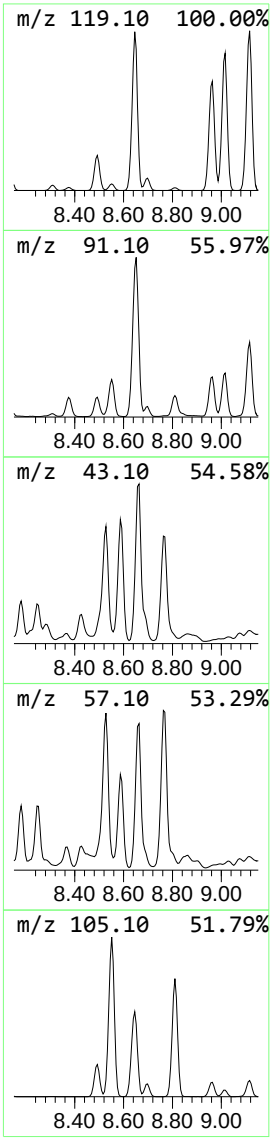
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	38.66 ng	5369270	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	p-Cymene	134	C10H14	000099-87-6	92
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5	o-Cymene	134	C10H14	000527-84-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
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Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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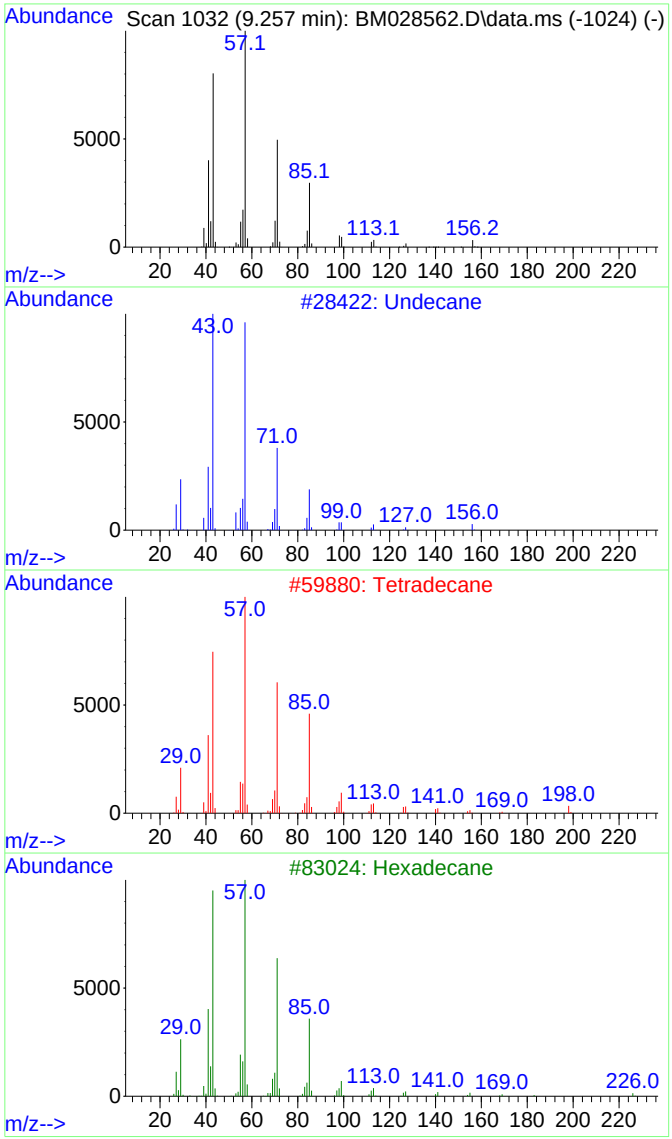
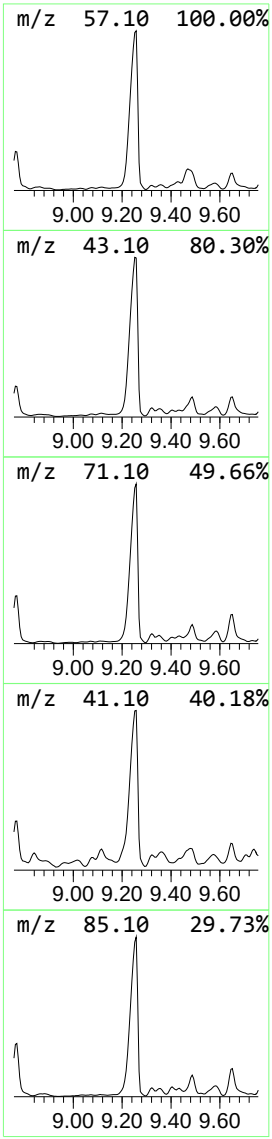
Peak Number 4 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	90.48 ng	12566200	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane	142	C10H22	000124-18-5	90
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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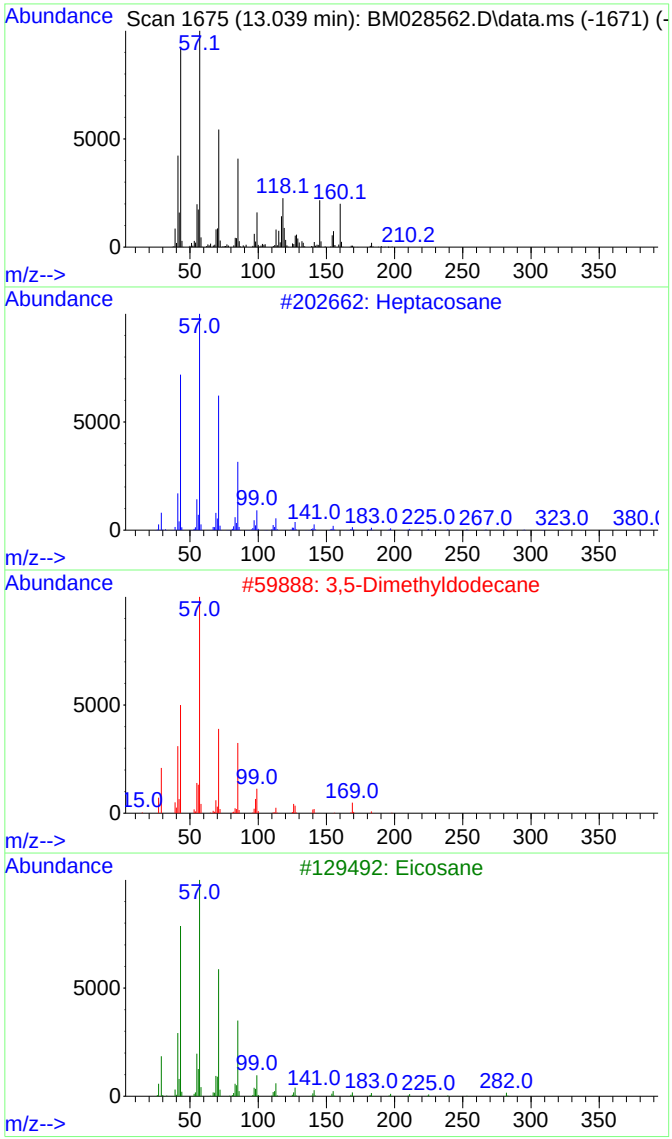
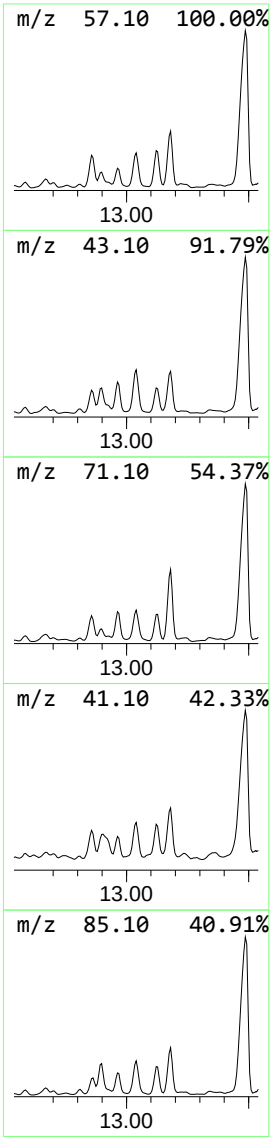
Peak Number 5 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	22.87 ng	2495830	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
3	Eicosane	282	C20H42	000112-95-8	49
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	49
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	49





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Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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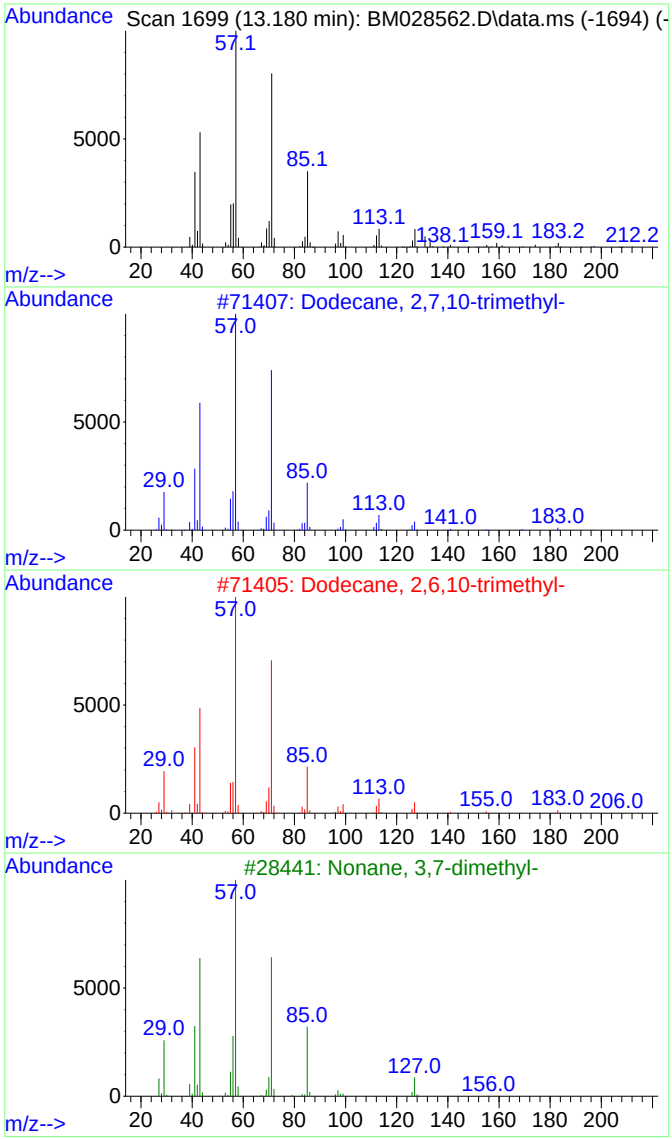
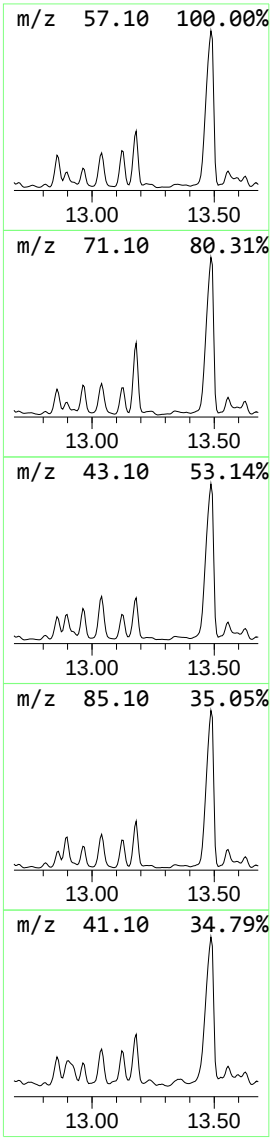
Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	30.41 ng	3318920	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4	Octane, 2-methyl-	128	C9H20	003221-61-2	83
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





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Instrument : BNA_M
ClientSampleId : PS-104

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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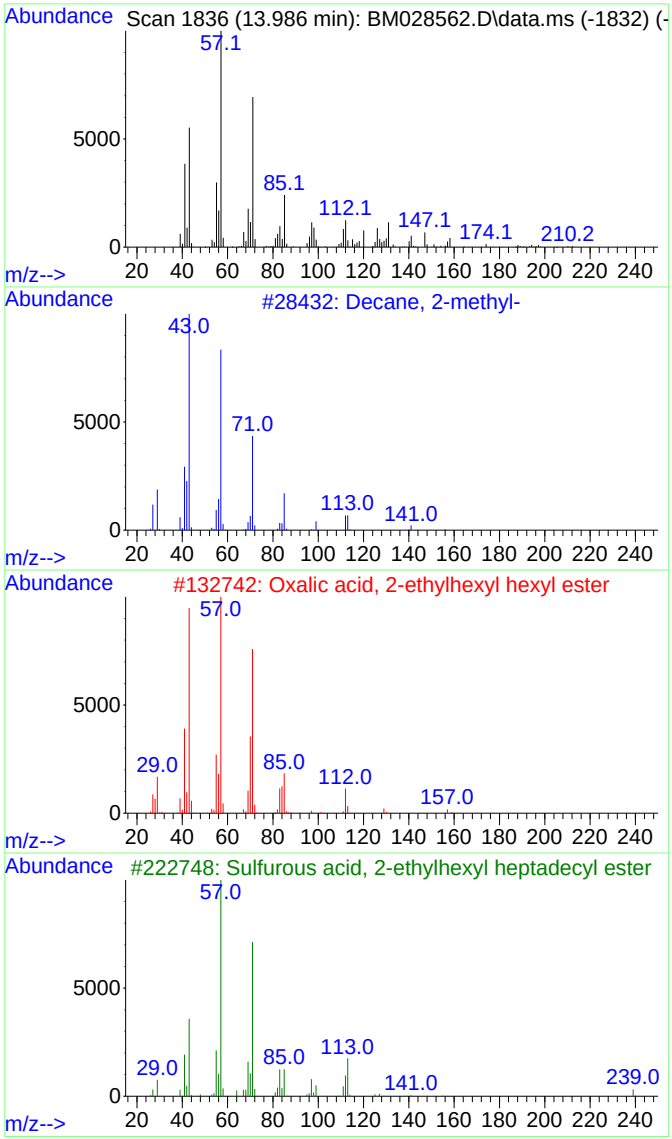
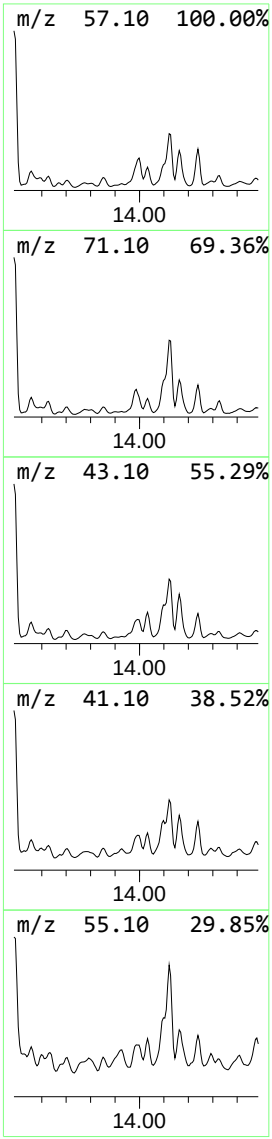
Peak Number 7 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	21.92 ng	2392820	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	68
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	53
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
4	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	53
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	46





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Misc :
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Instrument : BNA_M
ClientSampleId : PS-104

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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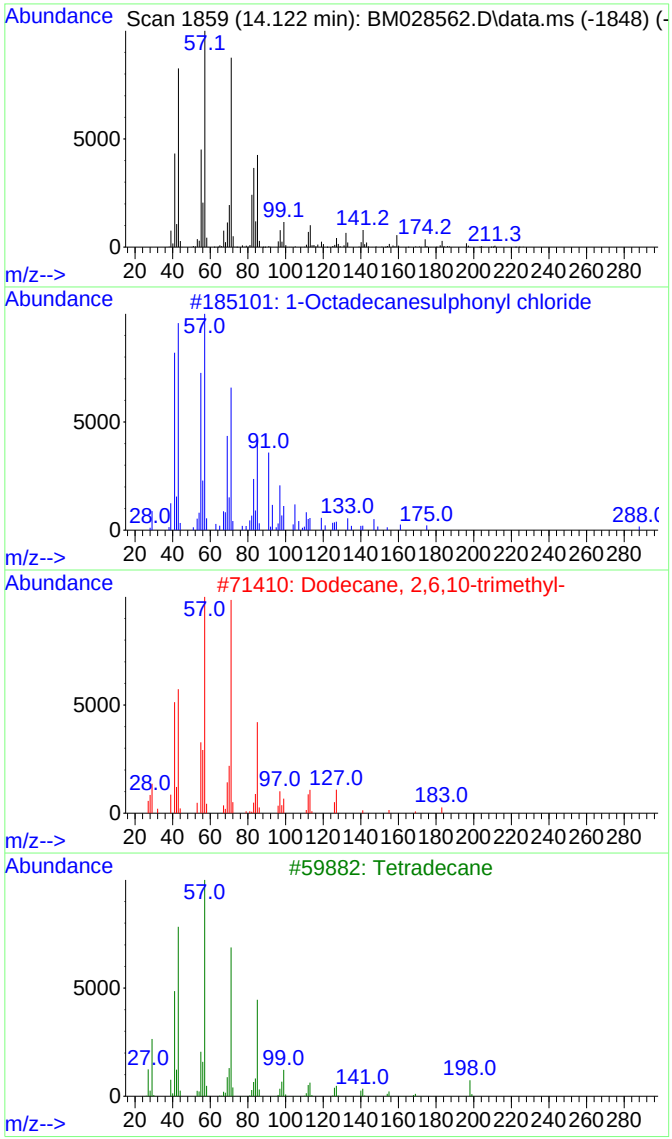
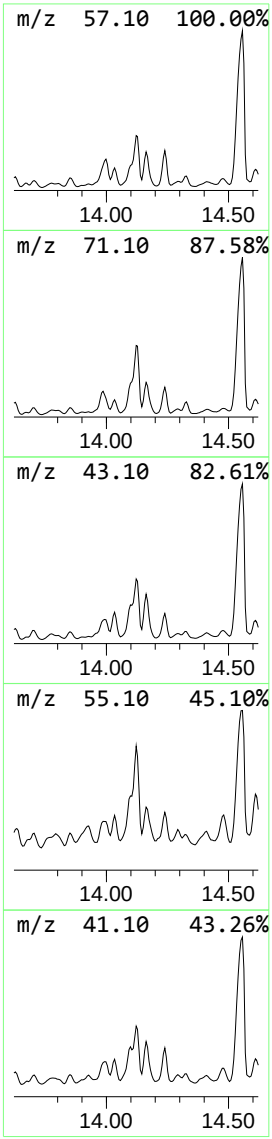
Peak Number 8 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	61.02 ng	6660290	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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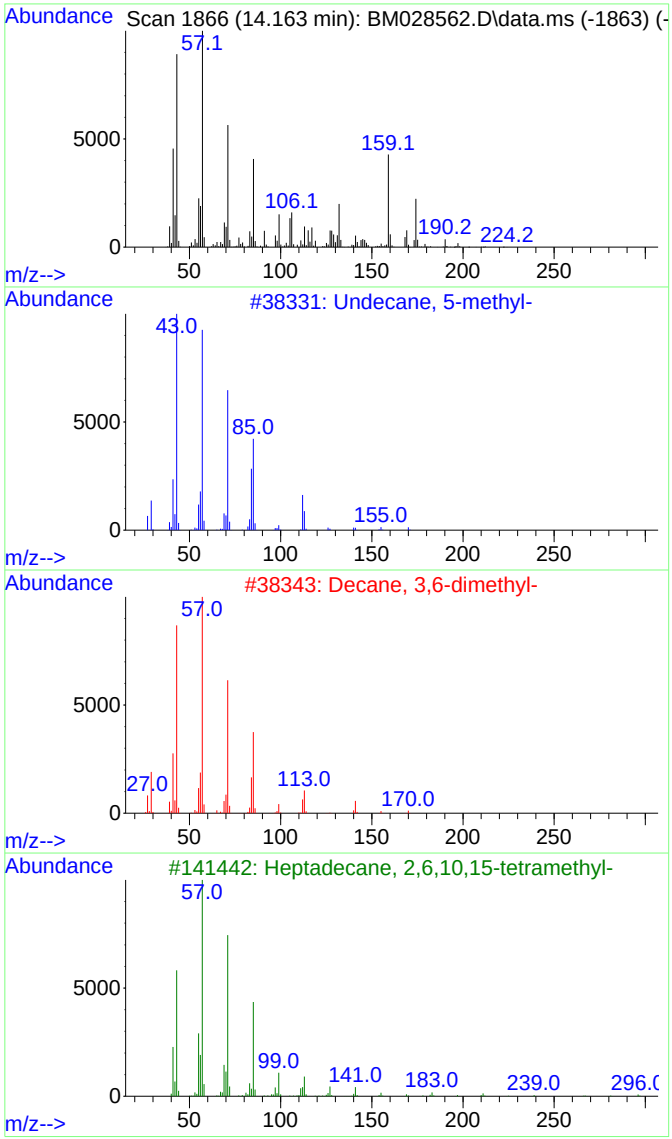
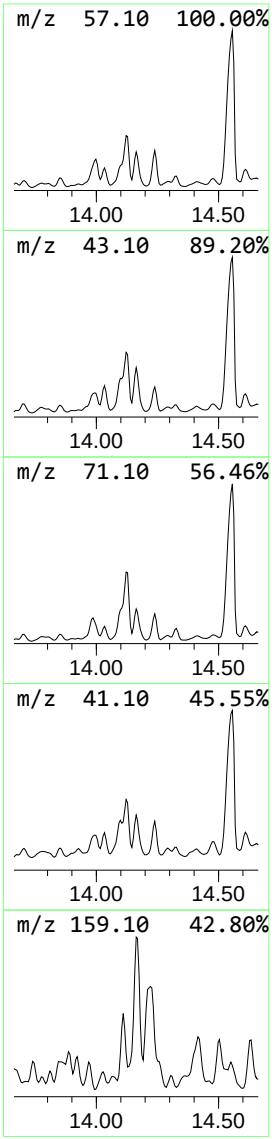
Peak Number 9 Undecane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	27.78 ng	3032360	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	49
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	46





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Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

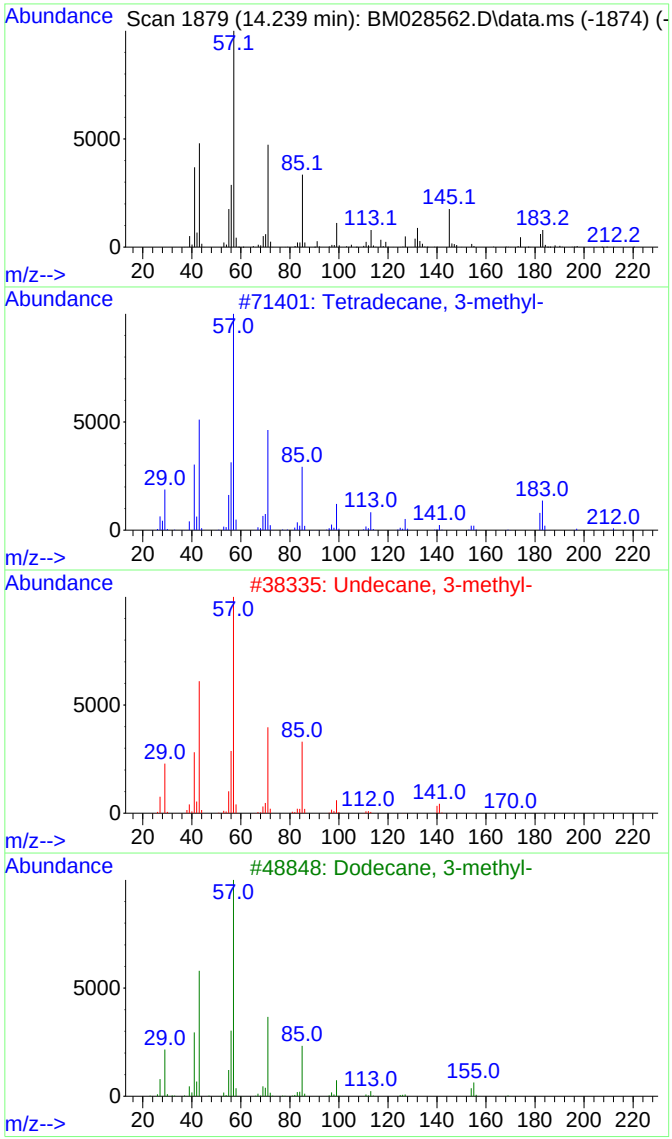
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

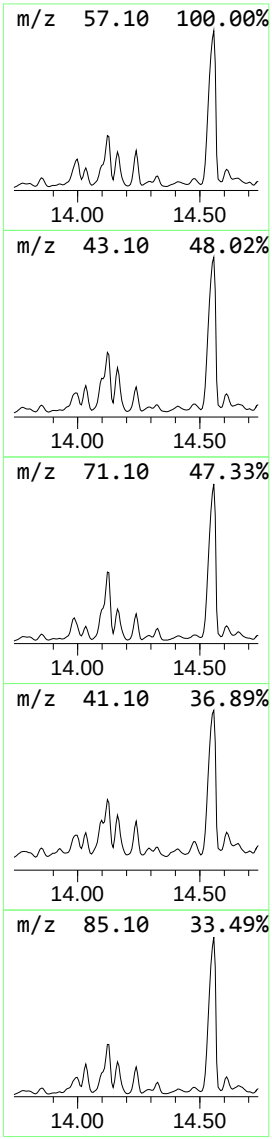
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Tetradecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	23.61 ng	2576620	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	90
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	1-Iodoundecane	282	C11H23I	004282-44-4	53





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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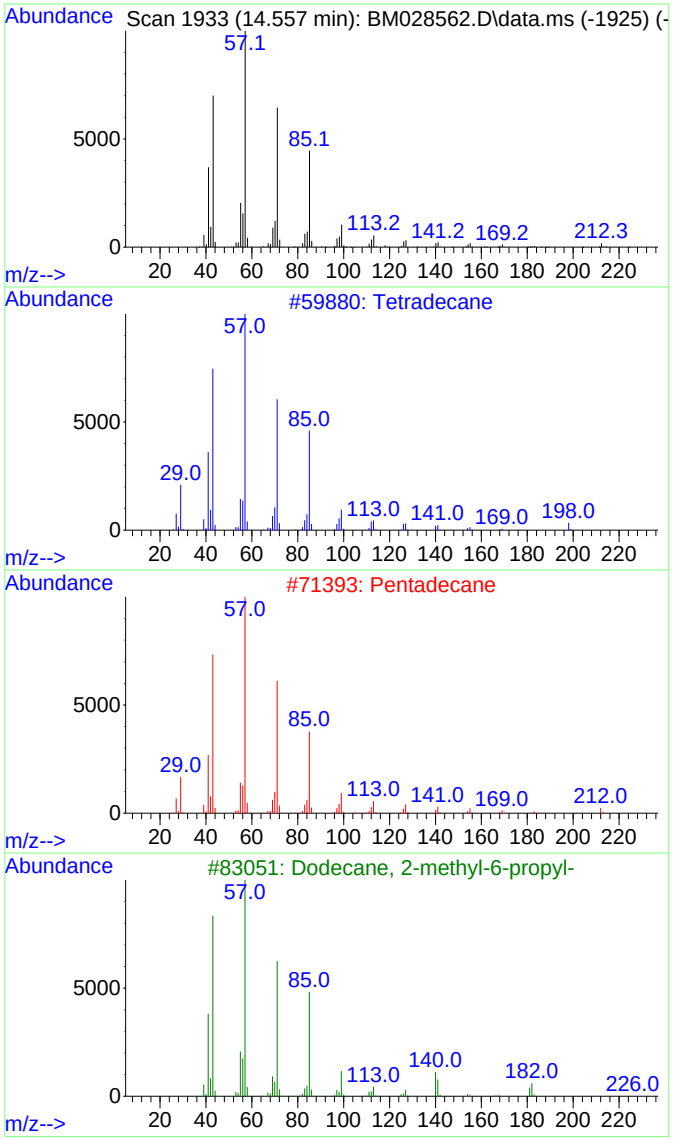
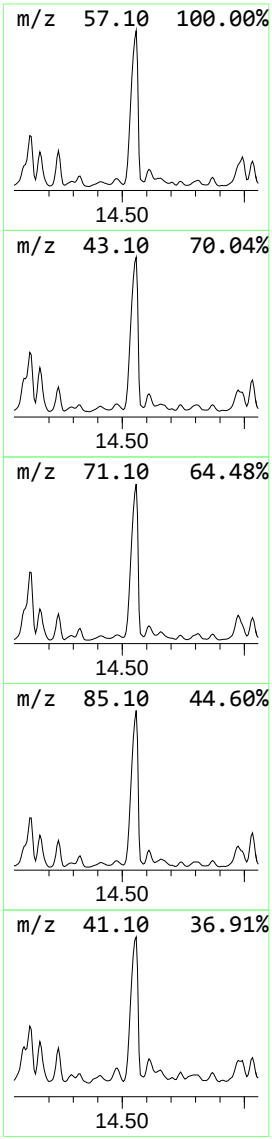
Peak Number 11 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	108.95 ng	11891100	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tridecane	184	C13H28	000629-50-5	72





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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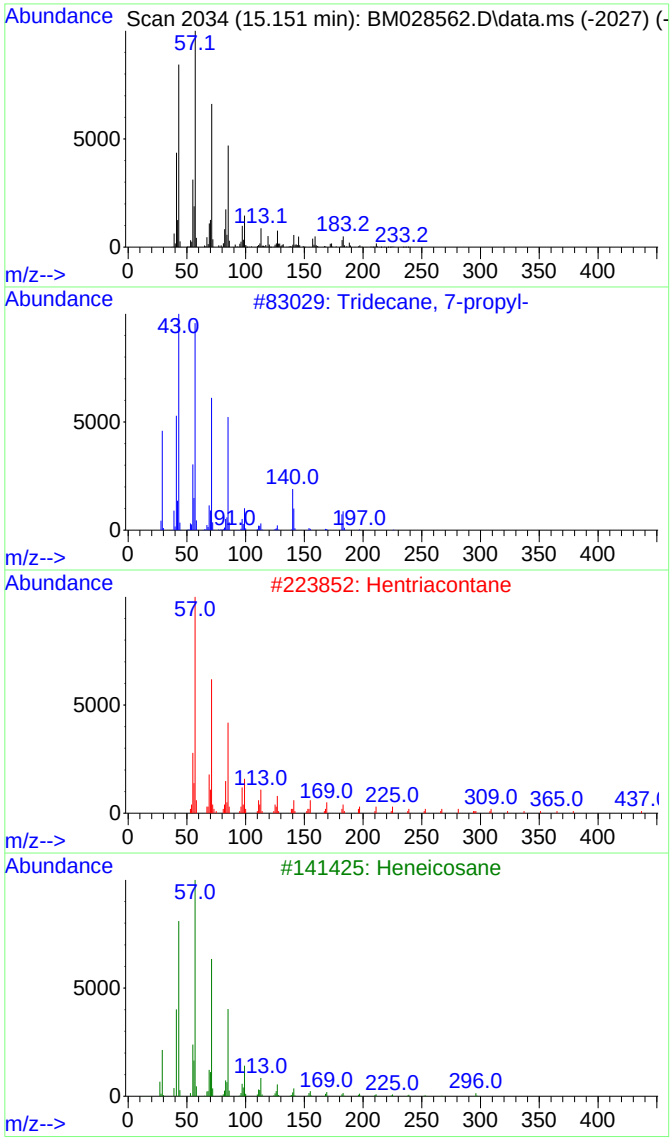
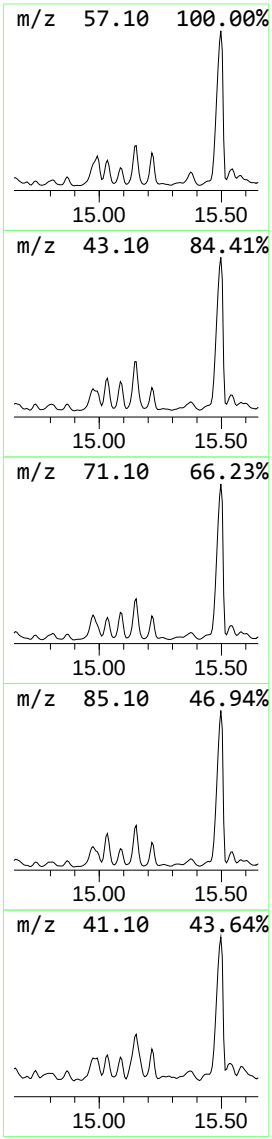
Peak Number 12 Tridecane, 7-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	37.32 ng	4072840	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Pentadecane	212	C15H32	000629-62-9	81





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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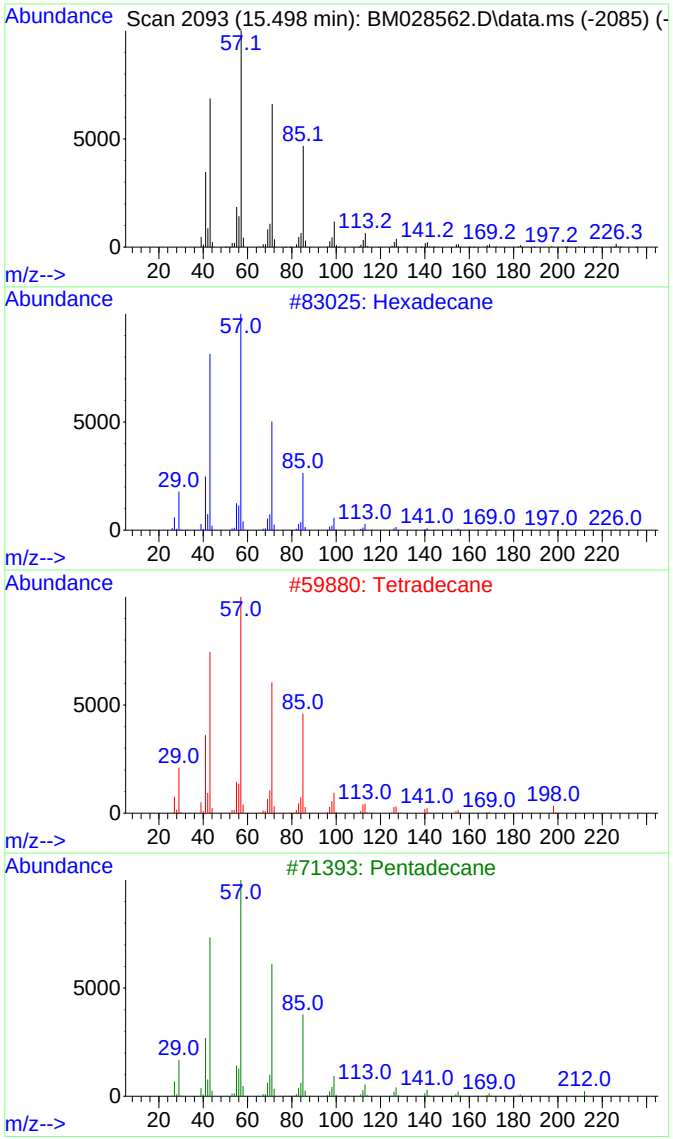
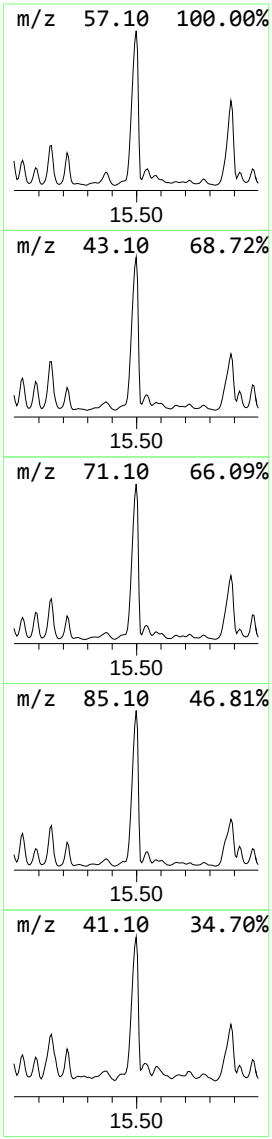
Peak Number 13 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.498	92.47 ng	10092000	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	94
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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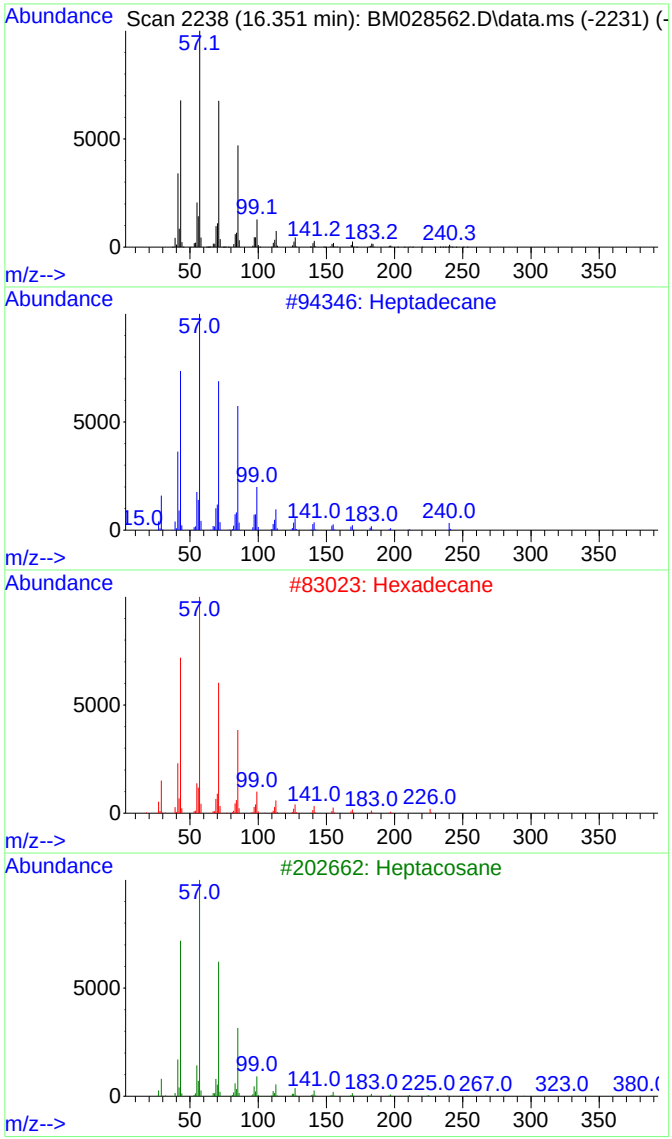
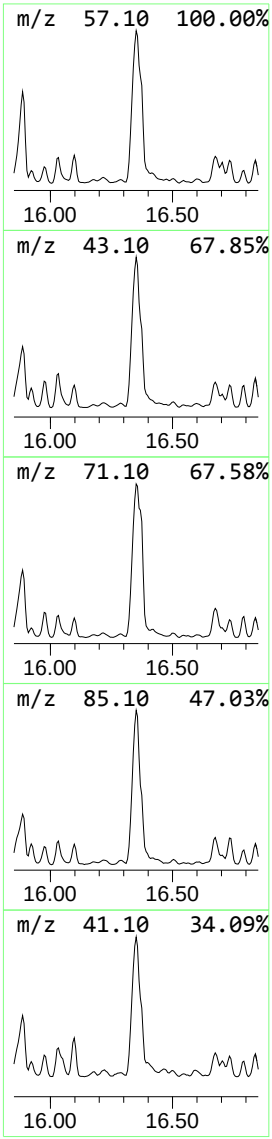
Peak Number 14 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	84.06 ng	14241100	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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ALS Vial : 18 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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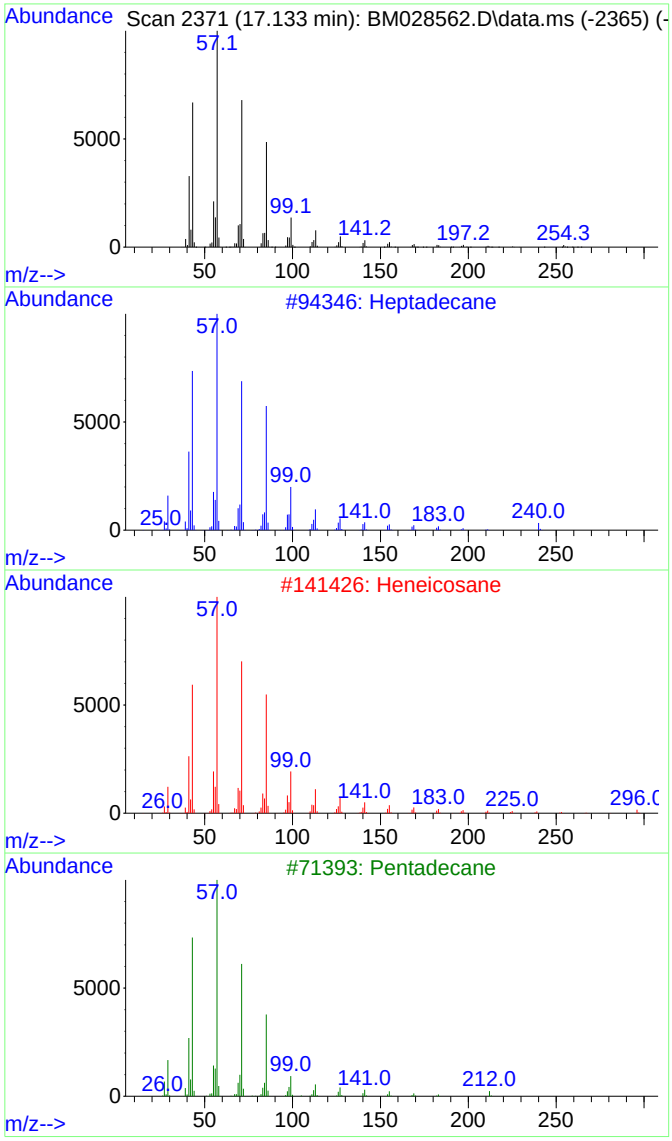
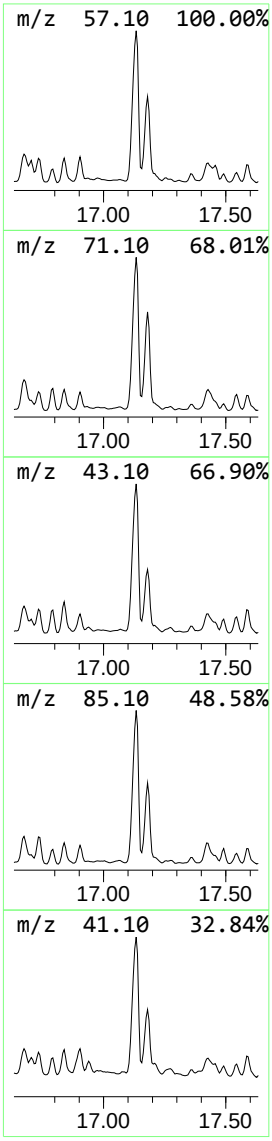
Peak Number 15 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.133	47.66 ng	8074350	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





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ALS Vial : 18 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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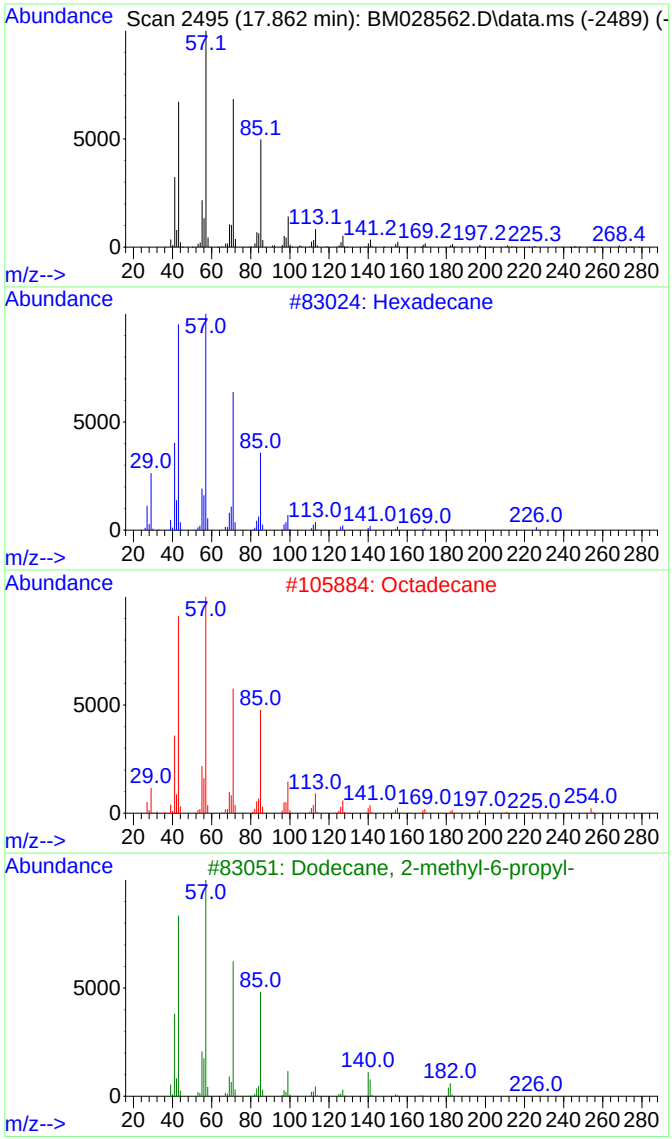
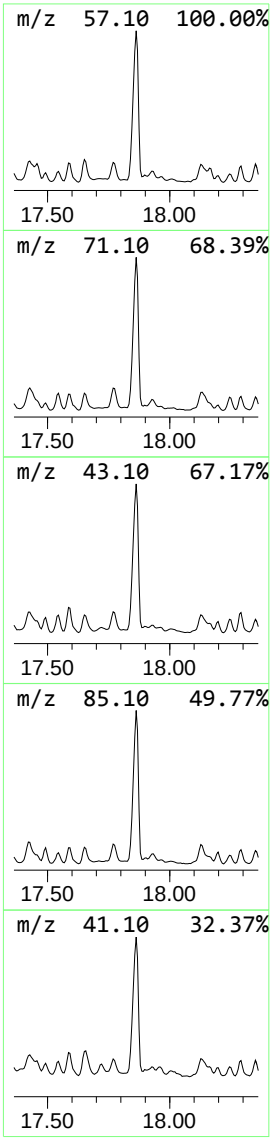
Peak Number 16 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	41.62 ng	7050920	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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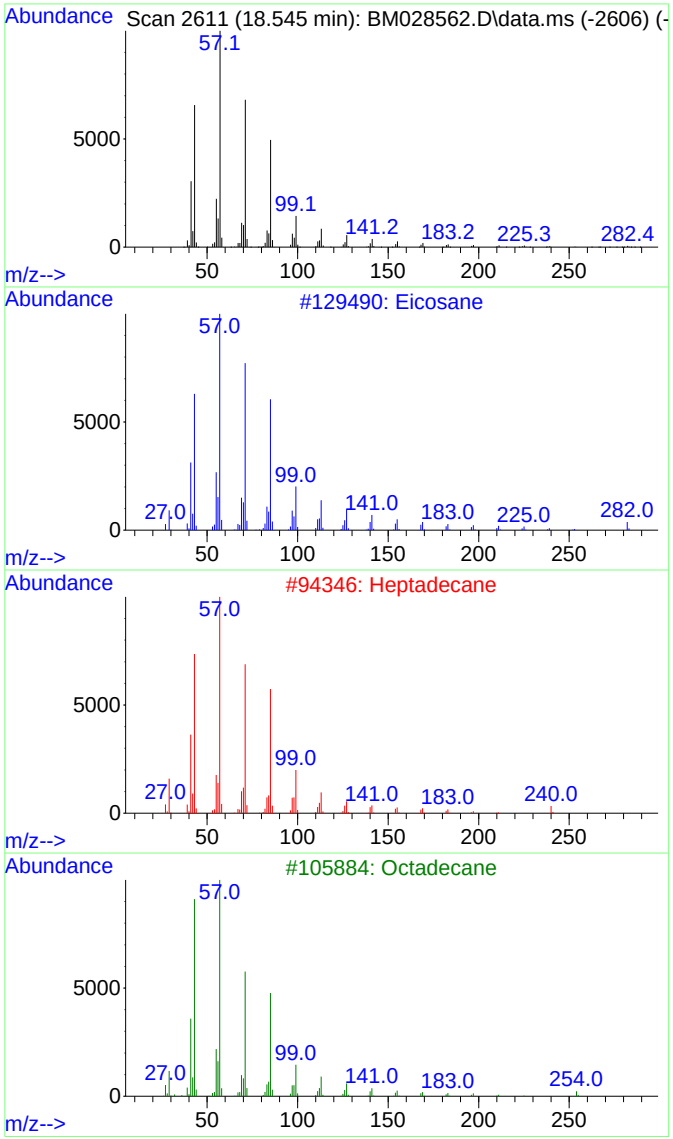
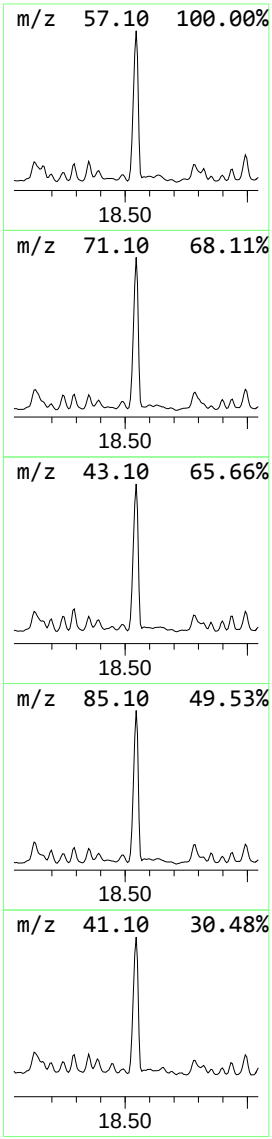
Peak Number 17 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	34.58 ng	5858540	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	96
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

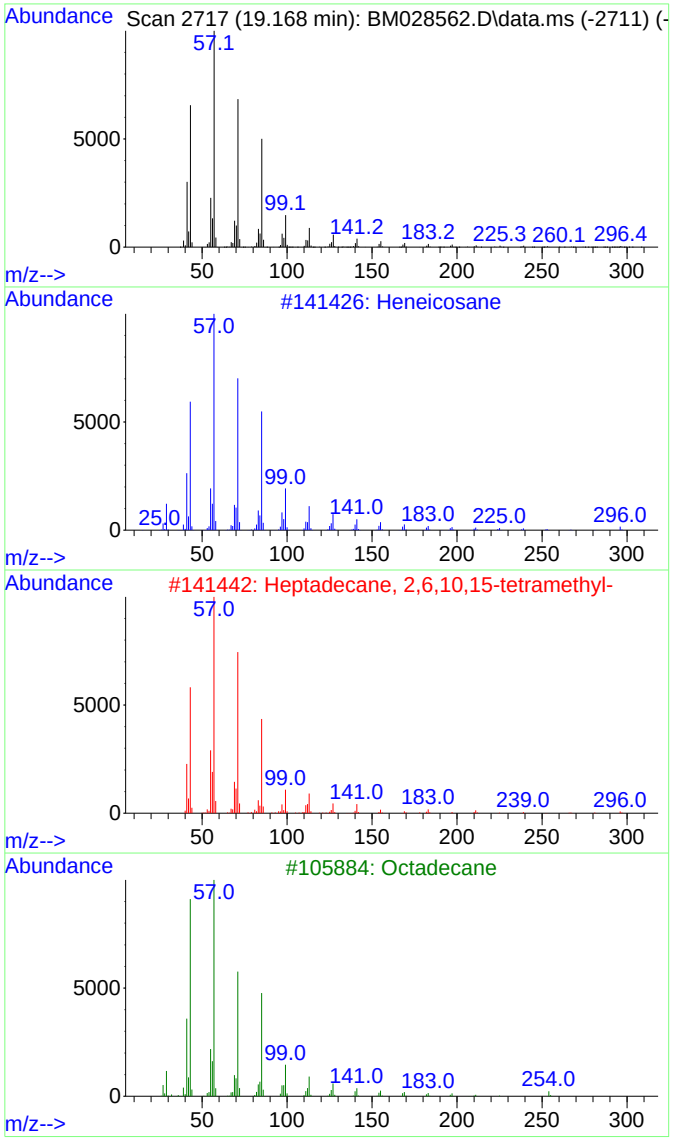
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

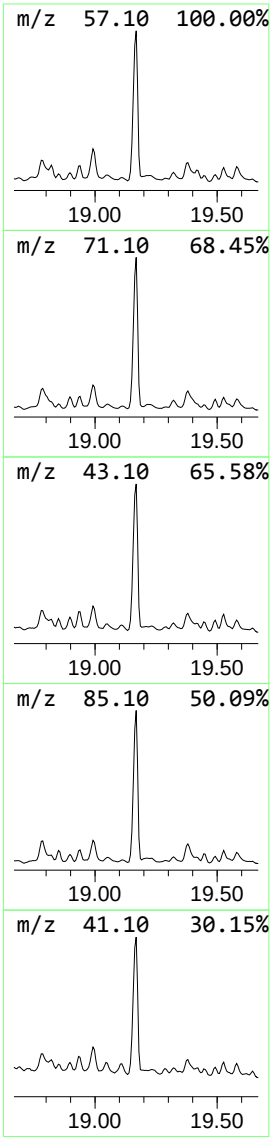
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	29.98 ng	5078450	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

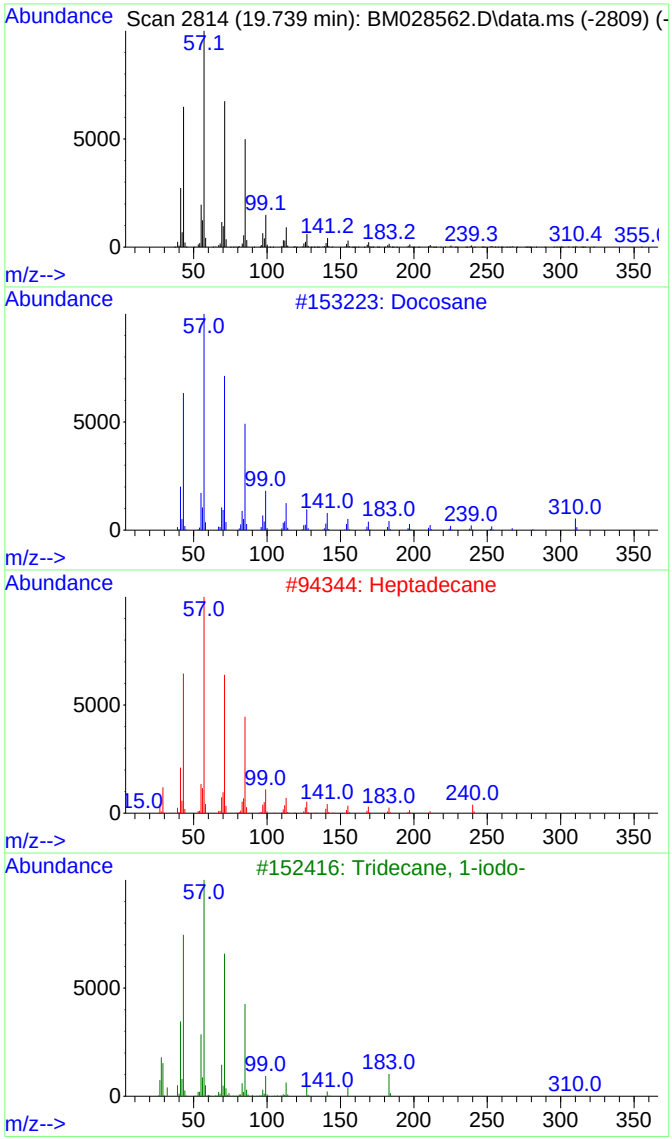
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

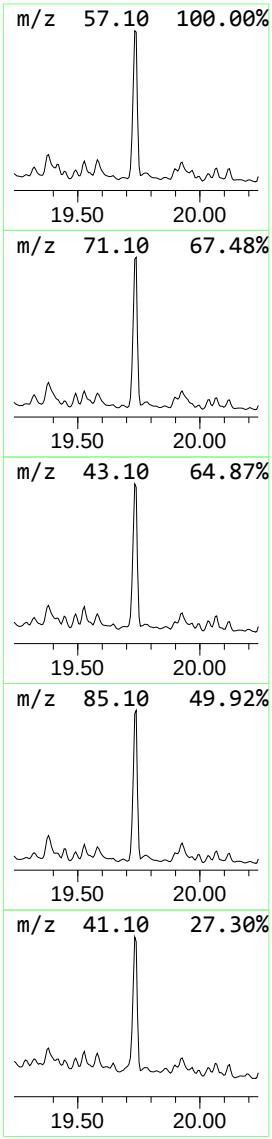
****

Peak Number 19 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.739	51.07 ng	3545730	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heptadecane	240	C17H36	000629-78-7	96
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-104

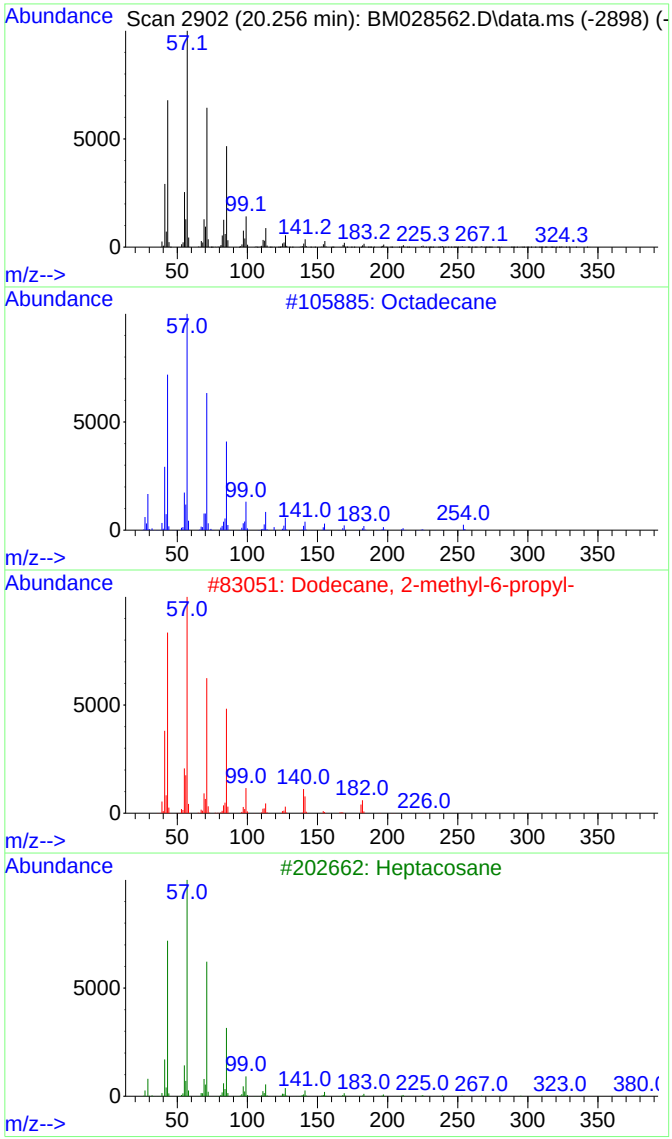
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

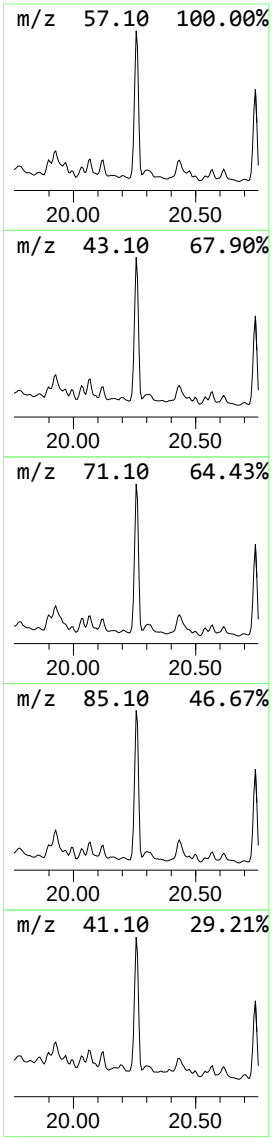
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.256	34.84 ng	2419270	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028562.D
Acq On : 27 Jan 2021 04:01
Operator : CG/JU
Sample : M1216-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-104

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.963	29.5	ng	4095670	1	8.004	2777740	20.0
Decane	7.628	81.4	ng	11304300	1	8.004	2777740	20.0
Benzene, 4-ethy...	8.651	38.7	ng	5369270	1	8.004	2777740	20.0
Undecane	9.257	90.5	ng	12566200	1	8.004	2777740	20.0
Heptacosane	13.039	22.9	ng	2495830	3	14.651	2182860	20.0
Dodecane, 2,7,1...	13.180	30.4	ng	3318920	3	14.651	2182860	20.0
Decane, 2-methyl-	13.986	21.9	ng	2392820	3	14.651	2182860	20.0
1-Octadecanesul...	14.121	61.0	ng	6660290	3	14.651	2182860	20.0
Undecane, 5-met...	14.163	27.8	ng	3032360	3	14.651	2182860	20.0
Tetradecane, 3-...	14.239	23.6	ng	2576620	3	14.651	2182860	20.0
Tetradecane	14.557	109.0	ng	11891100	3	14.651	2182860	20.0
Tridecane, 7-pr...	15.151	37.3	ng	4072840	3	14.651	2182860	20.0
Hexadecane	15.498	92.5	ng	10092000	3	14.651	2182860	20.0
Heptadecane	16.351	84.1	ng	14241100	4	17.380	3388460	20.0
Heneicosane	17.133	47.7	ng	8074350	4	17.380	3388460	20.0
Octadecane	17.863	41.6	ng	7050920	4	17.380	3388460	20.0
Eicosane	18.545	34.6	ng	5858540	4	17.380	3388460	20.0
Heptadecane, 2,...	19.168	30.0	ng	5078450	4	17.380	3388460	20.0
Docosane	19.739	51.1	ng	3545730	5	21.503	1388590	20.0
Dodecane, 2-met...	20.256	34.8	ng	2419270	5	21.503	1388590	20.0