LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	9	16	22	rBV	3305814	4367540	30.70%	1.419%
2	5.539	583	587	590	rBV	2687207	2451119	17.23%	0.797%
3	5.969	657	660	666	rVV2	437585	427473	3.00%	0.139%
4	6.157	687	692	699	rBV2	445977	733696	5.16%	0.238%
5	6.351	721	725	728	rVB3	359934	458167	3.22%	0.149%
6	6.445	737	741	747	rVB6	494409	845153	5.94%	0.275%
7	6.545	755	758	763	rVB	1814353	1718520	12.08%	0.559%
8	6.657	772	777	781	rBV4	495749	888486	6.24%	0.289%
9	6.692	781	783	788	rVB2	372012	430756	3.03%	0.140%
10	6.751	788	793	795	rBV4	373197	543392	3.82%	0.177%
11	6.839	803	808	812	rBV6	316571	584336	4.11%	0.190%
12	6.881	812	815	816	rBV3	404163	396181	2.78%	0.129%
13	6.922	818	822	825	rVB2	2848000	3029344	21.29%	0.985%
14	6.975	825	831	833	rVB2	1037094	1024579	7.20%	0.333%
15	7.057	843	845	849	rBV3	1462639	1432849	10.07%	0.466%
16	7.092	849	851	854	rVB2	805033	670552	4.71%	0.218%
17	7.139	857	859	861	rBV	579889	478446	3.36%	0.155%
18	7.186	864	867	870	rVB2	2195062	2041157	14.35%	0.663%
19	7.216	870	872	873	rBV	777234	576923	4.06%	0.187%
20	7.234	873	875	877	rVB	857456	586920	4.13%	0.191%
21	7.257	877	879	882	rVB3	641744	565749	3.98%	0.184%
22	7.310	882	888	891	rBV2	1522264	2159200	15.18%	0.702%
23	7.339	891	893	898	rVB6	649811	939542	6.60%	0.305%
24	7.381	898	900	903	rBV2	422454	562144	3.95%	0.183%
25	7.451	906	912	914	rBV2	3148150	3854568	27.09%	1.253%
26	7.486	914	918	923	rVB2	3873609	3984259	28.00%	1.295%
27	7.563	926	931	934	rBV4	2416023	3743206	26.31%	1.217%
28	7.622	934	941	945	rBV5	1786517	4199173	29.51%	1.365%
29	7.669	945	949	950	rBV3	858546	925975	6.51%	0.301%
30	7.692	950	953	955	rBV3	2721112	2611753	18.36%	0.849%
31	7.716	955	957	961	rVB2	2299634	2665592	18.74%	0.866%
32	7.798	967	971	973	rBV3	1726695	2028568	14.26%	0.659%
33	7.822	973	975	976	rBV2	1440570	926064	6.51%	0.301%
34	7.845	976	979	982	rBV2	2024944	2203693	15.49%	0.716%
35	7.875	982	984	988	rVB3	2533670	2623329	18.44%	0.853%
36	7.916	988	991	993	rBV3	1403775	1635083	11.49%	0.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.945	993	996	998	rBV2	3025501	3038735	21.36%	0.988%
38	7.969	998	1000	1002	rVB	1417520	1032373	7.26%	0.336%
39	8.016	1005	1008	1012	rBV4	1688073	2147766	15.10%	0.698%
40	8.075	1015	1018	1021	rBV2	2132438	2542636	17.87%	0.826%
41	8.110	1021	1024	1027	rBV2	1779922	1862405	13.09%	0.605%
42	8.157	1027	1032	1034	rBV5	2458946	4087145	28.73%	1.328%
43	8.192	1034	1038	1042	rVV5	2470839	4731047	33.25%	1.538%
44	8.269	1046	1051	1053	rVB2	6245936	8368270	58.82%	2.720%
45	8.292	1053	1055	1058	rBV2	3337808	3275072	23.02%	1.064%
46	8.357	1063	1066	1068	rBV4	2255306	2764575	19.43%	0.898%
47	8.380	1068	1070	1072	rVV2	1237431	1140064	8.01%	0.371%
48	8.410	1072	1075	1077	rVB3	2324331	2366503	16.63%	0.769%
49	8.498	1086	1090	1094	rVB5	3871141	5064399	35.60%	1.646%
50	8.557	1097	1100	1103	rBV4	1292094	1203850	8.46%	0.391%
51	8.592	1103	1106	1109	rBV2	3052950	2956127	20.78%	0.961%
52	8.633	1109	1113	1118	rBV3	6550689	9752512	68.55%	3.170%
53	8.675	1118	1120	1123	rVB2	2393709	2479735	17.43%	0.806%
54	8.716	1124	1127	1129	rBV2	3783955	2982342	20.96%	0.969%
55	8.804	1139	1142	1145	rBV3	2543427	3661310	25.73%	1.190%
56	8.928	1161	1163	1166	rVB	2338486	1784270	12.54%	0.580%
57	8.963	1166	1169	1171	rBV3	2167166	1942406	13.65%	0.631%
58	8.992	1171	1174	1176	rBV4	1650920	2539392	17.85%	0.825%
59	9.033	1179	1181	1184	rVB2	3632009	3104243	21.82%	1.009%
60	9.122	1193	1196	1199	rVB3	3101868	3245833	22.81%	1.055%
61	9.163	1200	1203	1207	rBV4	1698511	2427831	17.06%	0.789%
62	9.239	1212	1216	1221	rVB3	5767925	7160242	50.33%	2.327%
63	9.292	1222	1225	1226	rBV	3061122	2408184	16.93%	0.783%
64	9.375	1236	1239	1244	rBV4	2521946	4343138	30.53%	1.412%
65	9.492	1257	1259	1263	rVB2	2211969	2685328	18.87%	0.873%
66	9.575	1268	1273	1276	rVB2	6062241	10432666	73.33%	3.391%
67	9.651	1281	1286	1289	rVV	5759245	11151460	78.38%	3.624%
68	9.686	1289	1292	1293	rVV	5361089	6131490	43.10%	1.993%
69	9.704	1293	1295	1297	rVB2	8095490	7304542	51.34%	2.374%
70	9.727	1297	1299	1301	rVB3	1489129	1005137	7.06%	0.327%
71	9.763	1303	1305	1307	rBV	2280076	2198949	15.46%	0.715%
72	9.851	1317	1320	1322	rVB2	4310332	3942594	27.71%	1.281%
73	10.092	1357	1361	1365	rVB2	4343995	7119342	50.04%	2.314%
74	10.133	1366	1368	1372	rBV5	2253722	2507950	17.63%	0.815%
75	10.239	1382	1386	1389	rBV3	5899064	6574050	46.21%	2.137%
76	10.310	1394	1398	1401	rBV	5348655	7585108	53.31%	2.465%

LSC Area Percent Report

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Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.345	1401	1404	1409	rVB2	5675429	6575137	46.21%	2.137%
78	10.398	1409	1413	1416	rBV2	4938567	7523204	52.88%	2.445%
79	10.792	1476	1480	1482	rBV3	2504472	3370151	23.69%	1.095%
80	10.816	1482	1484	1489	rVB2	2651794	2230163	15.68%	0.725%
81	10.910	1495	1500	1506	rVB	8746816	14227338	100.00%	4.624%
82	11.127	1535	1537	1540	rVB3	3363634	2712715	19.07%	0.882%
83	11.204	1548	1550	1552	rBV3	1679567	1918493	13.48%	0.624%
84	11.363	1574	1577	1585	rVB4	5587354	8399522	59.04%	2.730%
85	11.598	1615	1617	1622	rVB4	2632864	2771014	19.48%	0.901%
86	11.704	1633	1635	1646	rVB9	3093060	5724116	40.23%	1.860%
87	11.898	1665	1668	1670	rBV2	1522090	1883092	13.24%	0.612%
88	11.986	1680	1683	1685	rVV	2105635	2187367	15.37%	0.711%
89	12.016	1685	1688	1692	rVB	4341714	4768041	33.51%	1.550%
90	12.092	1699	1701	1704	rVV2	3768136	2995725	21.06%	0.974%
91	12.121	1704	1706	1710	rVB2	2555777	2379528	16.73%	0.773%
92	12.457	1760	1763	1765	rVV	1862796	1505291	10.58%	0.489%
93	12.480	1765	1767	1769	rVB	1638736	1143398	8.04%	0.372%
94	12.533	1772	1776	1778	rBV	3385963	3507543	24.65%	1.140%
95	12.610	1787	1789	1792	rBV	1194352	1144851	8.05%	0.372%
96	12.645	1792	1795	1800	rVB4	1351635	1651781	11.61%	0.537%
97	12.968	1847	1850	1853	rVB	1761759	1741260	12.24%	0.566%
98	13.015	1856	1858	1861	rBV2	811661	860084	6.05%	0.280%
99	13.051	1861	1864	1866	rVB	3437715	3123966	21.96%	1.015%
100	14.104	2040	2043	2048	rVB	983162	985899	6.93%	0.320%

Sum of corrected areas: 307694187

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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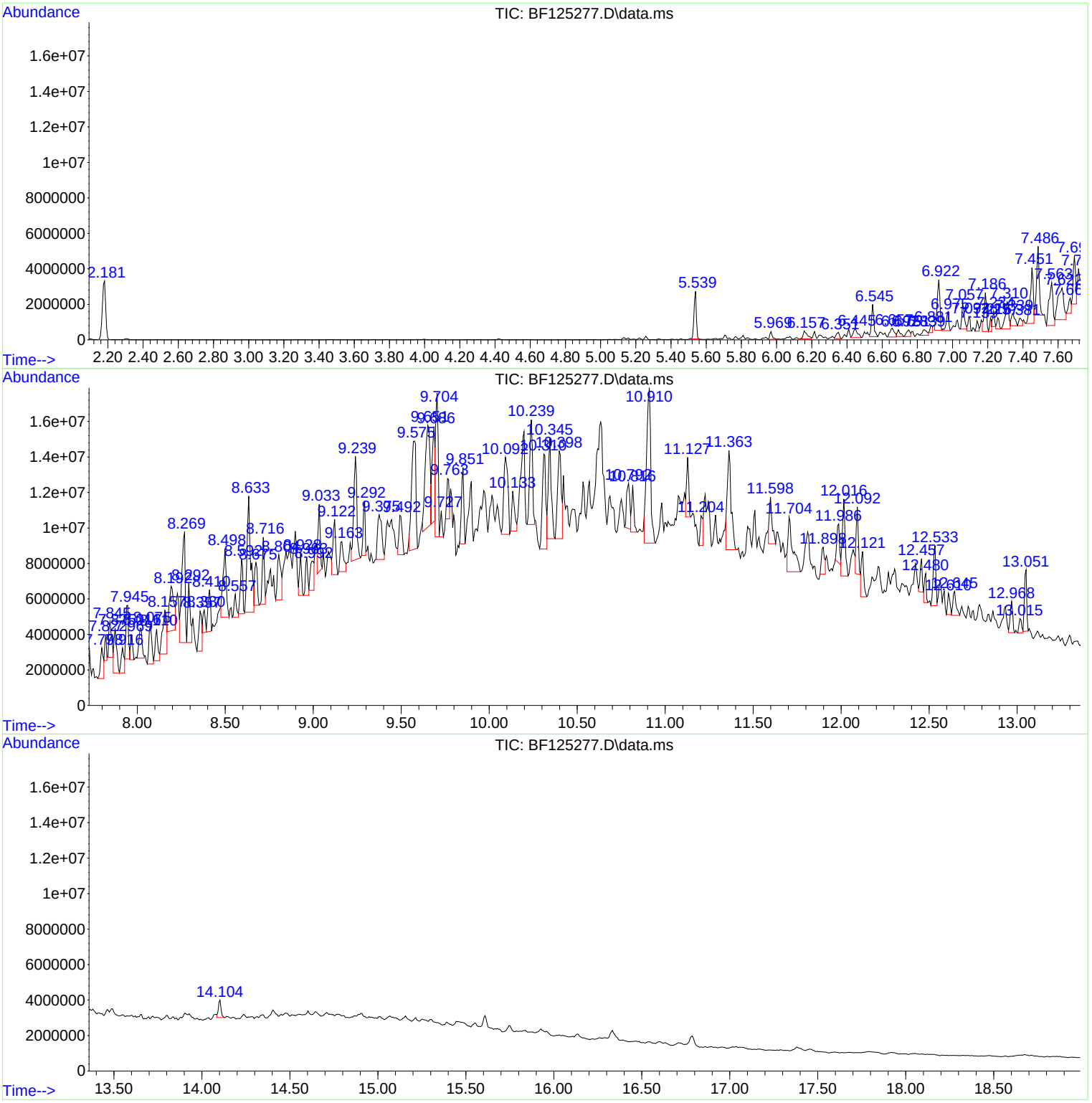
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

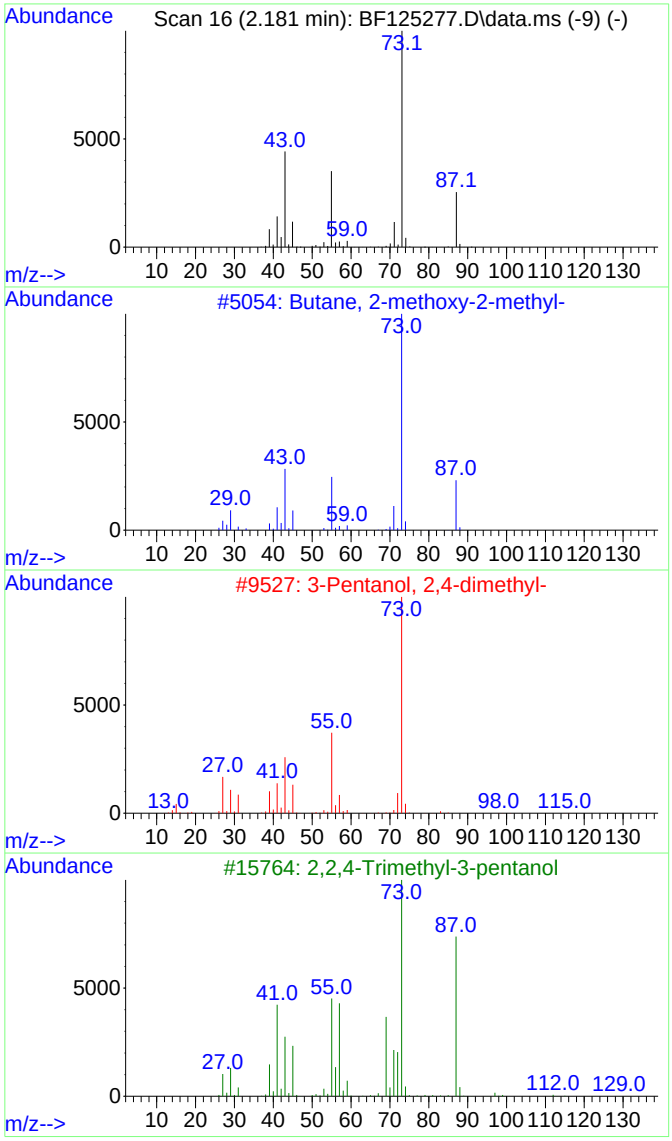
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

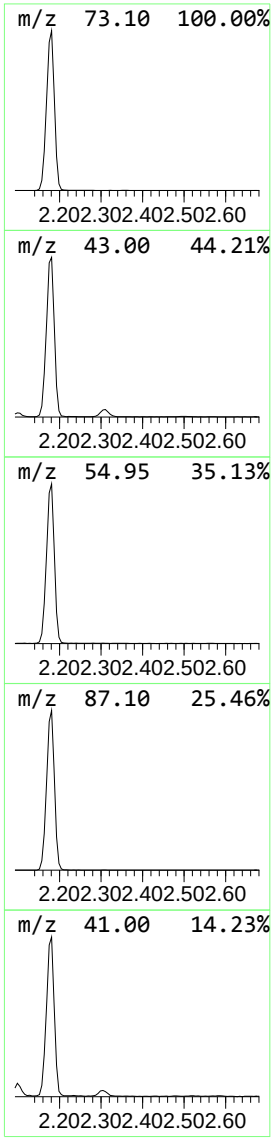
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	28.83 ng	4367540	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

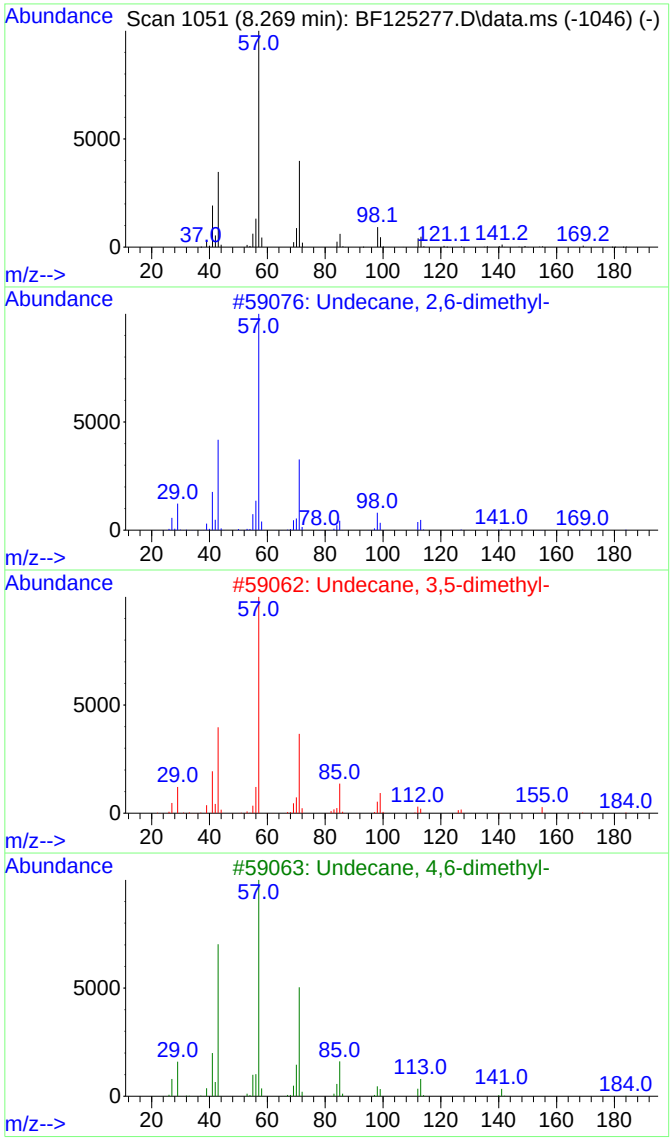
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

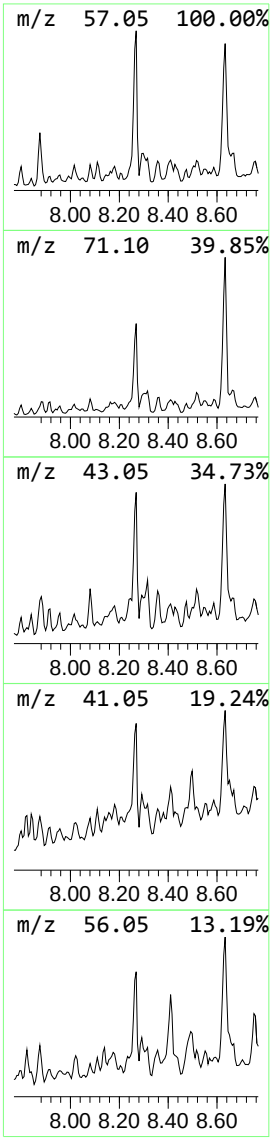
****

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	35.38 ng	8368270	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59





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Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
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Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

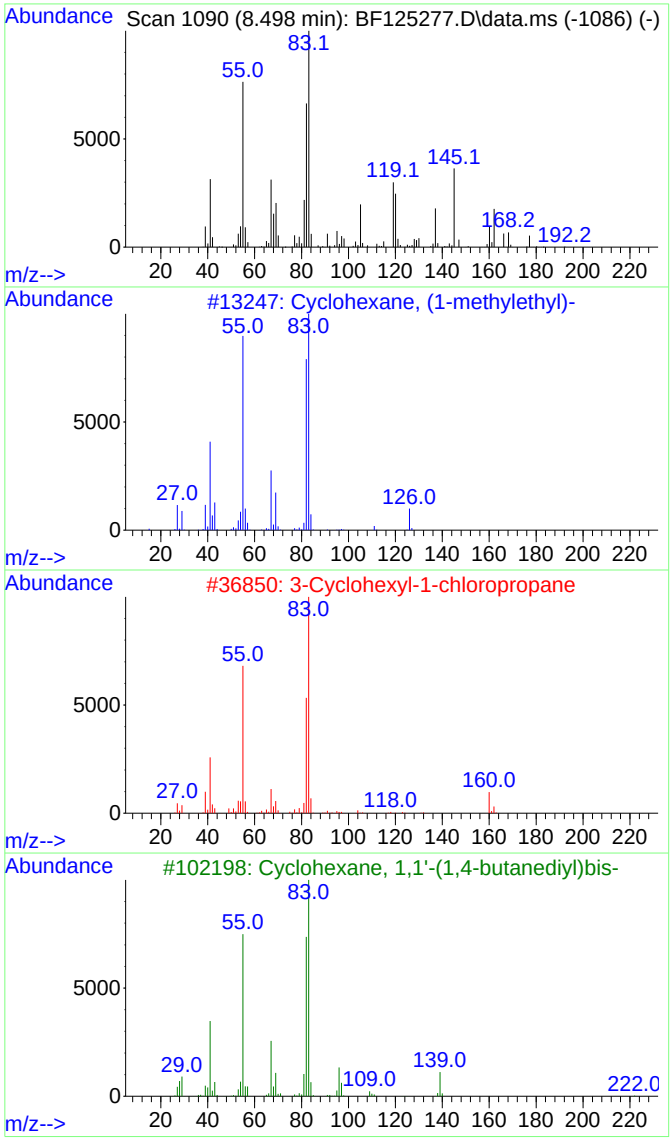
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

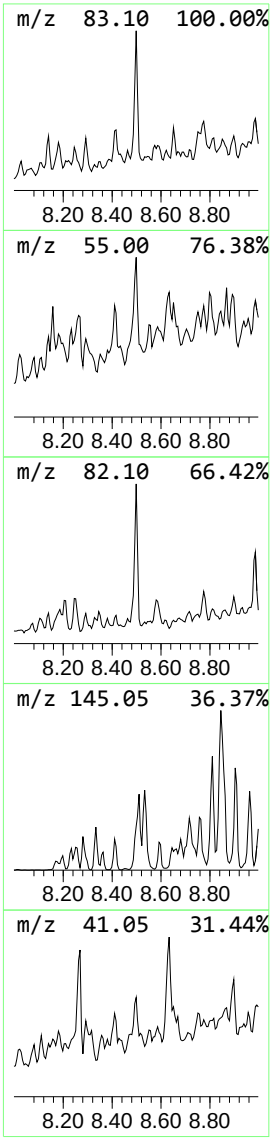
****

Peak Number 3 unknown8.498 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	21.41 ng	5064400	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

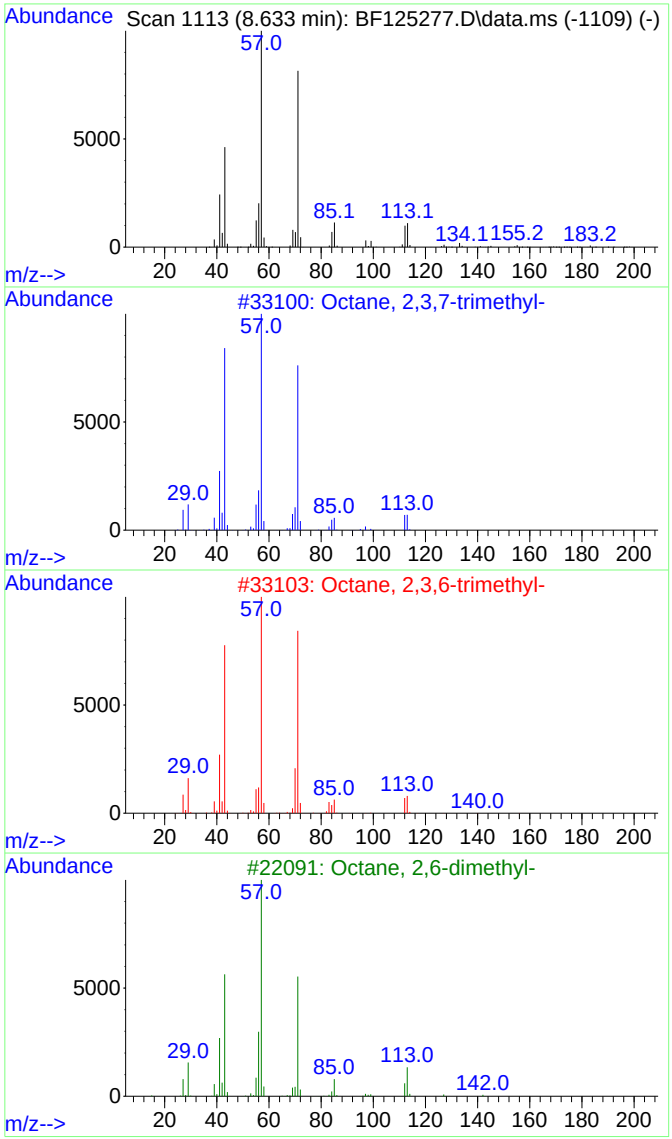
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

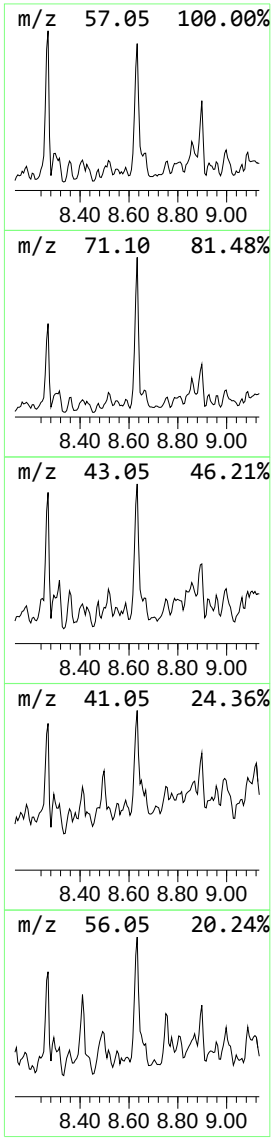
****

Peak Number 4 Octane, 2,3,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	41.23 ng	9752510	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

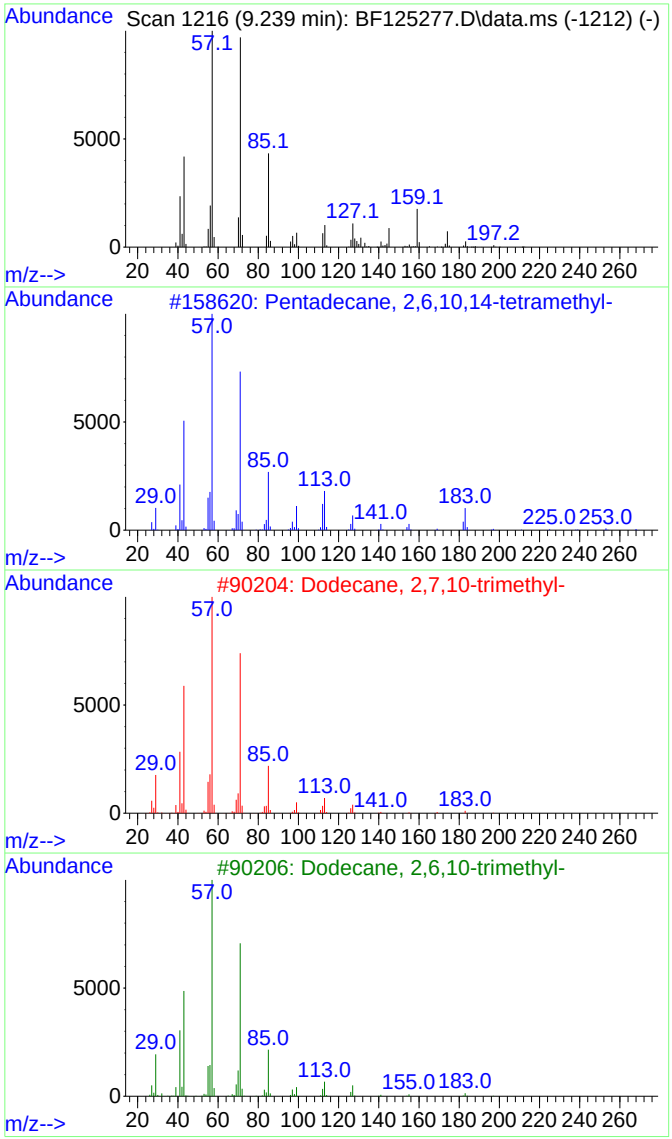
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

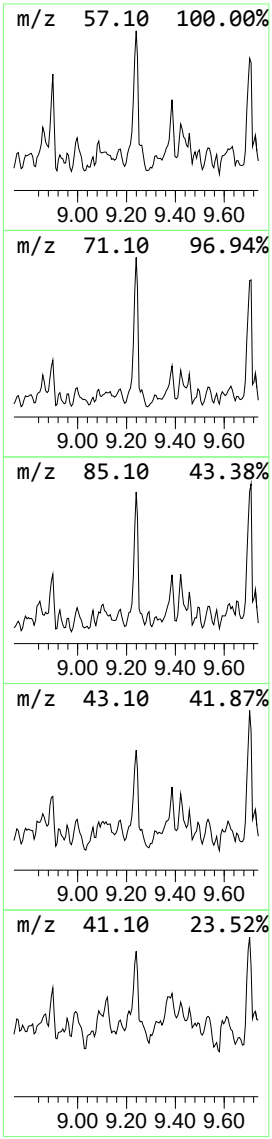
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	20.11 ng	7160240	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49





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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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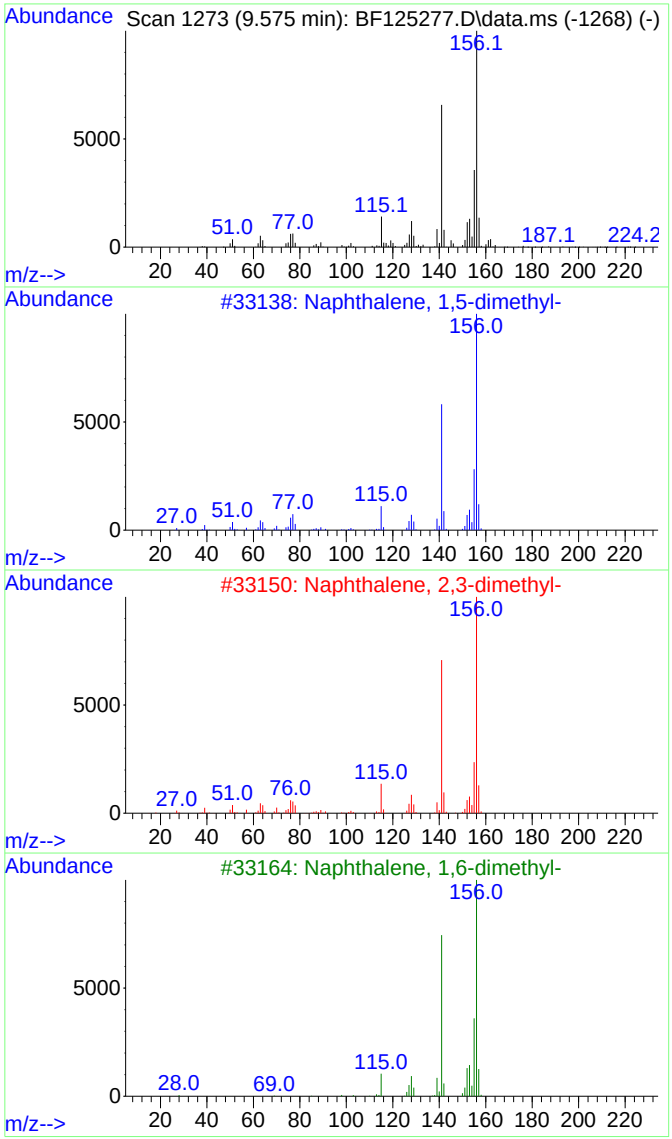
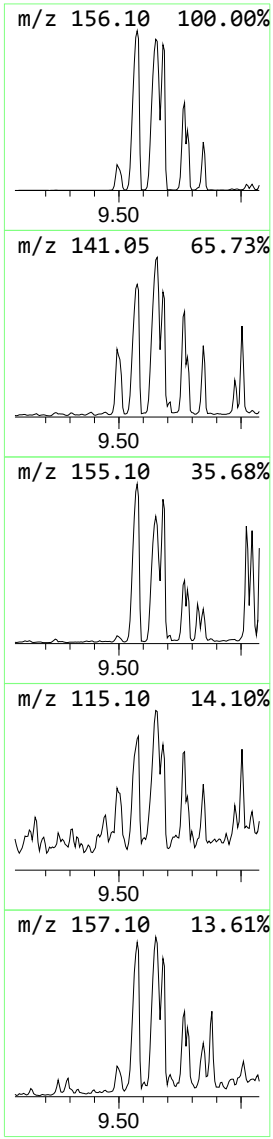
Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	29.31 ng	10432700	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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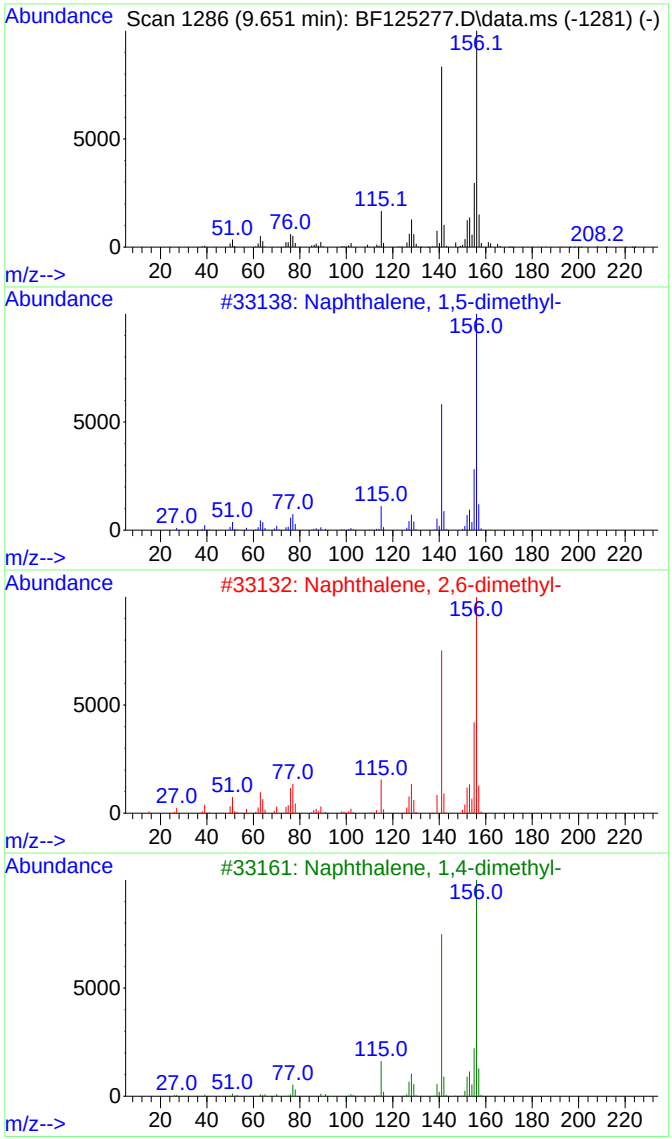
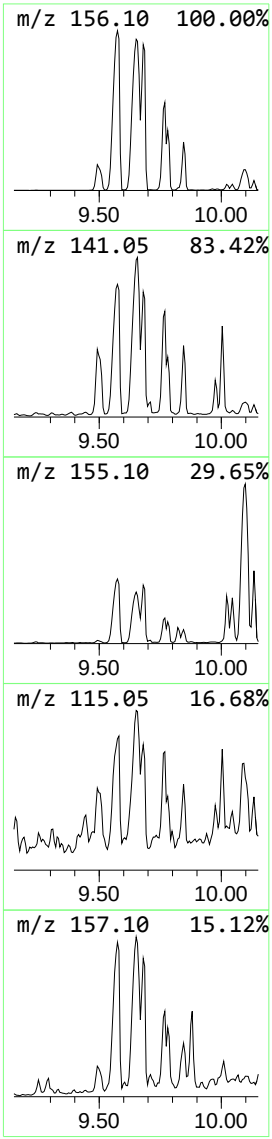
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	31.33 ng	11151500	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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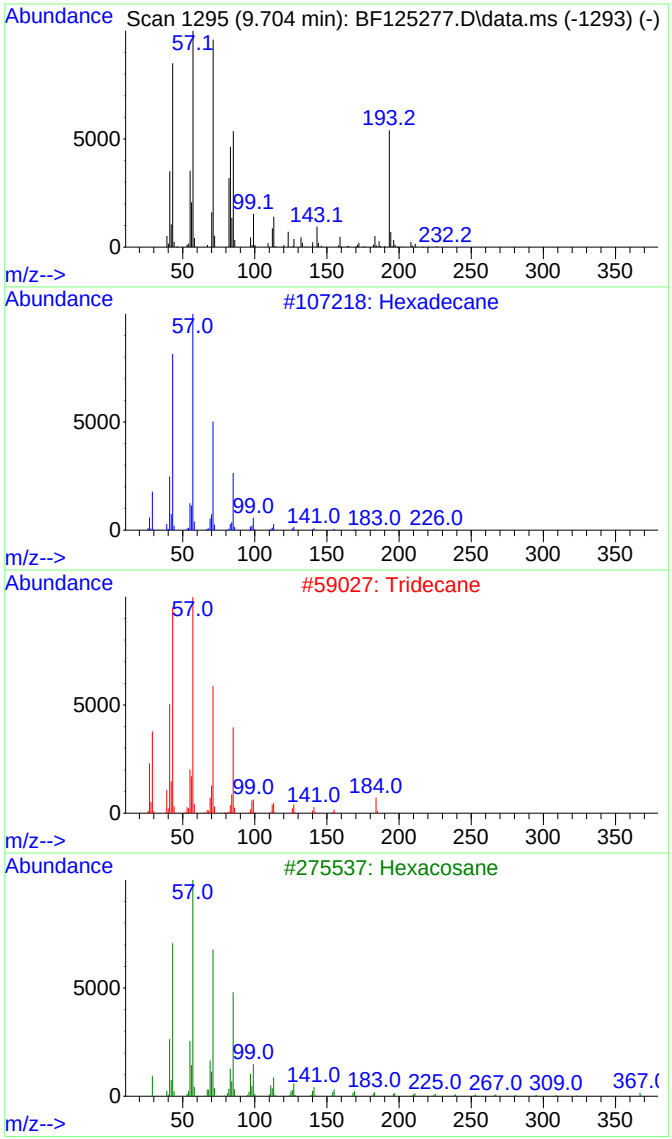
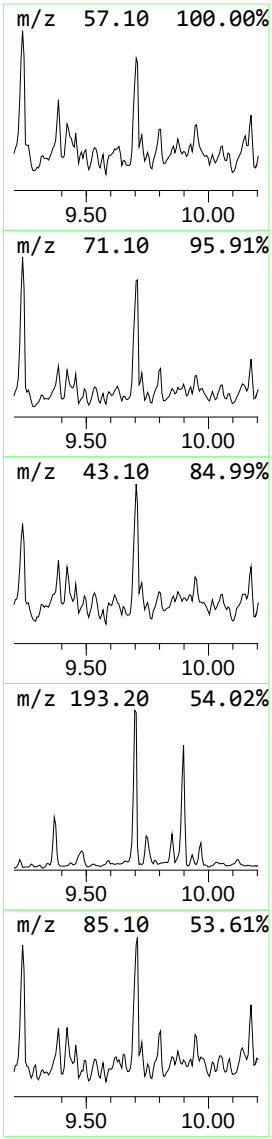
Peak Number 8 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	20.52 ng	7304540	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Tridecane	184	C13H28	000629-50-5	55
3	Hexacosane	366	C26H54	000630-01-3	47
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
5	Dodecane	170	C12H26	000112-40-3	43





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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

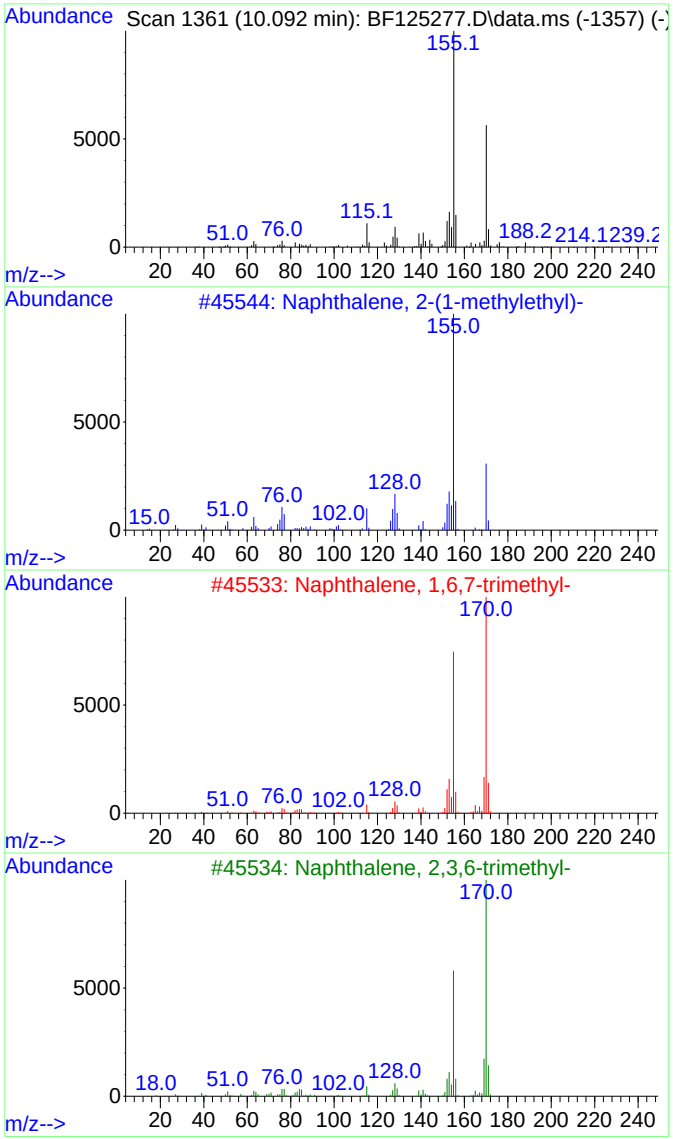
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

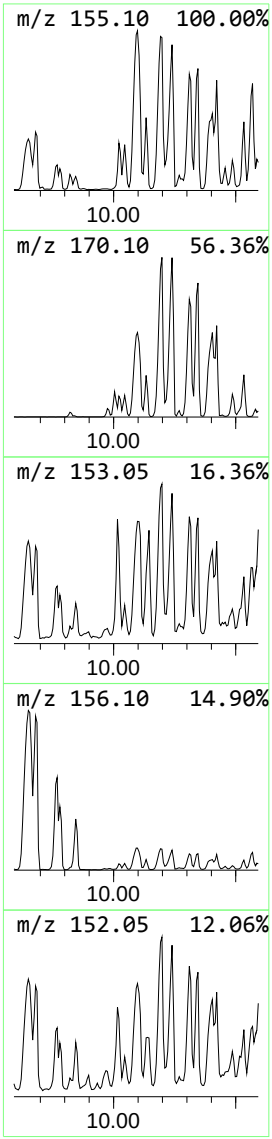
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	20.00 ng	7119340	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70





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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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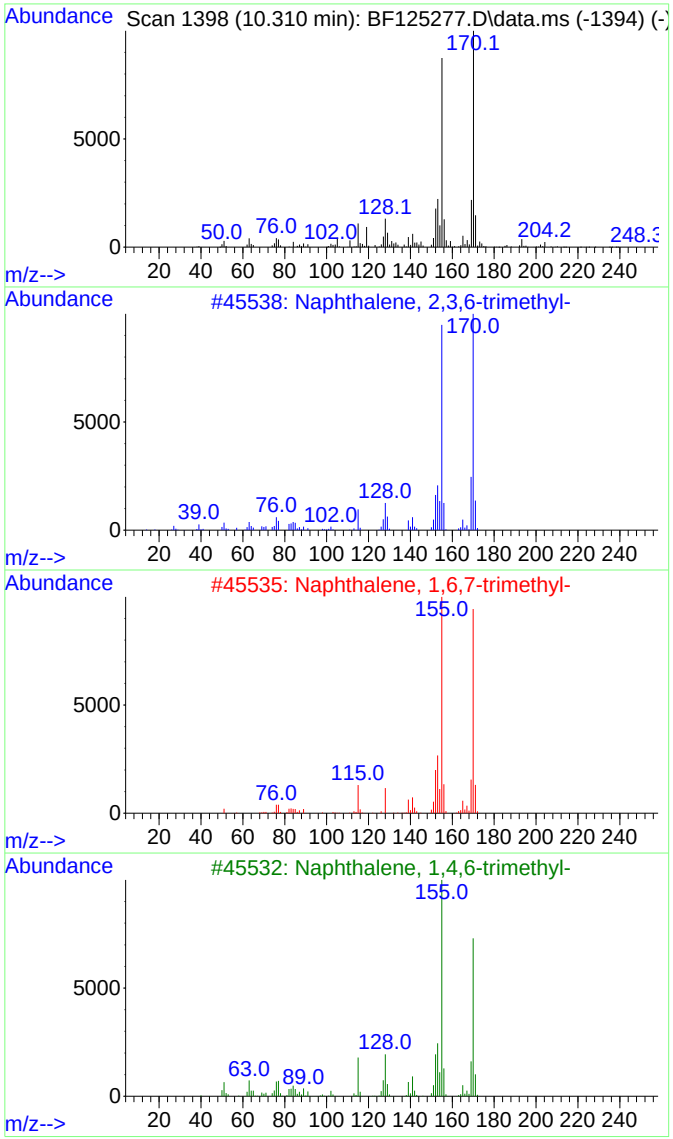
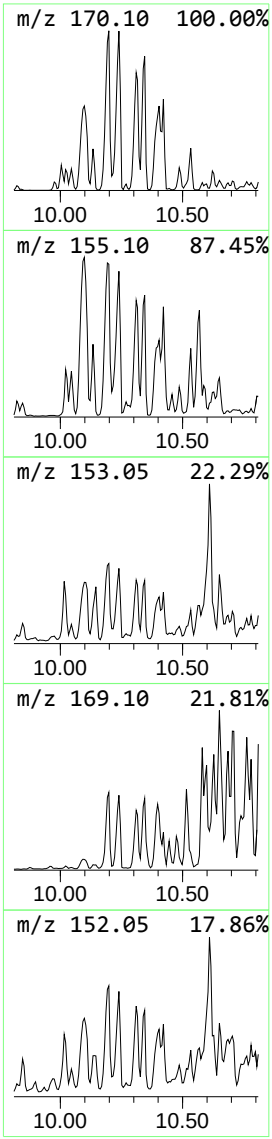
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	21.31 ng	7585110	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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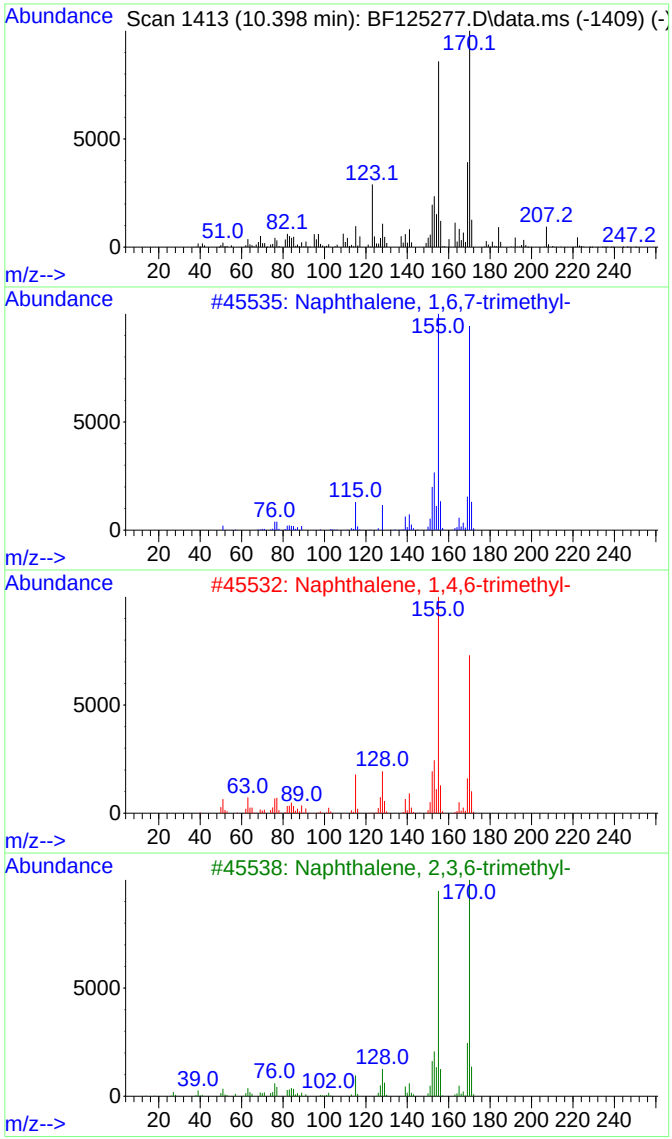
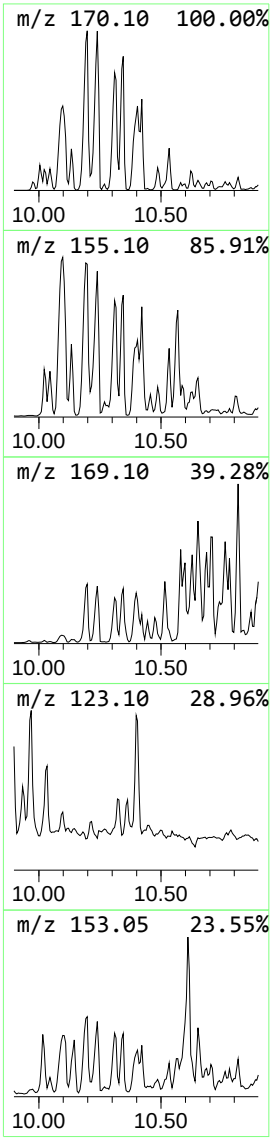
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	21.13 ng	7523200	Acenaphthene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86





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Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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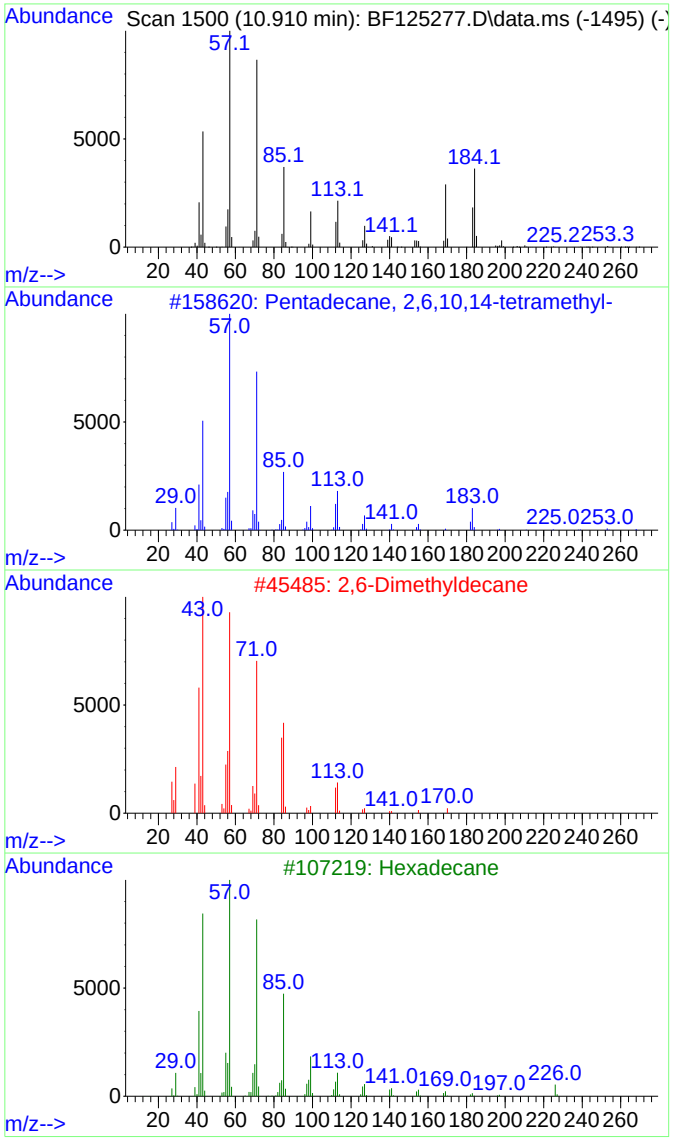
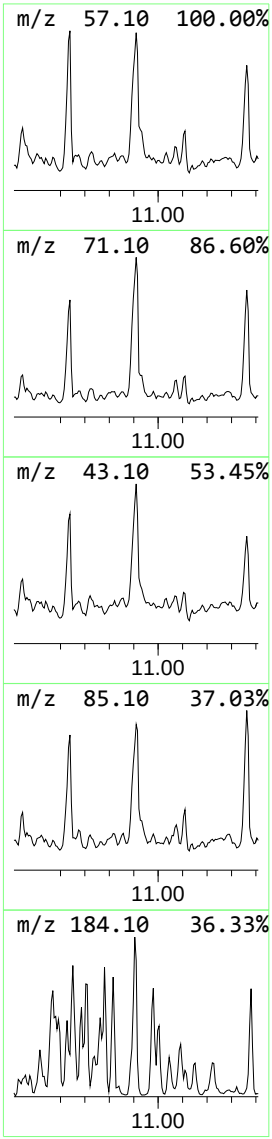
Peak Number 12 unknown10.910 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	102.69 ng	14227300	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	49
3	Hexadecane	226	C16H34	000544-76-3	49
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	49
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46





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Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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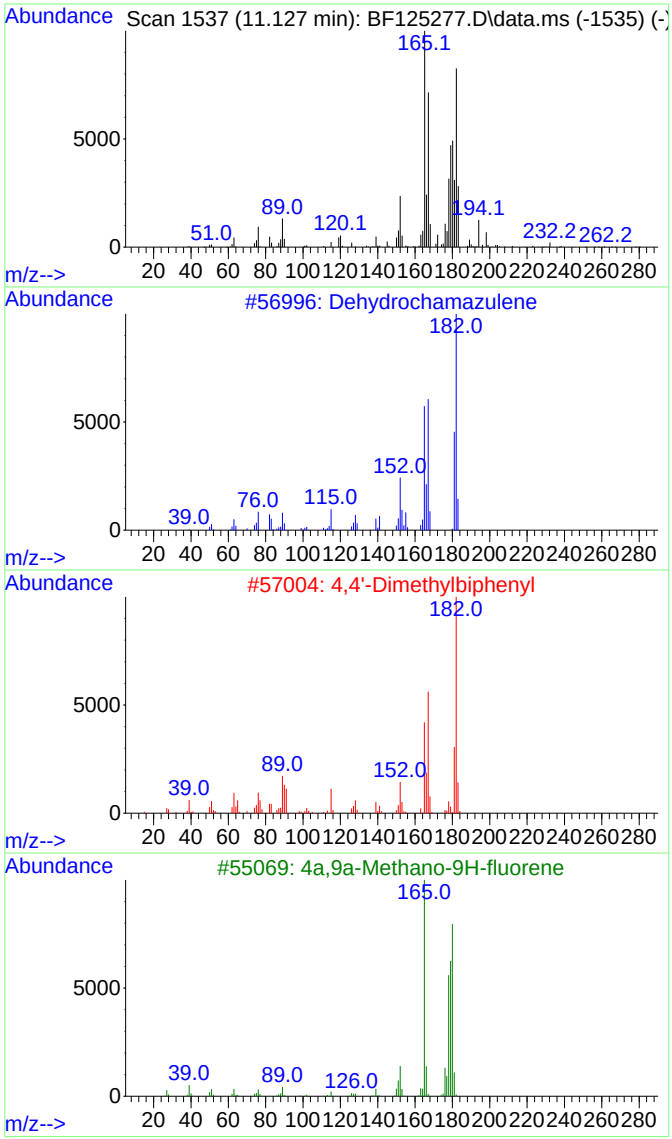
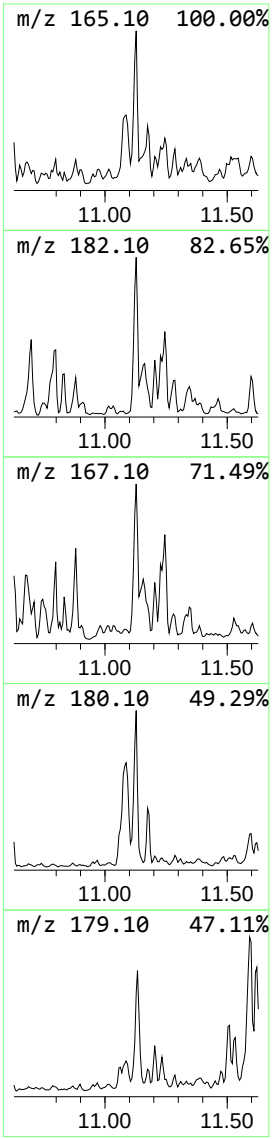
Peak Number 13 Dehydrochamazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	19.58 ng	2712720	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	55
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	46
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	45
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38





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Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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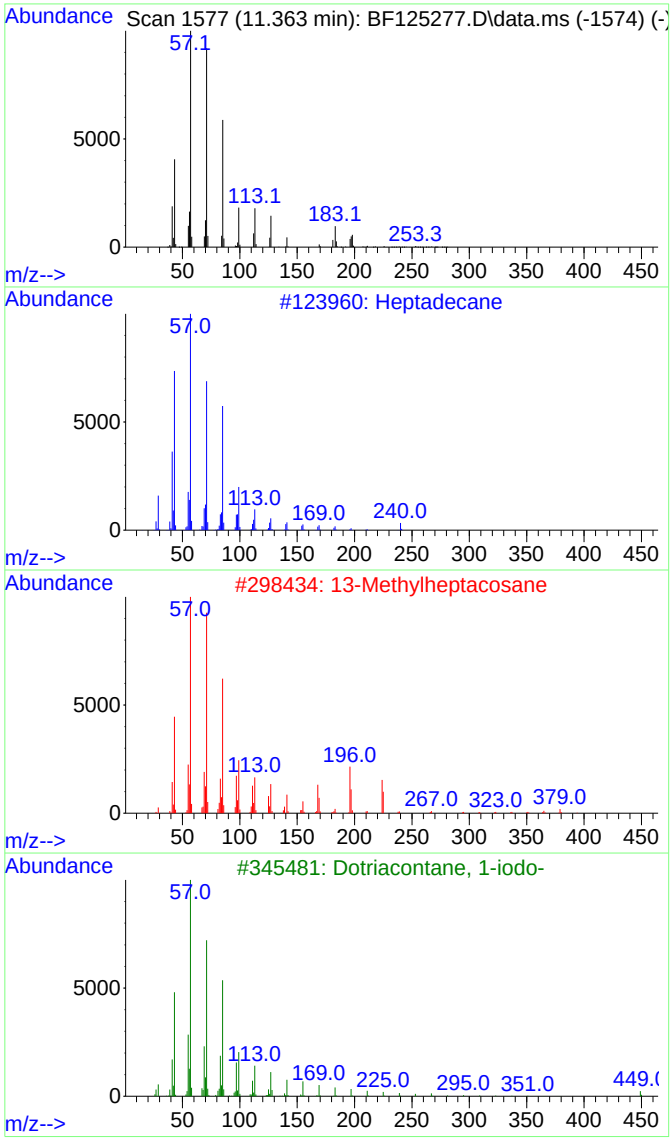
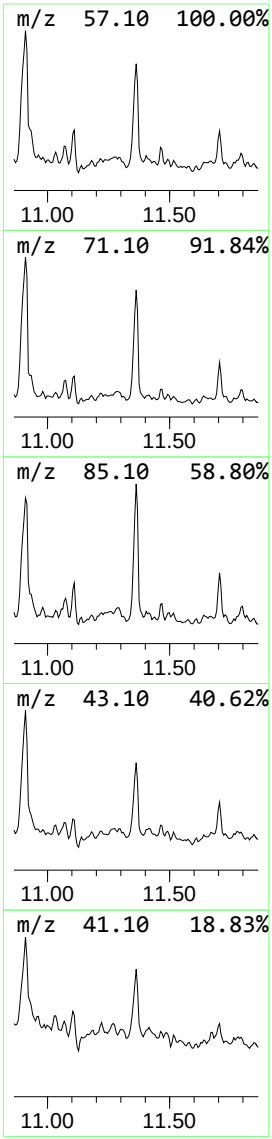
Peak Number 14 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	60.62 ng	8399520	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	13-Methylheptacosane	394	C28H58	015689-72-2	78
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Pentacosane	352	C25H52	000629-99-2	72





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Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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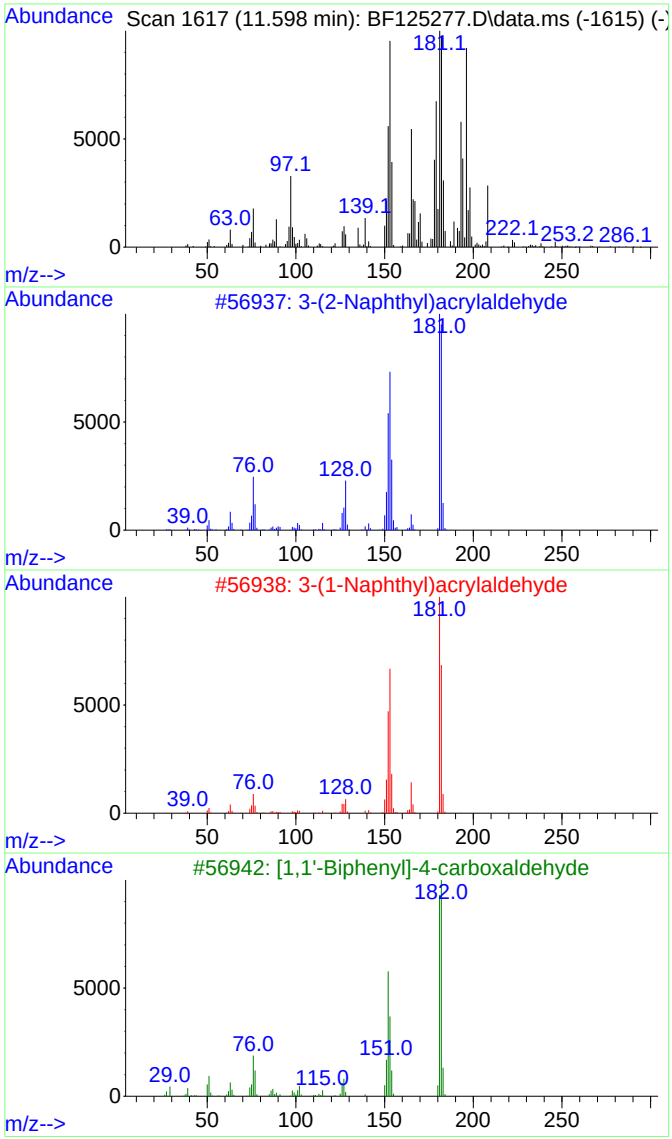
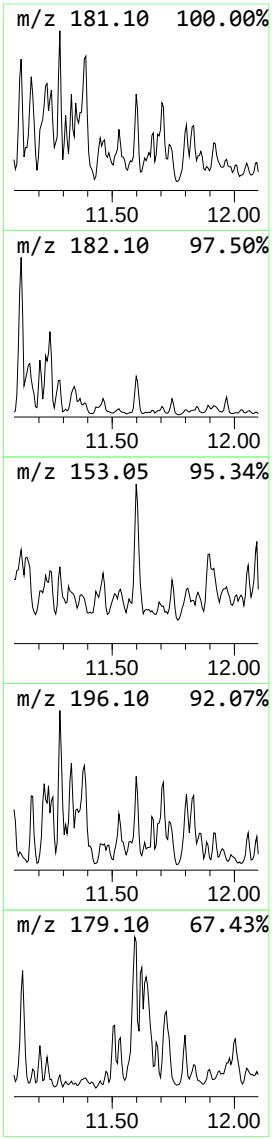
Peak Number 15 unknown11.598 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	20.00 ng	2771010	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	46
2	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	46
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
4	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	38
5	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	38





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Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

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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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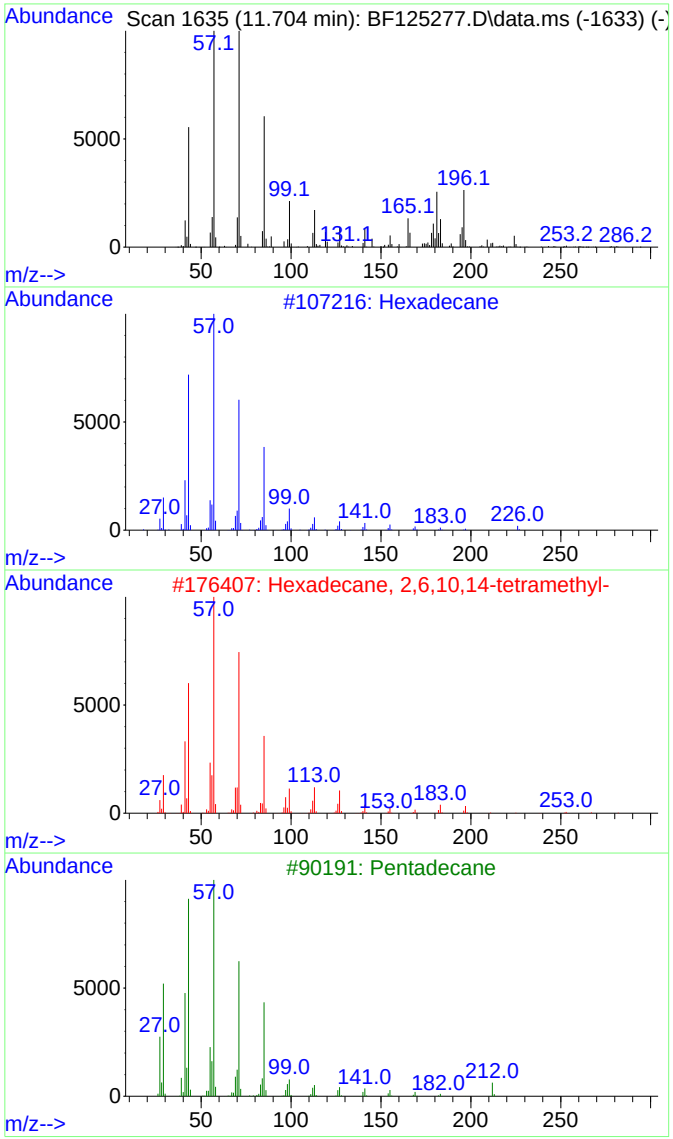
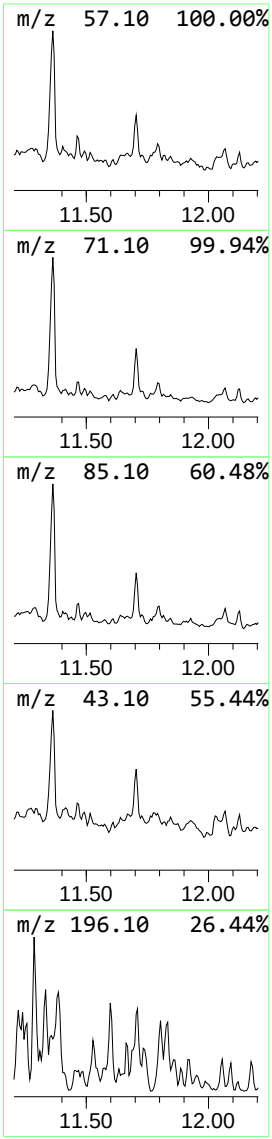
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	41.31 ng	5724120	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Pentadecane	212	C15H32	000629-62-9	53
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	52
5	Octadecane	254	C18H38	000593-45-3	52





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Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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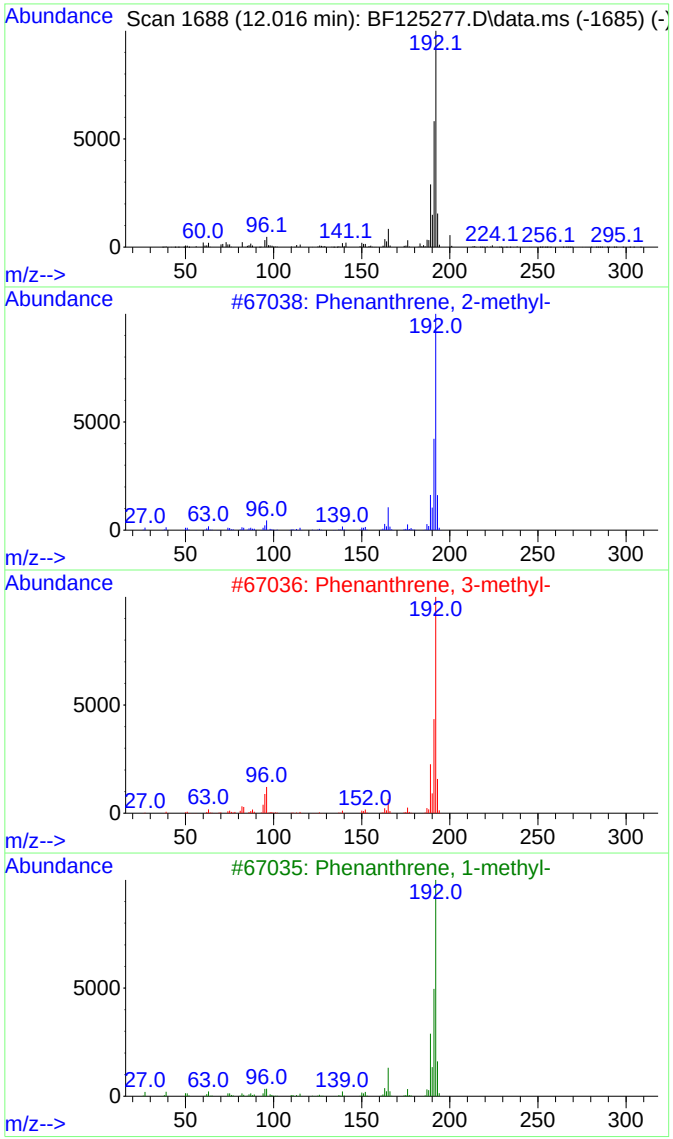
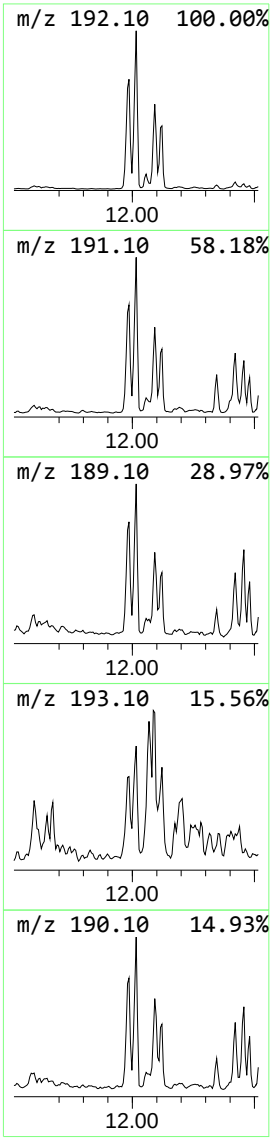
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.015	34.41 ng	4768040	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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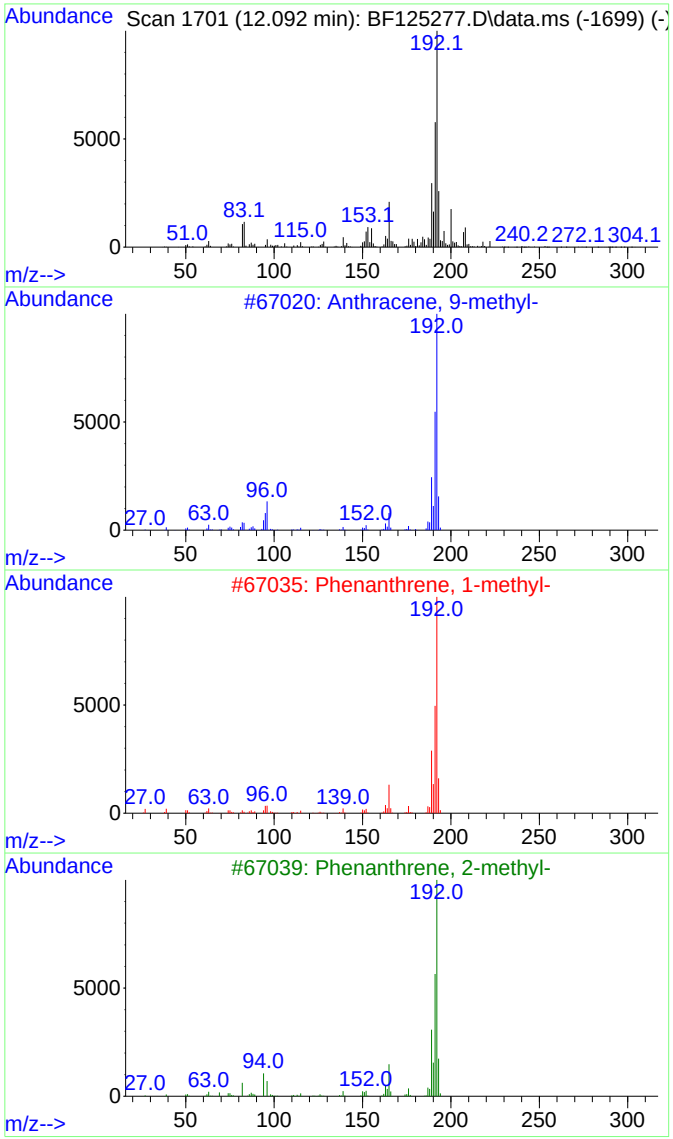
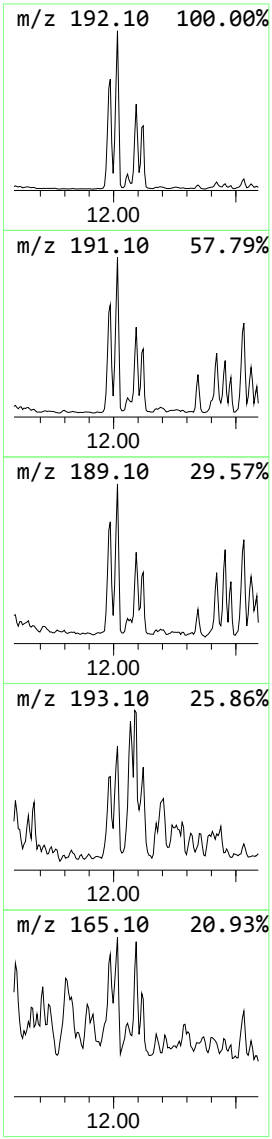
Peak Number 18 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	21.62 ng	2995730	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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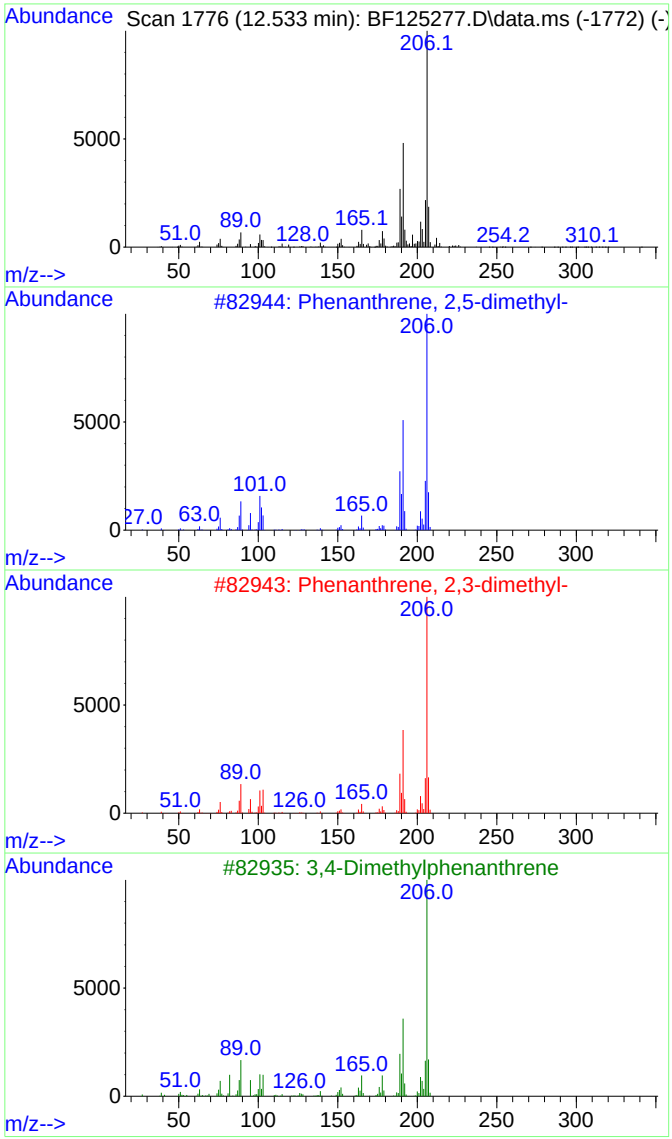
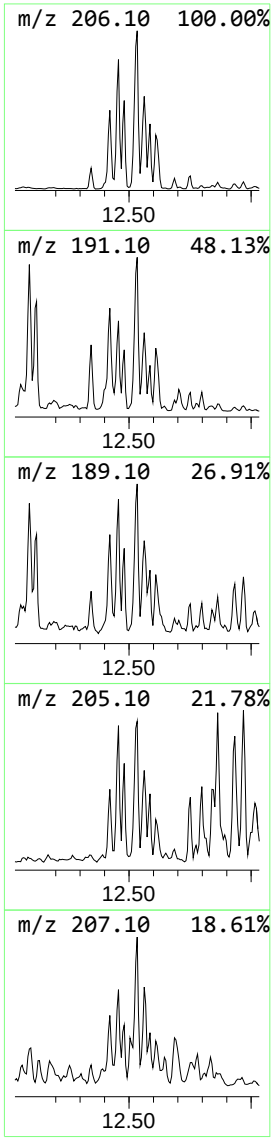
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	25.32 ng	3507540	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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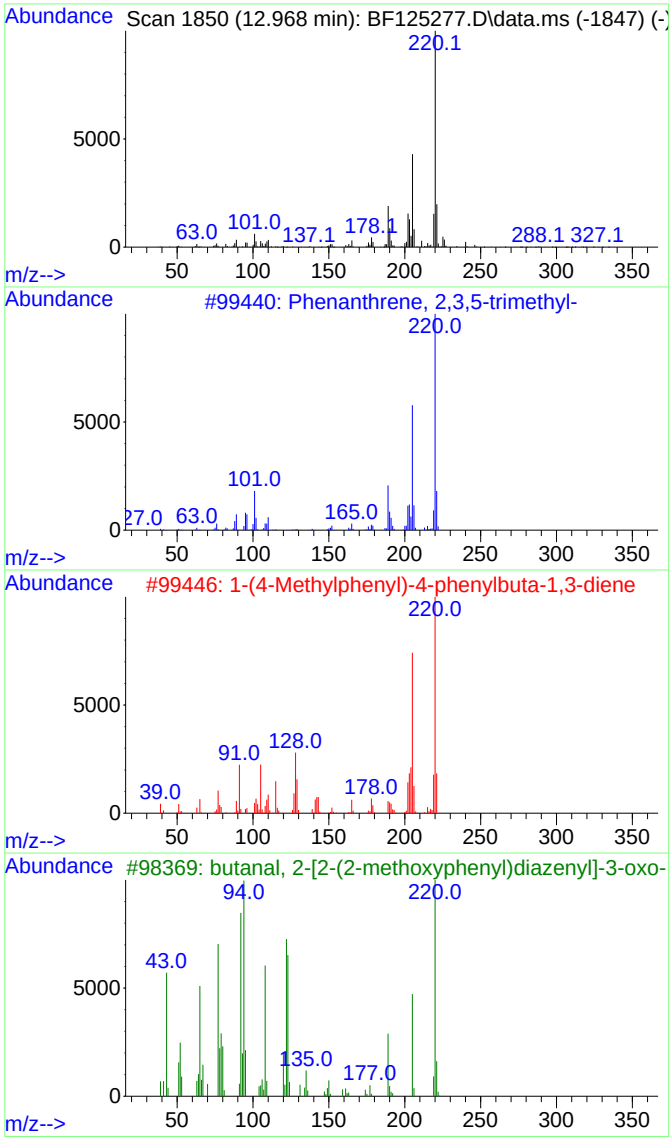
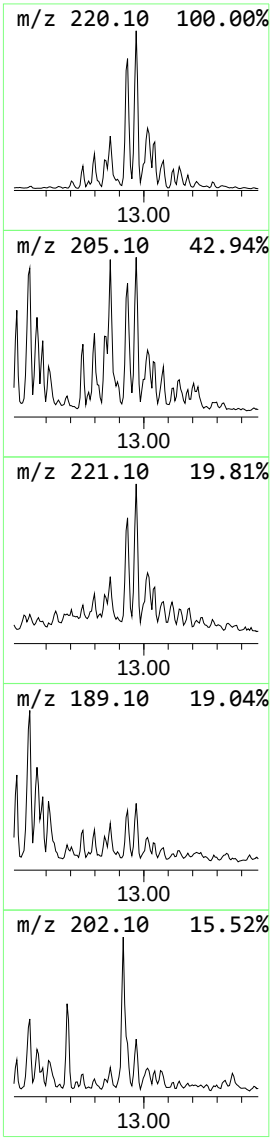
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	35.32 ng	1741260	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	80
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
5	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.181	28.8	ng	4367540	1	6.916	3029340	20.0
Undecane, 2,6-d...	8.269	35.4	ng	8368270	2	8.204	4731050	20.0
unknown8.498	8.498	21.4	ng	5064400	2	8.204	4731050	20.0
Octane, 2,3,7-t...	8.633	41.2	ng	9752510	2	8.204	4731050	20.0
Pentadecane, 2,...	9.239	20.1	ng	7160240	3	9.980	7119340	20.0
Naphthalene, 1,...	9.575	29.3	ng	10432700	3	9.980	7119340	20.0
Naphthalene, 2,...	9.651	31.3	ng	11151500	3	9.980	7119340	20.0
Hexadecane	9.704	20.5	ng	7304540	3	9.980	7119340	20.0
Naphthalene, 2-...	10.092	20.0	ng	7119340	3	9.980	7119340	20.0
Naphthalene, 2,...	10.310	21.3	ng	7585110	3	9.980	7119340	20.0
Naphthalene, 1,...	10.398	21.1	ng	7523200	3	9.980	7119340	20.0
unknown10.910	10.910	102.7	ng	14227300	4	11.480	2771010	20.0
Dehydrochamazulene	11.127	19.6	ng	2712720	4	11.480	2771010	20.0
Heptadecane	11.363	60.6	ng	8399520	4	11.480	2771010	20.0
unknown11.598	11.598	20.0	ng	2771010	4	11.480	2771010	20.0
Hexadecane, 2,6...	11.704	41.3	ng	5724120	4	11.480	2771010	20.0
Phenanthrene, 2...	12.015	34.4	ng	4768040	4	11.480	2771010	20.0
Anthracene, 9-m...	12.092	21.6	ng	2995730	4	11.480	2771010	20.0
Phenanthrene, 2...	12.533	25.3	ng	3507540	4	11.480	2771010	20.0
Phenanthrene, 2...	12.968	35.3	ng	1741260	5	14.104	985899	20.0