LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

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-BP091621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007042.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	423	rBV	5217220	7671004	33.39%	3.040%
2	7.075	669	678	685	rBV	4808012	7967372	34.68%	3.157%
3	7.534	751	756	764	rBV	329268	493521	2.15%	0.196%
4	7.905	811	819	825	rBV	1416409	2533412	11.03%	1.004%
5	8.458	900	913	918	rBV4	255708	818780	3.56%	0.324%
6	8.546	924	928	931	rBV	252779	413257	1.80%	0.164%
7	8.681	945	951	954	rBV	316708	528418	2.30%	0.209%
8	9.016	998	1008	1011	rBV3	569031	1254528	5.46%	0.497%
9	9.069	1011	1017	1022	rVV	2833073	4889931	21.29%	1.938%
10	9.140	1022	1029	1034	rVB	1921778	3034689	13.21%	1.203%
11	9.234	1039	1045	1046	rBV3	281853	447360	1.95%	0.177%
12	9.269	1046	1051	1056	rVB4	516710	1065922	4.64%	0.422%
13	9.346	1056	1064	1067	rBV	300005	636268	2.77%	0.252%
14	9.558	1093	1100	1103	rBV2	402989	732586	3.19%	0.290%
15	9.599	1103	1107	1110	rBV	259458	411548	1.79%	0.163%
16	9.799	1131	1141	1144	rBV4	337002	739322	3.22%	0.293%
17	9.840	1144	1148	1153	rVV2	468611	737522	3.21%	0.292%
18	9.893	1153	1157	1165	rVB3	519628	1307165	5.69%	0.518%
19	9.993	1165	1174	1178	rVB2	556245	1337111	5.82%	0.530%
20	10.063	1181	1186	1189	rBV3	705896	1097900	4.78%	0.435%
21	10.110	1189	1194	1197	rBV2	652319	1128284	4.91%	0.447%
22	10.140	1197	1199	1202	rVB	364756	391142	1.70%	0.155%
23	10.246	1212	1217	1222	rBV2	637538	1305008	5.68%	0.517%
24	10.293	1222	1225	1230	rVV4	592139	1114105	4.85%	0.441%
25	10.340	1230	1233	1239	rVB	444832	685296	2.98%	0.272%
26	10.410	1240	1245	1248	rBV	478480	777098	3.38%	0.308%
27	10.446	1248	1251	1254	rVV2	307120	446344	1.94%	0.177%
28	10.487	1254	1258	1264	rVB3	671987	1126681	4.90%	0.446%
29	10.575	1269	1273	1276	rBV3	392572	666458	2.90%	0.264%
30	10.610	1276	1279	1284	rVB4	267868	443982	1.93%	0.176%
31	10.693	1286	1293	1300	rBV2	5365090	10459705	45.53%	4.145%
32	10.828	1312	1316	1320	rVV4	499057	804557	3.50%	0.319%
33	10.875	1320	1324	1329	rVB	1848686	2686026	11.69%	1.064%
34	10.934	1329	1334	1341	rBV3	609698	1188235	5.17%	0.471%
35	11.004	1342	1346	1351	rVB5	386919	705833	3.07%	0.280%
36	11.087	1356	1360	1362	rBV2	233466	384102	1.67%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
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Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

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-BP091621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.175	1371	1375	1377	rVV	535923	720280	3.14%	0.285%
38	11.204	1377	1380	1386	rVB2	814633	1209411	5.26%	0.479%
39	11.287	1389	1394	1398	rBV2	515598	838651	3.65%	0.332%
40	11.328	1398	1401	1405	rVB3	304894	413676	1.80%	0.164%
41	11.416	1405	1416	1420	rBV10	1051558	3249868	14.15%	1.288%
42	11.481	1423	1427	1433	rVB2	693810	1315785	5.73%	0.521%
43	11.552	1434	1439	1445	rBV3	1059430	1907091	8.30%	0.756%
44	11.628	1446	1452	1460	rVB4	1258015	2767303	12.05%	1.097%
45	11.740	1465	1471	1480	rBV3	2723836	5957047	25.93%	2.361%
46	11.816	1481	1484	1490	rVB4	574997	993713	4.33%	0.394%
47	11.899	1494	1498	1506	rVB3	1602955	2662221	11.59%	1.055%
48	11.999	1506	1515	1519	rBV3	809566	1897397	8.26%	0.752%
49	12.134	1533	1538	1548	rBV	6089574	9788605	42.61%	3.879%
50	12.257	1555	1559	1565	rVB2	1155204	1987721	8.65%	0.788%
51	12.351	1569	1575	1580	rVB3	1080955	2577756	11.22%	1.021%
52	12.499	1597	1600	1603	rBV2	292678	424872	1.85%	0.168%
53	12.575	1609	1613	1616	rBV4	402219	673183	2.93%	0.267%
54	12.616	1616	1620	1625	rVV3	2000165	3122580	13.59%	1.237%
55	12.699	1631	1634	1637	rVB	508730	580409	2.53%	0.230%
56	12.763	1641	1645	1649	rVV2	1052001	1514152	6.59%	0.600%
57	12.804	1649	1652	1660	rVV4	772445	1656488	7.21%	0.656%
58	12.869	1660	1663	1670	rVV7	1051748	1950536	8.49%	0.773%
59	12.940	1670	1675	1680	rVB2	995153	1867301	8.13%	0.740%
60	13.028	1686	1690	1695	rBV3	1367250	2295168	9.99%	0.909%
61	13.087	1695	1700	1705	rVV3	3434306	5259768	22.90%	2.084%
62	13.163	1707	1713	1718	rVB	7165848	10606732	46.17%	4.203%
63	13.369	1741	1748	1755	rBV	6511640	10265185	44.69%	4.068%
64	13.481	1761	1767	1772	rVV2	1233407	2743893	11.94%	1.087%
65	13.534	1773	1776	1780	rVB2	902455	1163239	5.06%	0.461%
66	13.904	1835	1839	1842	rVB4	706145	985843	4.29%	0.391%
67	13.998	1851	1855	1856	rBV	1064671	1111087	4.84%	0.440%
68	14.022	1856	1859	1863	rVV	2004836	2949476	12.84%	1.169%
69	14.063	1863	1866	1872	rVB2	1168822	1535381	6.68%	0.608%
70	14.234	1892	1895	1902	rBV4	337595	487436	2.12%	0.193%
71	14.381	1916	1920	1924	rVB4	506121	820846	3.57%	0.325%
72	14.440	1924	1930	1935	rBV	5301250	7159243	31.17%	2.837%
73	14.534	1938	1946	1953	rVB	2840432	5362083	23.34%	2.125%
74	14.940	2011	2015	2020	rVB3	670600	1017864	4.43%	0.403%
75	14.993	2021	2024	2029	rVV2	336810	503421	2.19%	0.199%
76	15.057	2031	2035	2043	rVB4	888935	1527840	6.65%	0.605%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.387	2086	2091	2095	rVB	3197018	3952698	17.21%	1.566%
78	15.792	2155	2160	2165	rVB	807402	1249784	5.44%	0.495%
79	15.945	2182	2186	2192	rBV2	268000	520291	2.26%	0.206%
80	16.016	2192	2198	2206	rVB	5468357	8215284	35.76%	3.255%
81	16.251	2233	2238	2241	rBV	1694525	2444105	10.64%	0.969%
82	16.687	2308	2312	2322	rVB	1394464	1945572	8.47%	0.771%
83	17.045	2369	2373	2377	rVV	694475	869294	3.78%	0.344%
84	17.098	2378	2382	2392	rVB	397250	704295	3.07%	0.279%
85	17.281	2407	2413	2417	rBV	3118311	4591231	19.99%	1.819%
86	17.781	2494	2498	2502	rBV	396619	498882	2.17%	0.198%
87	18.110	2550	2554	2558	rBV2	207428	363022	1.58%	0.144%
88	18.192	2560	2568	2585	rVV	12498335	22971190	100.00%	9.103%
89	18.451	2609	2612	2619	rVB	329711	392515	1.71%	0.156%
90	19.063	2712	2716	2717	rBV2	322325	399032	1.74%	0.158%
91	19.081	2717	2719	2723	rVB	537576	538211	2.34%	0.213%
92	19.286	2750	2754	2756	rBV	941946	1302334	5.67%	0.516%
93	19.404	2769	2774	2784	rBV	2657916	3691005	16.07%	1.463%
94	19.633	2808	2813	2822	rVB2	863230	1650246	7.18%	0.654%
95	19.833	2842	2847	2852	rVB	12327724	14933605	65.01%	5.918%
96	20.622	2978	2981	2984	rVB	395356	406539	1.77%	0.161%
97	21.069	3054	3057	3065	rVB3	998950	1277745	5.56%	0.506%
98	21.357	3101	3106	3110	rBV	3866702	5513198	24.00%	2.185%
99	21.516	3130	3133	3136	rVB2	492890	520017	2.26%	0.206%
100	23.774	3512	3517	3525	rVB2	2492299	5106559	22.23%	2.024%

Sum of corrected areas: 252357677

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
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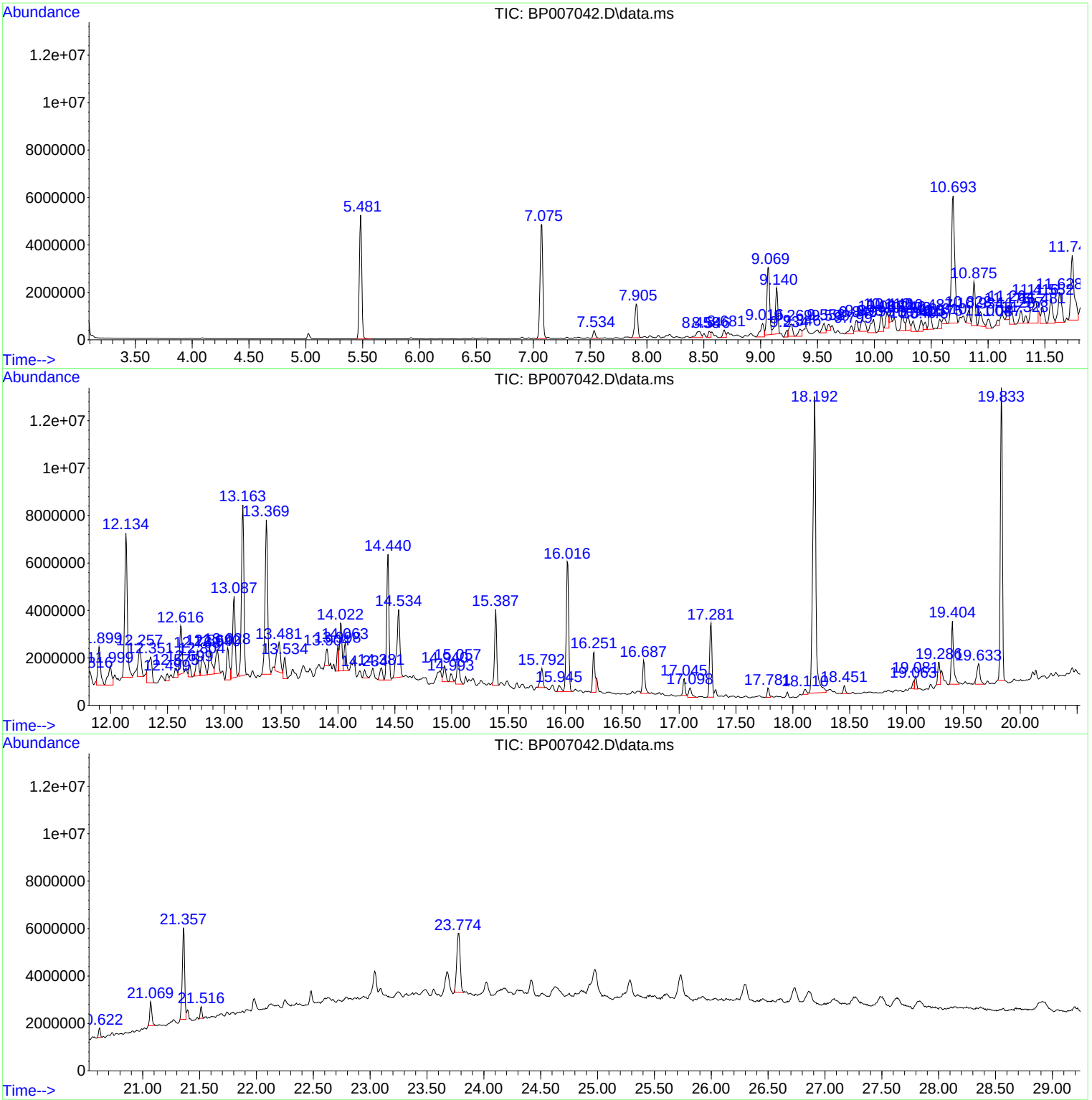
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

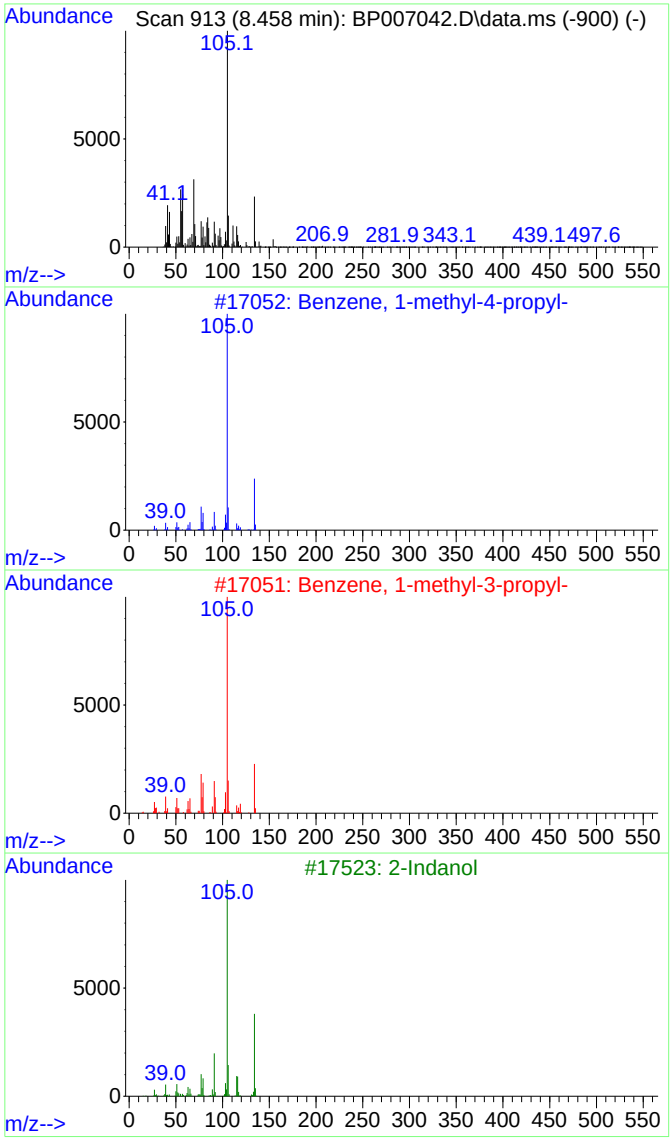
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

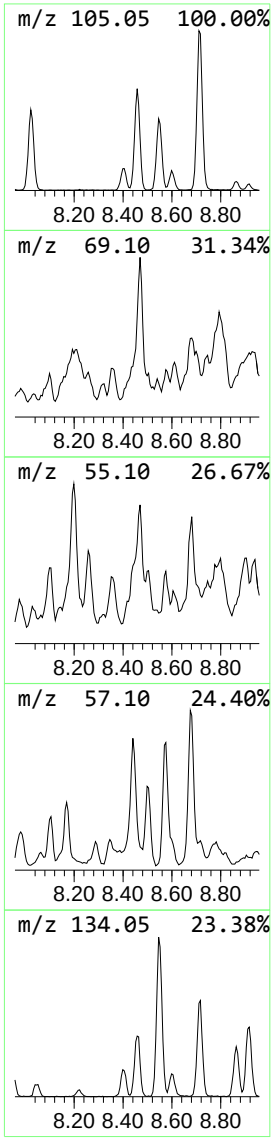
****

Peak Number 1 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.458	6.46 ng	818780	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3	2-Indanol	134	C9H10O	004254-29-9	60
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

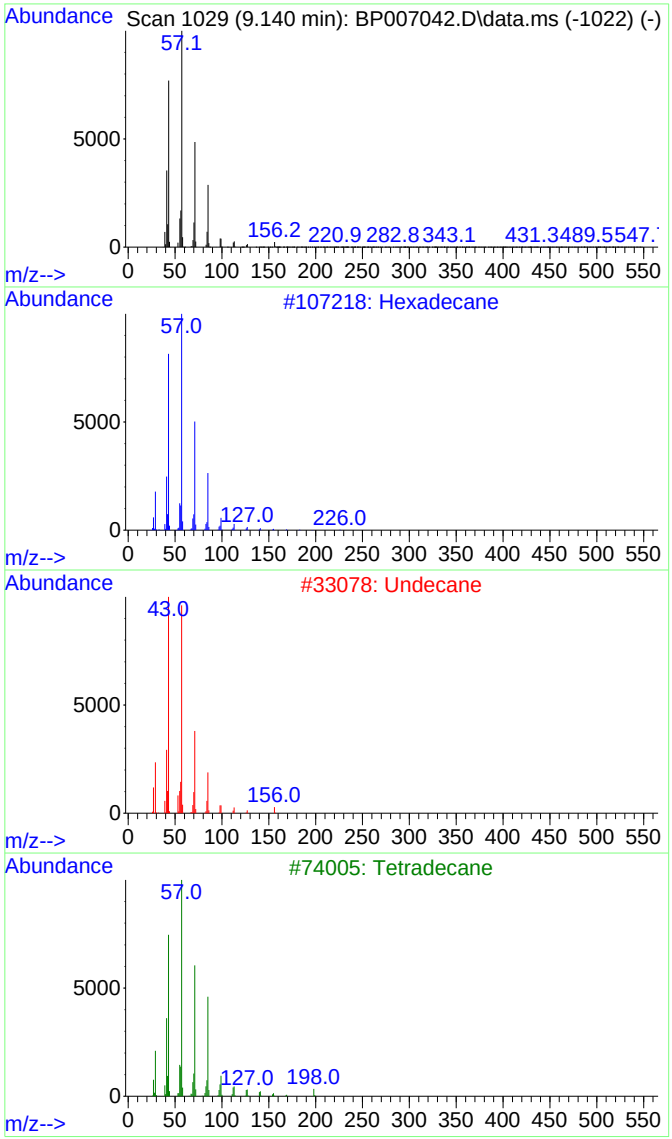
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

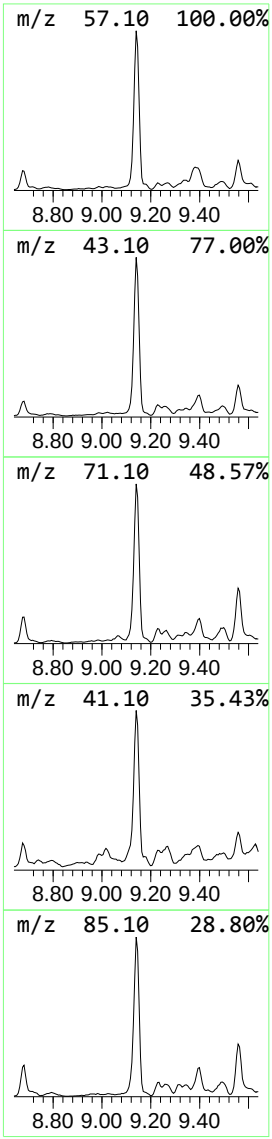
****

Peak Number 2 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.140	23.96 ng	3034690	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Undecane	156	C11H24	001120-21-4	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

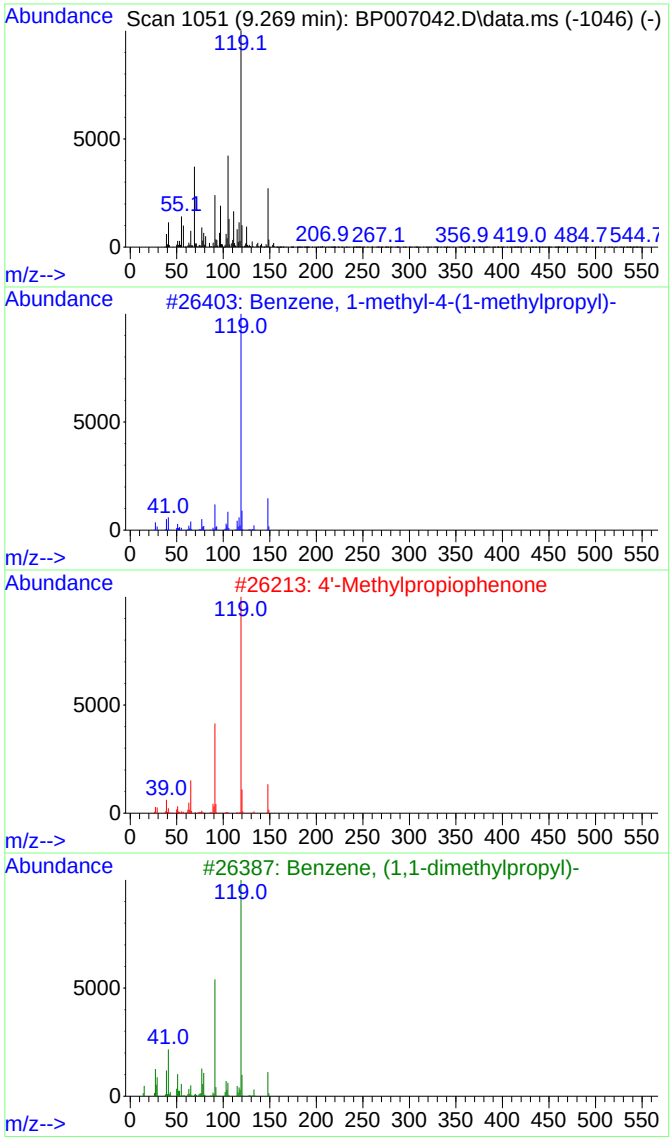
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

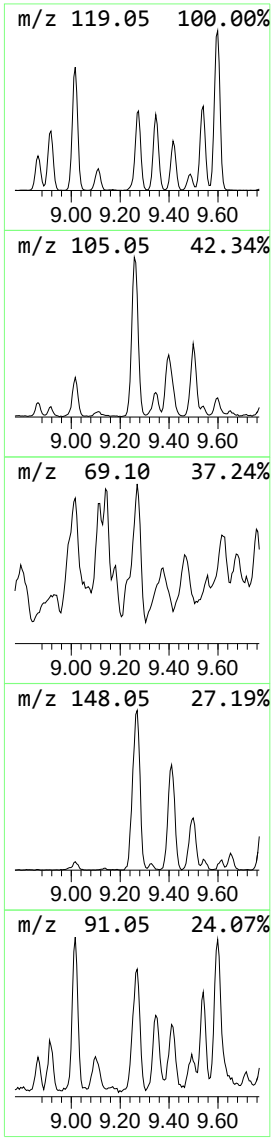
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	8.41 ng	1065920	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	53
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
4	o-Cymene	134	C10H14	000527-84-4	46
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

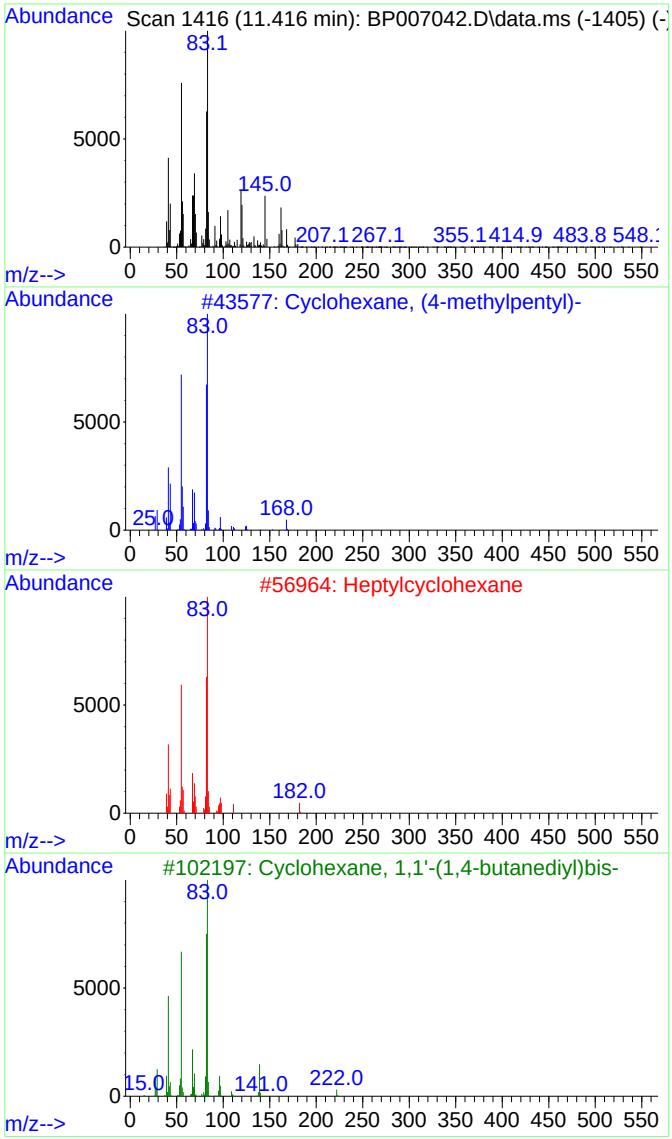
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

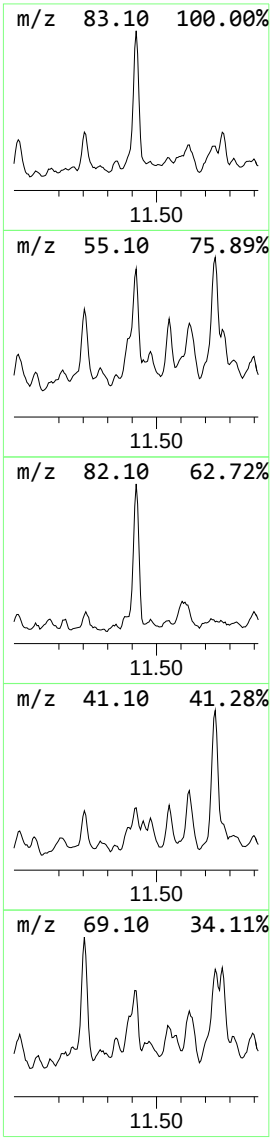
****

Peak Number 4 unknown11.416 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	6.21 ng	3249870	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2	Heptylcyclohexane	182	C13H26	005617-41-4	47
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

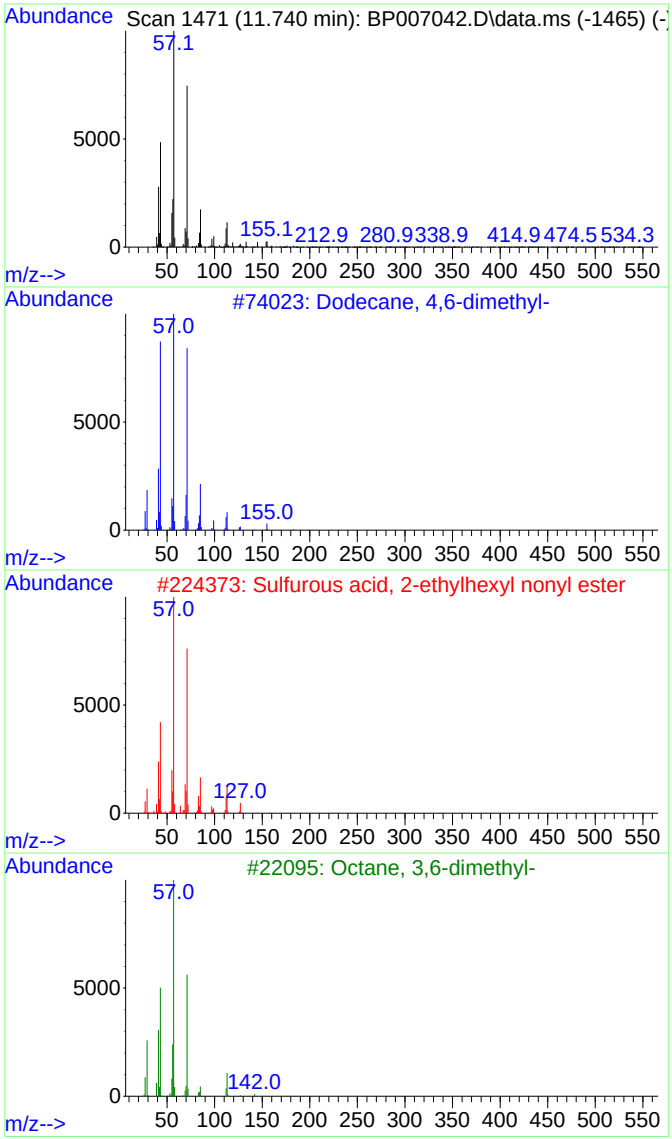
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

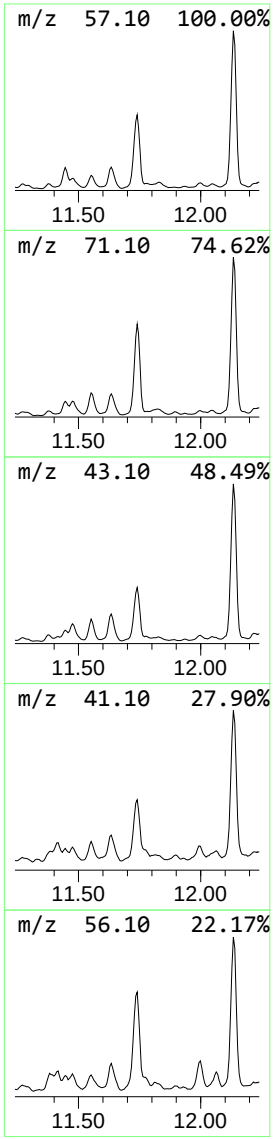
****

Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.740	11.39 ng	5957050	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





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Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

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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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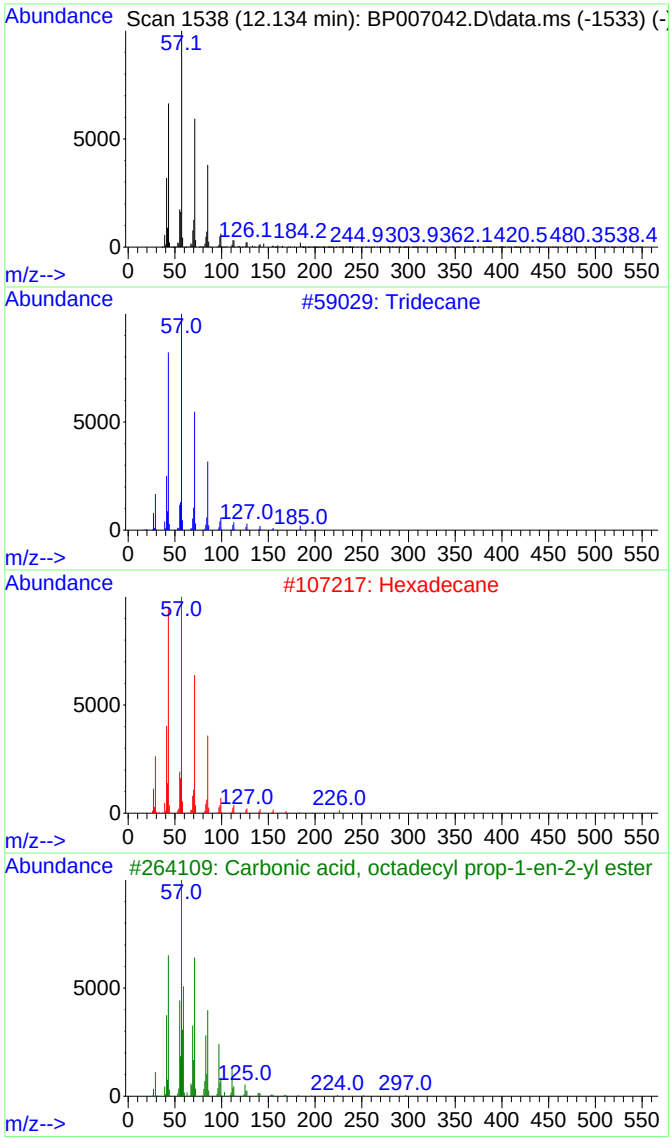
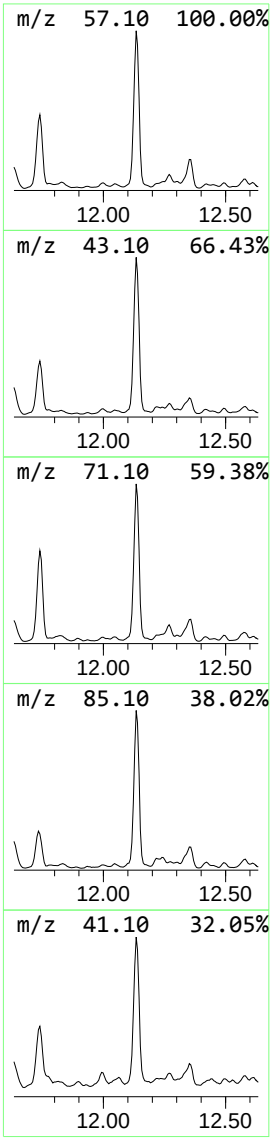
Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	18.72 ng	9788610	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4	Dodecane	170	C12H26	000112-40-3	83
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	83





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Misc :
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Instrument : BNA_P
ClientSampleId : HR-02-091421

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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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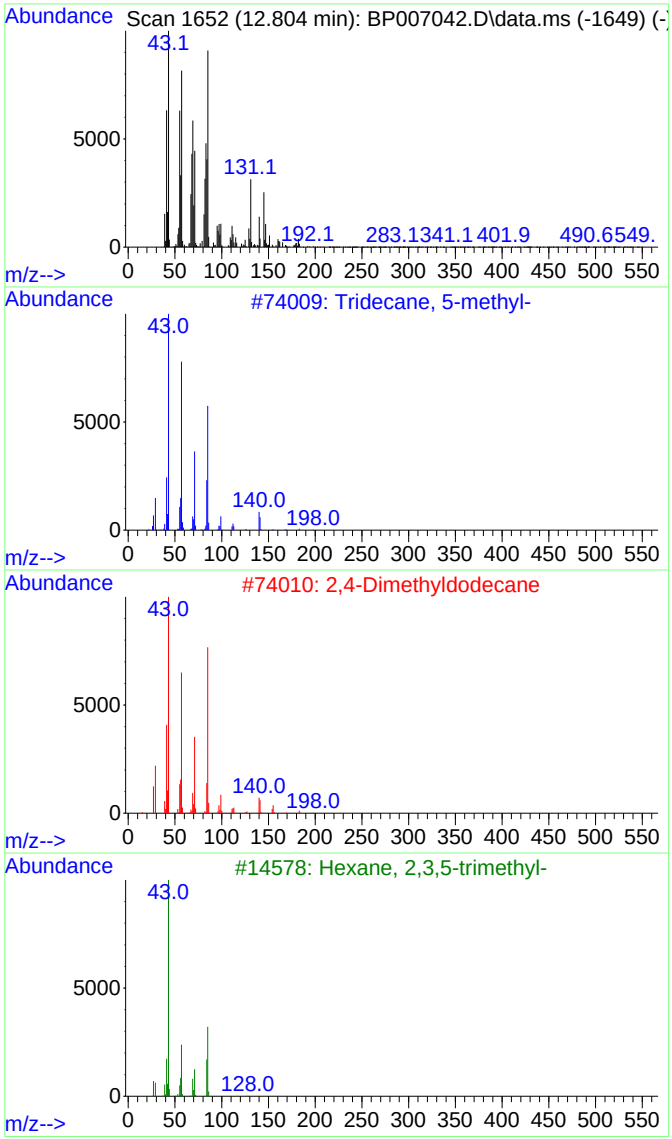
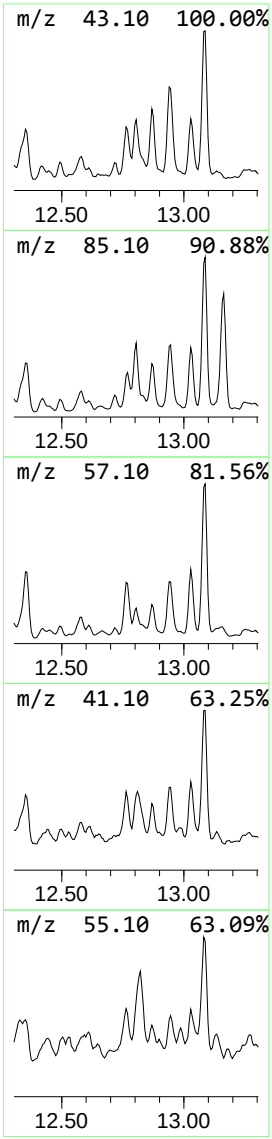
Peak Number 7 Tridecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	6.18 ng	1656490	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-	198	C14H30	025117-31-1	55
2	2,4-Dimethyldodecane	198	C14H30	006117-99-3	38
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	27
5	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	22





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Misc :
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Instrument :
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ClientSampleId :
HR-02-091421

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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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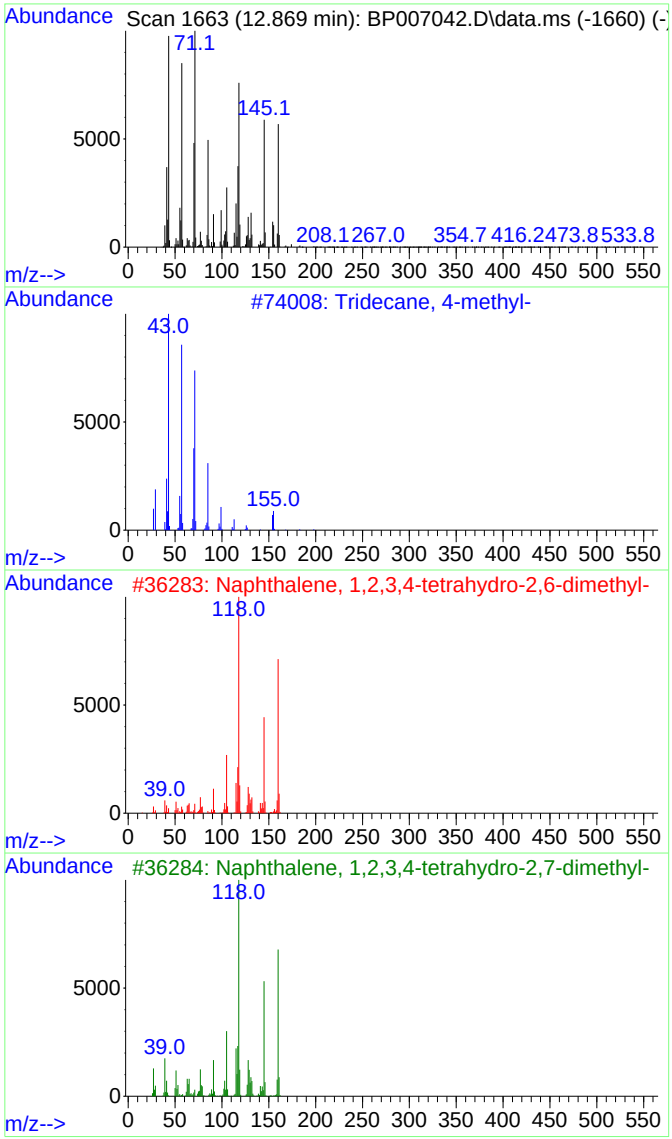
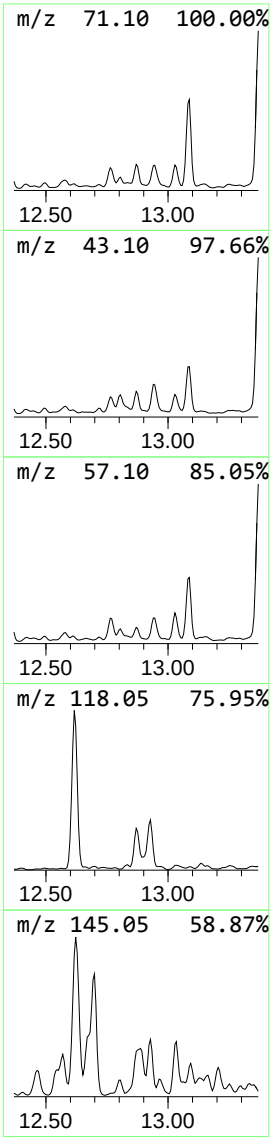
Peak Number 8 unknown12.869 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	7.28 ng	1950540	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	42
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	41
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	30
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30





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ClientSampleId : HR-02-091421

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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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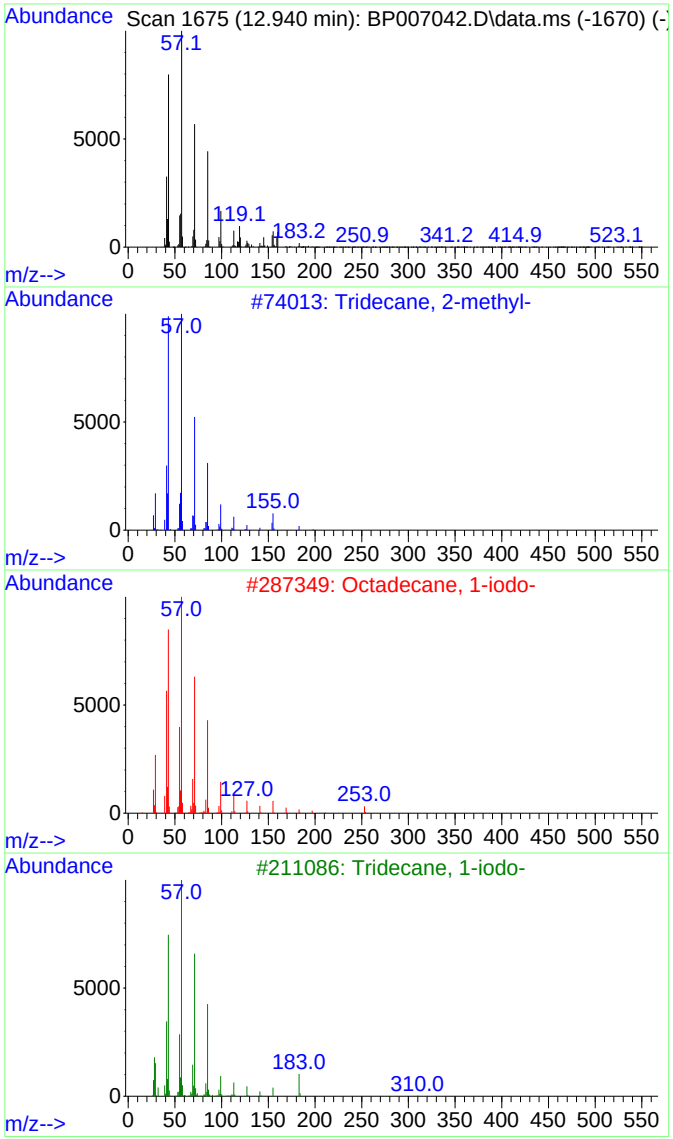
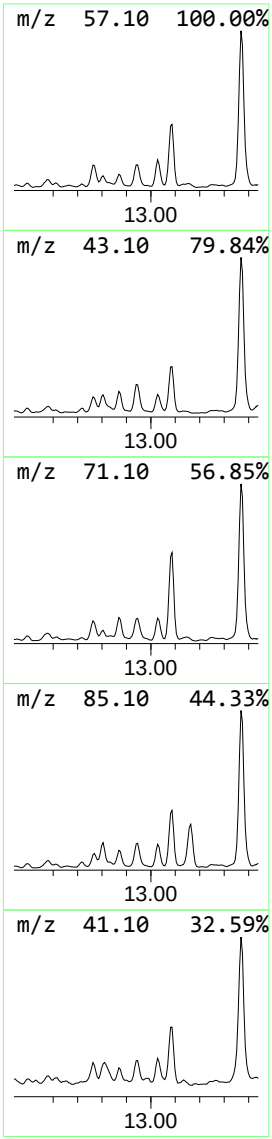
Peak Number 9 Tridecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	6.96 ng	1867300	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	92
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Decane, 3-methyl-	156	C11H24	013151-34-3	58
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53





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ClientSampleId : HR-02-091421

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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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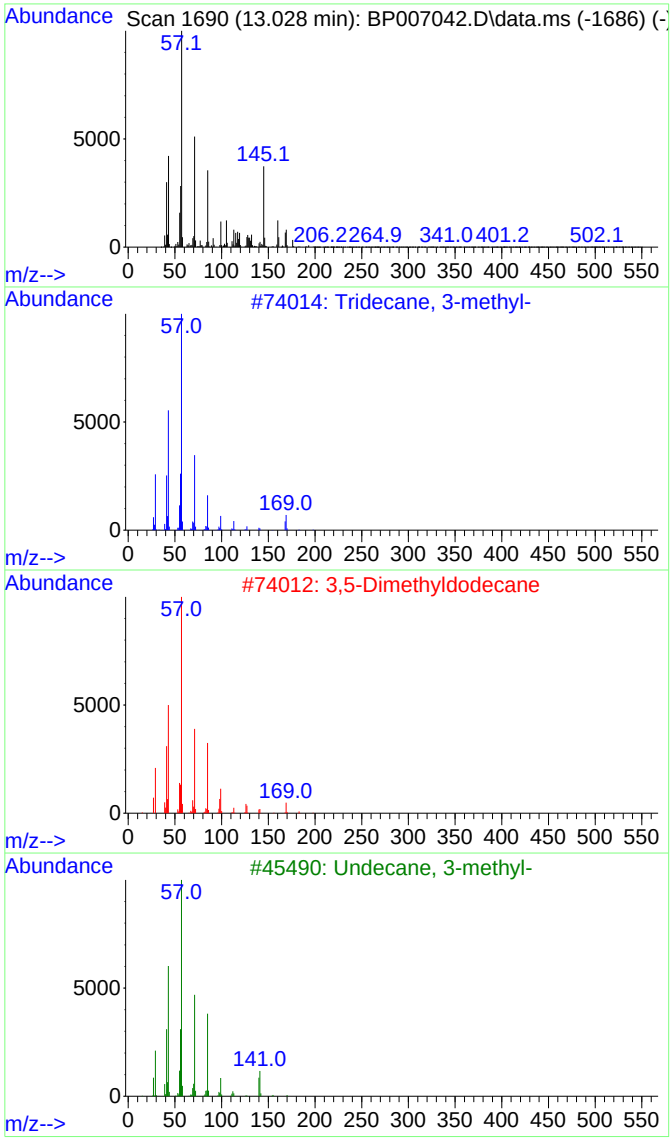
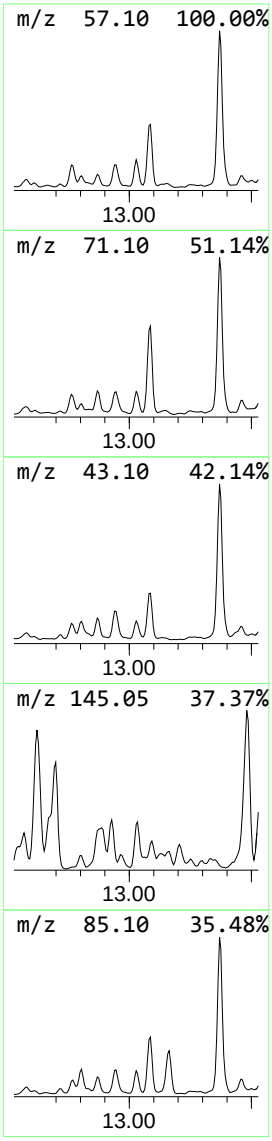
Peak Number 10 Tridecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	8.56 ng	2295170	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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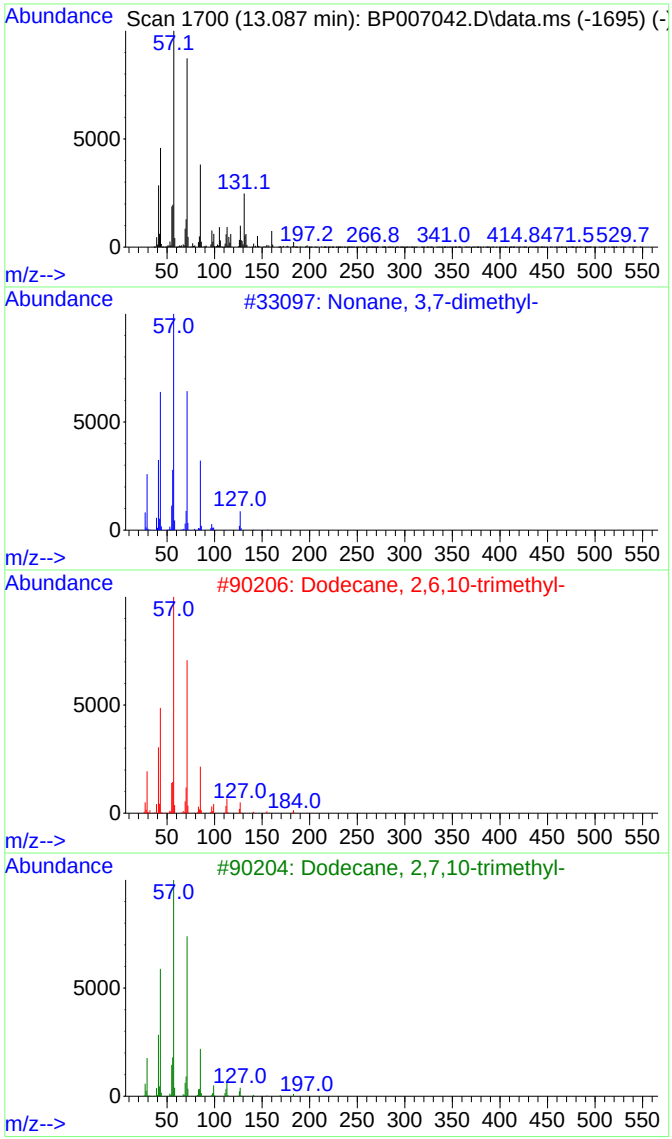
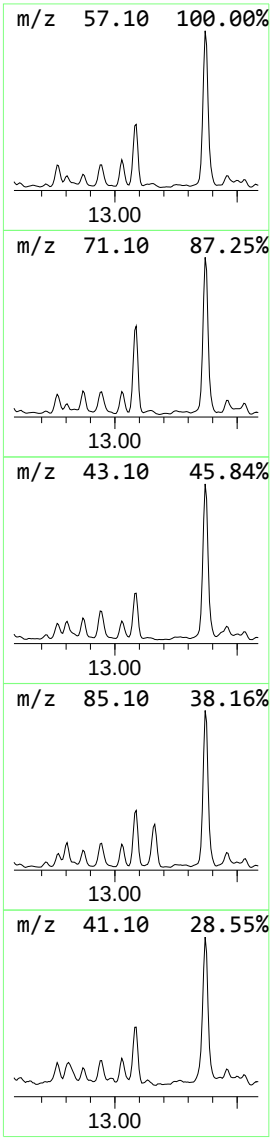
Peak Number 11 Nonane, 3,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.087	19.62 ng	5259770	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
5	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	43





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Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

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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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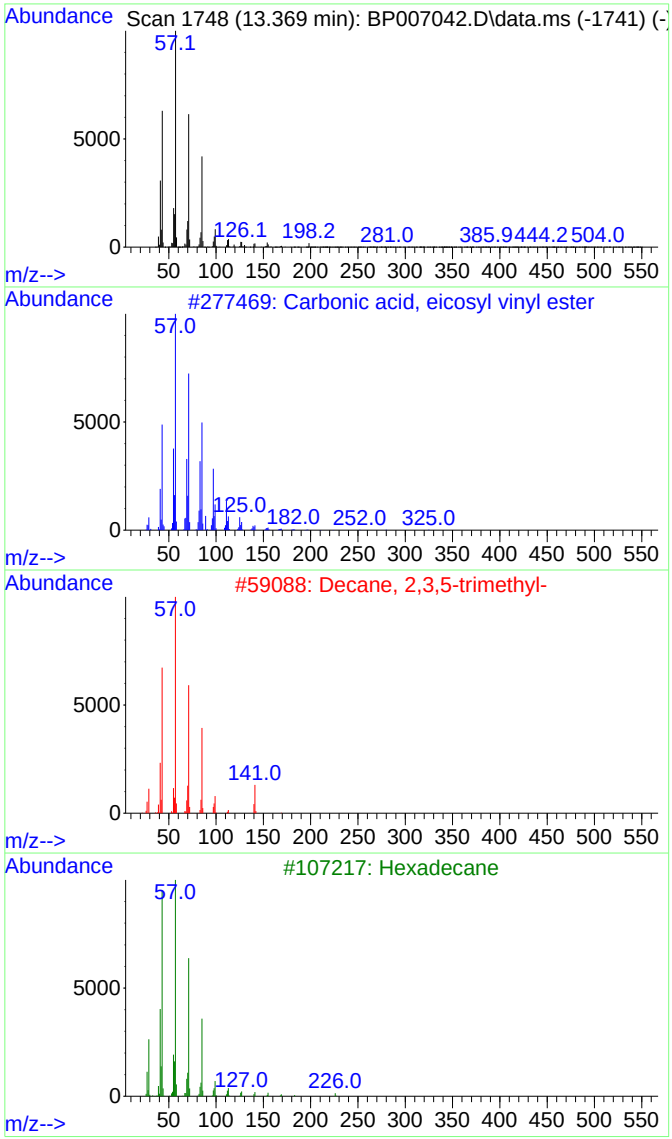
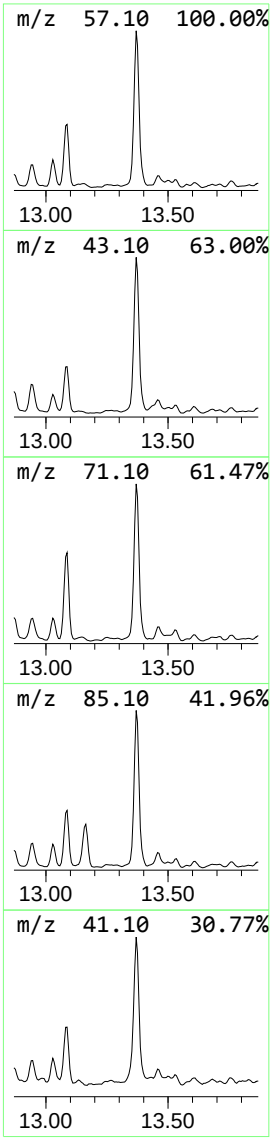
Peak Number 12 Carbonic acid, eicosyl viny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.369	38.29 ng	10265200	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





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Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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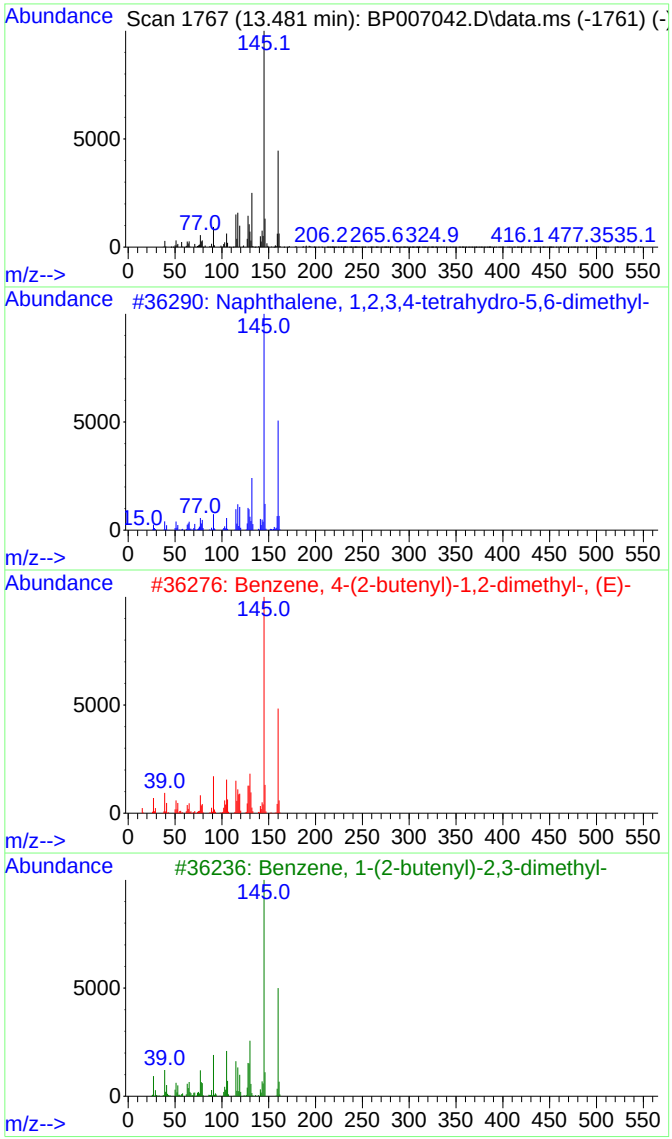
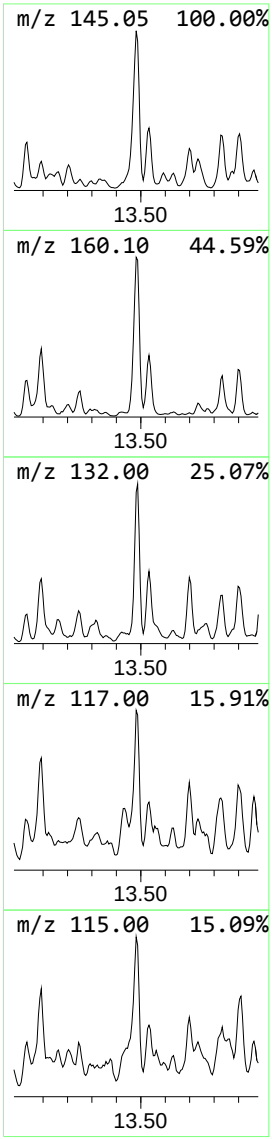
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	10.23 ng	2743890	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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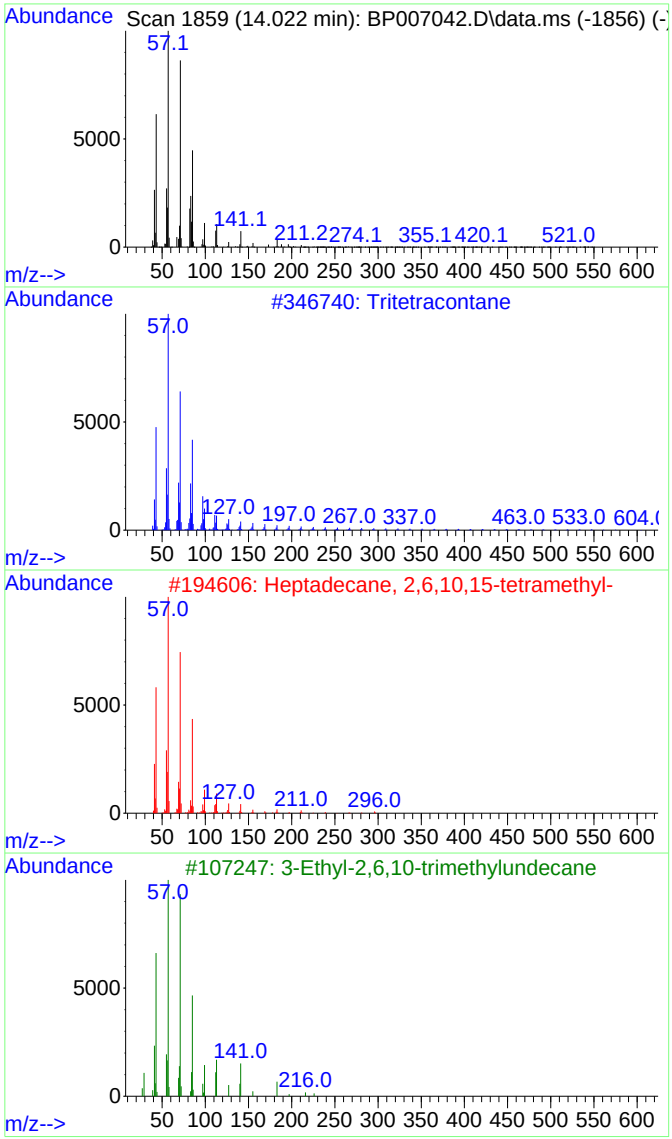
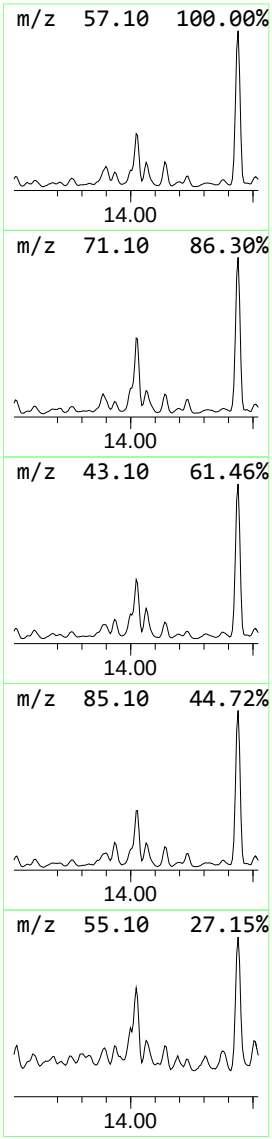
Peak Number 14 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.022	11.00 ng	2949480	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	62





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ClientSampleId : HR-02-091421

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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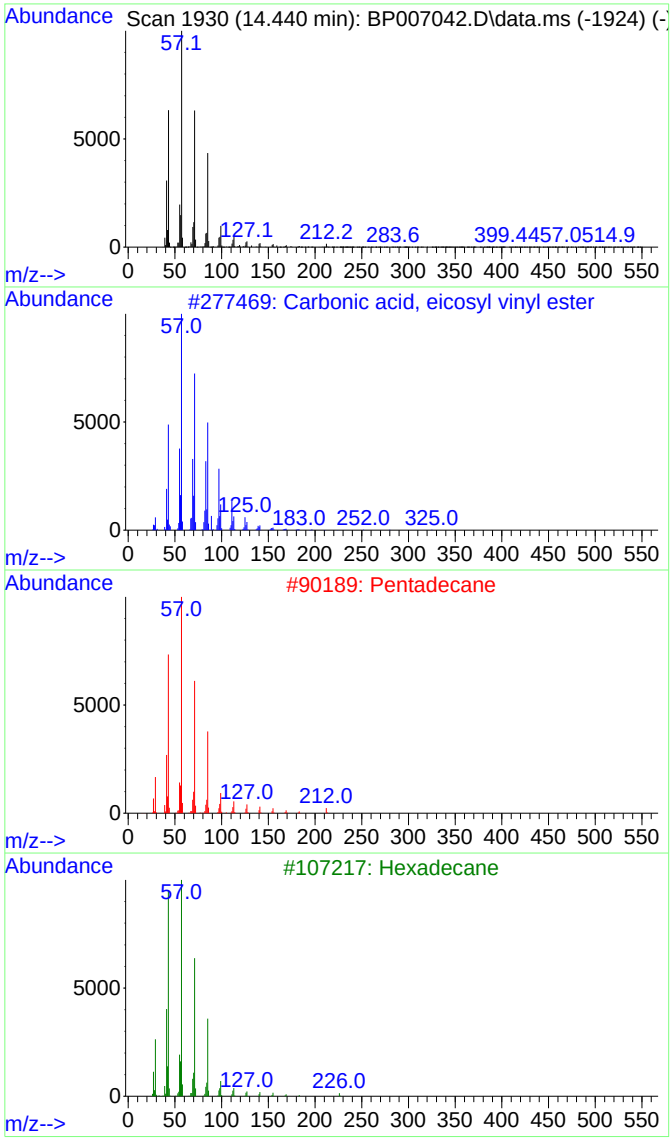
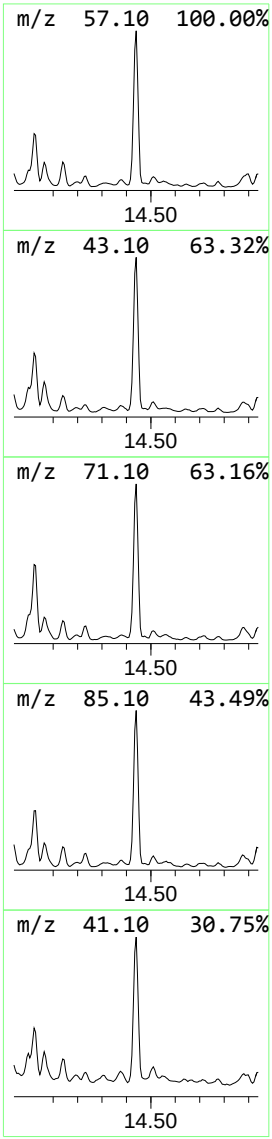
Peak Number 15 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.440	26.70 ng	7159240	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	87





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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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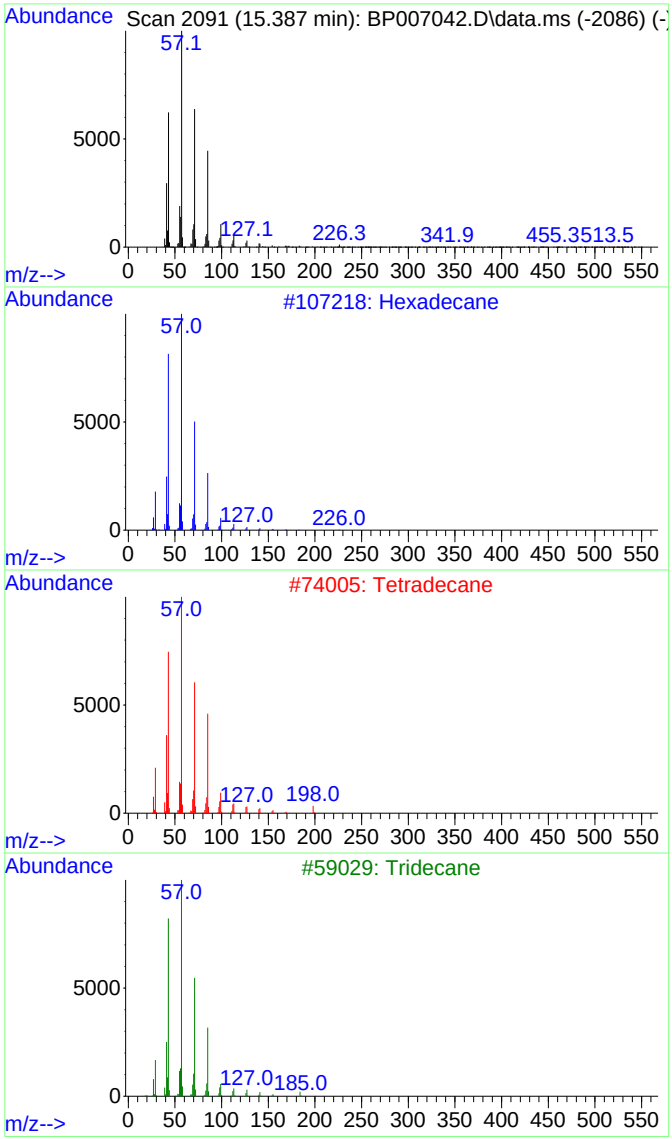
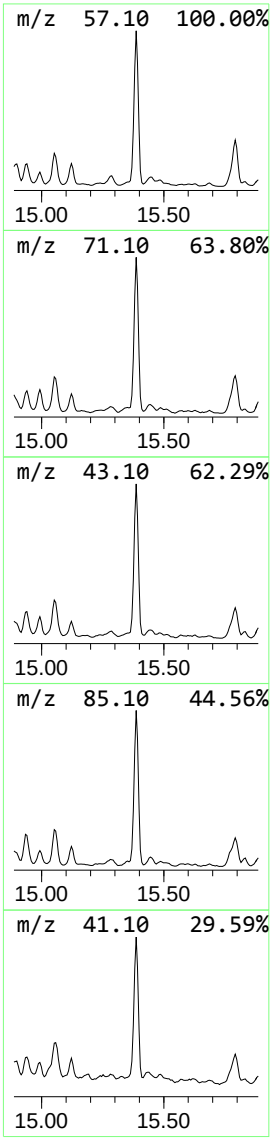
Peak Number 16 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.387	14.74 ng	3952700	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64





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Acq On : 18 Sep 2021 00:10
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Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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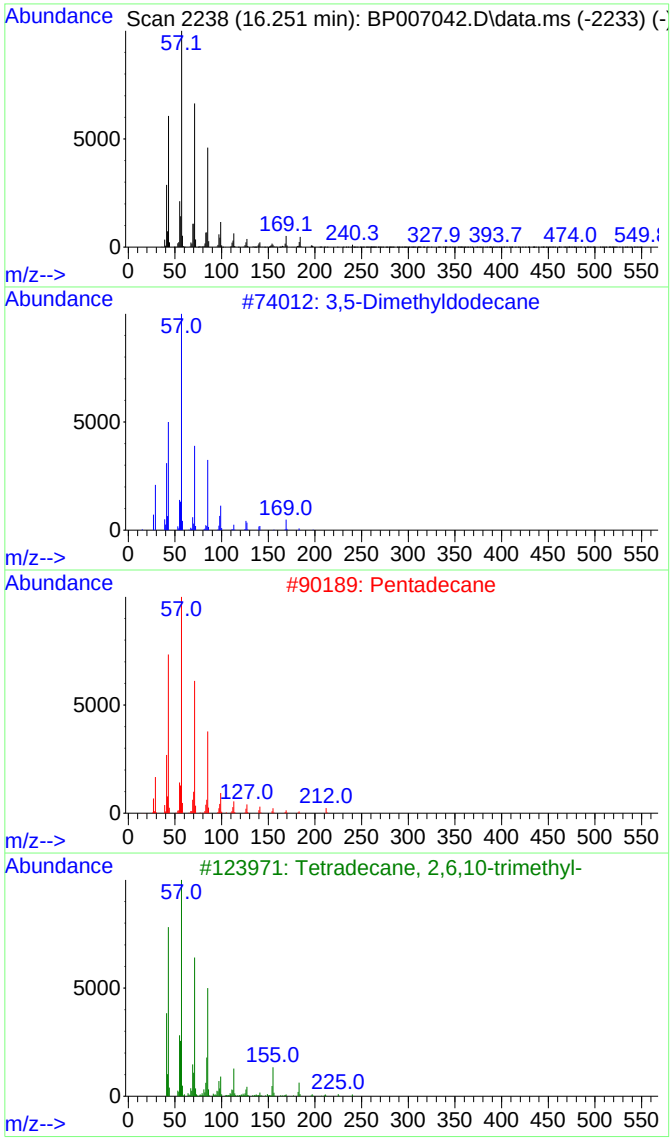
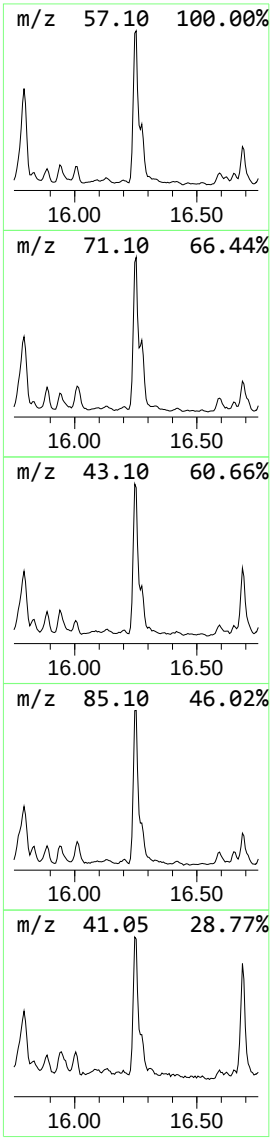
Peak Number 17 3,5-Dimethyldodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.251	10.65 ng	2444110	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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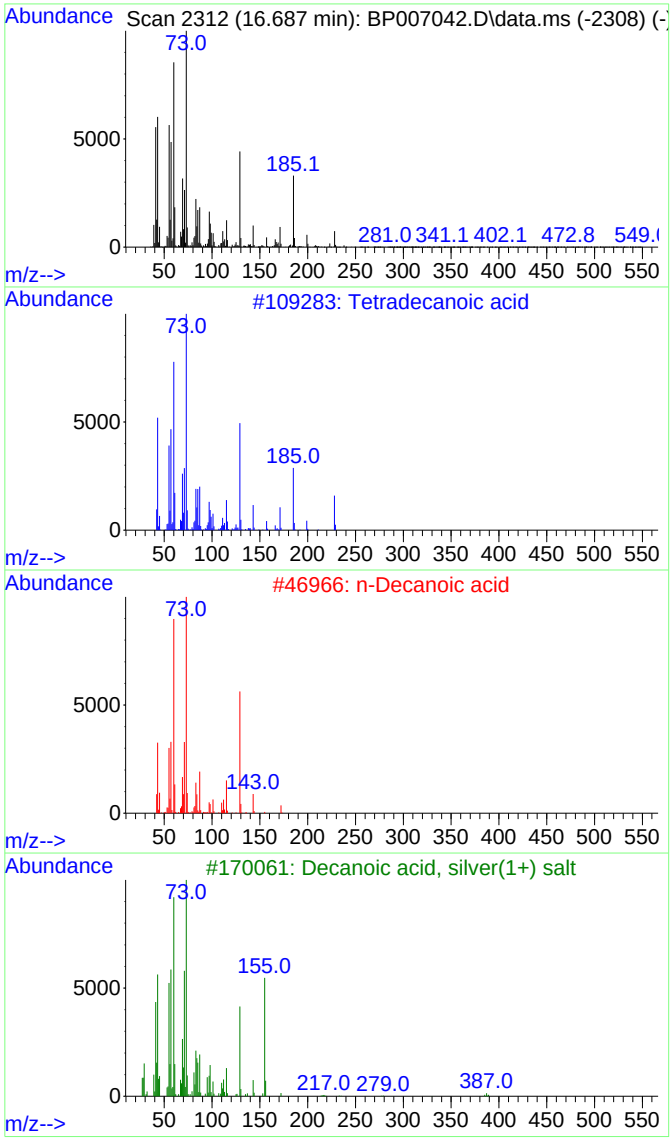
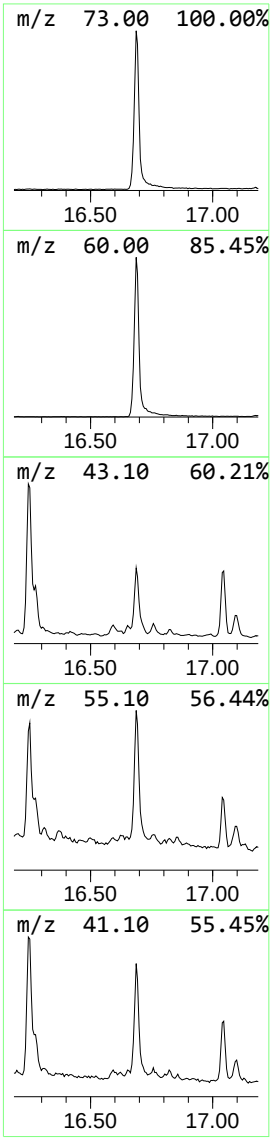
Peak Number 18 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.686	8.48 ng	1945570	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	n-Decanoic acid	172	C10H20O2	000334-48-5	76
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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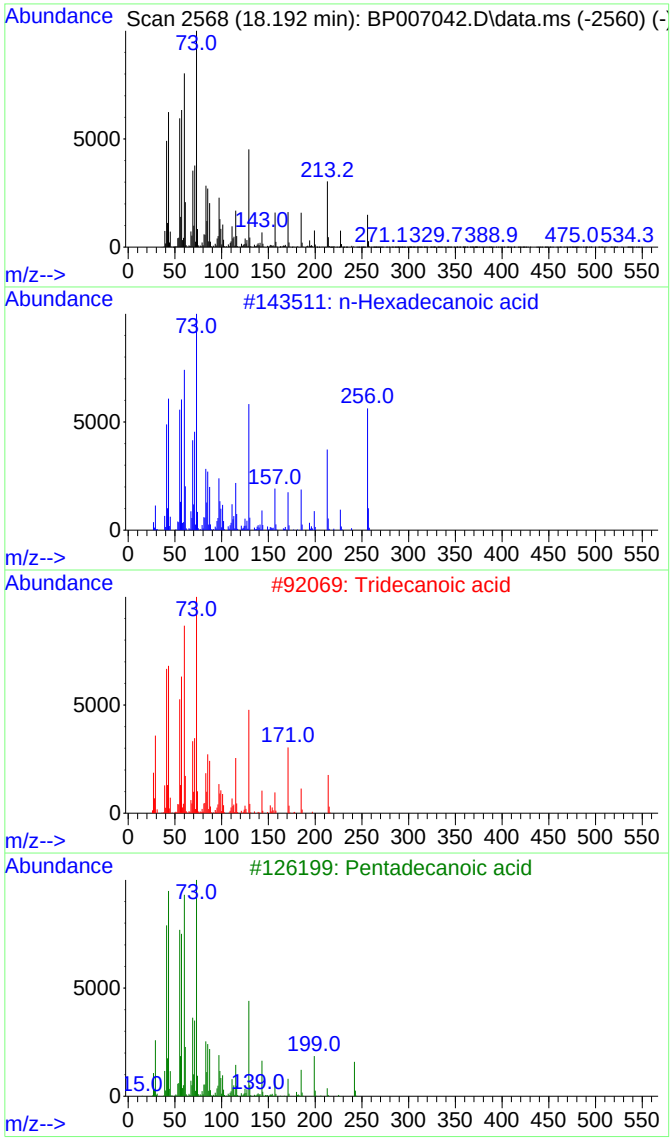
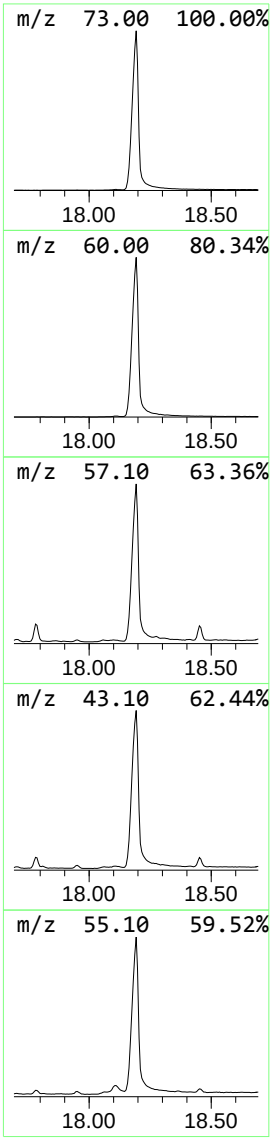
Peak Number 19 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	100.07 ng	22971200	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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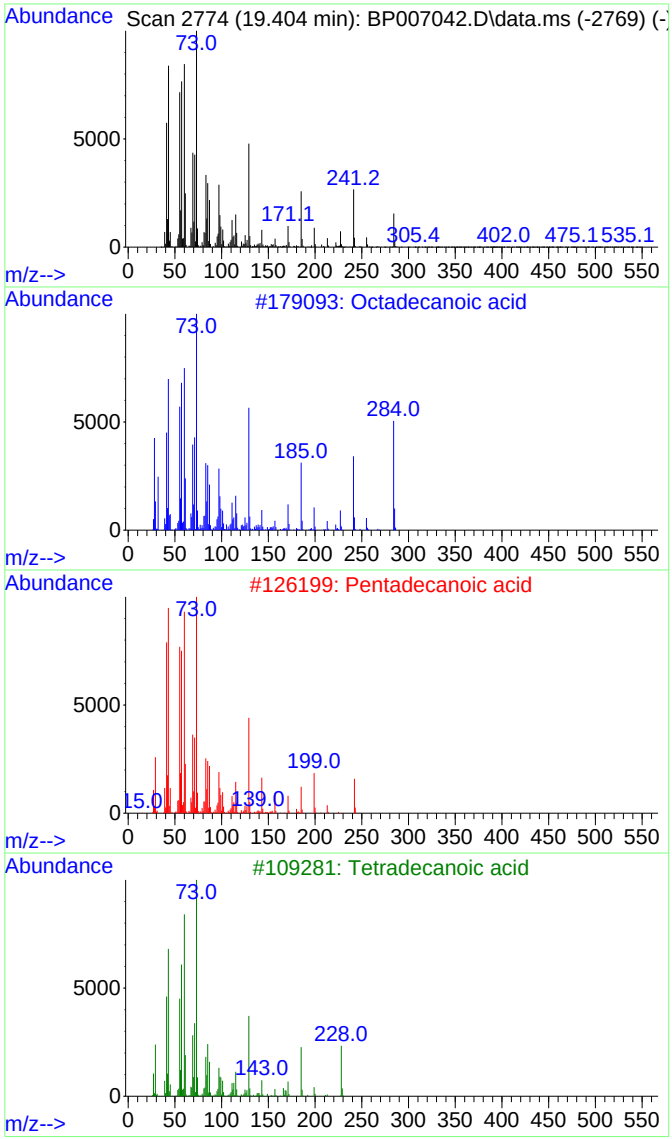
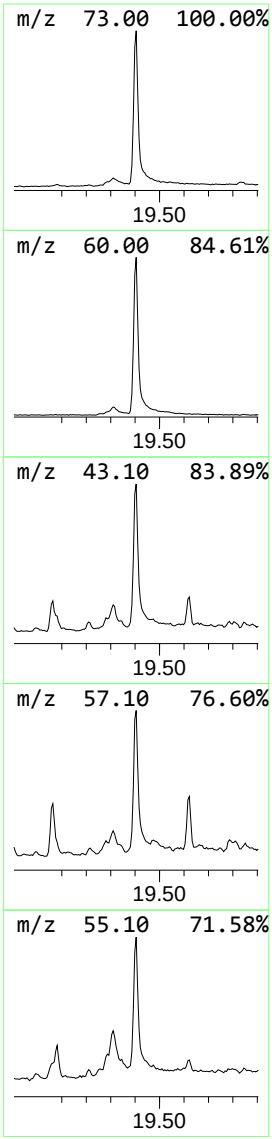
Peak Number 20 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	13.39 ng	3691010	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007042.D
Acq On : 18 Sep 2021 00:10
Operator : CG/JU
Sample : M3731-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-02-091421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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-meth...	8.458	6.5	ng	818780	1	7.911	2533410	20.0
Hexadecane	9.140	24.0	ng	3034690	1	7.911	2533410	20.0
Benzene, 1-meth...	9.269	8.4	ng	1065920	1	7.911	2533410	20.0
unknown11.416	11.416	6.2	ng	3249870	2	10.704	10459700	20.0
Dodecane, 4,6-d...	11.740	11.4	ng	5957050	2	10.704	10459700	20.0
Tridecane	12.134	18.7	ng	9788610	2	10.704	10459700	20.0
Tridecane, 5-me...	12.804	6.2	ng	1656490	3	14.534	5362080	20.0
unknown12.869	12.869	7.3	ng	1950540	3	14.534	5362080	20.0
Tridecane, 2-me...	12.940	7.0	ng	1867300	3	14.534	5362080	20.0
Tridecane, 3-me...	13.028	8.6	ng	2295170	3	14.534	5362080	20.0
Nonane, 3,7-dim...	13.087	19.6	ng	5259770	3	14.534	5362080	20.0
Carbonic acid, ...	13.369	38.3	ng	10265200	3	14.534	5362080	20.0
Naphthalene, 1,...	13.481	10.2	ng	2743890	3	14.534	5362080	20.0
Tritetracontane	14.022	11.0	ng	2949480	3	14.534	5362080	20.0
Pentadecane	14.440	26.7	ng	7159240	3	14.534	5362080	20.0
Tetradecane	15.387	14.7	ng	3952700	3	14.534	5362080	20.0
3,5-Dimethyldod...	16.251	10.7	ng	2444110	4	17.281	4591230	20.0
Tetradecanoic acid	16.686	8.5	ng	1945570	4	17.281	4591230	20.0
n-Hexadecanoic ...	18.192	100.1	ng	22971200	4	17.281	4591230	20.0
Octadecanoic acid	19.404	13.4	ng	3691010	5	21.357	5513200	20.0