LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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: BF125274.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	7	13	27	rVB	2657507	3505189	51.63%	3.936%
2	5.534	583	586	598	rVB	1992531	1786972	26.32%	2.007%
3	6.539	754	757	768	rVB	1243525	1139572	16.79%	1.280%
4	6.916	817	821	824	rVB	1262361	1044305	15.38%	1.173%
5	7.316	884	889	897	rBV3	179817	268421	3.95%	0.301%
6	7.445	906	911	913	rBV4	119576	144360	2.13%	0.162%
7	7.481	913	917	920	rVV	2879900	2590863	38.16%	2.909%
8	7.557	925	930	933	rVV4	113963	183578	2.70%	0.206%
9	7.639	933	944	946	rVV8	116793	353209	5.20%	0.397%
10	7.686	949	952	954	rVV2	155780	156767	2.31%	0.176%
11	7.710	954	956	960	rVB2	104796	132315	1.95%	0.149%
12	7.792	966	970	971	rBV3	114670	114420	1.69%	0.128%
13	7.810	971	973	975	rVV2	147634	117251	1.73%	0.132%
14	7.833	975	977	981	rVV3	135182	155668	2.29%	0.175%
15	7.869	981	983	987	rVB3	126653	152439	2.25%	0.171%
16	7.933	991	994	998	rBV3	240721	294548	4.34%	0.331%
17	7.986	1000	1003	1004	rBV2	136857	120556	1.78%	0.135%
18	8.069	1013	1017	1019	rBV2	150782	165938	2.44%	0.186%
19	8.104	1019	1023	1026	rBV	1406092	1428255	21.04%	1.604%
20	8.145	1026	1030	1033	rVV5	165850	303094	4.46%	0.340%
21	8.198	1033	1039	1042	rVV	1694857	1763852	25.98%	1.981%
22	8.251	1045	1048	1051	rVB2	951333	838850	12.36%	0.942%
23	8.286	1051	1054	1059	rBV4	383798	576317	8.49%	0.647%
24	8.345	1061	1064	1066	rBV3	233569	265230	3.91%	0.298%
25	8.398	1070	1073	1075	rBV3	300761	266989	3.93%	0.300%
26	8.457	1078	1083	1085	rBV6	370261	601723	8.86%	0.676%
27	8.486	1085	1088	1092	rVB5	392825	427329	6.29%	0.480%
28	8.539	1092	1097	1099	rBV5	255432	428510	6.31%	0.481%
29	8.580	1102	1104	1107	rVB3	350254	301373	4.44%	0.338%
30	8.610	1107	1109	1112	rBV	1432207	1260200	18.56%	1.415%
31	8.633	1112	1113	1115	rVB2	211131	137893	2.03%	0.155%
32	8.698	1122	1124	1127	rBV3	281482	258050	3.80%	0.290%
33	8.739	1127	1131	1133	rVV4	394333	538252	7.93%	0.604%
34	8.786	1136	1139	1142	rVV4	729101	877138	12.92%	0.985%
35	8.827	1142	1146	1150	rVV6	542173	1191984	17.56%	1.339%
36	8.880	1152	1155	1158	rVB2	744488	892912	13.15%	1.003%

LSC Area Percent Report

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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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	8.945	1163	1166	1168	rBV3	508176	436690	6.43%	0.490%
38	8.975	1168	1171	1173	rBV4	434452	586185	8.63%	0.658%
39	9.016	1176	1178	1181	rVB3	337257	358320	5.28%	0.402%
40	9.145	1196	1200	1204	rBV5	466839	871316	12.83%	0.978%
41	9.216	1209	1212	1214	rVV2	3286389	2768715	40.78%	3.109%
42	9.274	1218	1222	1226	rVB	5220214	4472204	65.88%	5.022%
43	9.310	1226	1228	1230	rBV2	254429	183129	2.70%	0.206%
44	9.357	1232	1236	1238	rBV2	1350989	1538803	22.67%	1.728%
45	9.392	1239	1242	1244	rBV2	777989	657646	9.69%	0.738%
46	9.586	1273	1275	1277	rBV3	676089	566207	8.34%	0.636%
47	9.610	1277	1279	1281	rVV2	796361	803707	11.84%	0.903%
48	9.674	1285	1290	1292	rBV2	4435224	5027716	74.06%	5.646%
49	9.698	1292	1294	1296	rBV3	495865	382656	5.64%	0.430%
50	9.774	1305	1307	1309	rVB	848177	640723	9.44%	0.719%
51	9.822	1312	1315	1317	rVV4	1414795	1353405	19.94%	1.520%
52	9.869	1317	1323	1325	rVB2	1828786	2228854	32.83%	2.503%
53	9.957	1333	1338	1342	rVB2	1628665	2244066	33.06%	2.520%
54	10.063	1353	1356	1360	rVB3	725009	934583	13.77%	1.049%
55	10.145	1367	1370	1371	rBV	746877	754716	11.12%	0.847%
56	10.204	1377	1380	1384	rBV3	1552808	1543170	22.73%	1.733%
57	10.274	1389	1392	1394	rBV	1419765	1450438	21.36%	1.629%
58	10.363	1404	1407	1413	rBV5	1076882	1507577	22.21%	1.693%
59	10.574	1441	1443	1445	rBV	853733	770022	11.34%	0.865%
60	10.604	1445	1448	1453	rVB	3693416	3960053	58.33%	4.447%
61	10.751	1470	1473	1477	rBV3	2501571	2478055	36.50%	2.783%
62	10.874	1490	1494	1497	rBV	6687982	6788879	100.00%	7.623%
63	11.333	1569	1572	1578	rVB	3469295	3865724	56.94%	4.341%
64	11.451	1589	1592	1594	rBV	1648251	1481747	21.83%	1.664%
65	11.510	1599	1602	1605	rVB	985021	938423	13.82%	1.054%
66	11.563	1608	1611	1614	rBV3	1036401	1150126	16.94%	1.292%
67	11.680	1629	1631	1634	rBV3	1117262	987702	14.55%	1.109%
68	11.974	1675	1681	1685	rVB4	1199949	2067493	30.45%	2.322%
69	12.392	1750	1752	1754	rVB2	324467	192124	2.83%	0.216%
70	12.498	1768	1770	1773	rVB	787096	680190	10.02%	0.764%
71	12.621	1789	1791	1796	rVB3	499601	520570	7.67%	0.585%
72	12.751	1811	1813	1816	rBV2	296301	302158	4.45%	0.339%
73	12.945	1843	1846	1849	rVB	582176	577406	8.51%	0.648%
74	13.033	1857	1861	1864	rVB	4059372	3831492	56.44%	4.302%
75	13.921	2009	2012	2016	rVB	238518	239163	3.52%	0.269%
76	14.086	2036	2040	2043	rVB	1141195	1020250	15.03%	1.146%

LSC Area Percent Report

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Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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	15.586	2290	2295	2301	rBV	851042	1106462	16.30%	1.242%

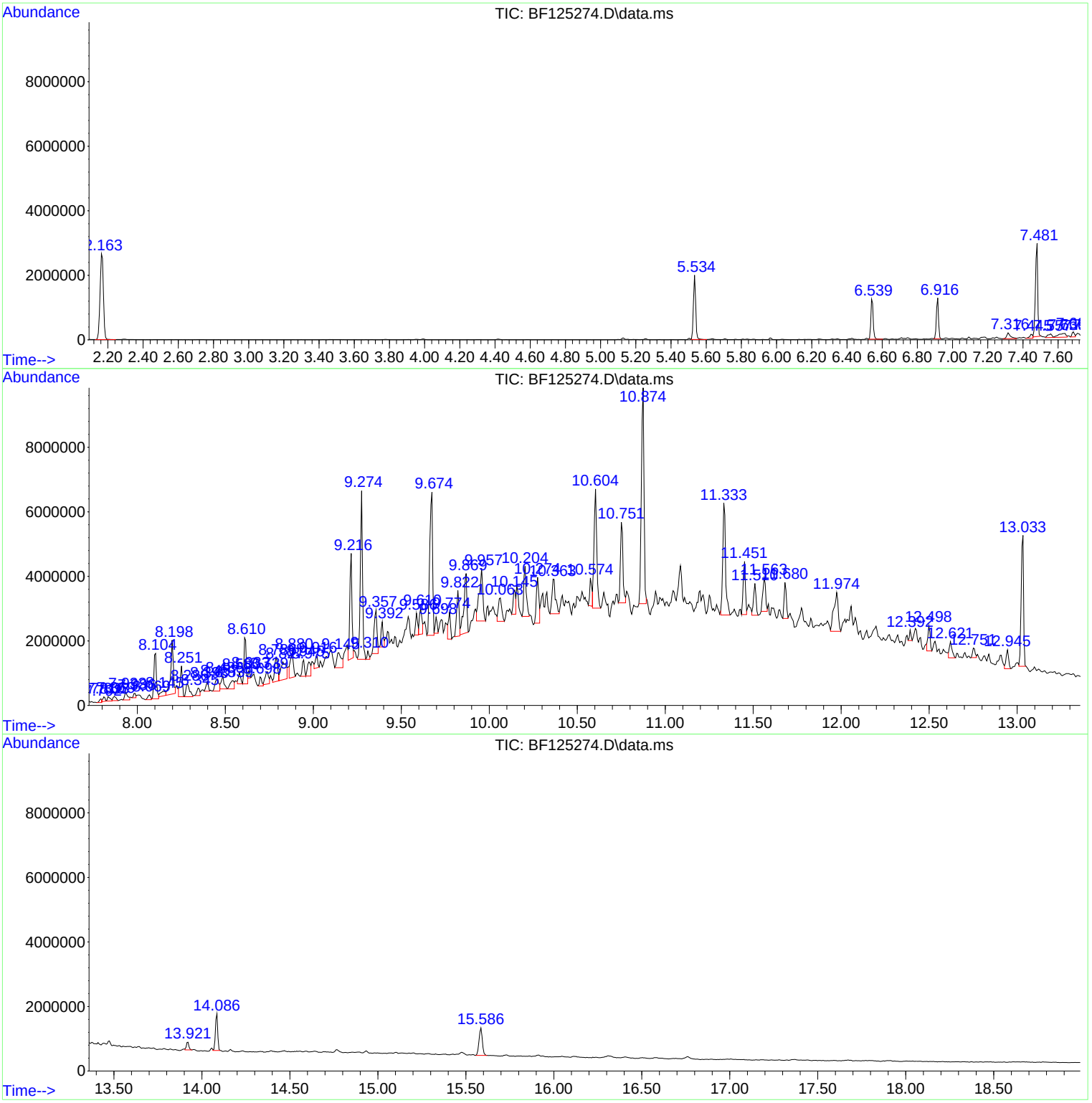
Sum of corrected areas: 89053187

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE4-7

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 : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

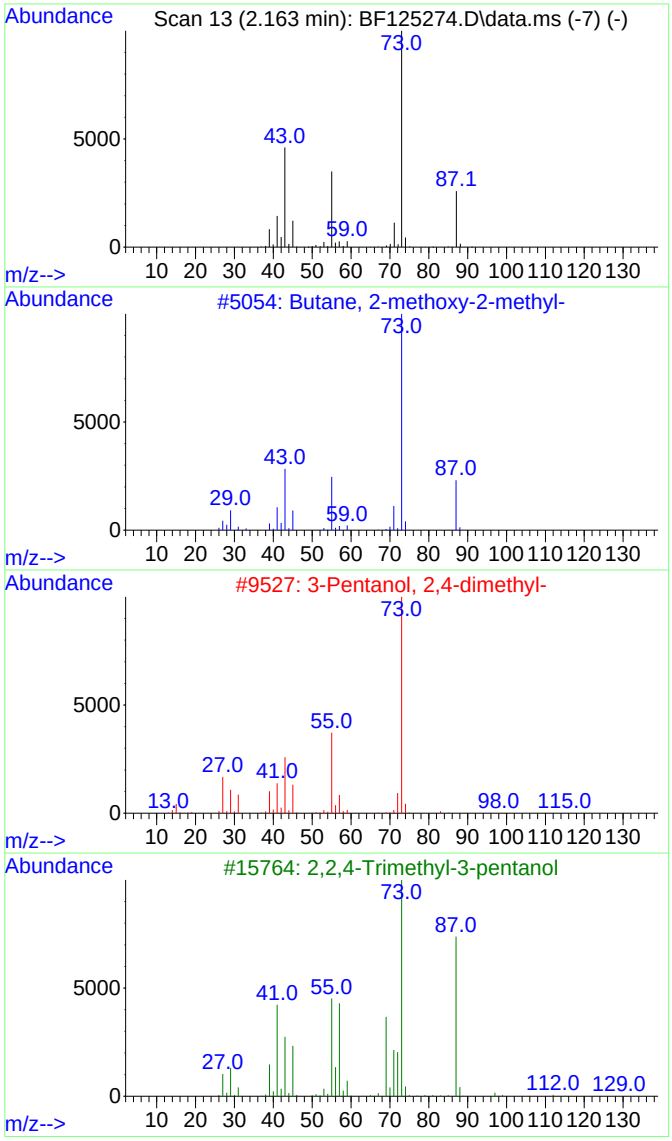
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

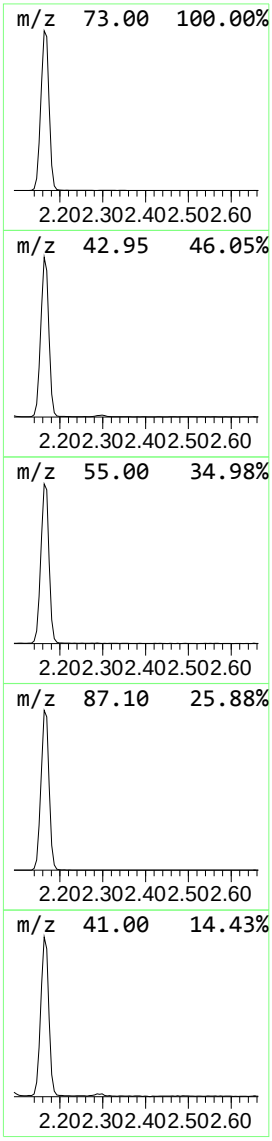
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	67.13 ng	3505190	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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

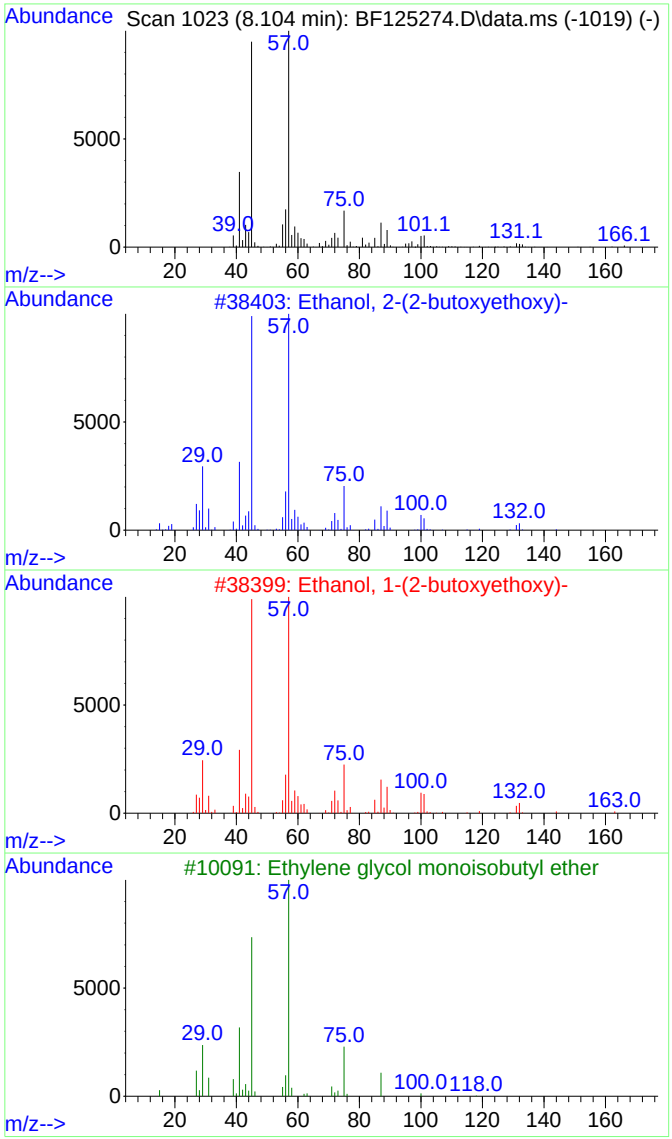
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

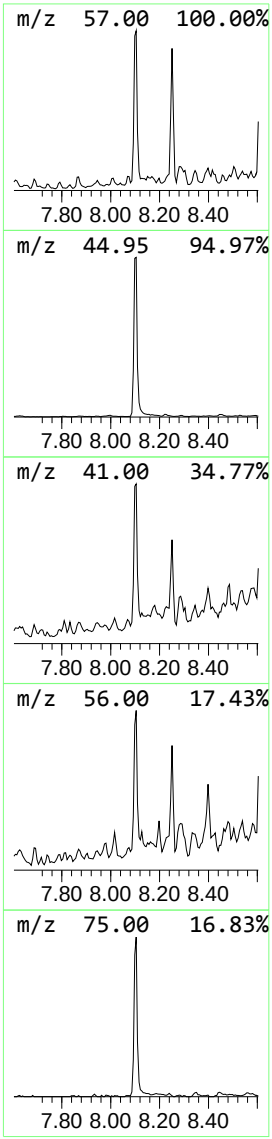
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	16.19 ng	1428260	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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
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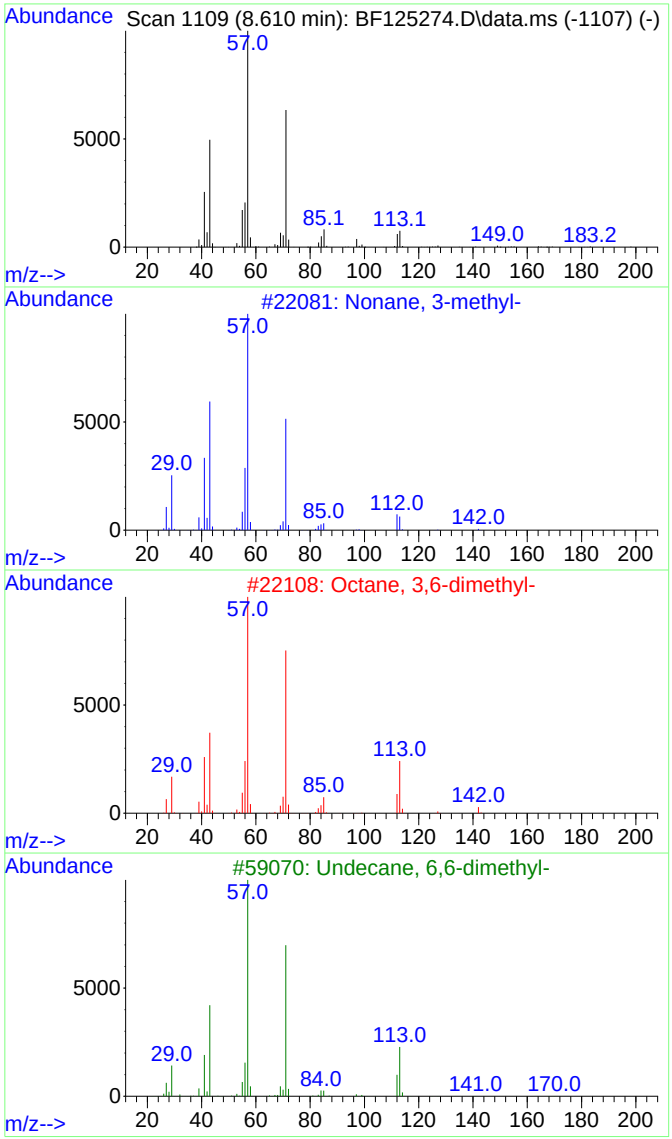
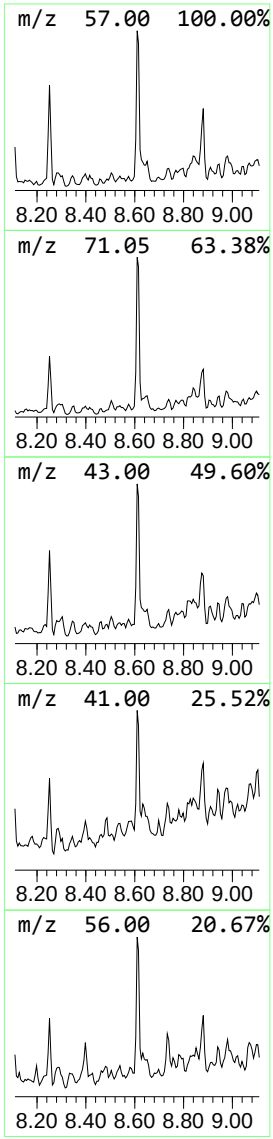
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	14.29 ng	1260200	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

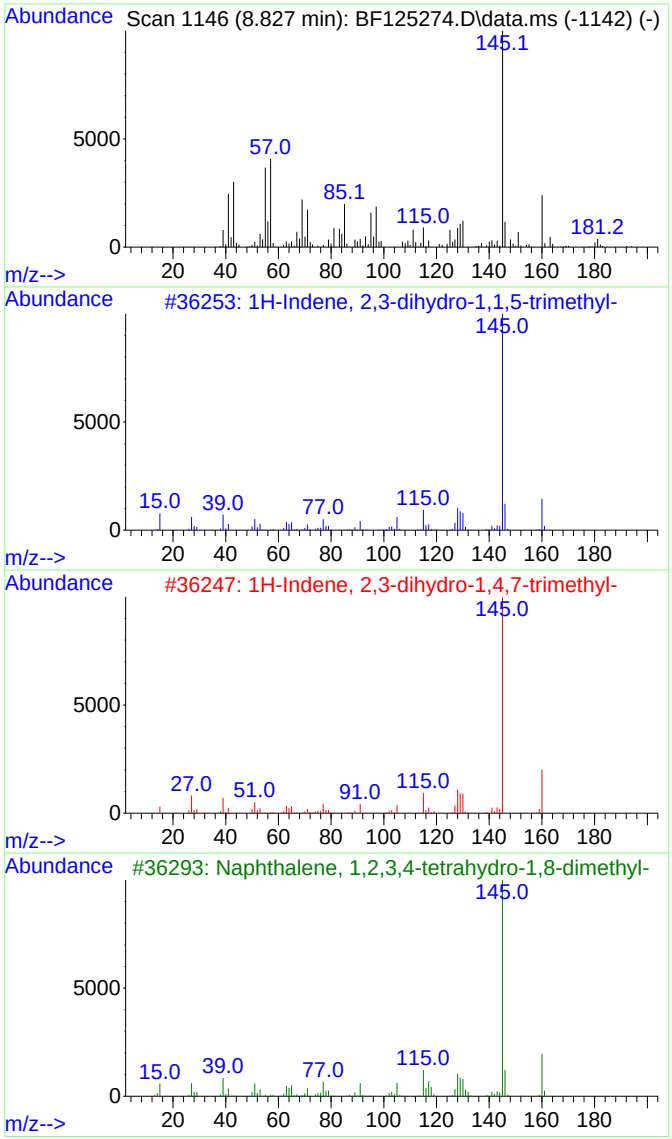
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

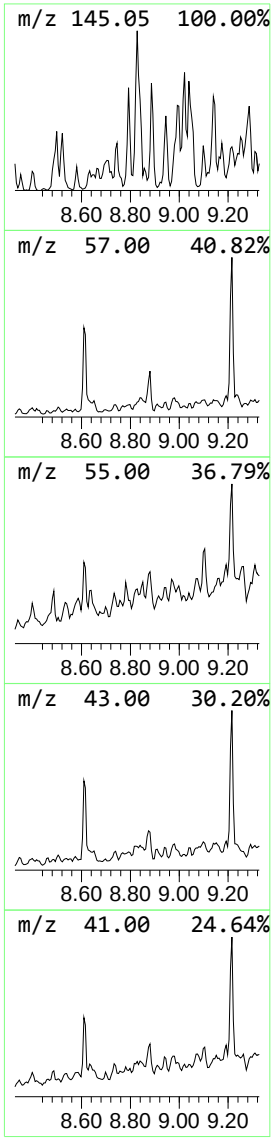
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.827	13.52 ng	1191980	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62
5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	62





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Data File : BF125274.D
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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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

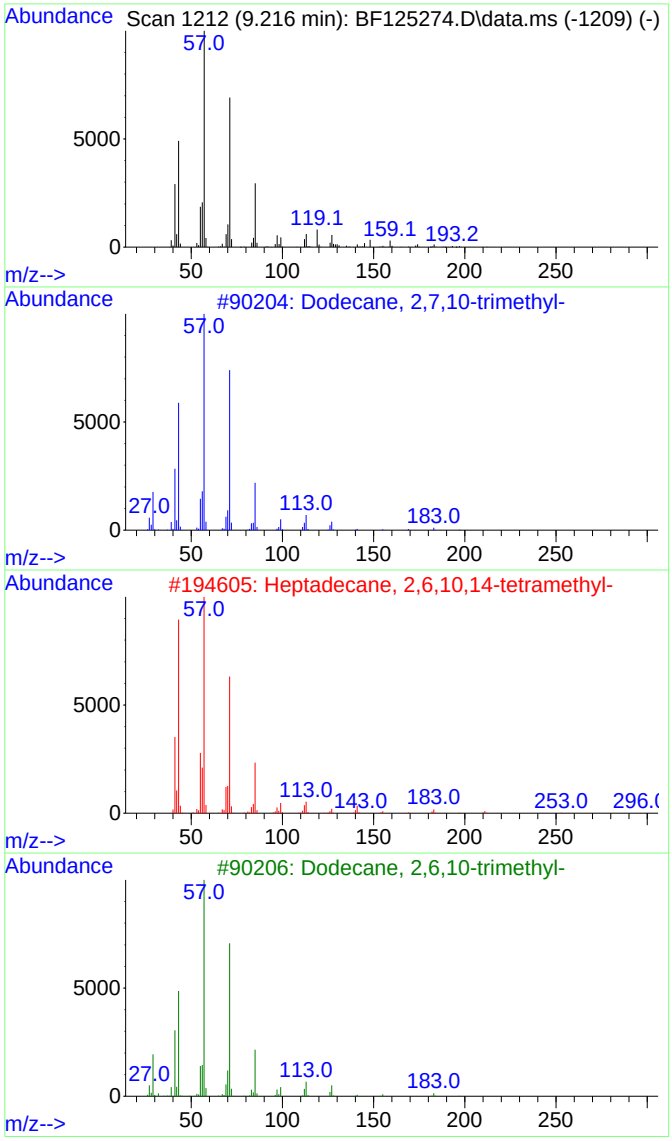
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

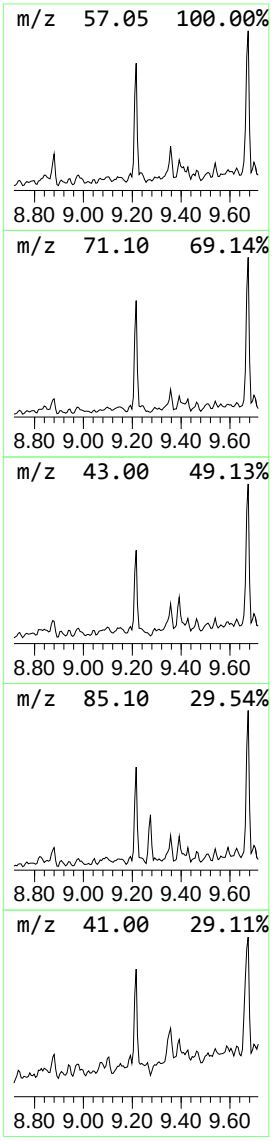
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	24.68 ng	2768720	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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

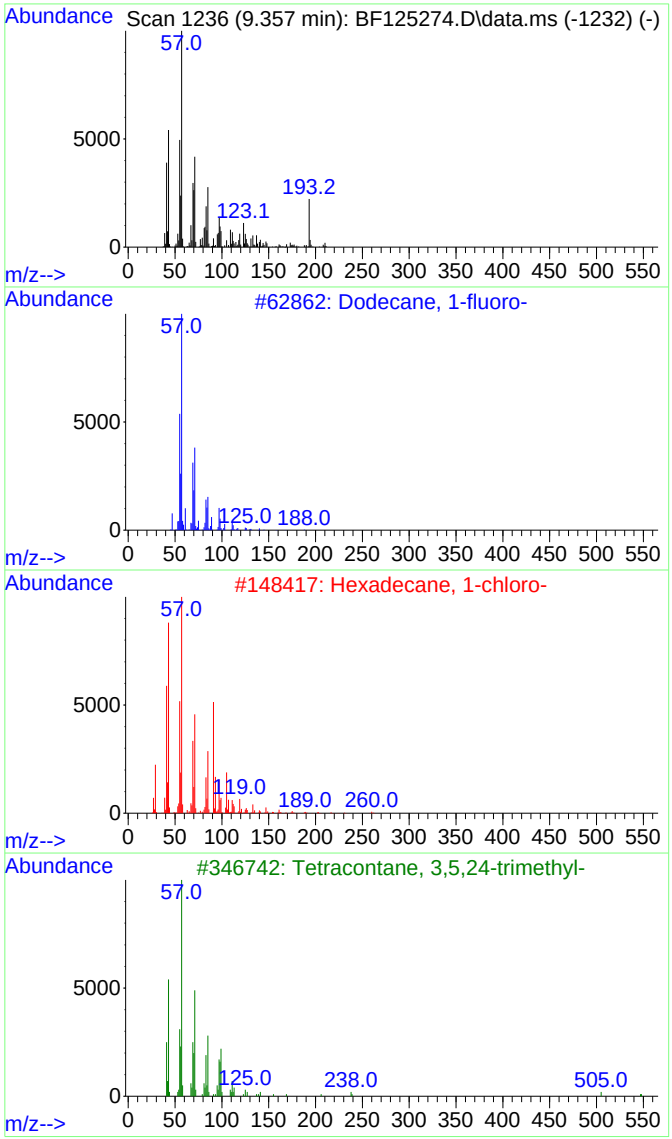
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

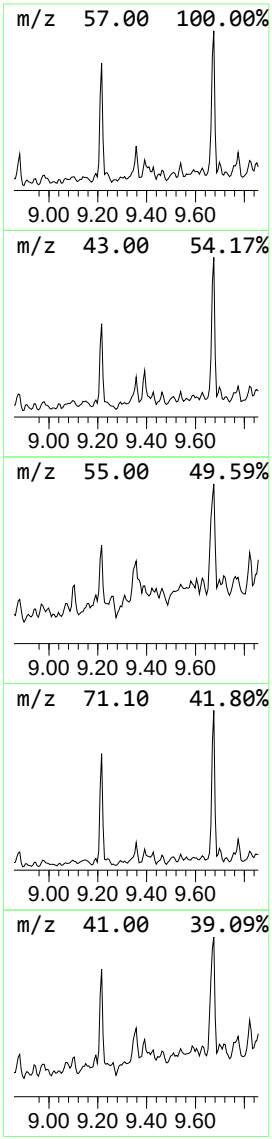
****

Peak Number 6 Dodecane, 1-fluoro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	13.71 ng	1538800	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	81
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	64
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	58
4	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	53
5	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	53





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Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

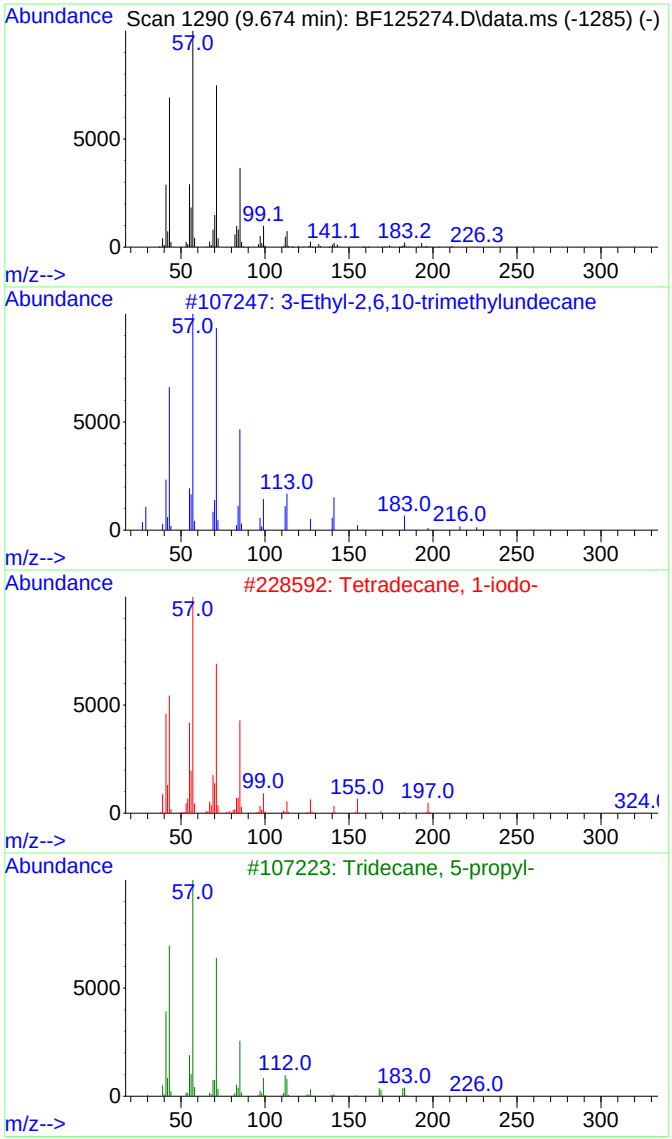
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

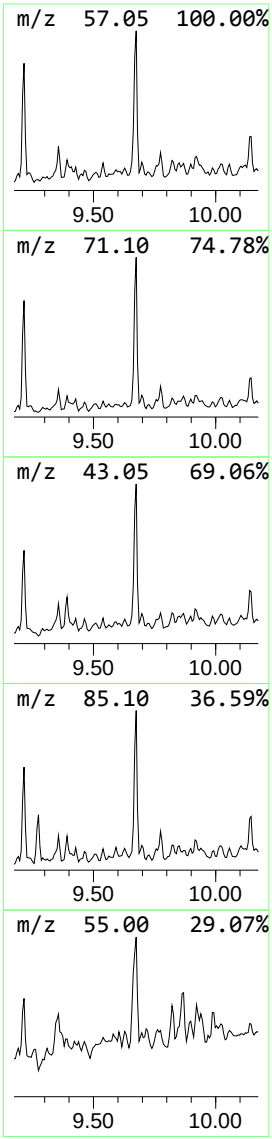
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Ethyl-2,6,10-trimethylund... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.674	44.81 ng	5027720	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	81
5	Tetradecane	198	C14H30	000629-59-4	78





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Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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

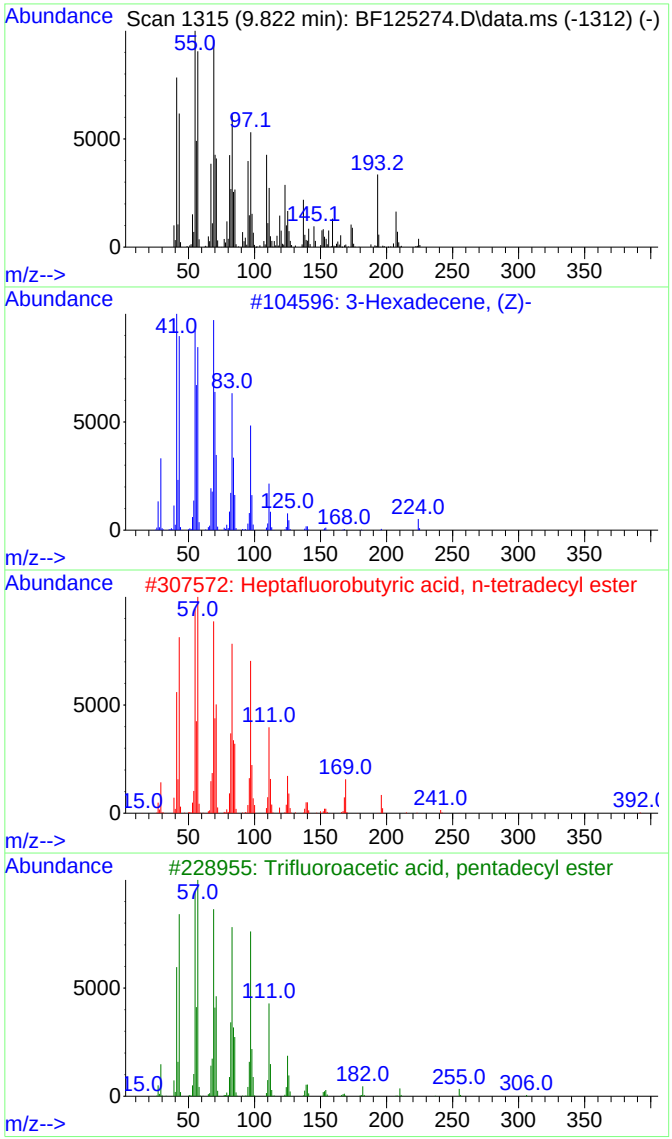
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

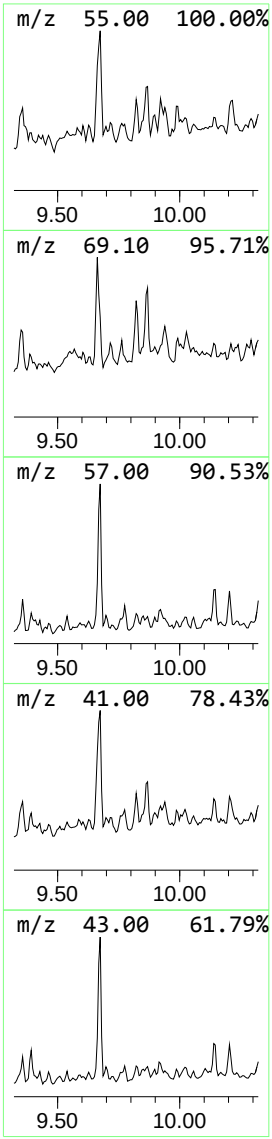
****

Peak Number 8 3-Hexadecene, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	12.06 ng	1353410	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	64
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	55
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	55
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	55
5	Cetene	224	C16H32	000629-73-2	53





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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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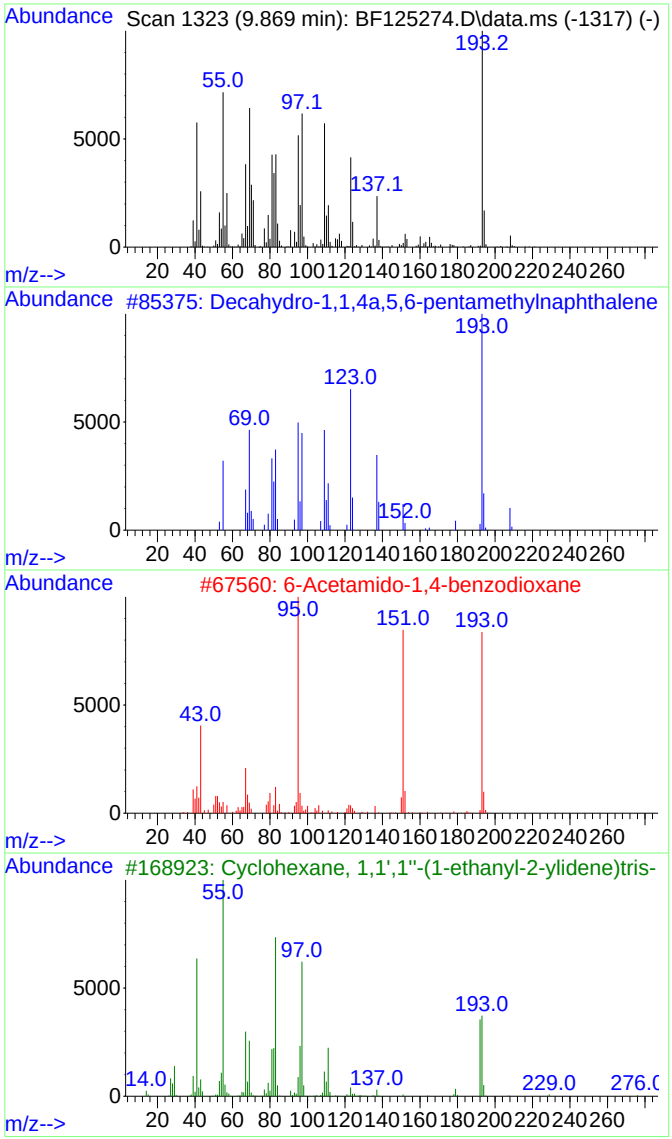
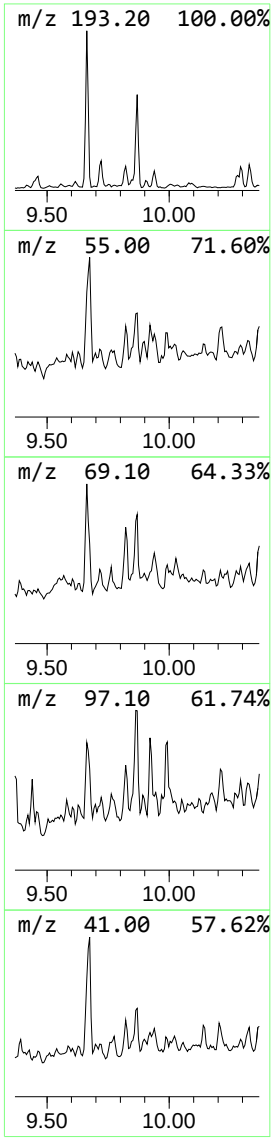
Peak Number 9 unknown9.869 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.869	19.86 ng	2228850	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	43
2	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	27
3	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	27
4	3-Tetradecyn-1-ol	210	C14H26O	055182-74-6	27
5	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22





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Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE4-7

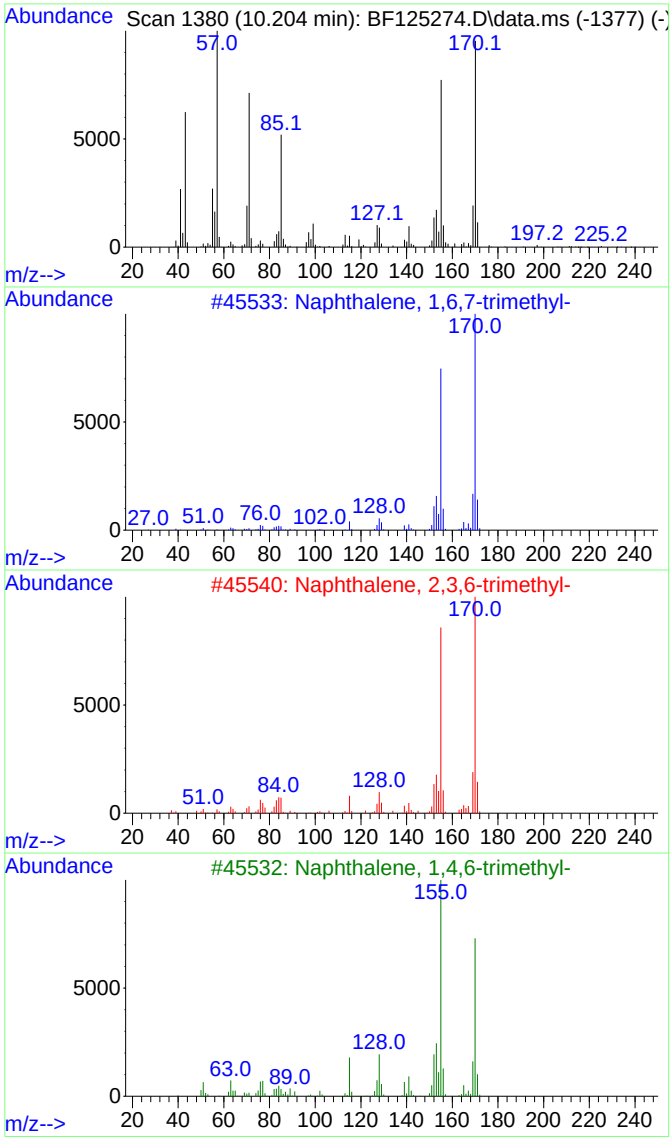
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

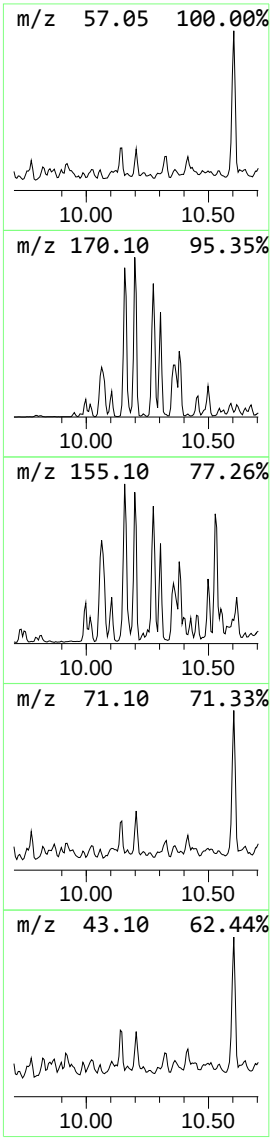
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	13.75 ng	1543170	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	62





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Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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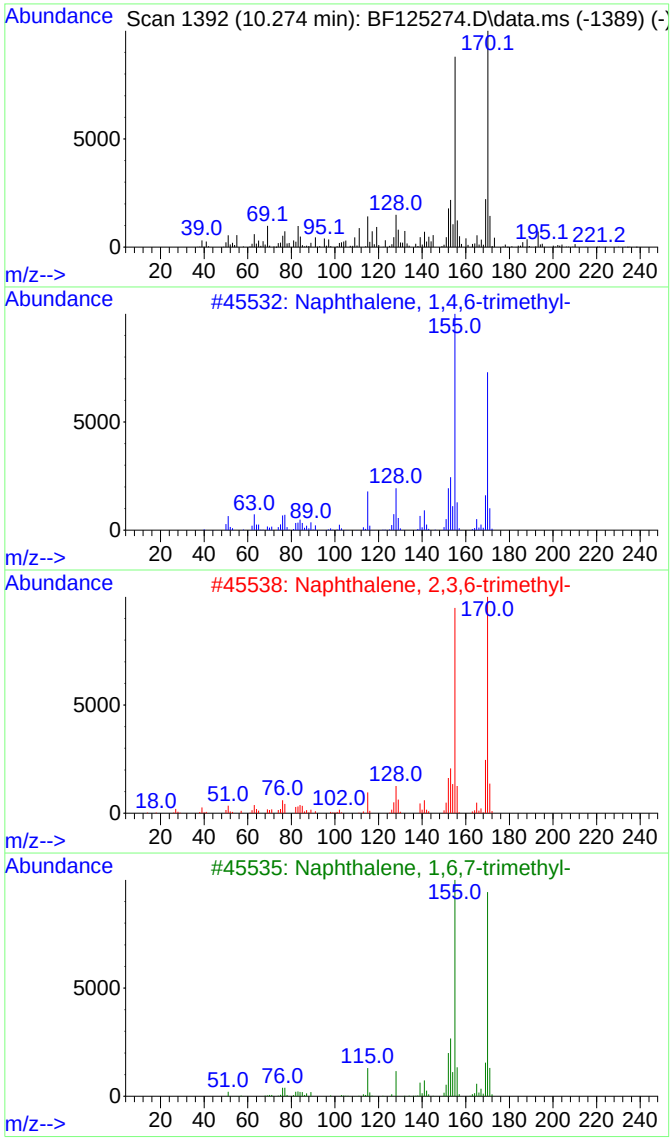
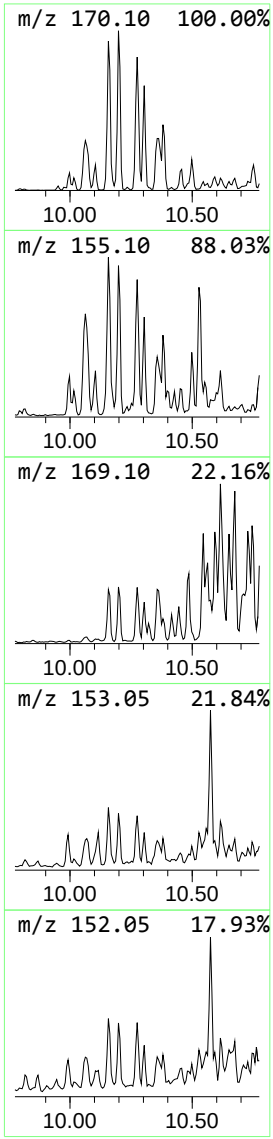
Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.274	12.93 ng	1450440	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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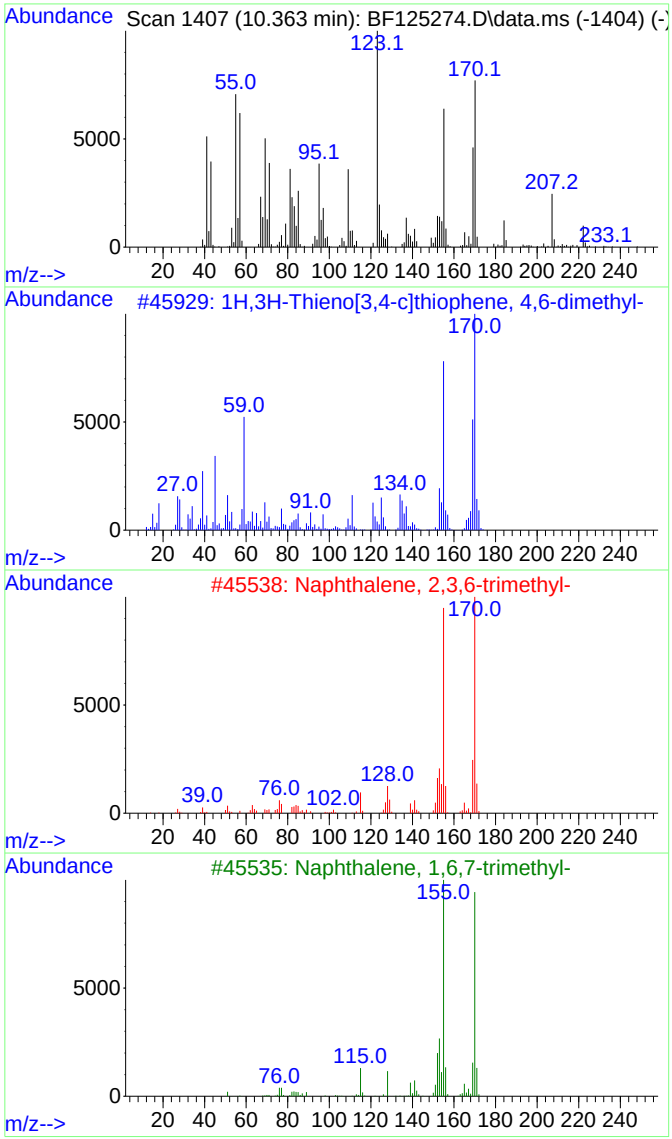
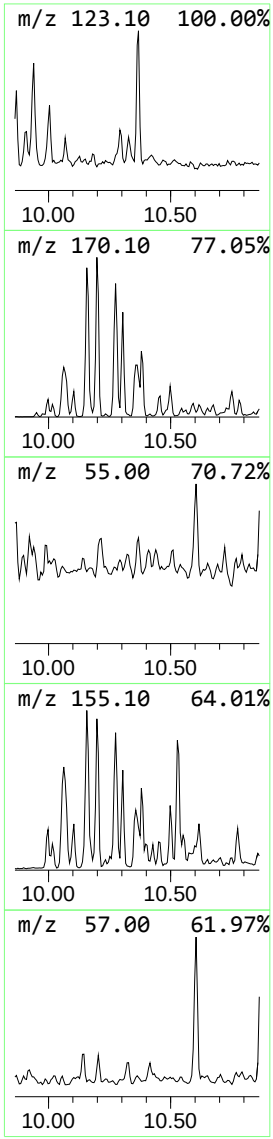
Peak Number 12 unknown10.363 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	13.44 ng	1507580	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	41
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	30
5	2-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15FO2	1000278-97-0	25





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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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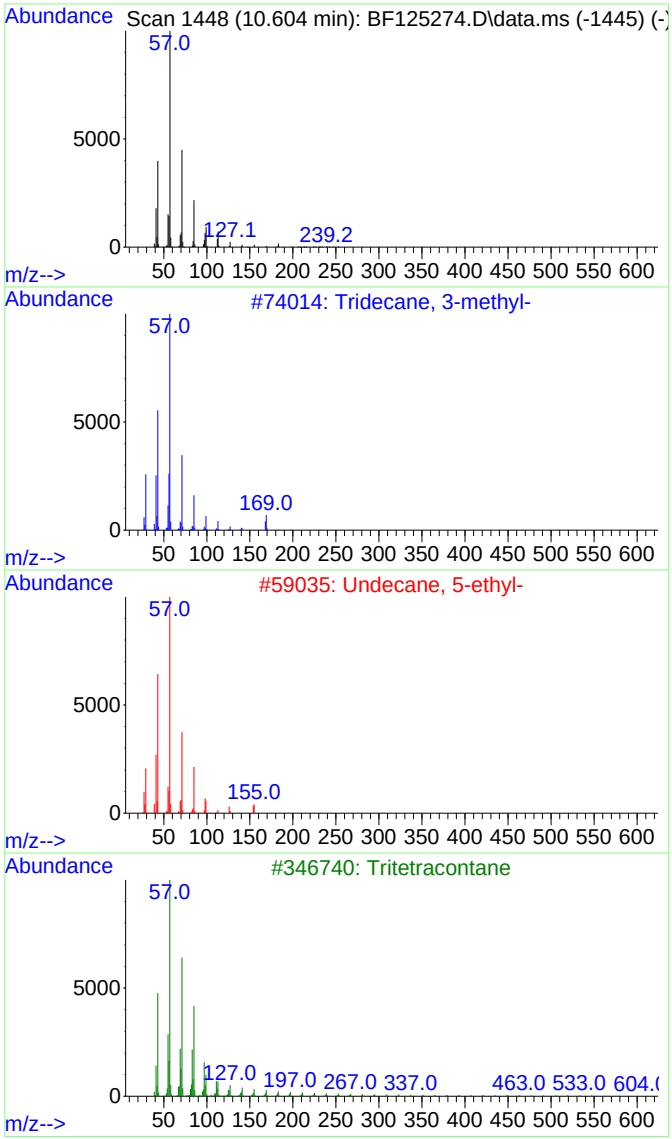
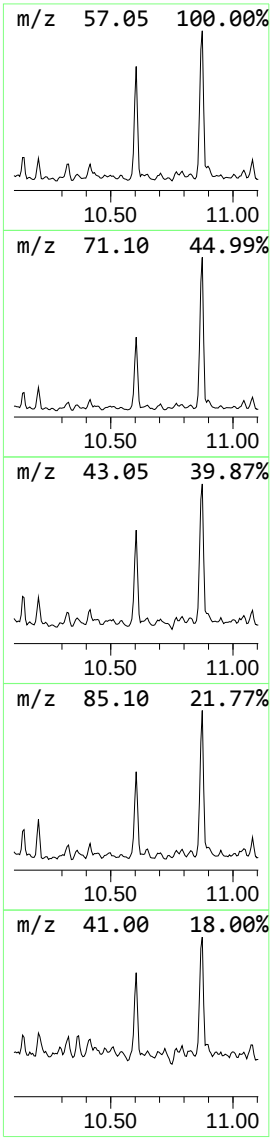
Peak Number 13 Tridecane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	35.29 ng	3960050	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	Tritetracontane	605	C43H88	007098-21-7	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	52





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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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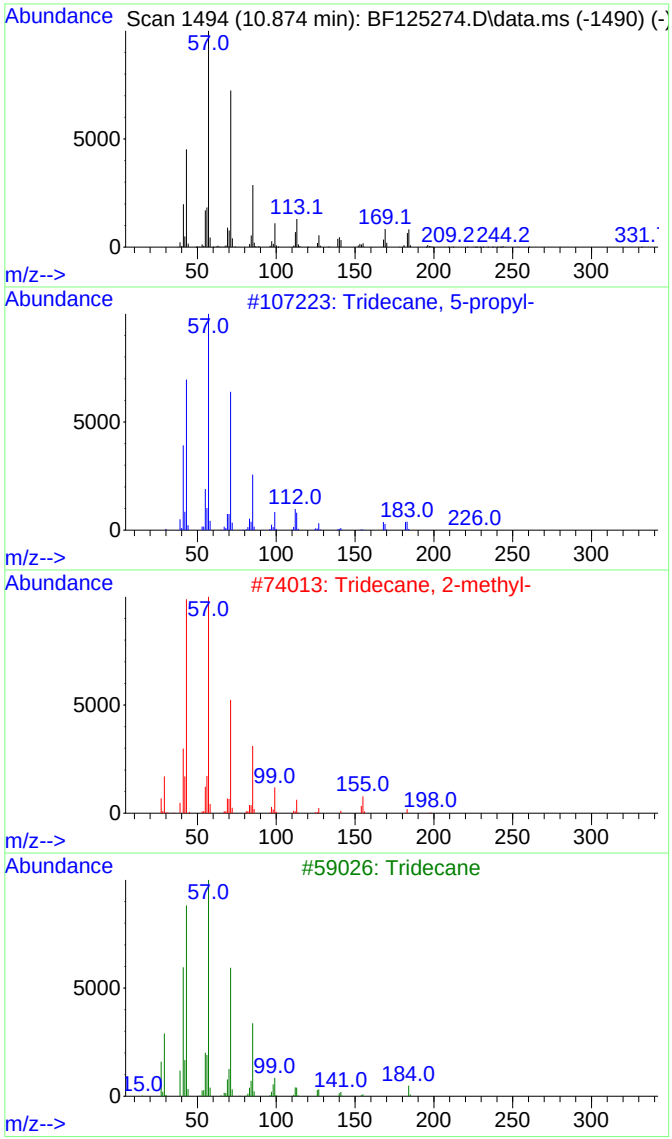
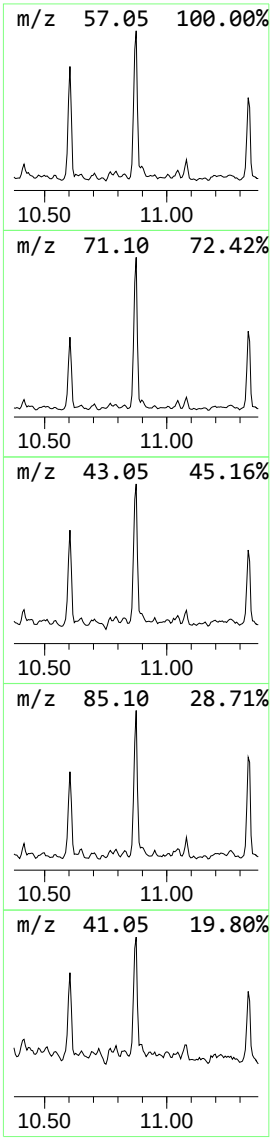
Peak Number 14 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.874	91.63 ng	6788880	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58





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Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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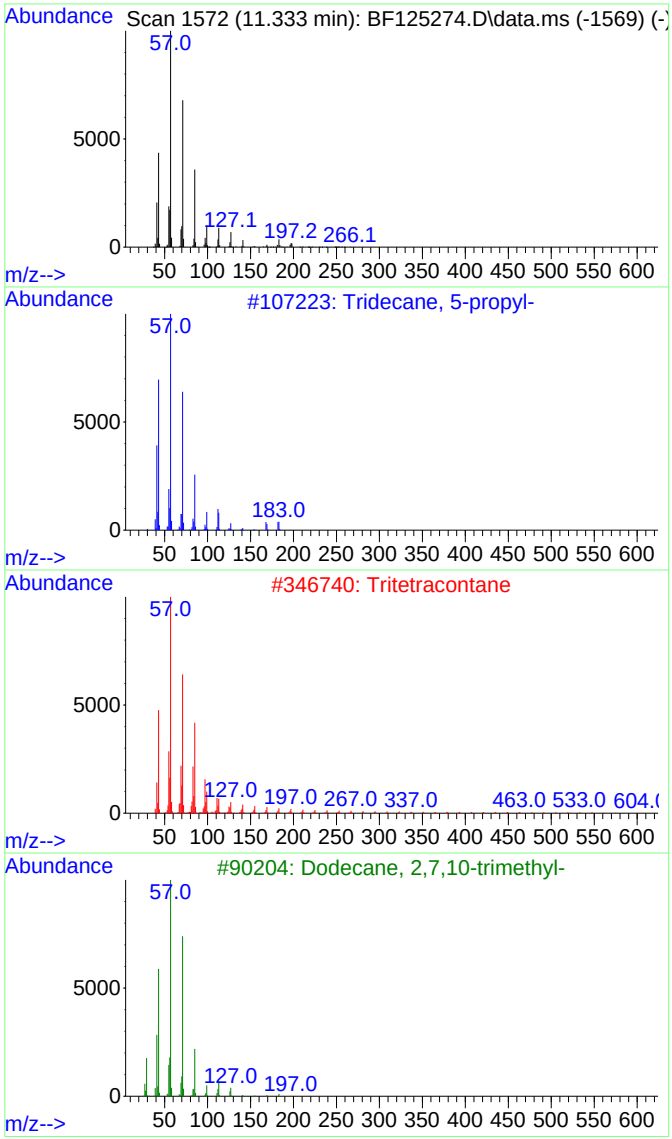
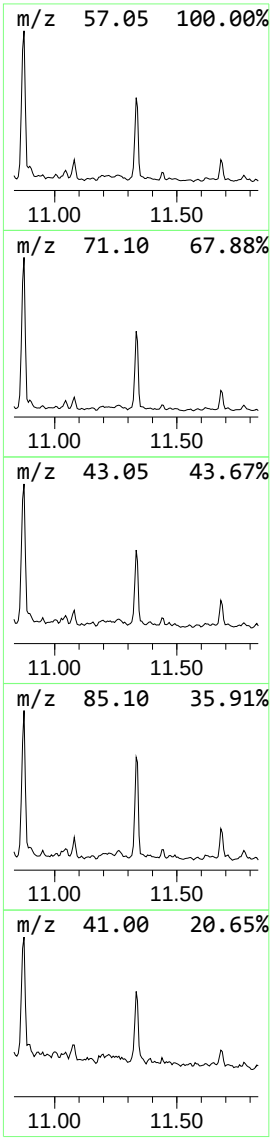
Peak Number 15 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	52.18 ng	3865720	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Tritetracontane	605	C43H88	007098-21-7	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





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Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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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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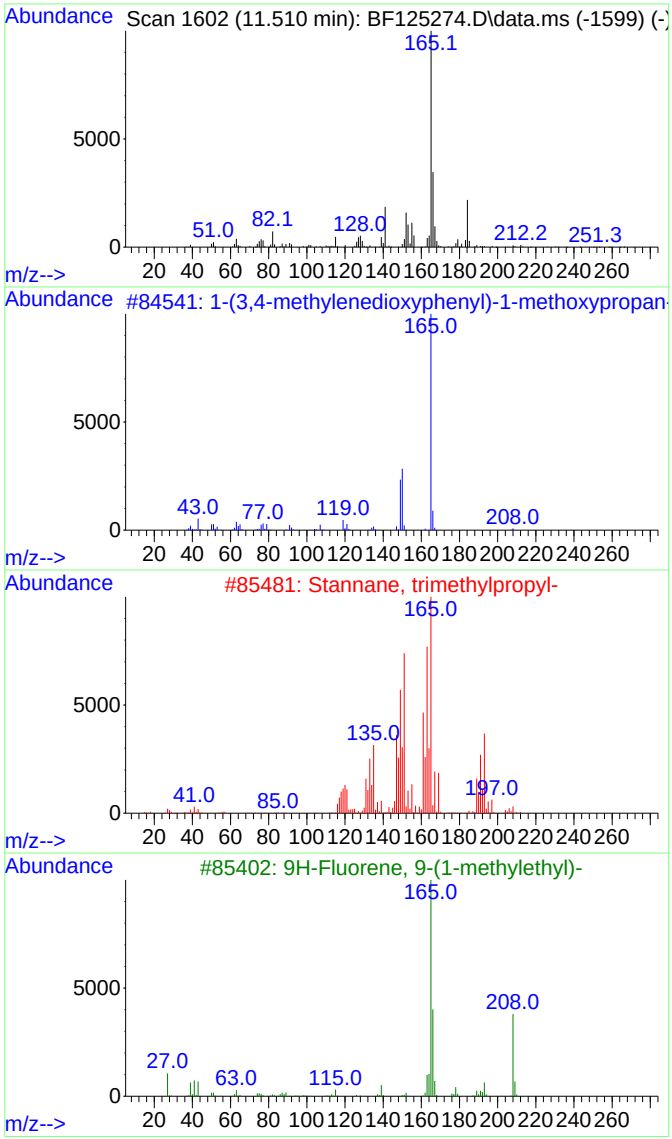
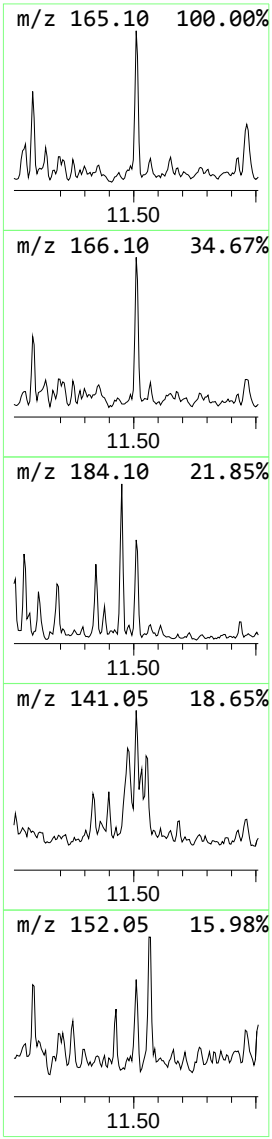
Peak Number 16 unknown11.510 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.510	12.67 ng	938423	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3,4-methylenedioxyphenyl)-1-m...	208	C11H12O4	1000378-91-3	38
2	Stannane, trimethylpropyl-	208	C6H16Sn	003531-45-1	38
3	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	28
4	N-(9,10-Dioxo-9,10-dihydro-anthr...	387	C23H17NO5	1000300-23-7	23
5	Benzamide, 4-chloro-, o-(2,6-dim...	334	C16H15ClN2O4	1000263-23-0	17





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Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

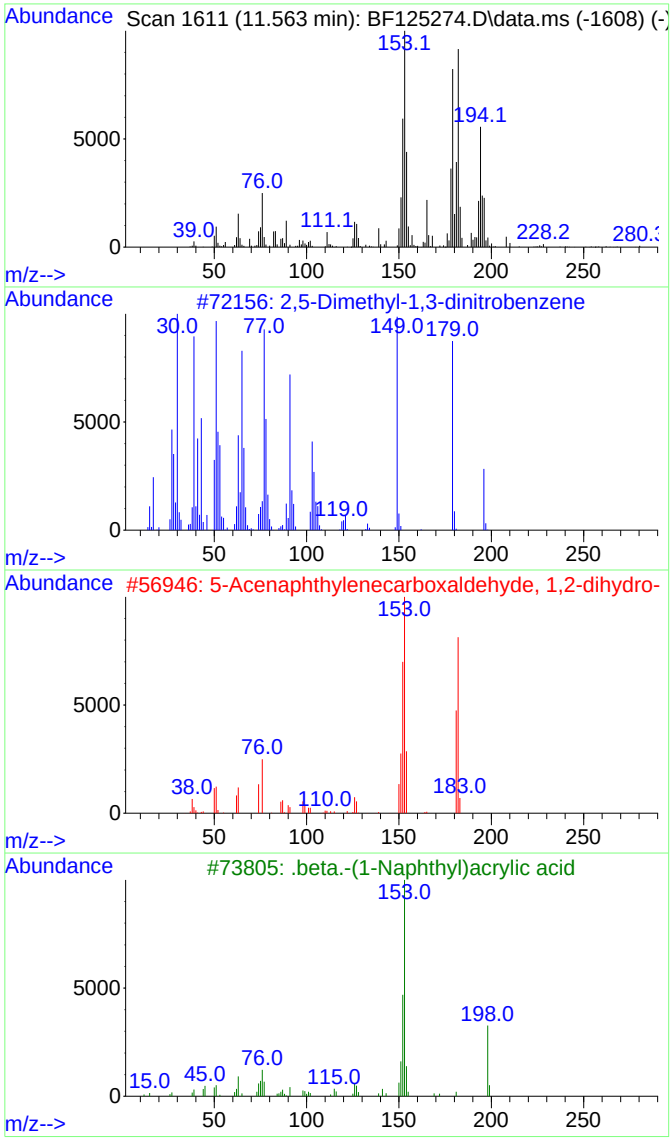
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

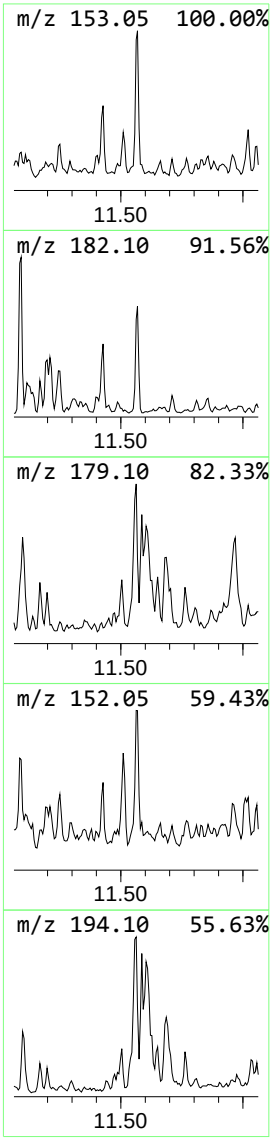
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,5-Dimethyl-1,3-dinitroben... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	15.52 ng	1150130	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-1,3-dinitrobenzene	196	C8H8N2O4	1010487-00-2	53
2	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	43
3	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	25
4	.alpha.-Methylstilbene	194	C15H14	000779-51-1	20
5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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

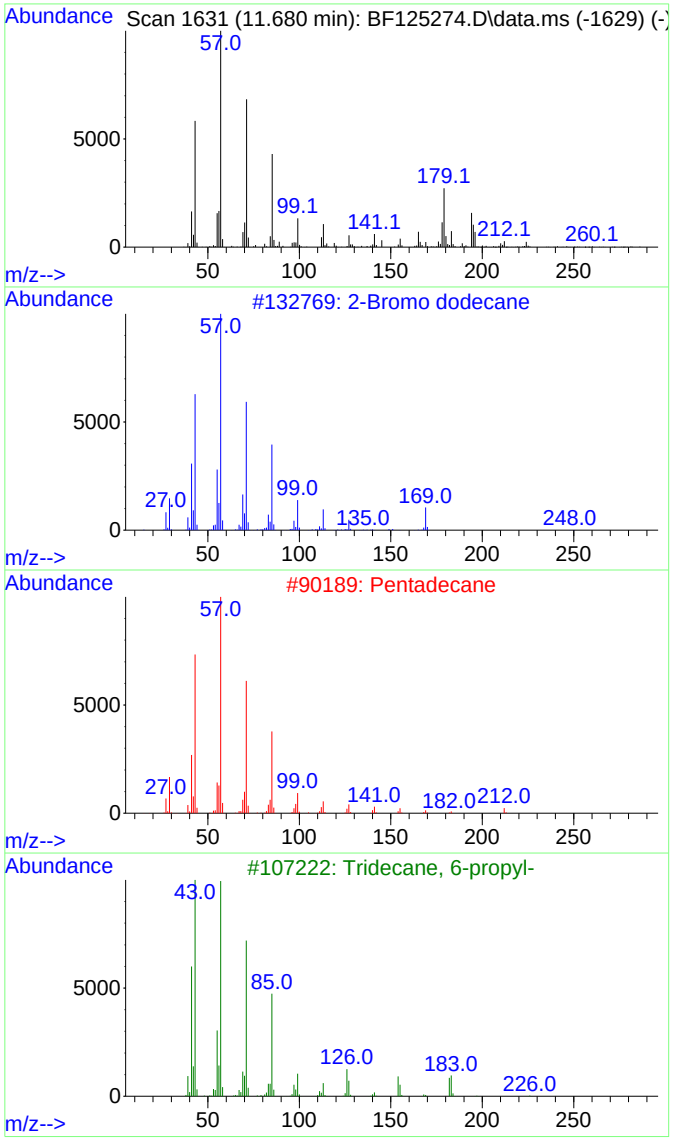
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

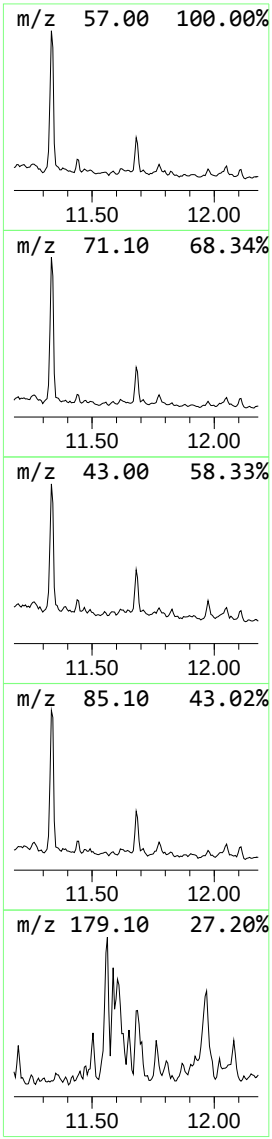
****

Peak Number 18 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	13.33 ng	987702	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	55





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Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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

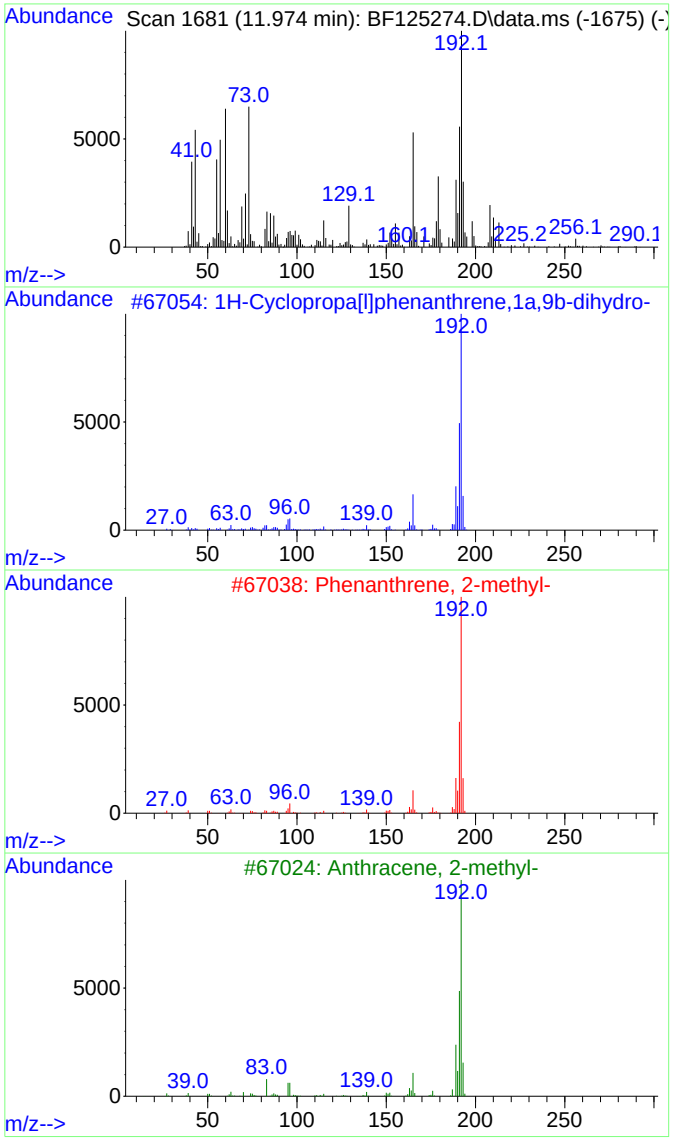
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

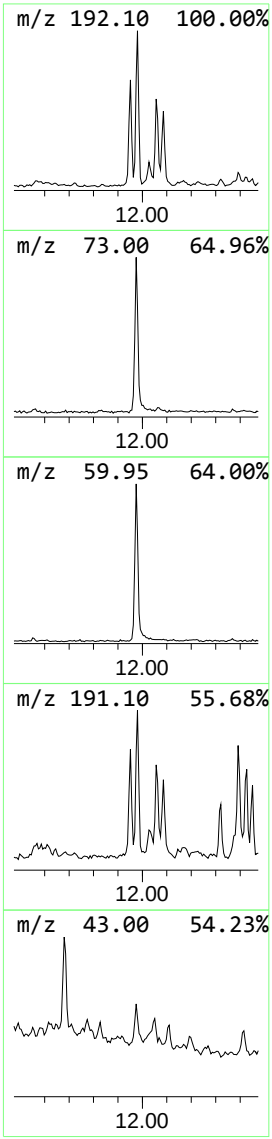
****

Peak Number 19 unknown11.974 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	27.91 ng	2067490	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

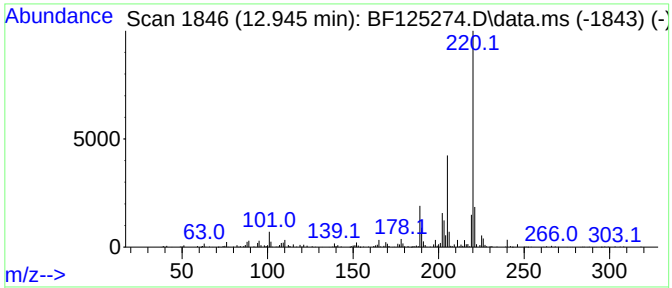
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

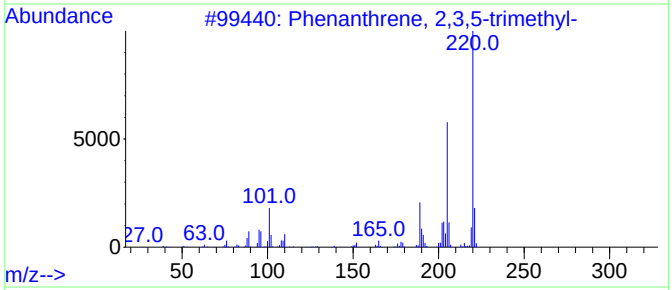
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

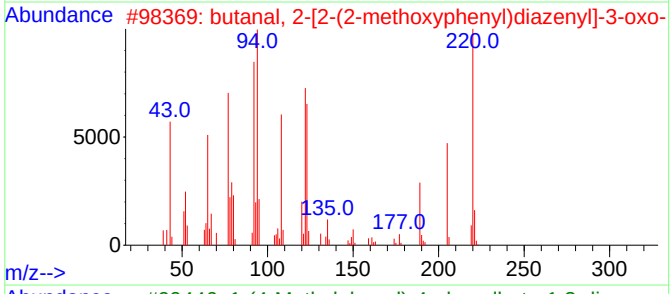
****
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 20

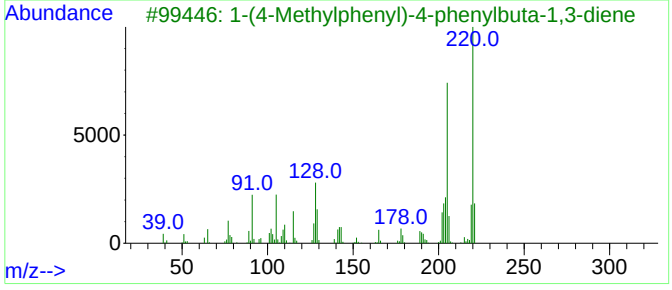
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	11.32 ng	577406	Chrysene-d12	14.086

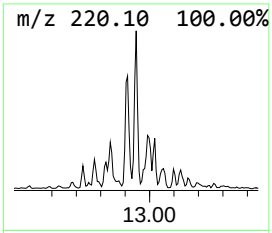
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	80
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
4	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	59
5	6,7,8,9-Tetrahydro-5-methylisoth...	220	C11H12N2OS	339156-87-5	59

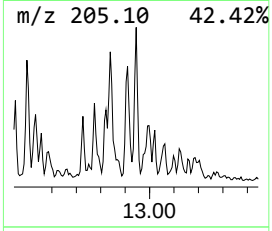


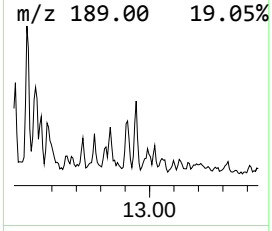


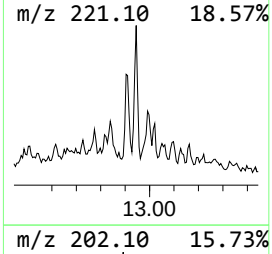


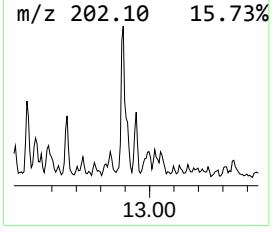












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125274.D
Acq On : 30 Aug 2021 21:32
Operator : JU/CG
Sample : M3561-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-7

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...	2.163	67.1	ng	3505190	1	6.916	1044310	20.0
Ethanol, 2-(2-b...	8.104	16.2	ng	1428260	2	8.198	1763850	20.0
Nonane, 3-methyl-	8.610	14.3	ng	1260200	2	8.198	1763850	20.0
1H-Indene, 2,3-...	8.827	13.5	ng	1191980	2	8.198	1763850	20.0
Dodecane, 2,7,1...	9.216	24.7	ng	2768720	3	9.957	2244070	20.0
Dodecane, 1-flu...	9.357	13.7	ng	1538800	3	9.957	2244070	20.0
3-Ethyl-2,6,10-...	9.674	44.8	ng	5027720	3	9.957	2244070	20.0
3-Hexadecene, (Z)-	9.822	12.1	ng	1353410	3	9.957	2244070	20.0
unknown9.869	9.869	19.9	ng	2228850	3	9.957	2244070	20.0
Naphthalene, 1,...	10.204	13.8	ng	1543170	3	9.957	2244070	20.0
Naphthalene, 1,...	10.274	12.9	ng	1450440	3	9.957	2244070	20.0
unknown10.363	10.363	13.4	ng	1507580	3	9.957	2244070	20.0
Tridecane, 3-me...	10.604	35.3	ng	3960050	3	9.957	2244070	20.0
Tridecane, 5-pr...	10.874	91.6	ng	6788880	4	11.451	1481750	20.0
Tritetracontane	11.333	52.2	ng	3865720	4	11.451	1481750	20.0
unknown11.510	11.510	12.7	ng	938423	4	11.451	1481750	20.0
2,5-Dimethyl-1,...	11.563	15.5	ng	1150130	4	11.451	1481750	20.0
2-Bromo dodecane	11.680	13.3	ng	987702	4	11.451	1481750	20.0
unknown11.974	11.974	27.9	ng	2067490	4	11.451	1481750	20.0
Phenanthrene, 2...	12.945	11.3	ng	577406	5	14.086	1020250	20.0