LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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: BF125275.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	11	17	24	rVB	2901620	3687311	41.48%	3.568%
2	5.540	582	587	590	rBV	2378907	2308612	25.97%	2.234%
3	6.545	754	758	763	rVB	1615127	1457858	16.40%	1.411%
4	6.916	817	821	824	rBV	1429941	1196171	13.46%	1.158%
5	6.969	827	830	833	rVB2	118020	107714	1.21%	0.104%
6	7.187	864	867	870	rVB2	161155	142744	1.61%	0.138%
7	7.234	871	875	876	rBV	124179	125143	1.41%	0.121%
8	7.310	885	888	891	rBV3	241038	276809	3.11%	0.268%
9	7.445	906	911	913	rBV2	267597	341406	3.84%	0.330%
10	7.481	913	917	920	rVV	3229119	2912999	32.77%	2.819%
11	7.557	925	930	933	rBV4	347659	502084	5.65%	0.486%
12	7.598	933	937	943	rBV5	267882	664022	7.47%	0.643%
13	7.645	943	945	949	rVV4	137513	190051	2.14%	0.184%
14	7.687	949	952	954	rVV2	360203	350321	3.94%	0.339%
15	7.722	954	958	960	rVB2	314261	406646	4.57%	0.394%
16	7.792	966	970	972	rBV3	257338	303779	3.42%	0.294%
17	7.816	972	974	976	rVV	270641	243143	2.74%	0.235%
18	7.840	976	978	981	rVV2	431113	607459	6.83%	0.588%
19	7.869	981	983	987	rVB4	249691	251630	2.83%	0.244%
20	7.910	987	990	991	rBV3	96623	111221	1.25%	0.108%
21	7.934	991	994	996	rBV	588584	529287	5.95%	0.512%
22	8.010	1004	1007	1010	rBV4	308389	377427	4.25%	0.365%
23	8.069	1013	1017	1020	rBV2	499278	588196	6.62%	0.569%
24	8.098	1020	1022	1026	rBV2	1056133	1144988	12.88%	1.108%
25	8.145	1026	1030	1032	rVV4	293795	447063	5.03%	0.433%
26	8.198	1034	1039	1042	rVV2	1875090	2340408	26.33%	2.265%
27	8.251	1045	1048	1051	rVB2	1762888	1695276	19.07%	1.641%
28	8.281	1051	1053	1061	rBV5	743700	1250114	14.06%	1.210%
29	8.351	1061	1065	1066	rBV3	565659	647699	7.29%	0.627%
30	8.369	1066	1068	1070	rVB3	223882	195761	2.20%	0.189%
31	8.398	1070	1073	1075	rBV2	697493	668438	7.52%	0.647%
32	8.445	1079	1081	1082	rBV2	237539	180179	2.03%	0.174%
33	8.487	1085	1088	1092	rVB6	672052	879372	9.89%	0.851%
34	8.539	1095	1097	1101	rBV4	432194	510725	5.75%	0.494%
35	8.581	1102	1104	1107	rVV4	544193	552078	6.21%	0.534%
36	8.616	1107	1110	1112	rVV	2816511	2197052	24.72%	2.126%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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	8.639	1112	1114	1115	rVV2	763677	671232	7.55%	0.650%
38	8.663	1115	1118	1122	rVB4	805892	972983	10.95%	0.942%
39	8.704	1122	1125	1127	rBV2	711450	562207	6.32%	0.544%
40	8.739	1127	1131	1133	rBV3	884998	992133	11.16%	0.960%
41	8.792	1137	1140	1142	rBV4	587104	737533	8.30%	0.714%
42	8.828	1143	1146	1148	rVV2	671591	1034449	11.64%	1.001%
43	8.881	1152	1155	1158	rVB2	1017225	1309181	14.73%	1.267%
44	8.945	1164	1166	1168	rVB3	743708	541435	6.09%	0.524%
45	8.975	1168	1171	1173	rBV2	702630	752163	8.46%	0.728%
46	9.022	1177	1179	1181	rVB2	505285	365260	4.11%	0.353%
47	9.104	1191	1193	1197	rVB4	826725	843285	9.49%	0.816%
48	9.192	1206	1208	1210	rBV2	628447	665045	7.48%	0.644%
49	9.216	1210	1212	1218	rVB	3866228	3448760	38.80%	3.338%
50	9.275	1218	1222	1226	rVB	4690155	4521334	50.86%	4.375%
51	9.357	1232	1236	1240	rBV4	2046909	2651678	29.83%	2.566%
52	9.392	1240	1242	1244	rBV2	1123596	1009117	11.35%	0.977%
53	9.539	1265	1267	1270	rVB2	649811	544649	6.13%	0.527%
54	9.610	1277	1279	1282	rBV3	752029	936492	10.54%	0.906%
55	9.675	1286	1290	1293	rBV2	5262205	6308228	70.96%	6.105%
56	9.704	1293	1295	1297	rBV2	427062	346608	3.90%	0.335%
57	9.828	1312	1316	1318	rBV3	1720431	1802126	20.27%	1.744%
58	9.869	1320	1323	1326	rVB2	2716034	2700906	30.38%	2.614%
59	10.145	1368	1370	1371	rBV	735077	555168	6.25%	0.537%
60	10.204	1378	1380	1389	rVB4	2200498	2406820	27.08%	2.329%
61	10.281	1390	1393	1395	rBV3	1695732	1801217	20.26%	1.743%
62	10.369	1405	1408	1410	rBV4	1344893	1319068	14.84%	1.277%
63	10.581	1442	1444	1445	rBV	1296210	1013915	11.41%	0.981%
64	10.604	1445	1448	1453	rVB	3977565	4670746	52.54%	4.520%
65	10.757	1471	1474	1477	rBV3	2191397	1961164	22.06%	1.898%
66	10.875	1490	1494	1501	rVB	7358483	8889285	100.00%	8.603%
67	11.339	1569	1573	1578	rVB	3927674	4607519	51.83%	4.459%
68	11.451	1590	1592	1595	rVB	1127253	909987	10.24%	0.881%
69	11.569	1609	1612	1617	rVB2	1770402	1973977	22.21%	1.910%
70	11.680	1629	1631	1634	rBV2	1190213	1049491	11.81%	1.016%
71	12.145	1708	1710	1713	rBV2	484390	417502	4.70%	0.404%
72	12.375	1747	1749	1751	rBV2	420088	352965	3.97%	0.342%
73	12.498	1768	1770	1773	rVB	694485	661049	7.44%	0.640%
74	12.945	1844	1846	1850	rVB	614523	585456	6.59%	0.567%
75	13.033	1857	1861	1864	rVB	3899401	3492649	39.29%	3.380%
76	13.916	2009	2011	2018	rVB	238523	281294	3.16%	0.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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

77	14.086	2037	2040	2043	rVB	1316047	1066540	12.00%	1.032%
78	15.586	2291	2295	2301	rVB	948354	1209331	13.60%	1.170%

Sum of corrected areas: 103333133

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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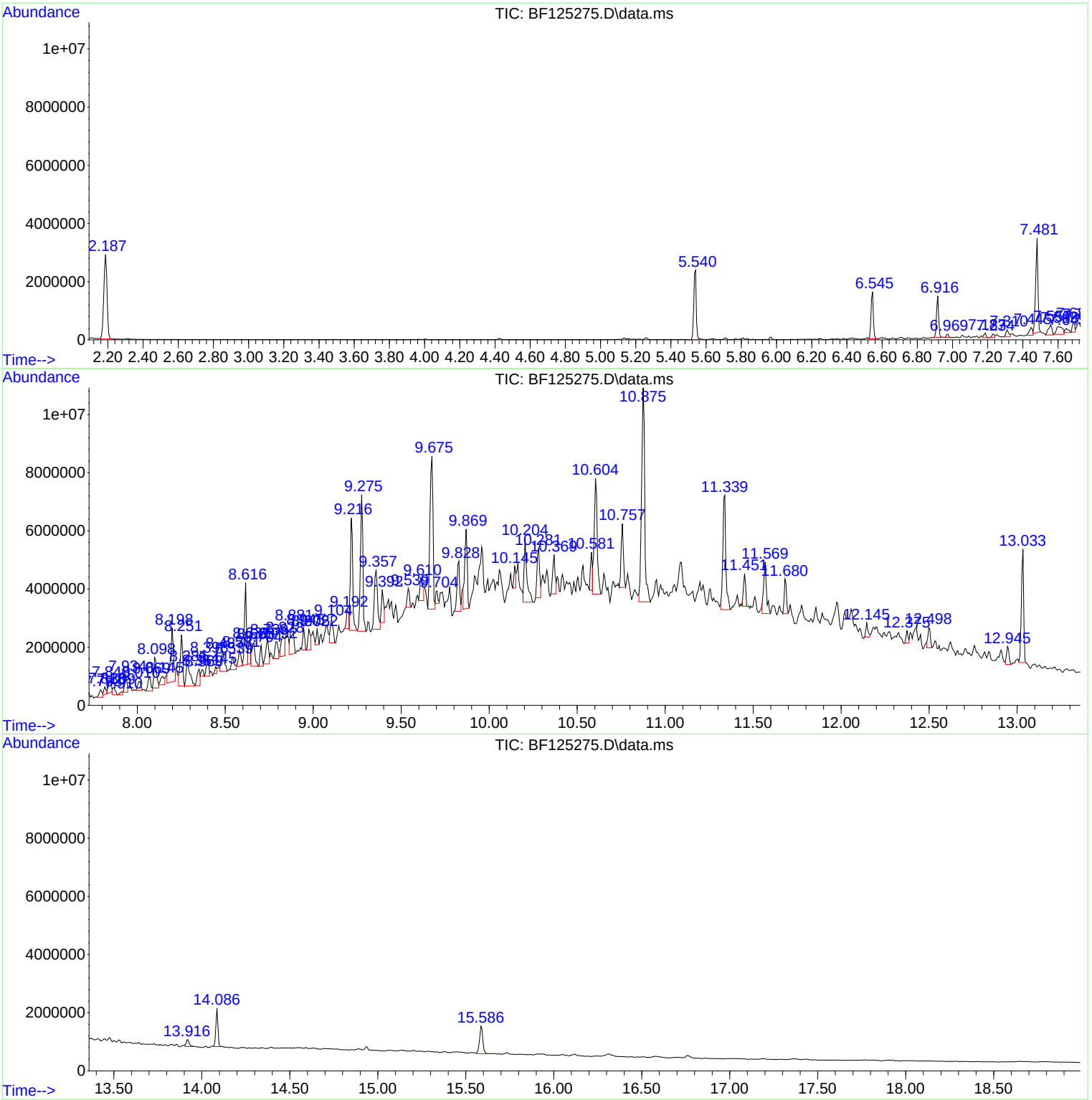
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE4-9

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 : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

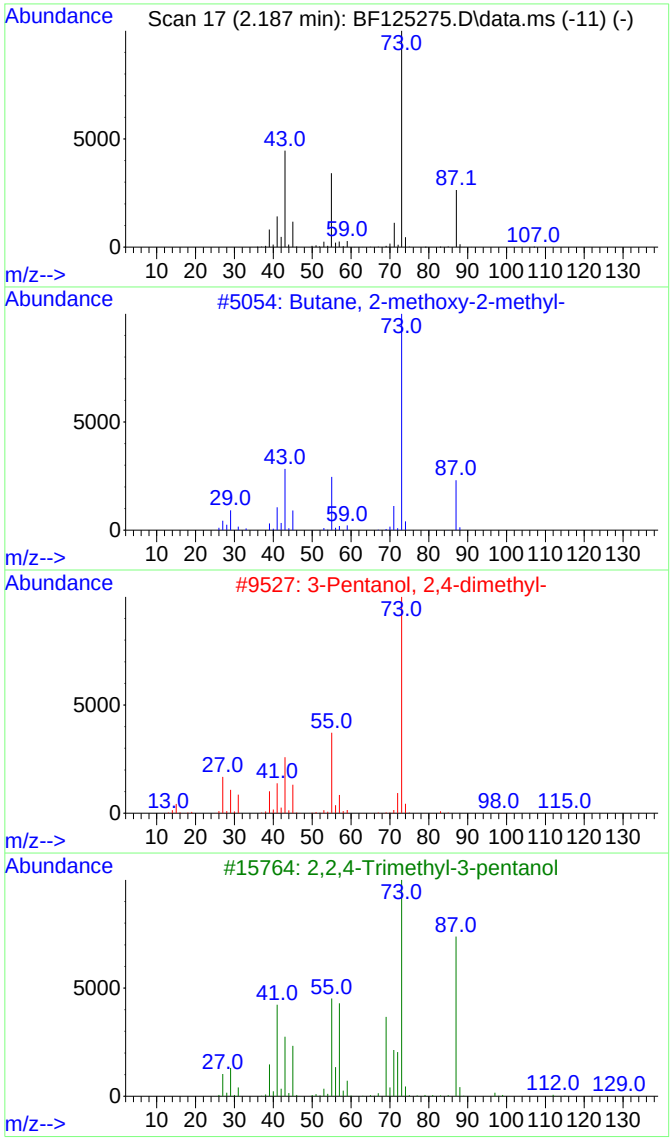
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

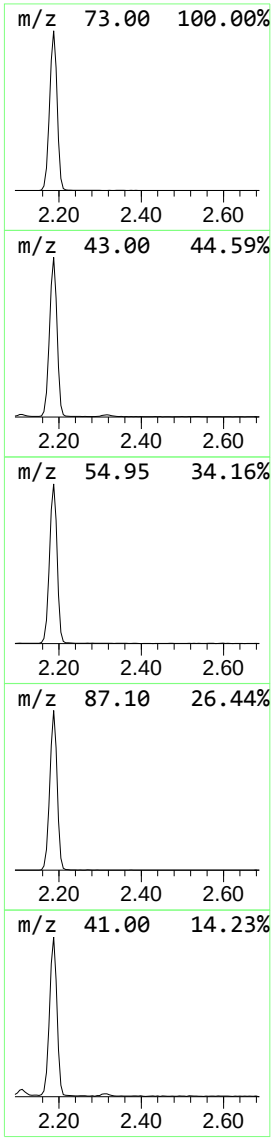
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	61.65 ng	3687310	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	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

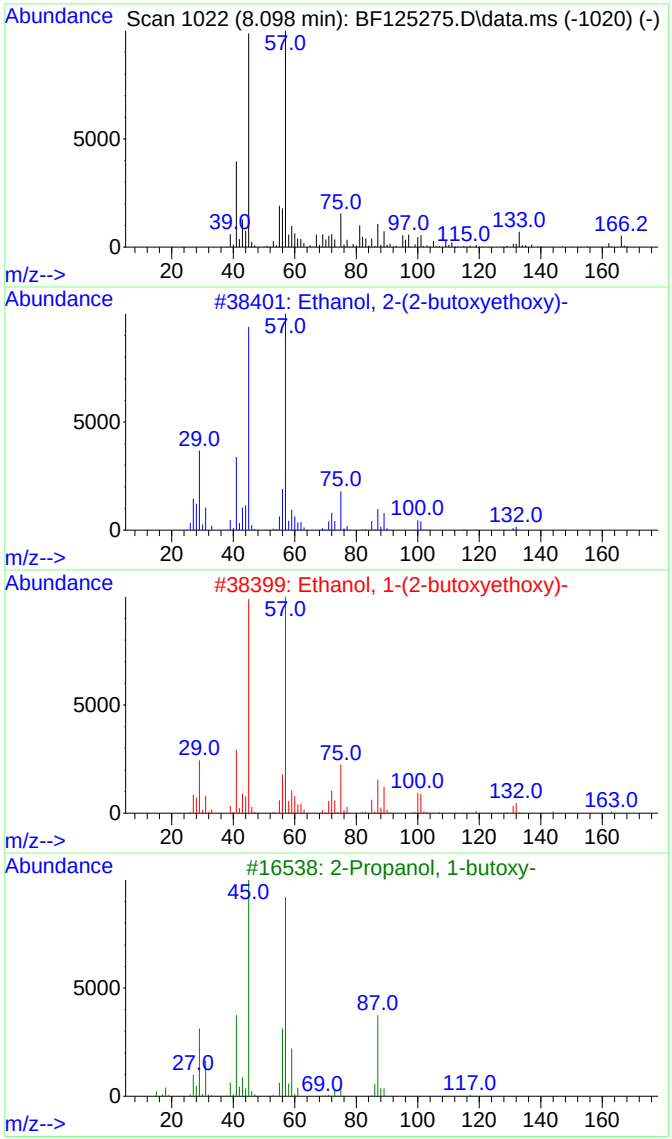
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

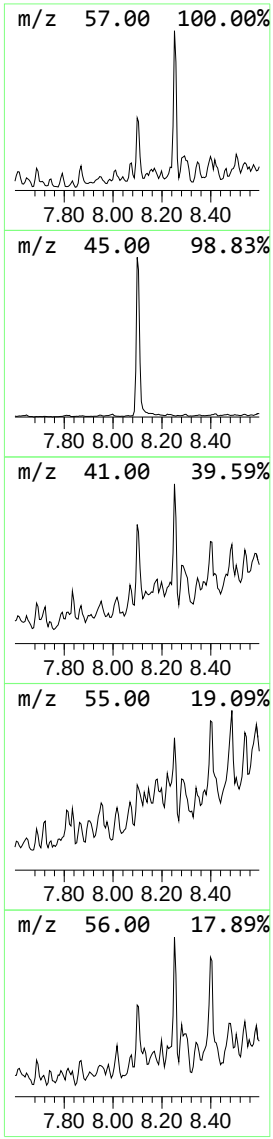
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	9.78 ng	1144990	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	64
3	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	53
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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

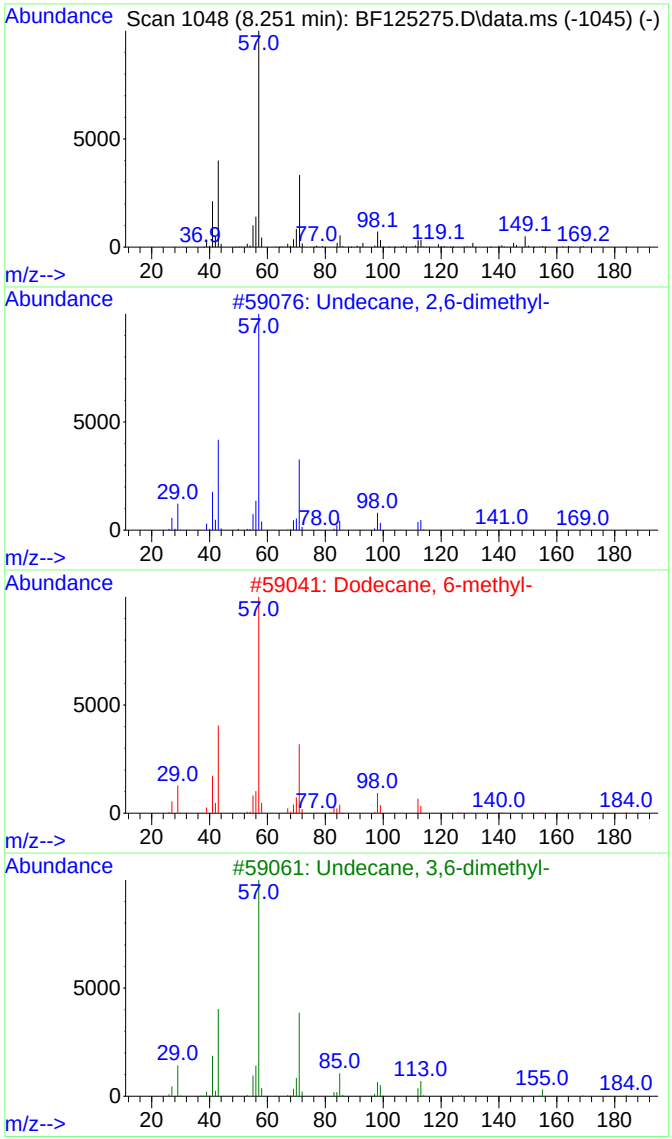
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

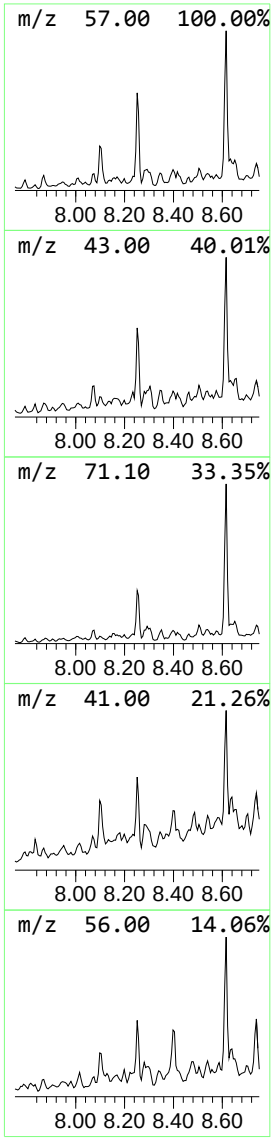
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	14.49 ng	1695280	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
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Operator : JU/CG
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE4-9

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

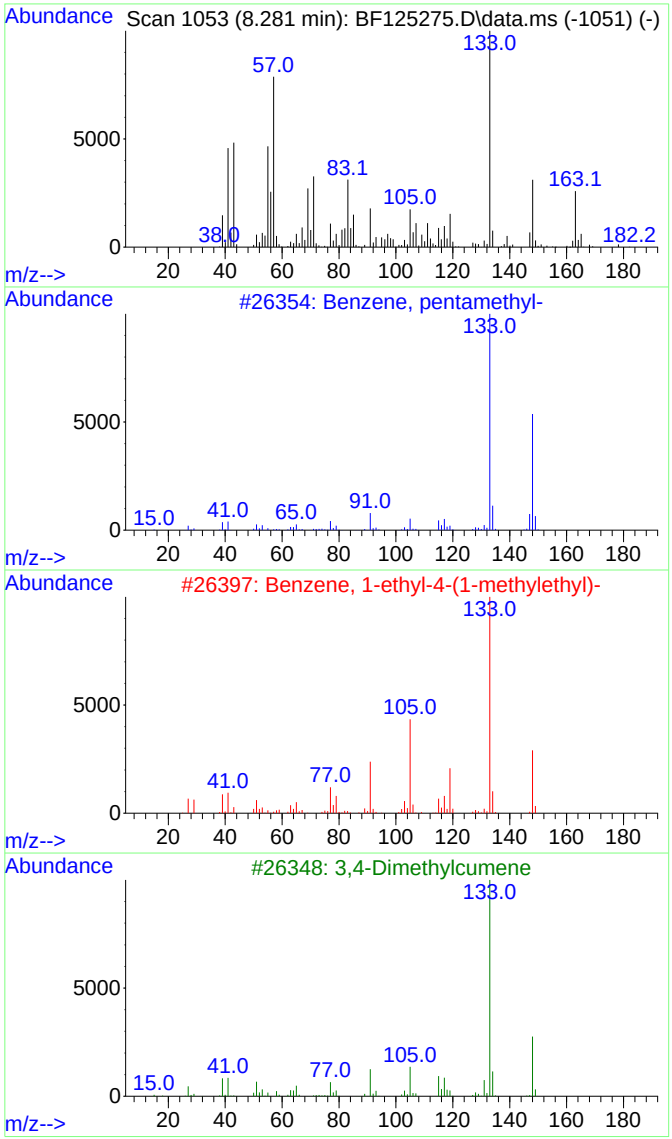
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

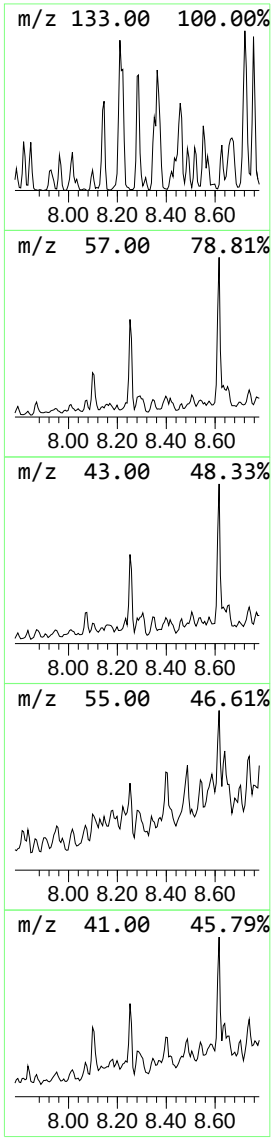
****

Peak Number 4 Benzene, pentamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	10.68 ng	1250110	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	49
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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

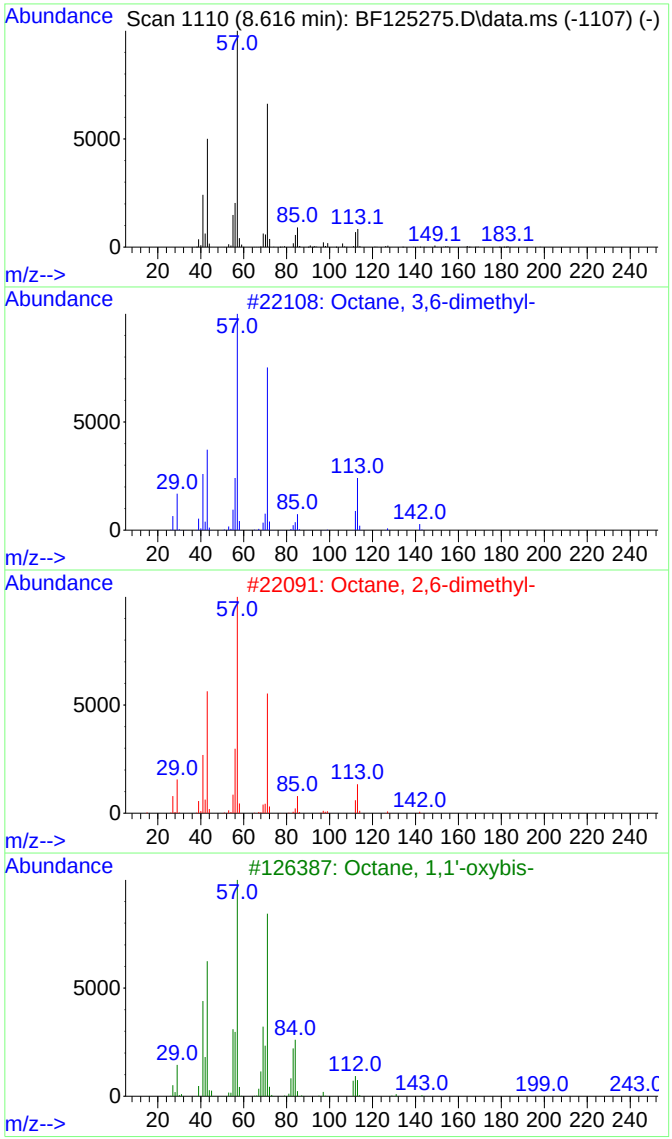
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

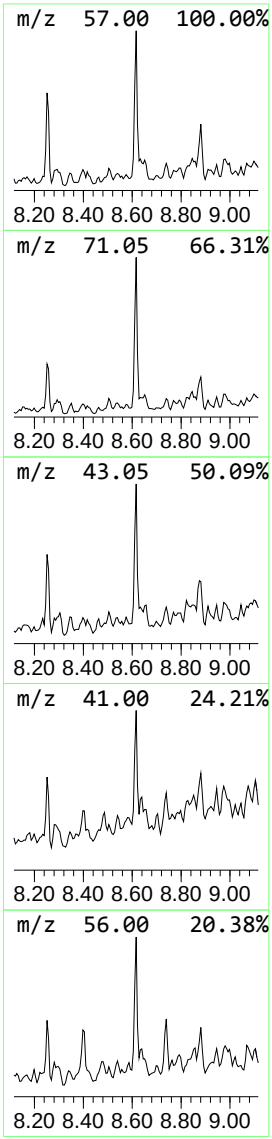
****

Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	18.77 ng	2197050	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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

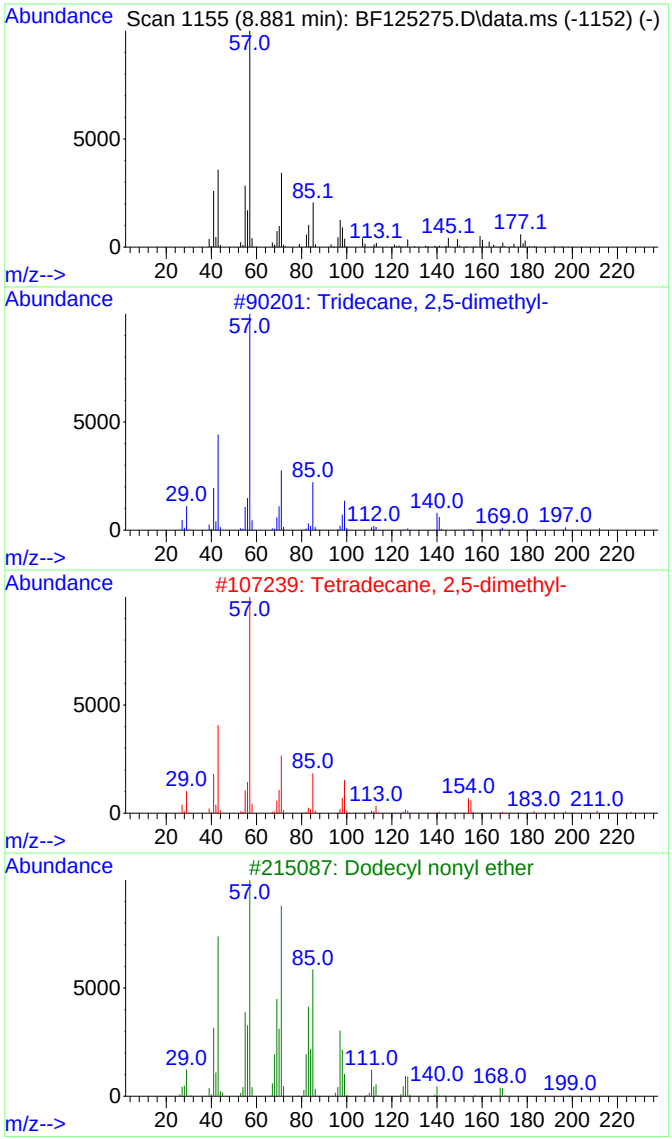
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

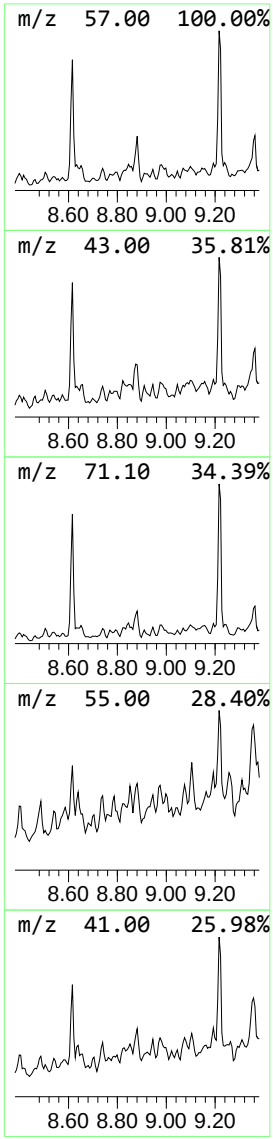
****

Peak Number 6 Tridecane, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.881	11.19 ng	1309180	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
2	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	53
3	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	50
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	50





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Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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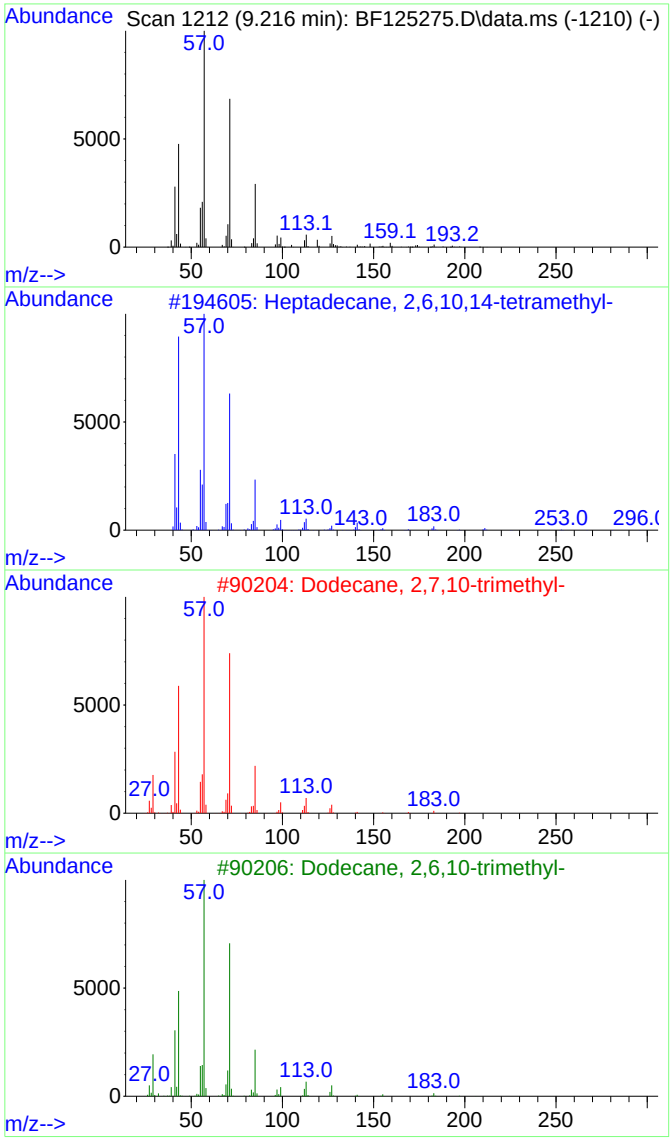
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

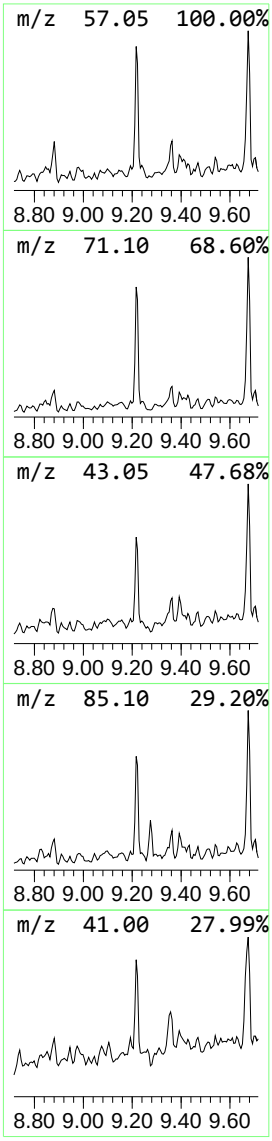
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	25.54 ng	3448760	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Hexadecane	226	C16H34	000544-76-3	59
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59





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Operator : JU/CG
Sample : M3561-16
Misc :
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Instrument : BNA_F
ClientSampleId : VE4-9

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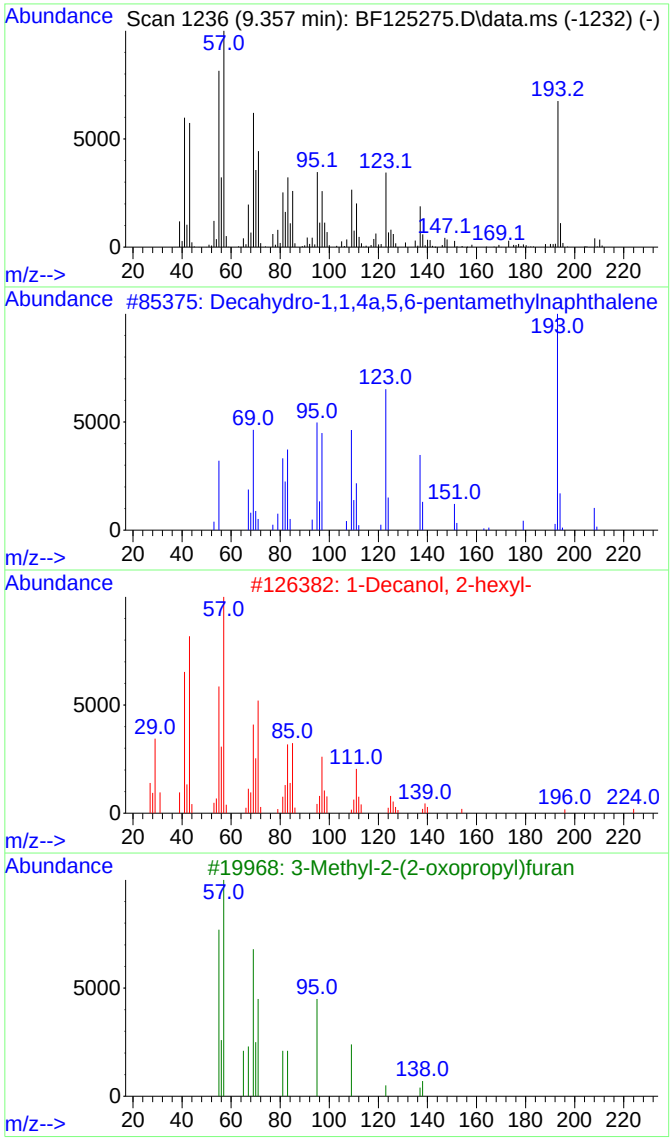
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

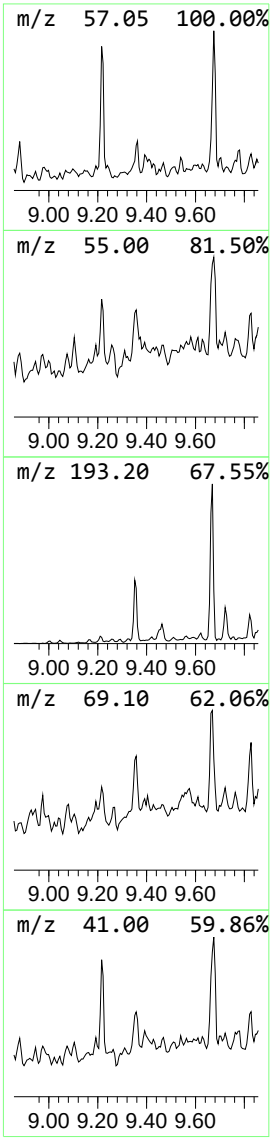
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	19.64 ng	2651680	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	78
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	41
3	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	38
4	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	35
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	35





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Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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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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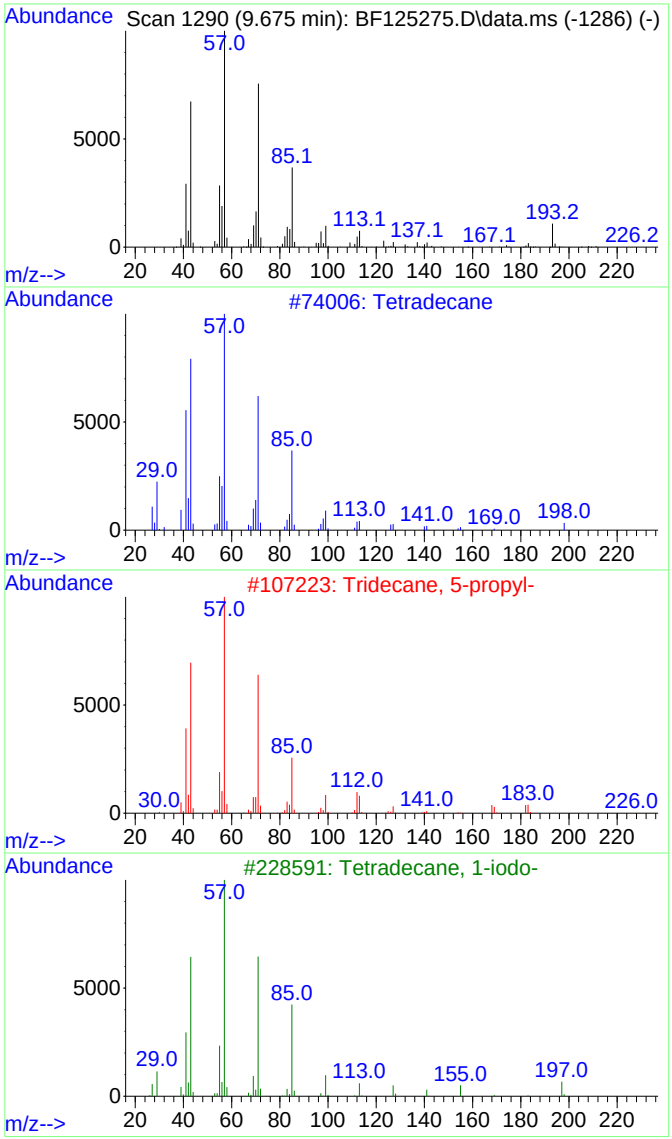
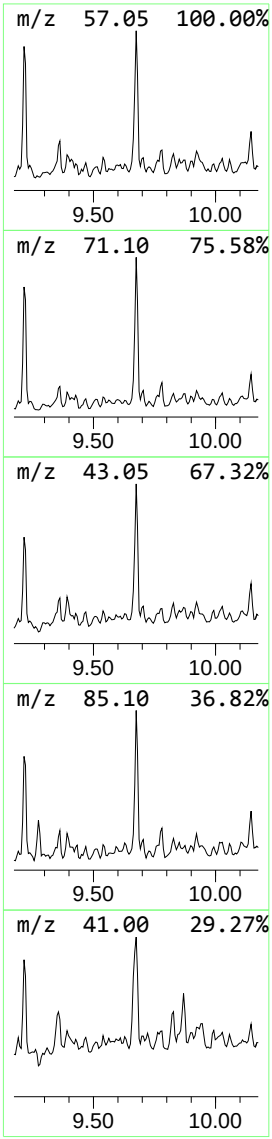
Peak Number 9 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	46.71 ng	6308230	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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

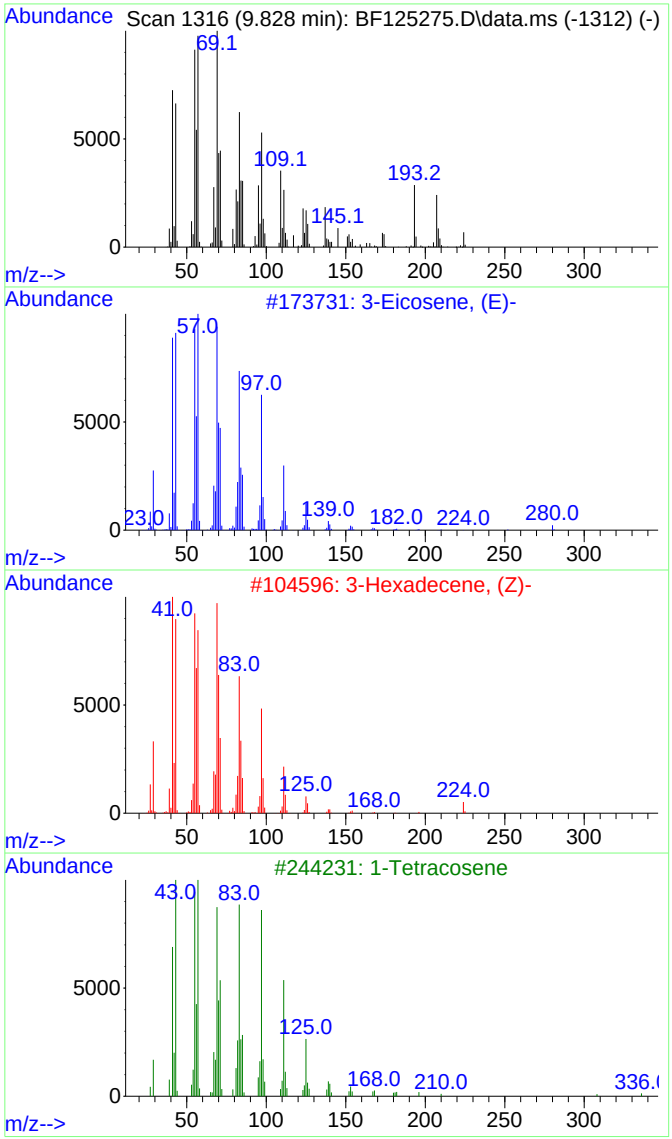
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

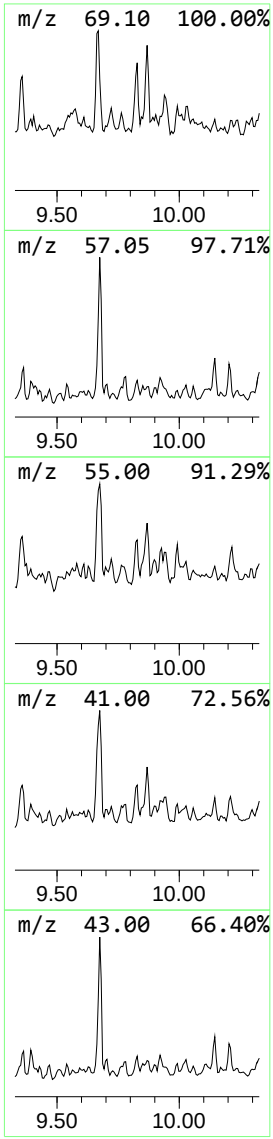
****

Peak Number 10 3-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	13.34 ng	1802130	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	70
3	1-Tetracosene	336	C24H48	010192-32-2	62
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	62
5	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

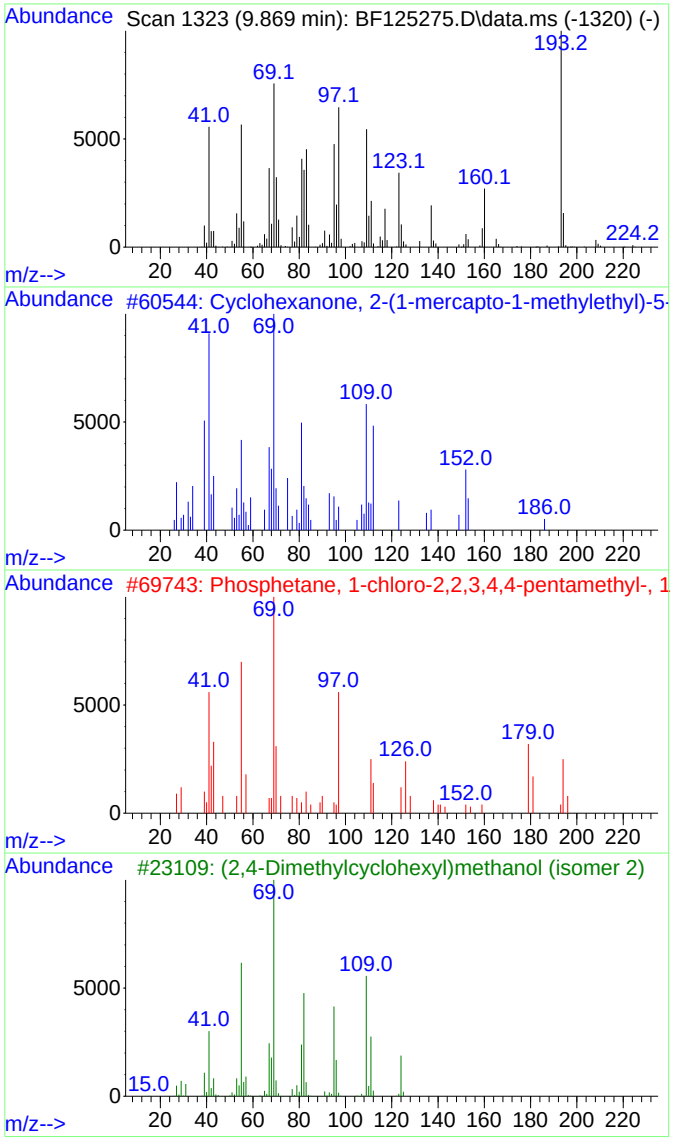
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

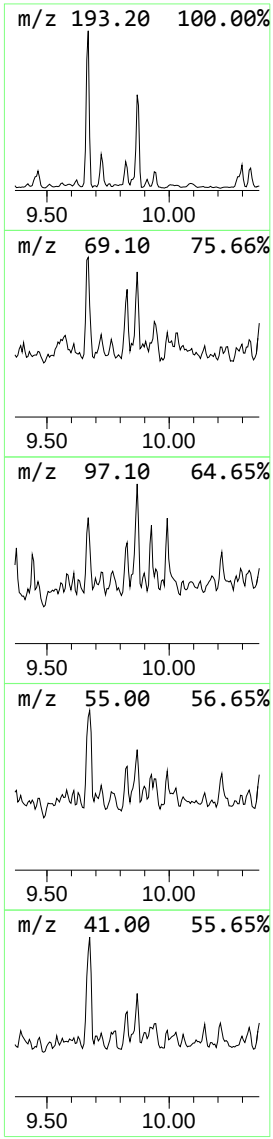
****

Peak Number 11 unknown9.869 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.869	20.00 ng	2700910	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	35
2	Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	22
3	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	22
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	18
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	18





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Sample : M3561-16
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Instrument : BNA_F
ClientSampleId : VE4-9

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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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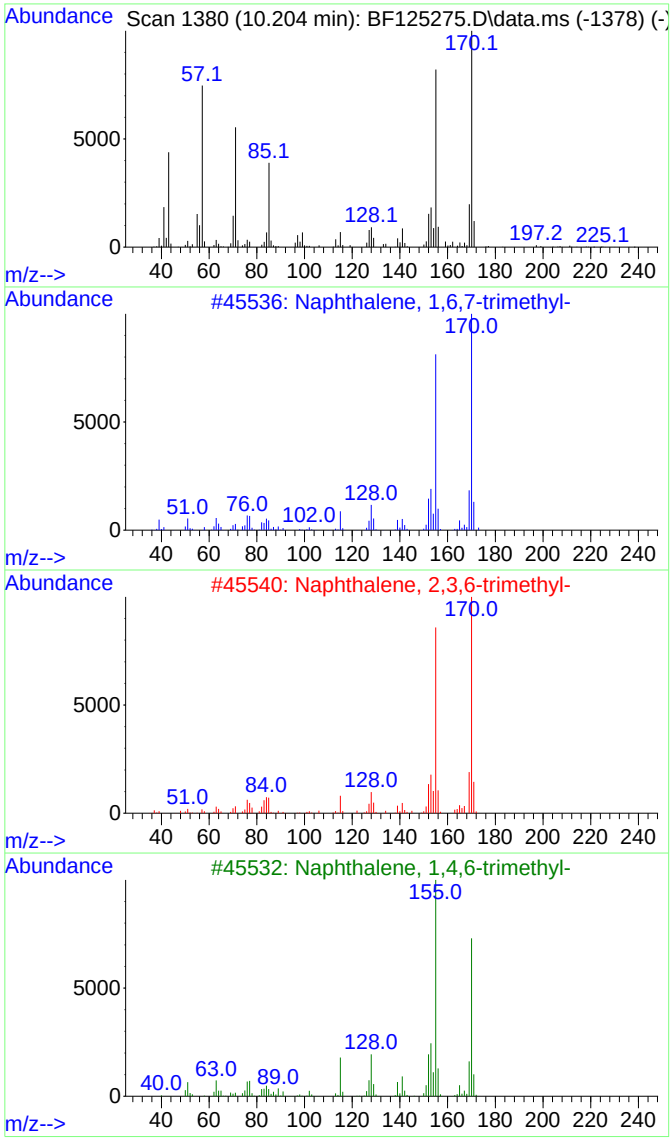
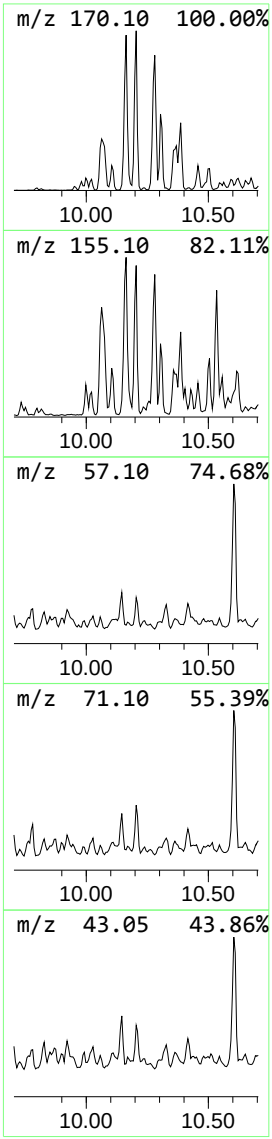
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	17.82 ng	2406820	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	62





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Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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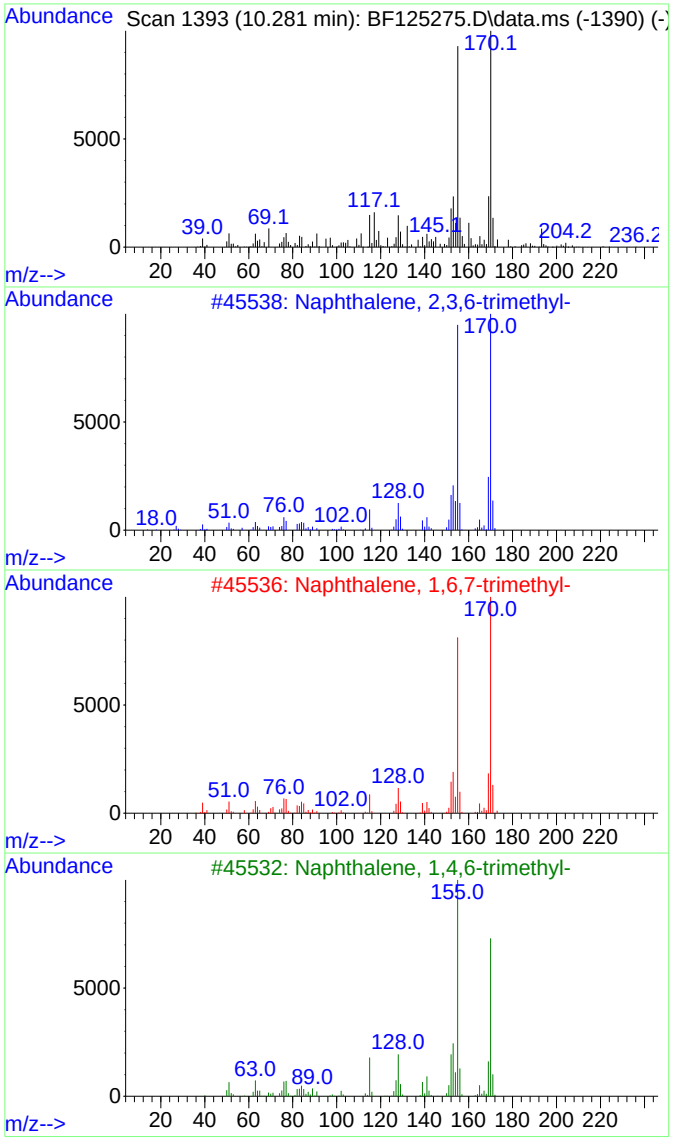
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

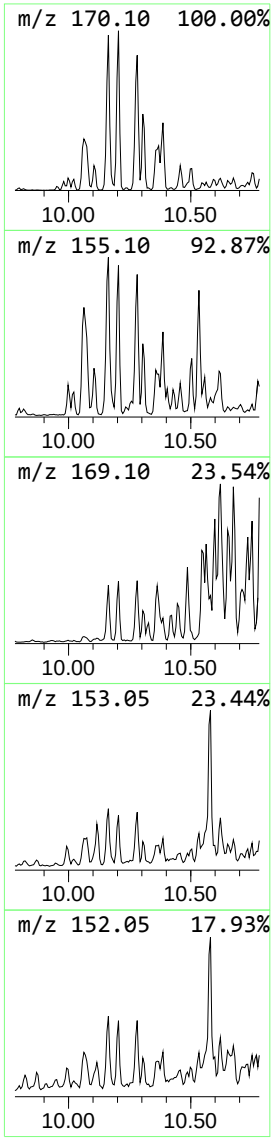
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	13.34 ng	1801220	Acenaphthene-d10	9.963

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	97
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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Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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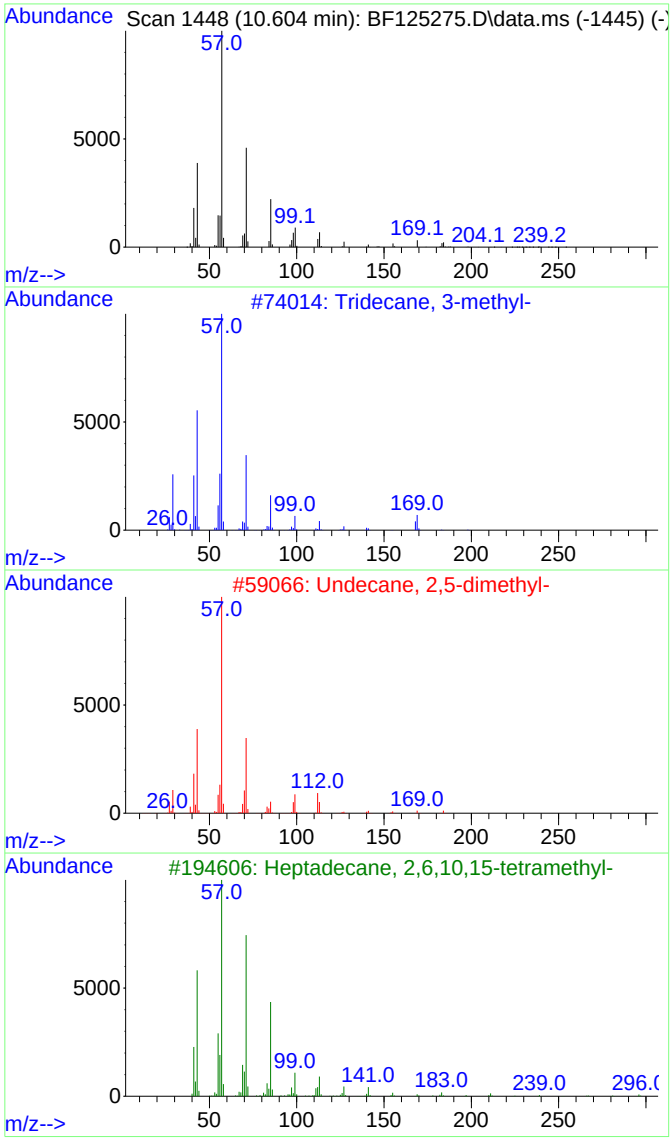
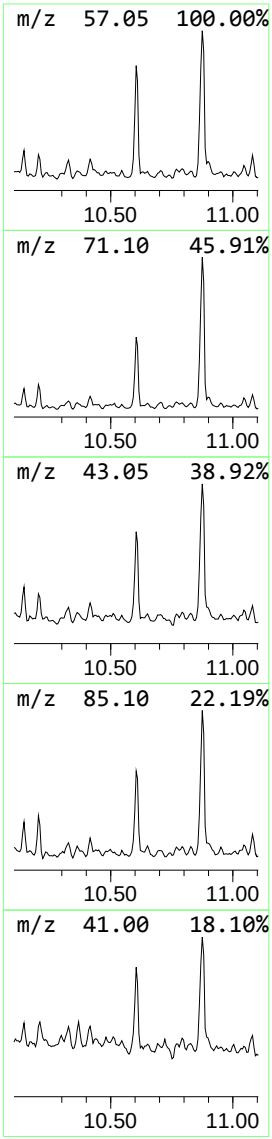
Peak Number 14 Tridecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	34.59 ng	4670750	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5	Heptacosane	380	C27H56	000593-49-7	72





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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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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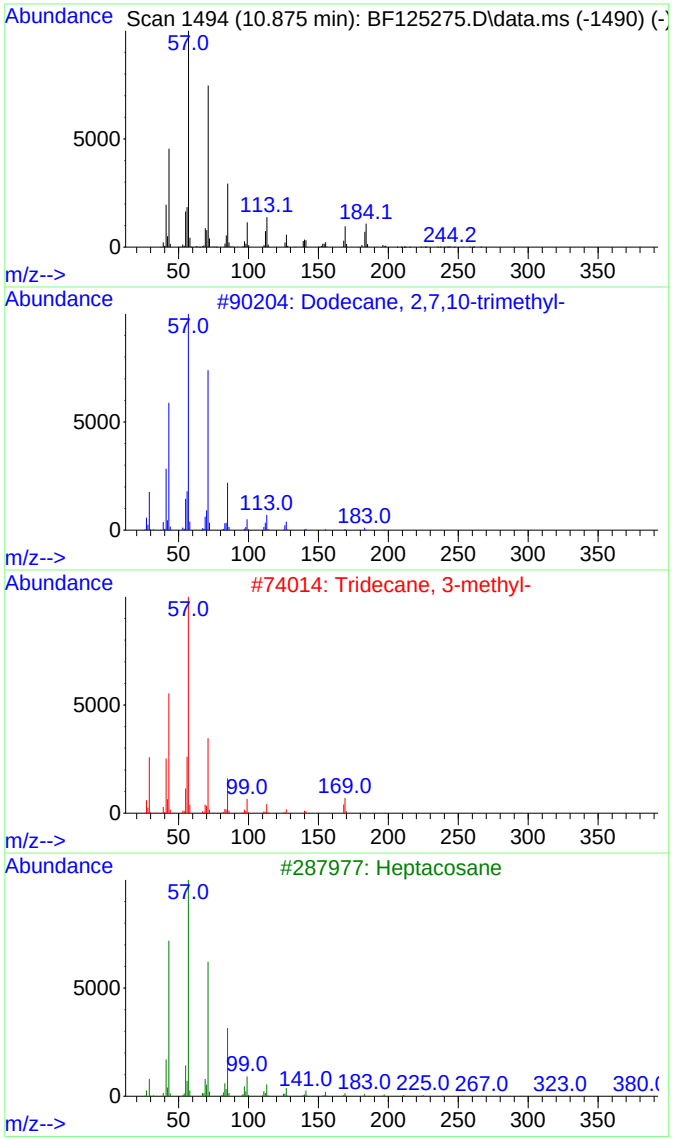
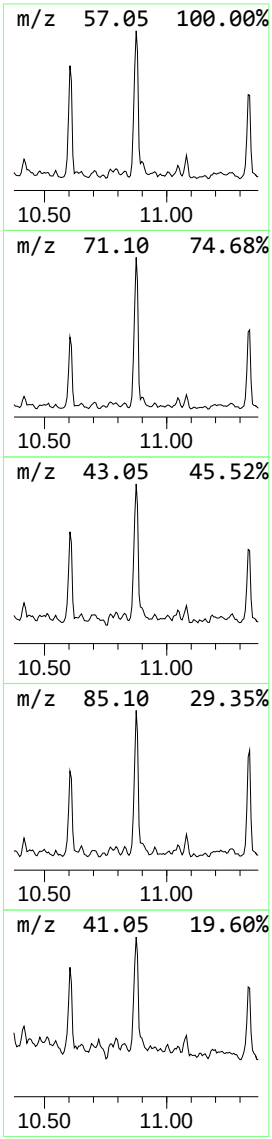
Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	195.37 ng	8889290	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tridecane	184	C13H28	000629-50-5	58
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	58





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ClientSampleId : VE4-9

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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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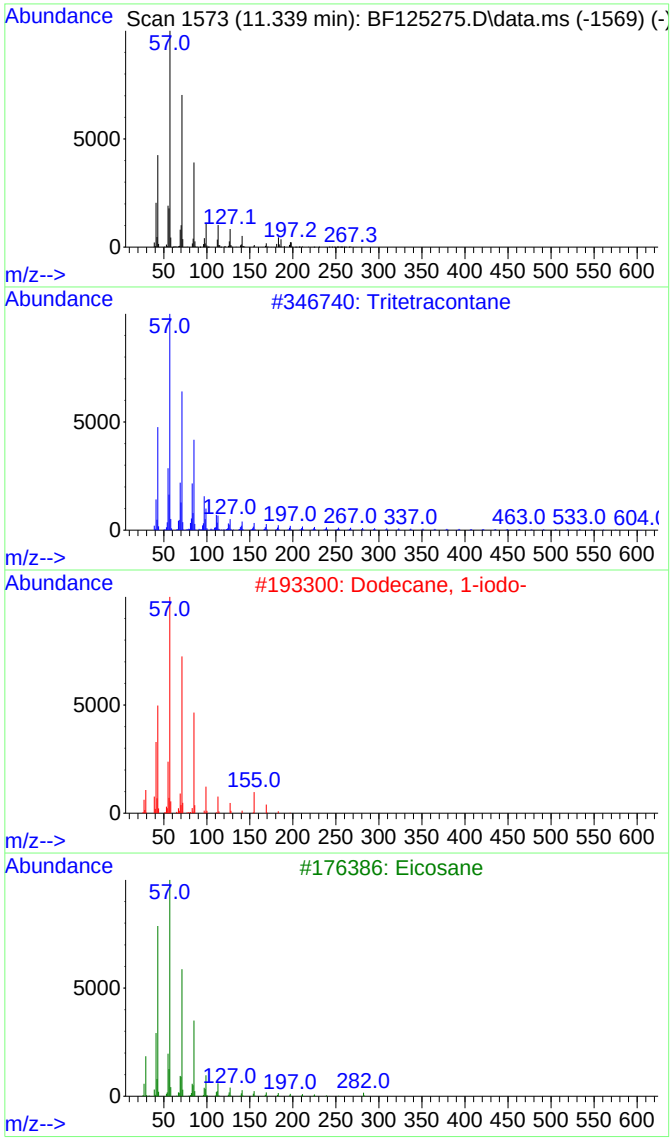
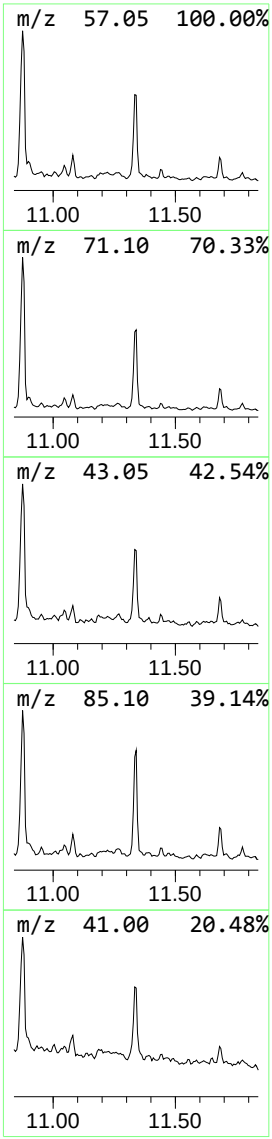
Peak Number 16 Tritetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	101.27 ng	4607520	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Eicosane	282	C20H42	000112-95-8	78
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	74
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72





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ClientSampleId : VE4-9

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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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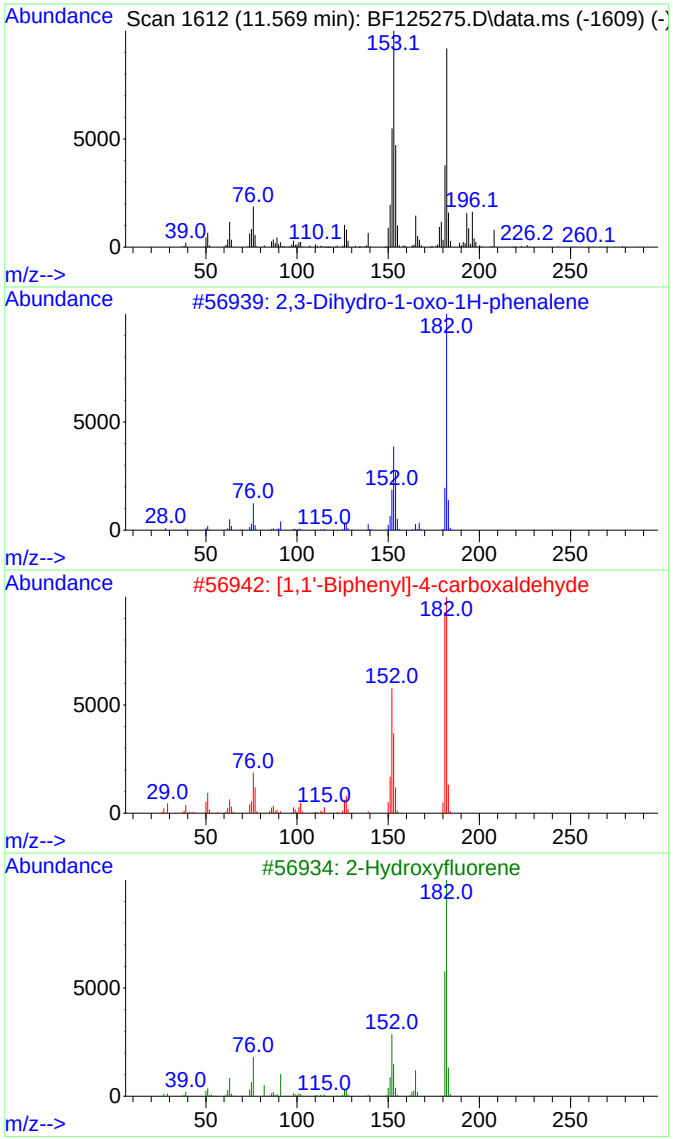
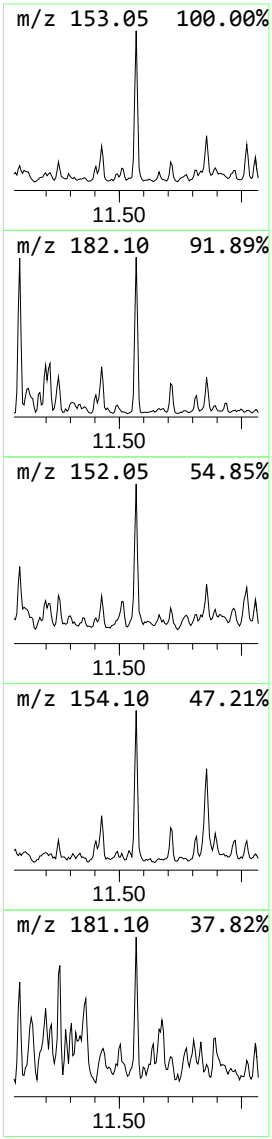
Peak Number 17 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	43.38 ng	1973980	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	68
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	45
5	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	43





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Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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

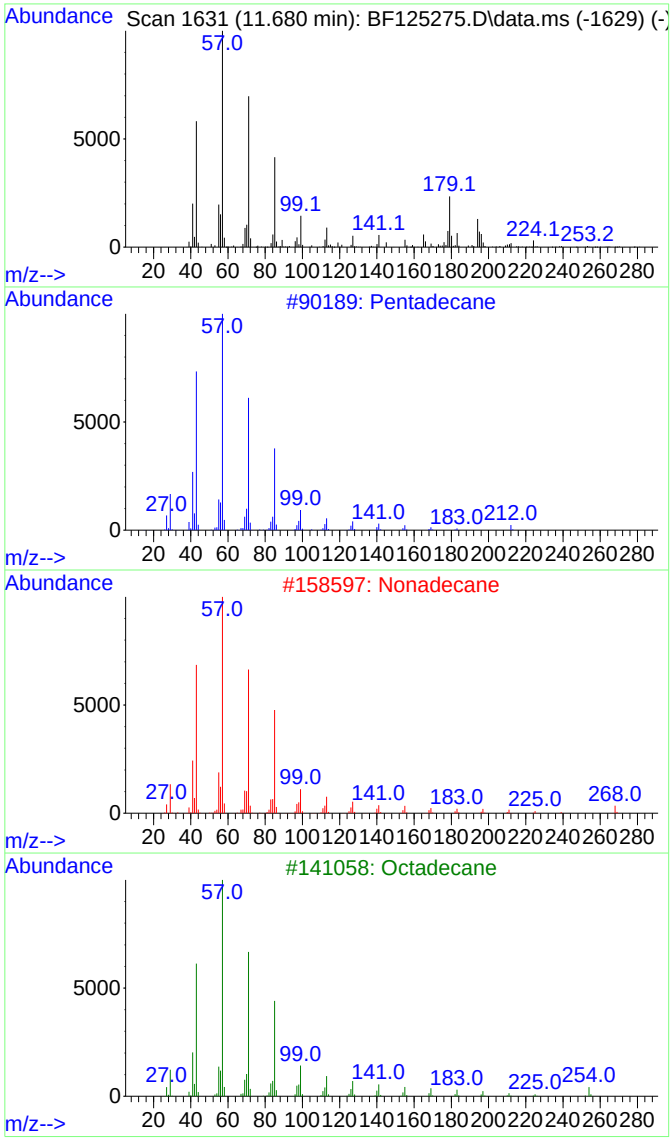
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

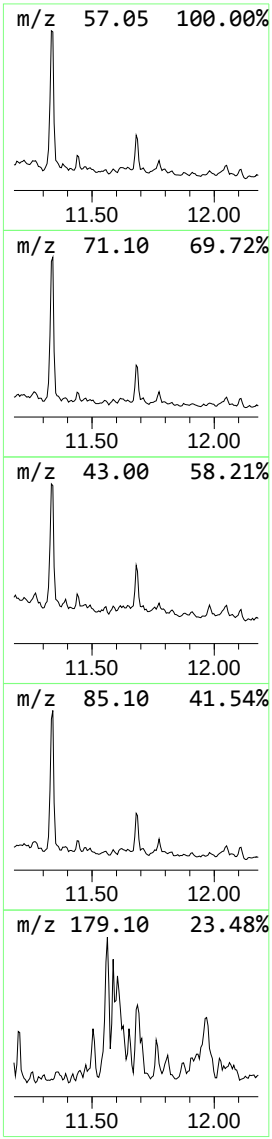
****

Peak Number 18 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	23.07 ng	1049490	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Nonadecane	268	C19H40	000629-92-5	68
3	Octadecane	254	C18H38	000593-45-3	68
4	Tetradecane	198	C14H30	000629-59-4	68
5	Heneicosane	296	C21H44	000629-94-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

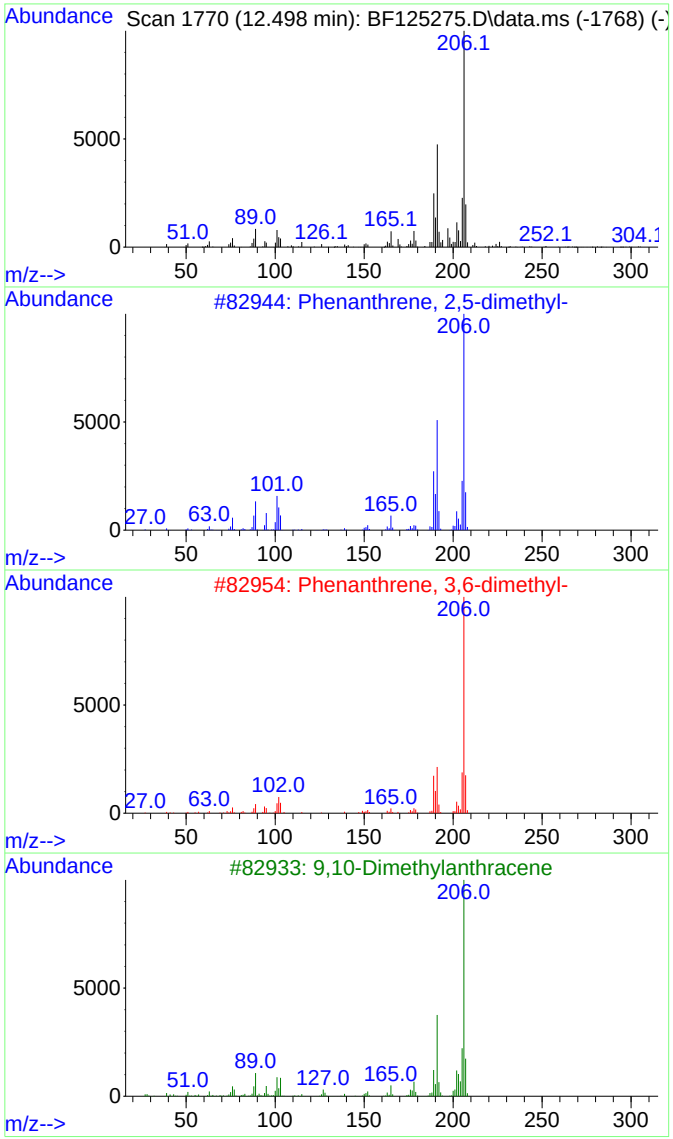
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

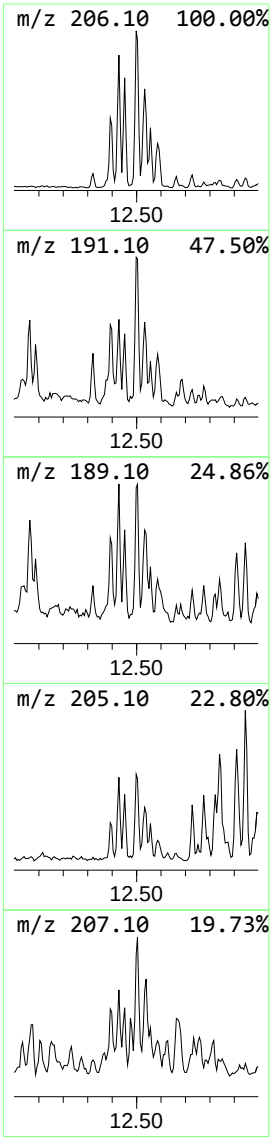
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	14.53 ng	661049	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

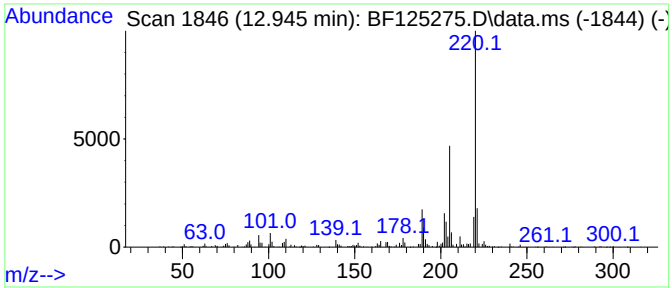
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

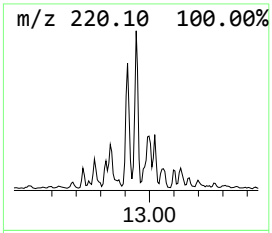
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

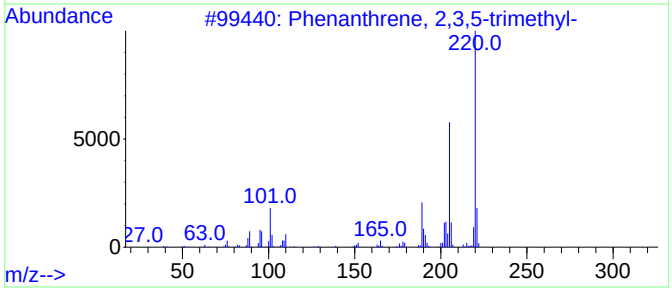
****
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 18

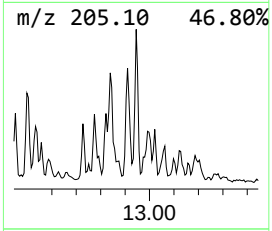
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	10.98 ng	585456	Chrysene-d12	14.086

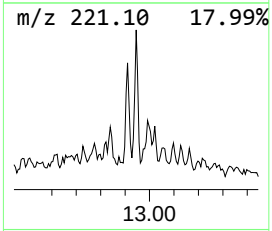
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	80
3	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	64
4	2-Benzofurancarboxylic acid, 6-m...	220	C12H12O4	1000349-99-8	64
5	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64

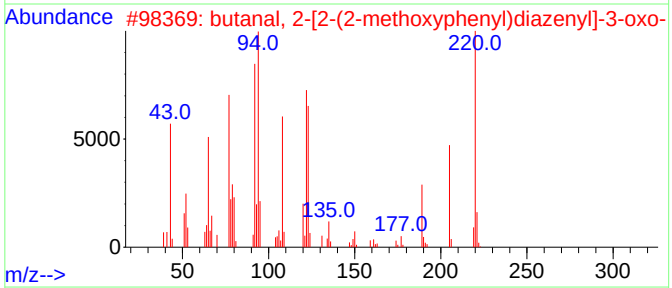


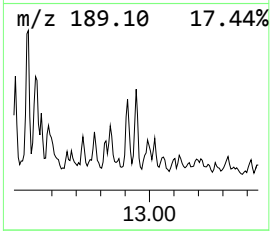


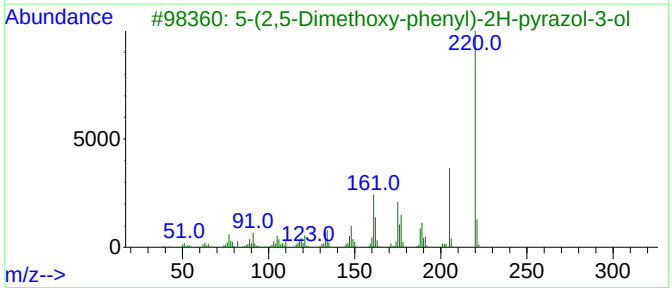


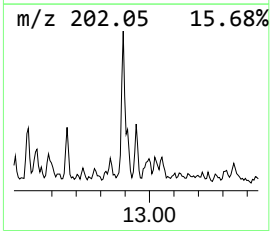












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125275.D
Acq On : 30 Aug 2021 22:04
Operator : JU/CG
Sample : M3561-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-9

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...	2.187	61.6	ng	3687310	1	6.916	1196170	20.0
Ethanol, 2-(2-b...	8.098	9.8	ng	1144990	2	8.198	2340410	20.0
Undecane, 2,6-d...	8.251	14.5	ng	1695280	2	8.198	2340410	20.0
Benzene, pentam...	8.281	10.7	ng	1250110	2	8.198	2340410	20.0
Octane, 3,6-dim...	8.616	18.8	ng	2197050	2	8.198	2340410	20.0
Tridecane, 2,5-...	8.881	11.2	ng	1309180	2	8.198	2340410	20.0
Heptadecane, 2,...	9.216	25.5	ng	3448760	3	9.963	2700910	20.0
Decahydro-1,1,4...	9.357	19.6	ng	2651680	3	9.963	2700910	20.0
Tetradecane	9.675	46.7	ng	6308230	3	9.963	2700910	20.0
3-Eicosene, (E)-	9.828	13.3	ng	1802130	3	9.963	2700910	20.0
unknown9.869	9.869	20.0	ng	2700910	3	9.963	2700910	20.0
Naphthalene, 1,...	10.204	17.8	ng	2406820	3	9.963	2700910	20.0
Naphthalene, 2,...	10.281	13.3	ng	1801220	3	9.963	2700910	20.0
Tridecane, 3-me...	10.604	34.6	ng	4670750	3	9.963	2700910	20.0
Dodecane, 2,7,1...	10.875	195.4	ng	8889290	4	11.451	909987	20.0
Tritetracontane	11.339	101.3	ng	4607520	4	11.451	909987	20.0
2,3-Dihydro-1-o...	11.569	43.4	ng	1973980	4	11.451	909987	20.0
Pentadecane	11.680	23.1	ng	1049490	4	11.451	909987	20.0
Phenanthrene, 2...	12.498	14.5	ng	661049	4	11.451	909987	20.0
Phenanthrene, 2...	12.945	11.0	ng	585456	5	14.086	1066540	20.0