LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	544	549	552	rBV	2461173	2173536	74.49%	3.056%
2	6.128	648	653	660	rBV2	74448	101395	3.47%	0.143%
3	6.187	660	663	665	rVB	66854	55568	1.90%	0.078%
4	6.316	681	685	689	rBV3	43136	68578	2.35%	0.096%
5	6.422	698	703	709	rBV3	104397	150586	5.16%	0.212%
6	6.522	715	720	724	rBV	2370067	2293432	78.60%	3.225%
7	6.557	724	726	729	rVB2	58946	51492	1.76%	0.072%
8	6.628	733	738	742	rBV2	83413	122022	4.18%	0.172%
9	6.663	742	744	750	rVB3	93339	117230	4.02%	0.165%
10	6.728	750	755	756	rBV2	63099	78342	2.68%	0.110%
11	6.745	756	758	760	rVB2	71458	56943	1.95%	0.080%
12	6.804	764	768	769	rBV3	67642	70285	2.41%	0.099%
13	6.845	772	775	777	rVV3	118333	137309	4.71%	0.193%
14	6.892	779	783	786	rVB	1059239	921161	31.57%	1.295%
15	6.940	786	791	794	rBV4	116371	184732	6.33%	0.260%
16	6.992	794	800	803	rVV3	180081	306588	10.51%	0.431%
17	7.028	803	806	810	rVV	230603	248940	8.53%	0.350%
18	7.063	810	812	814	rVV	121894	90553	3.10%	0.127%
19	7.110	818	820	823	rVV3	154276	131411	4.50%	0.185%
20	7.157	823	828	831	rVB	413584	425605	14.59%	0.598%
21	7.228	836	840	842	rBV3	81667	106445	3.65%	0.150%
22	7.287	842	850	852	rBV3	232014	329831	11.30%	0.464%
23	7.310	852	854	859	rVB5	185211	227958	7.81%	0.321%
24	7.357	859	862	866	rBV3	105791	163449	5.60%	0.230%
25	7.416	867	872	875	rBV3	241919	412131	14.12%	0.579%
26	7.457	875	879	883	rBV	1737467	1602021	54.90%	2.253%
27	7.492	883	885	886	rVB2	141276	96794	3.32%	0.136%
28	7.534	886	892	894	rBV4	499285	802432	27.50%	1.128%
29	7.581	894	900	904	rBV2	393903	742955	25.46%	1.045%
30	7.634	905	909	911	rBV4	155485	177781	6.09%	0.250%
31	7.663	911	914	917	rBV2	590758	557533	19.11%	0.784%
32	7.692	917	919	921	rBV3	358611	290066	9.94%	0.408%
33	7.716	921	923	925	rVB	230696	174179	5.97%	0.245%
34	7.763	927	931	934	rBV4	305848	368629	12.63%	0.518%
35	7.810	936	939	942	rBV2	677705	582452	19.96%	0.819%
36	7.839	942	944	948	rVB2	378005	476022	16.31%	0.669%

LSC Area Percent Report

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Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.881	948	951	953	rBV3	245709	244996	8.40%	0.344%
38	7.916	953	957	961	rBV4	234787	439014	15.05%	0.617%
39	7.957	961	964	966	rBV2	182207	160745	5.51%	0.226%
40	7.987	966	969	975	rBV5	281658	453535	15.54%	0.638%
41	8.045	975	979	981	rBV2	522197	524944	17.99%	0.738%
42	8.075	981	984	986	rBV	421866	449853	15.42%	0.633%
43	8.122	987	992	995	rBV5	381432	537864	18.43%	0.756%
44	8.151	995	997	999	rBV2	323041	360354	12.35%	0.507%
45	8.175	999	1001	1003	rVB	1003870	698519	23.94%	0.982%
46	8.198	1003	1005	1007	rBV3	208336	179336	6.15%	0.252%
47	8.228	1007	1010	1013	rVB	1584035	1472938	50.48%	2.071%
48	8.257	1013	1015	1018	rBV4	763243	880702	30.18%	1.238%
49	8.328	1023	1027	1028	rBV4	356256	500770	17.16%	0.704%
50	8.345	1028	1030	1032	rBV2	274839	283962	9.73%	0.399%
51	8.375	1032	1035	1037	rVB2	946068	881730	30.22%	1.240%
52	8.463	1046	1050	1055	rBV5	810729	1248757	42.80%	1.756%
53	8.516	1056	1059	1063	rVB4	640021	640924	21.97%	0.901%
54	8.551	1063	1065	1068	rVB3	427091	460861	15.79%	0.648%
55	8.586	1069	1071	1073	rBV	528503	428187	14.67%	0.602%
56	8.616	1073	1076	1078	rBV3	779188	717542	24.59%	1.009%
57	8.681	1084	1087	1089	rBV2	800971	639875	21.93%	0.900%
58	8.716	1089	1093	1095	rBV4	1092739	1293395	44.33%	1.819%
59	8.739	1095	1097	1099	rVV2	260800	238344	8.17%	0.335%
60	8.798	1105	1107	1110	rBV3	455235	642277	22.01%	0.903%
61	8.863	1114	1118	1121	rVB2	1442553	1907182	65.36%	2.682%
62	8.922	1126	1128	1131	rBV3	627850	571707	19.59%	0.804%
63	8.951	1131	1133	1136	rBV5	689458	803751	27.55%	1.130%
64	9.004	1139	1142	1144	rBV2	1337173	1142960	39.17%	1.607%
65	9.051	1147	1150	1154	rBV5	1010860	1732401	59.37%	2.436%
66	9.092	1154	1157	1160	rVB4	669958	814047	27.90%	1.145%
67	9.122	1160	1162	1164	rBV2	389968	350487	12.01%	0.493%
68	9.175	1168	1171	1172	rVB	577465	466743	16.00%	0.656%
69	9.198	1172	1175	1176	rBV2	459331	477061	16.35%	0.671%
70	9.257	1181	1185	1189	rVB	2531767	2470403	84.66%	3.474%
71	9.292	1189	1191	1193	rBV3	510547	364523	12.49%	0.513%
72	9.339	1194	1199	1202	rBV2	1961795	2741975	93.97%	3.855%
73	9.375	1202	1205	1206	rVV2	806033	741254	25.40%	1.042%
74	9.410	1209	1211	1213	rVB	1127750	782887	26.83%	1.101%
75	9.569	1236	1238	1240	rBV3	686135	675773	23.16%	0.950%
76	9.645	1248	1251	1256	rBV2	2429943	2917910	100.00%	4.103%

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Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PPSP-B8-19.0-19.5

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.686	1256	1258	1260	rVV2	967888	766697	26.28%	1.078%
78	9.757	1268	1270	1272	rVB	977601	750083	25.71%	1.055%
79	9.810	1275	1279	1281	rBV3	1354645	1625881	55.72%	2.286%
80	9.851	1284	1286	1289	rVB3	1517709	1339947	45.92%	1.884%
81	9.975	1305	1307	1308	rBV2	654305	492196	16.87%	0.692%
82	10.045	1316	1319	1323	rBV4	761426	1001466	34.32%	1.408%
83	10.192	1341	1344	1347	rBV3	1298433	1724884	59.11%	2.425%
84	10.263	1353	1356	1360	rBV4	1186667	1983695	67.98%	2.789%
85	10.351	1368	1371	1375	rBV5	1123646	1175682	40.29%	1.653%
86	10.428	1381	1384	1389	rVB6	732695	1175227	40.28%	1.652%
87	10.639	1417	1420	1423	rBV4	790831	949194	32.53%	1.335%
88	10.739	1434	1437	1440	rBV2	1744152	2032535	69.66%	2.858%
89	10.851	1454	1456	1459	rBV3	666482	602380	20.64%	0.847%
90	11.186	1511	1513	1514	rBV2	709628	565327	19.37%	0.795%
91	11.239	1520	1522	1525	rVB2	614522	488583	16.74%	0.687%
92	11.433	1552	1555	1558	rBV2	842789	938004	32.15%	1.319%
93	11.669	1592	1595	1598	rBV4	661845	731785	25.08%	1.029%
94	11.939	1639	1641	1643	rBV	616395	543541	18.63%	0.764%
95	12.416	1719	1722	1724	rVB	462625	411297	14.10%	0.578%
96	12.486	1732	1734	1737	rVB	855420	746908	25.60%	1.050%
97	12.933	1807	1810	1813	rVB	550456	543561	18.63%	0.764%
98	13.016	1821	1824	1827	rBV	1644387	1333414	45.70%	1.875%
99	14.068	2000	2003	2014	rVB	487875	469094	16.08%	0.660%
100	15.563	2252	2257	2261	rVB	383997	490967	16.83%	0.690%

Sum of corrected areas: 71119222

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127130.D
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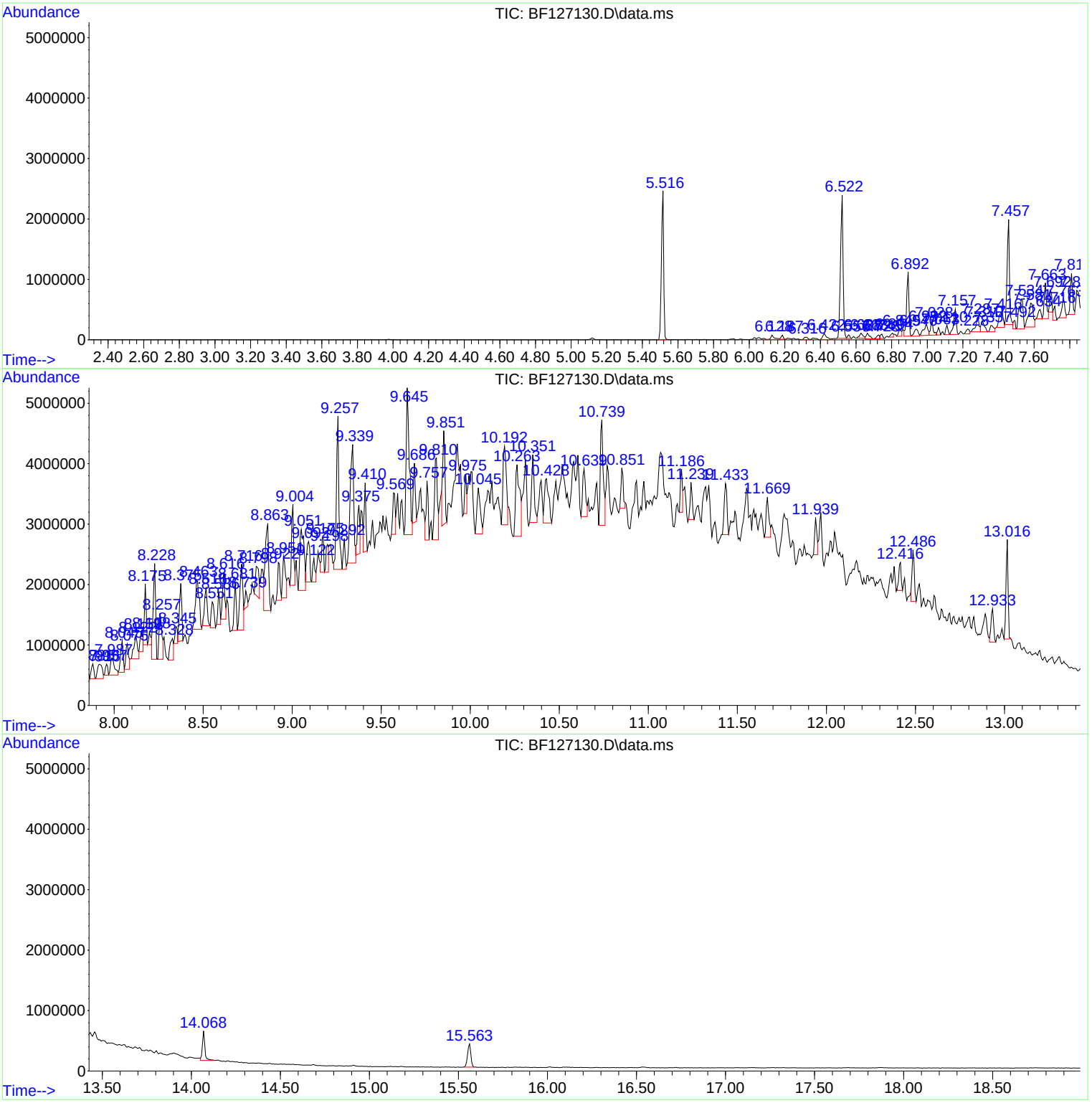
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF030122\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

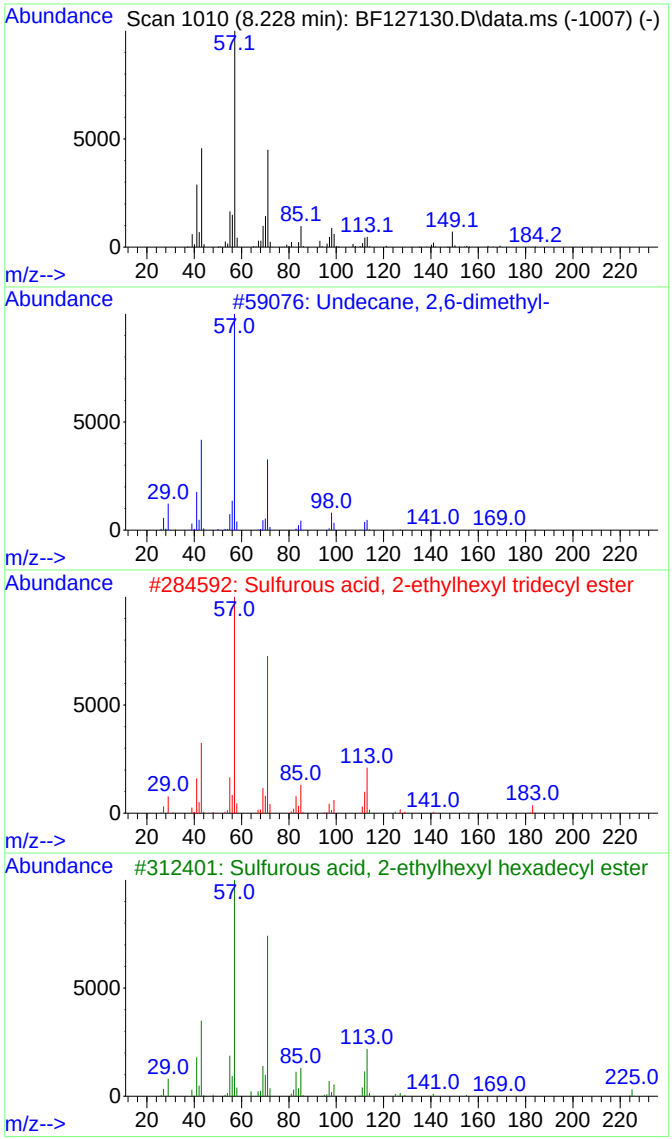
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

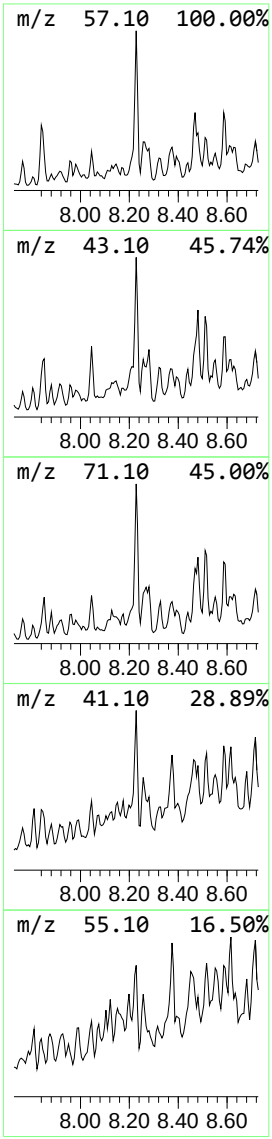
****

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	42.17 ng	1472940	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
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Instrument :
BNA_F
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PPSP-B8-19.0-19.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

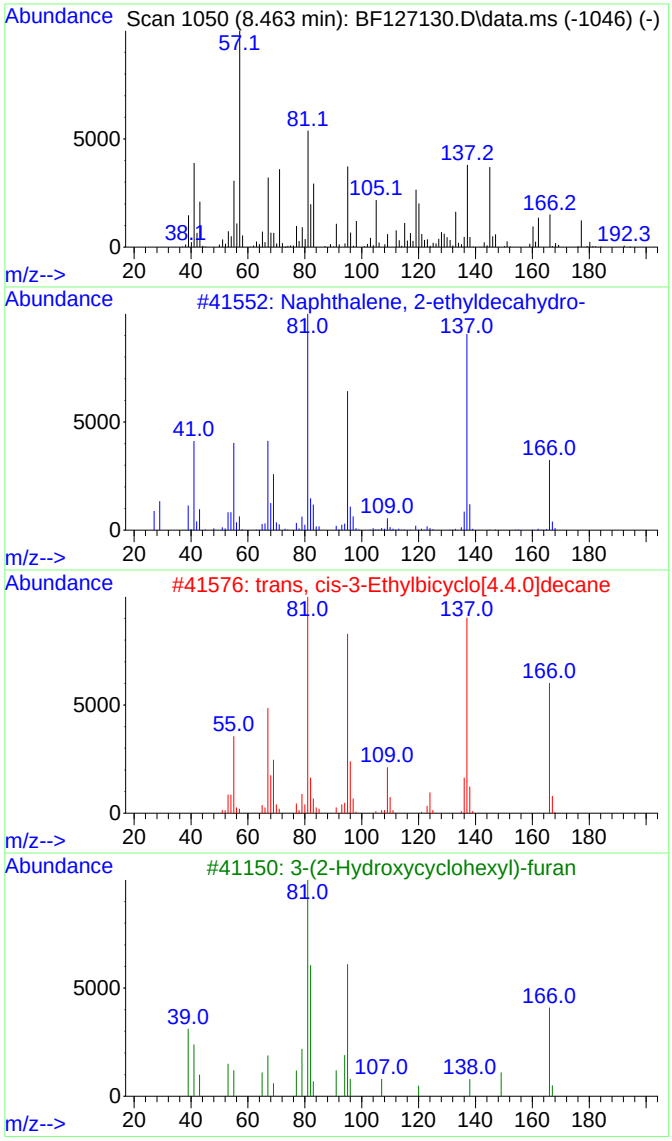
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

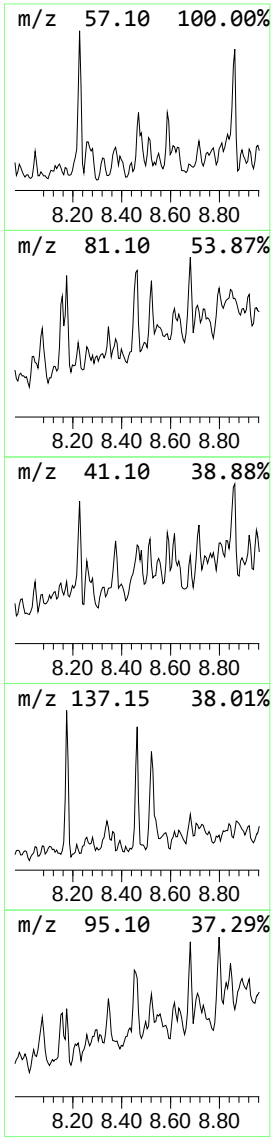
****

Peak Number 2 unknown8.463 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	35.75 ng	1248760	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	20
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	14
3	3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	9
4	Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	9
5	Phosphonous dichloride, (1,7,7-t...	238	C10H17Cl2P	074630-16-3	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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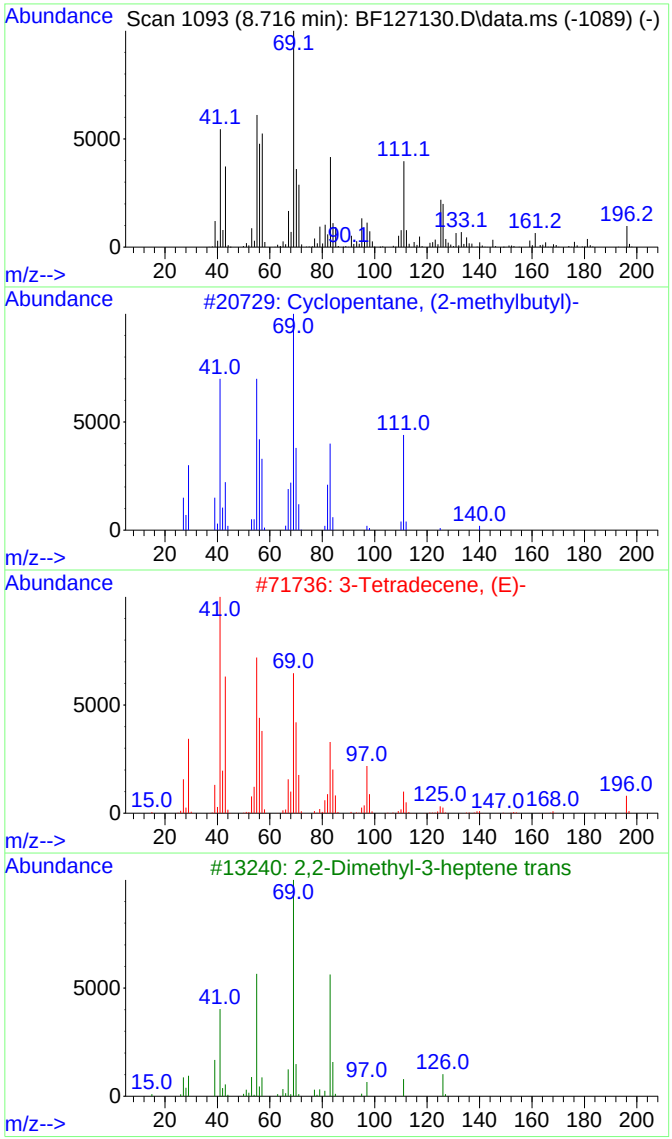
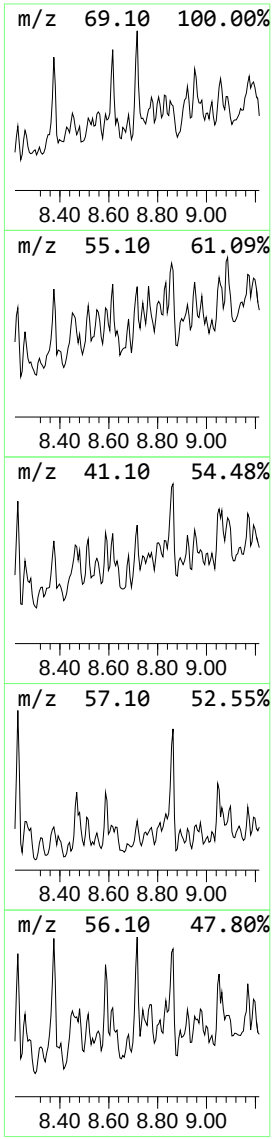
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, (2-methylbutyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.716	37.03 ng	1293400	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	52
3	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45
5	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	41





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BNA_F
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PPSP-B8-19.0-19.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

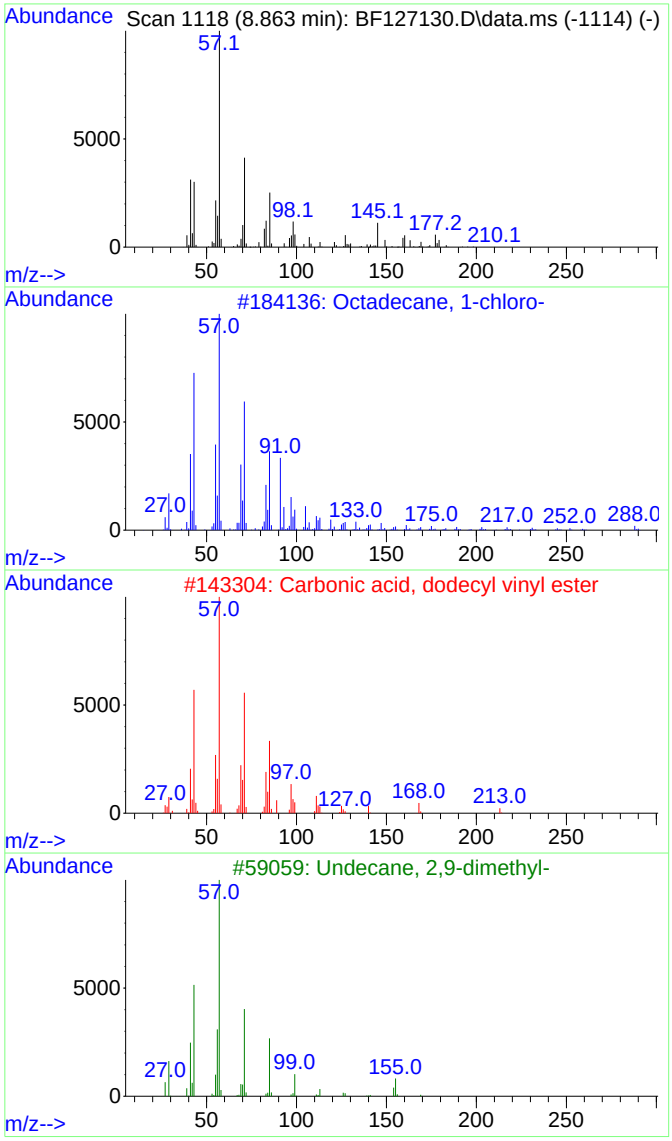
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

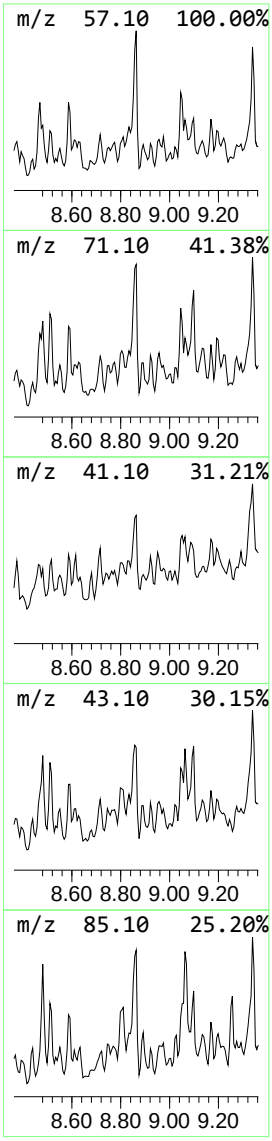
****

Peak Number 4 Octadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	54.61 ng	1907180	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
2	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	50
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	47
5	Tridecane	184	C13H28	000629-50-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

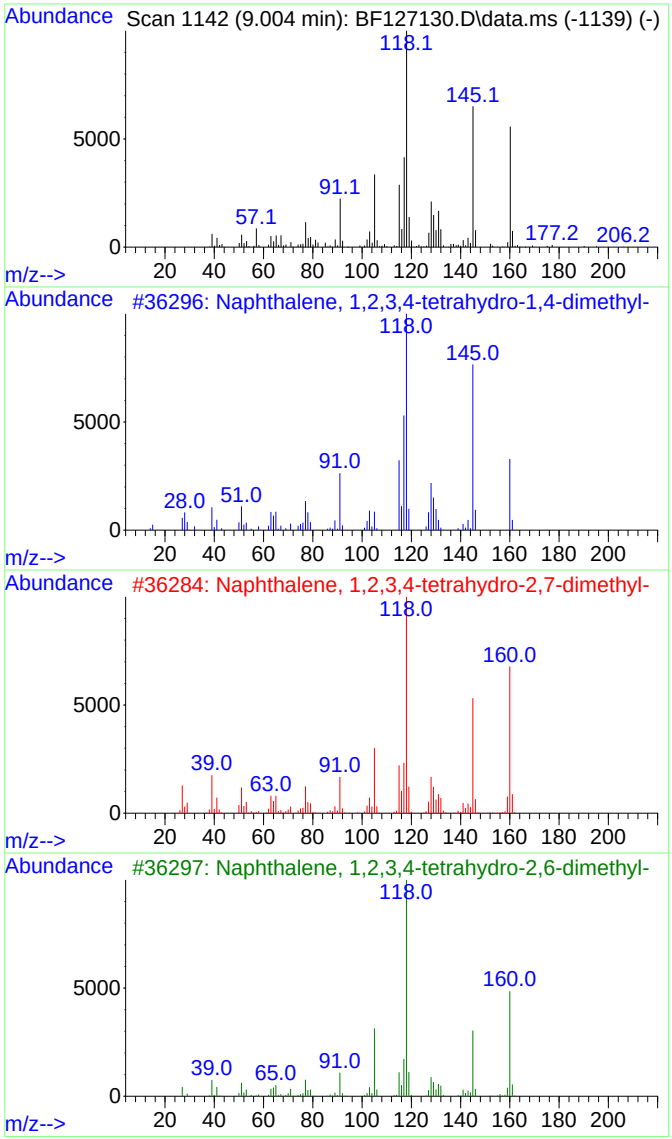
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

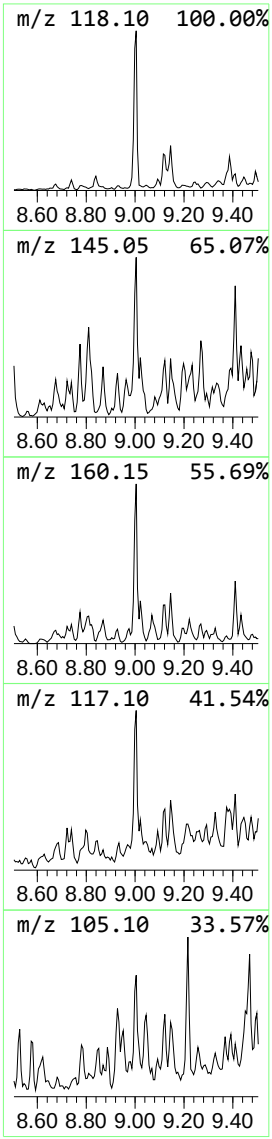
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	32.73 ng	1142960	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	53
5	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	52





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Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
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Instrument :
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ClientSampleId :
PPSP-B8-19.0-19.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

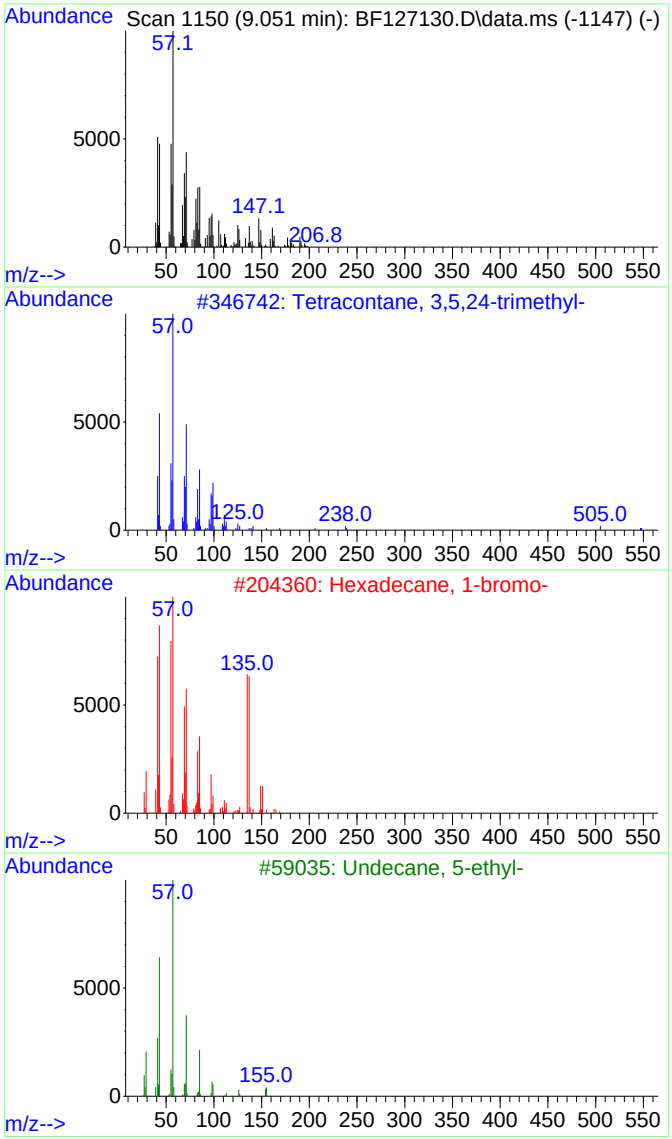
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

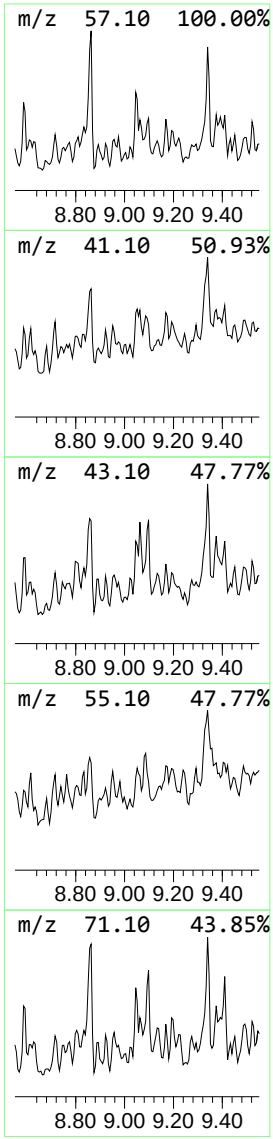
****

Peak Number 6 Tetracontane, 3,5,24-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.051	49.60 ng	1732400	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	50
2	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	46
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	35
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
5	Tetradecane	198	C14H30	000629-59-4	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

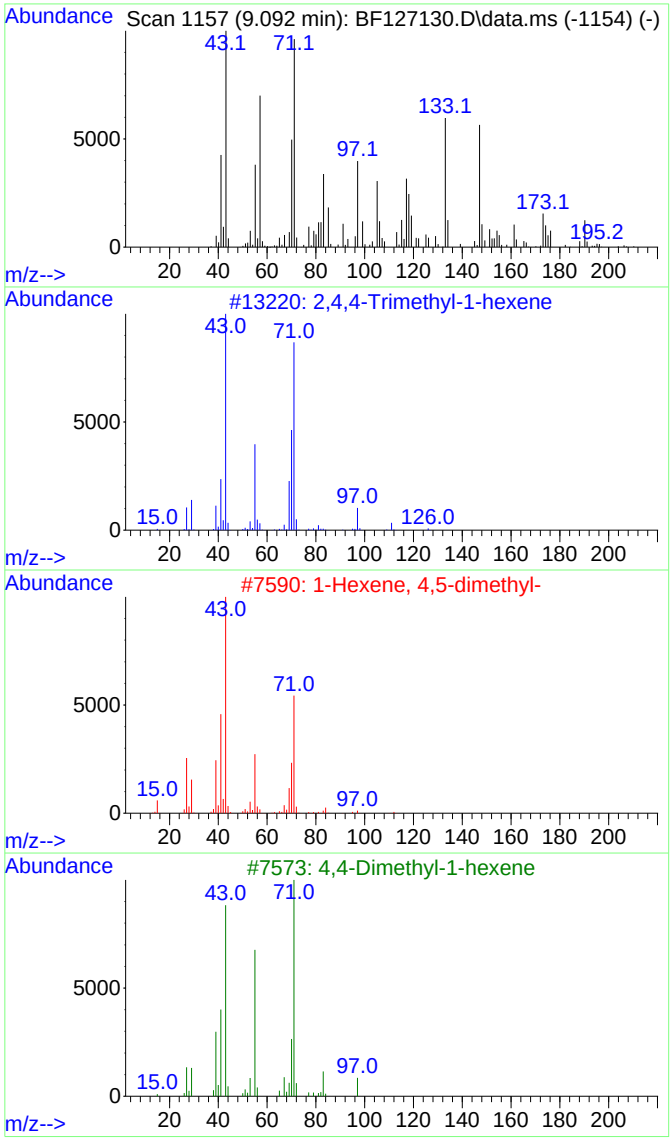
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

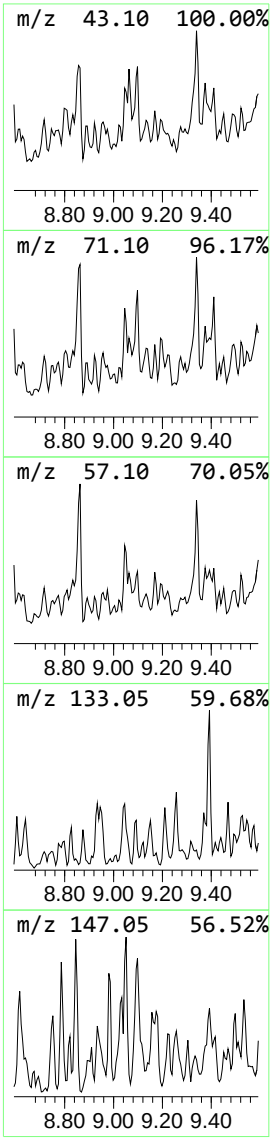
****

Peak Number 7 unknown9.092 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	33.08 ng	814047	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	27
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	27
3	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	22
4	Oxirane, decyl-	184	C12H24O	002855-19-8	15
5	4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

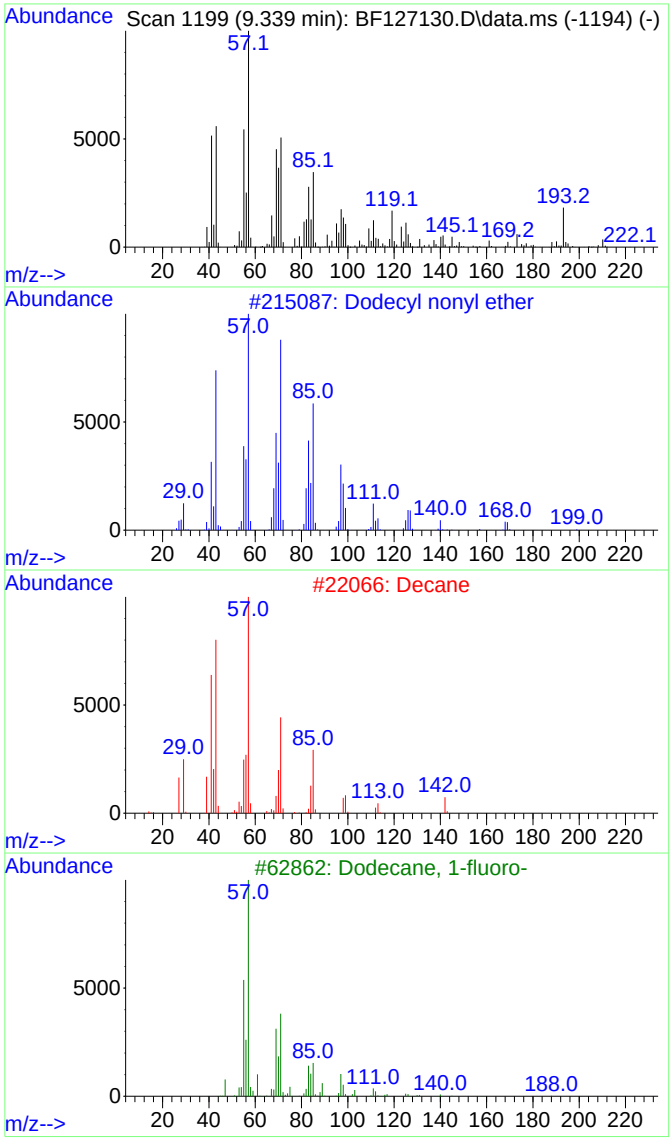
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

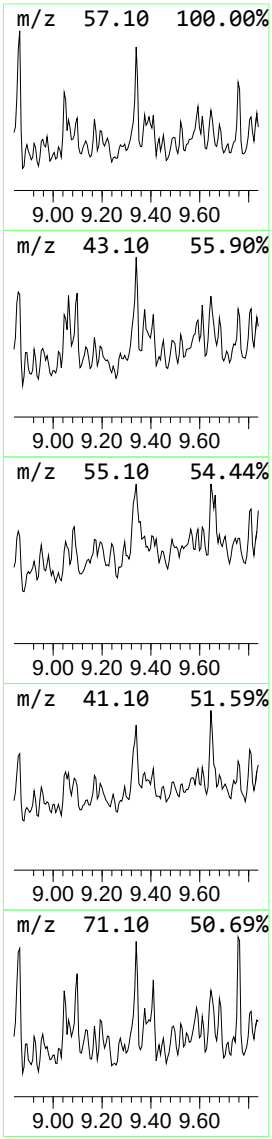
****

Peak Number 8 Dodecyl nonyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	111.42 ng	2741980	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	64
2	Decane	142	C10H22	000124-18-5	60
3	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	53
4	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	52
5	Undecane	156	C11H24	001120-21-4	49





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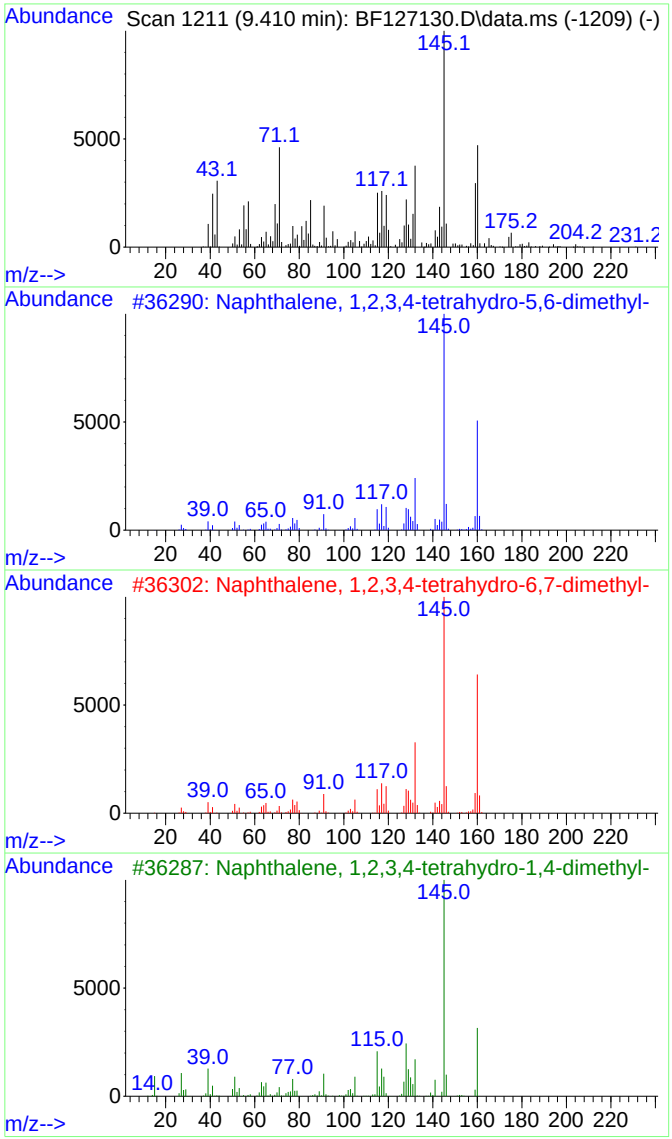
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

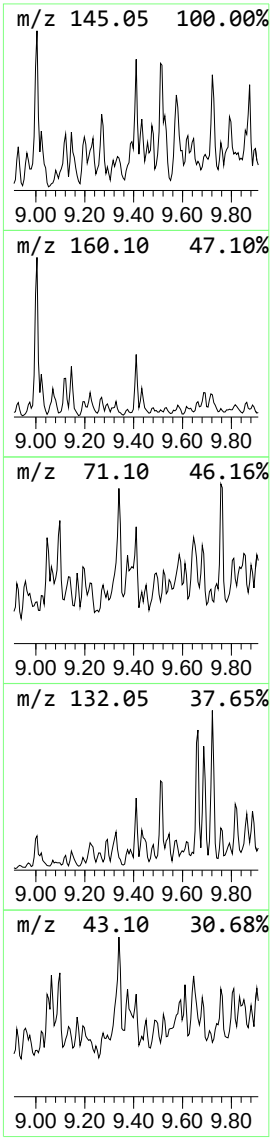
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	31.81 ng	782887	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	68
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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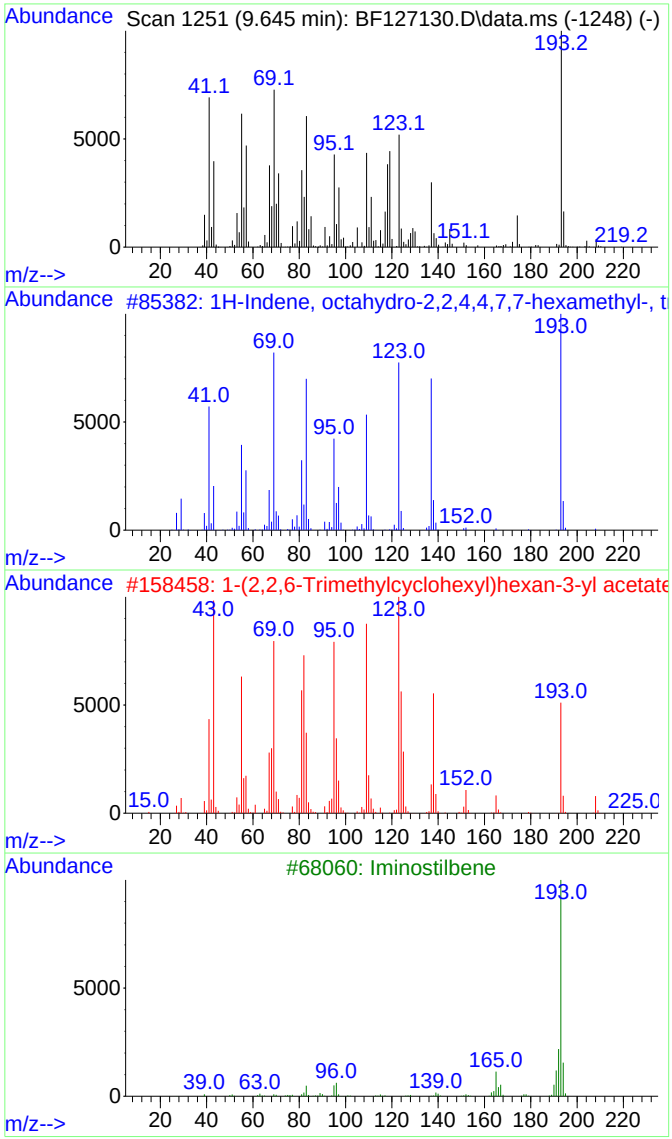
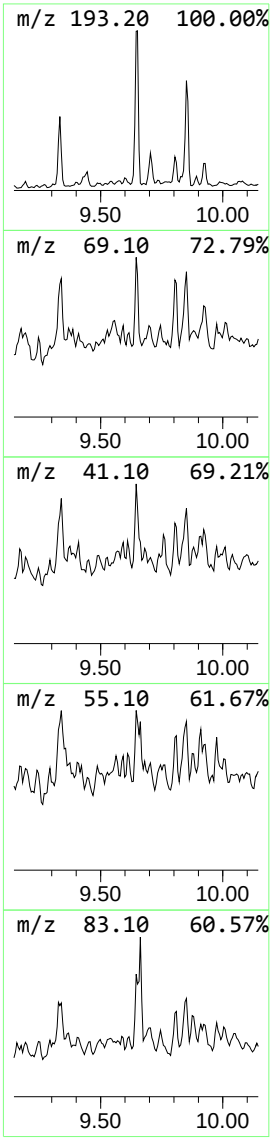
Peak Number 10 unknown9.645 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	118.57 ng	2917910	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2	1-(2,2,6-Trimethylcyclohexyl)hex...	268	C17H32O2	1000498-96-1	25
3	Iminostilbene	193	C14H11N	000256-96-2	22
4	Desoxy-minoxidyl	193	C9H15N5	024867-26-3	22
5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	16





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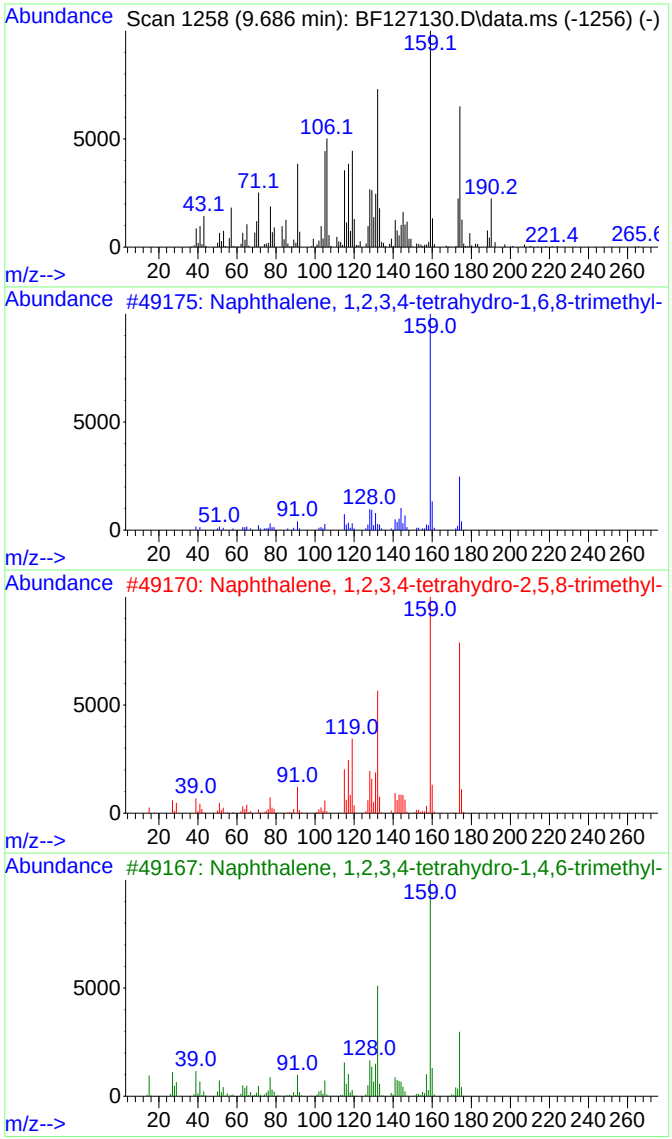
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

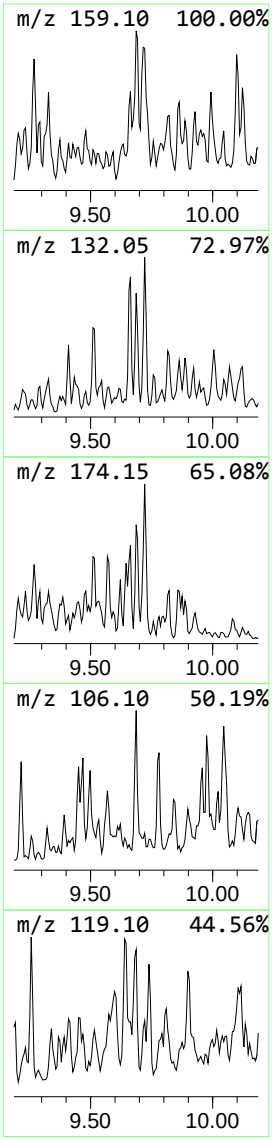
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	31.15 ng	766697	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	83
4	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	70
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

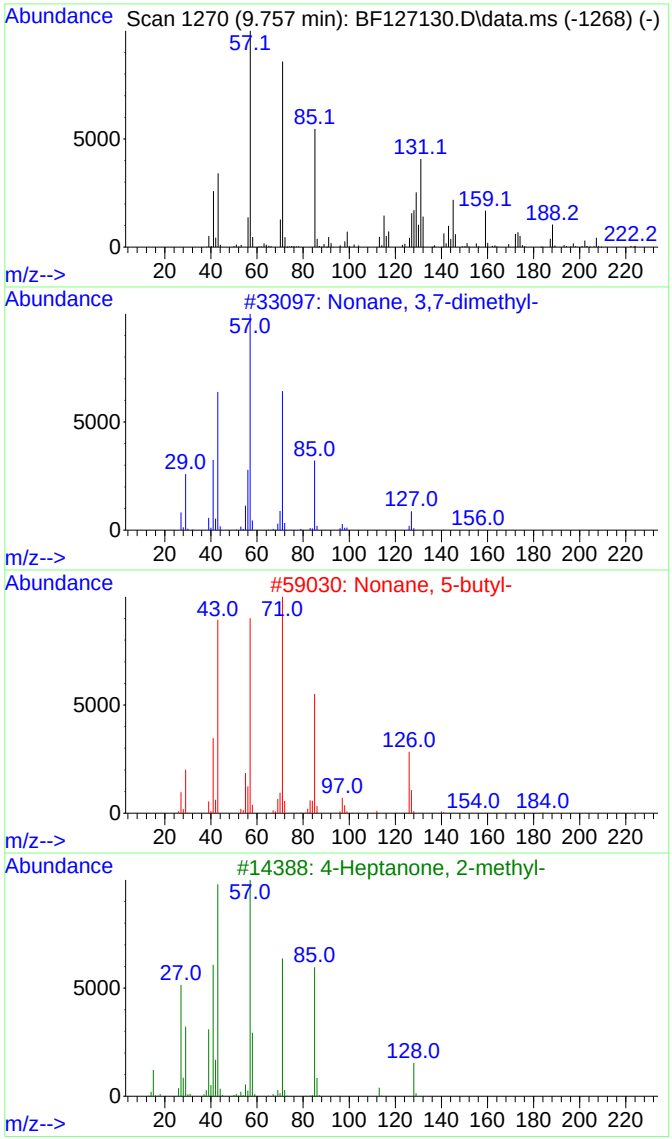
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

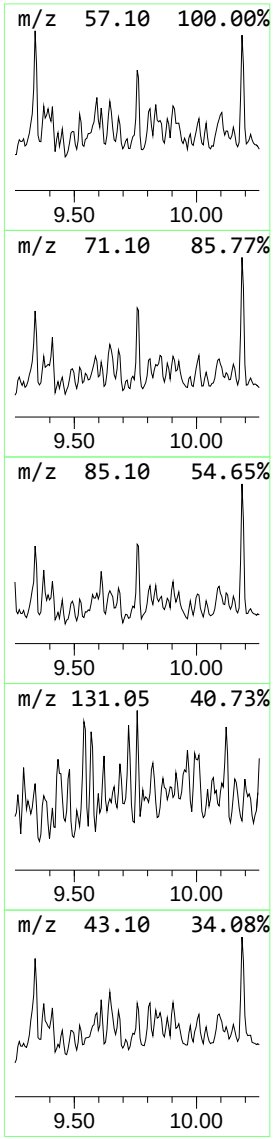
****

Peak Number 12 unknown9.757 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	30.48 ng	750083	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	41
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
3	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	38
4	Succinic acid, 2-chloro-6-fluoro...	330	C15H16ClFO5	1000390-72-1	38
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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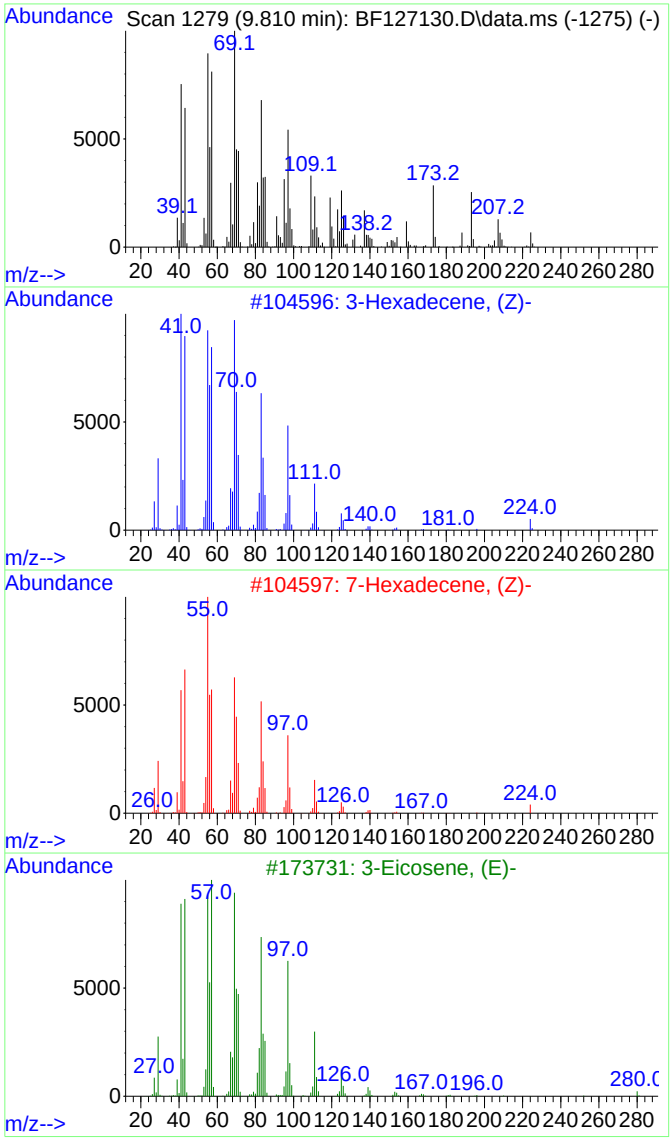
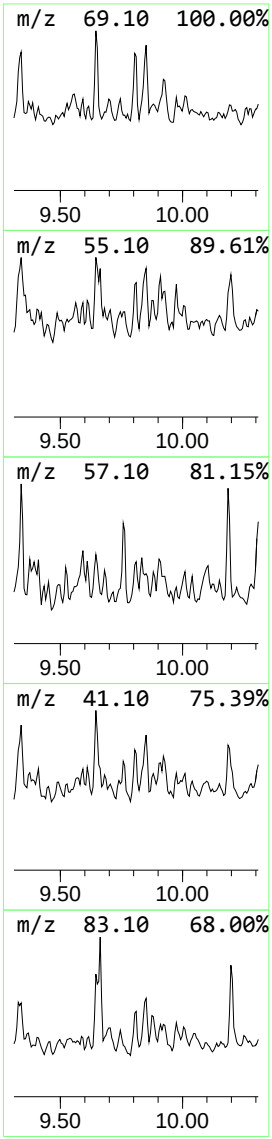
Peak Number 13 3-Hexadecene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	66.07 ng	1625880	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	70
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	70
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	60
4	Cetene	224	C16H32	000629-73-2	53
5	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	53





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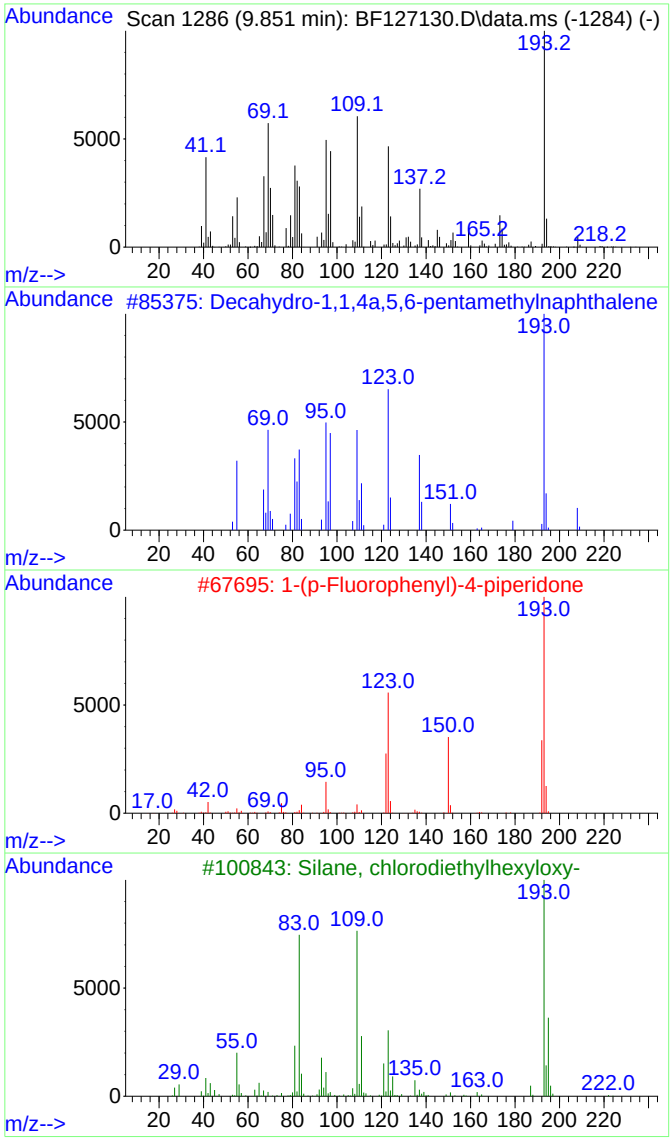
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

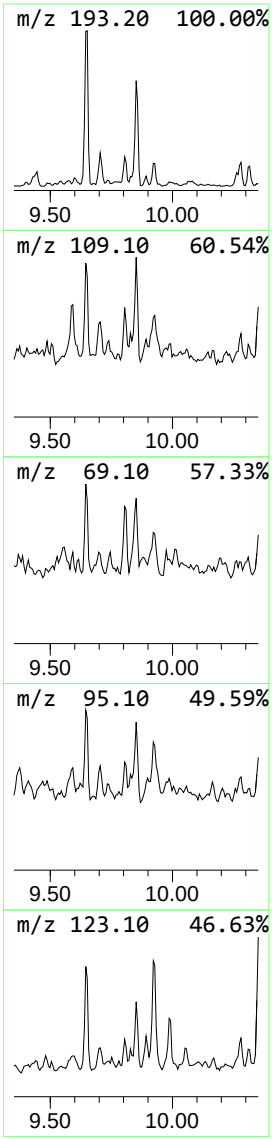
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	54.45 ng	1339950	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	80
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	32
4	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	25
5	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	25





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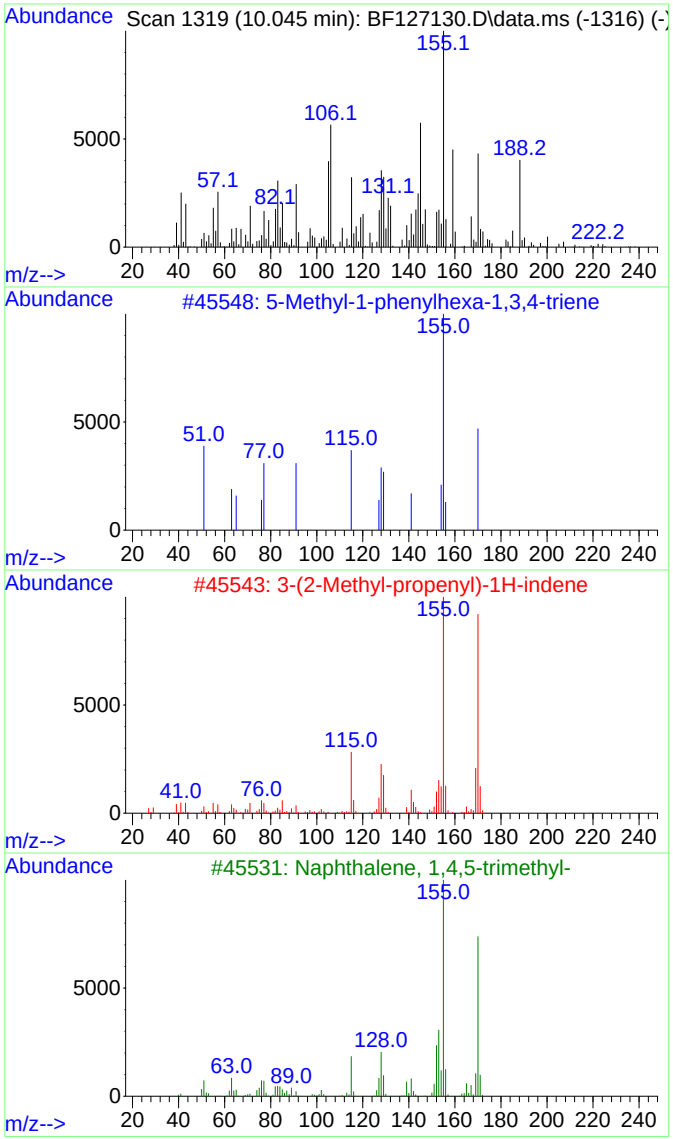
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

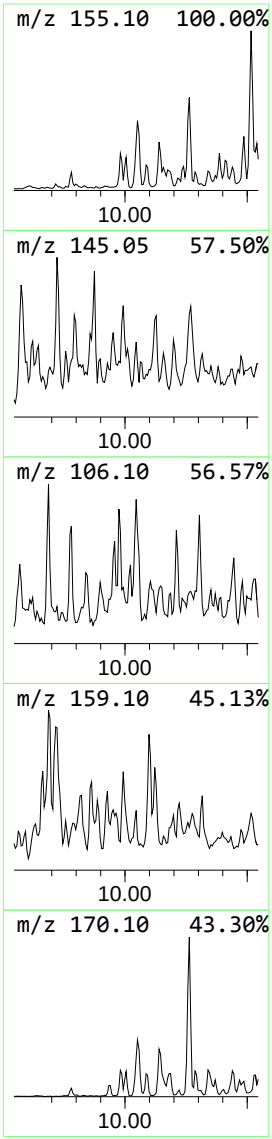
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5-Methyl-1-phenylhexa-1,3,4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.045	40.69 ng	1001470	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	51
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	47
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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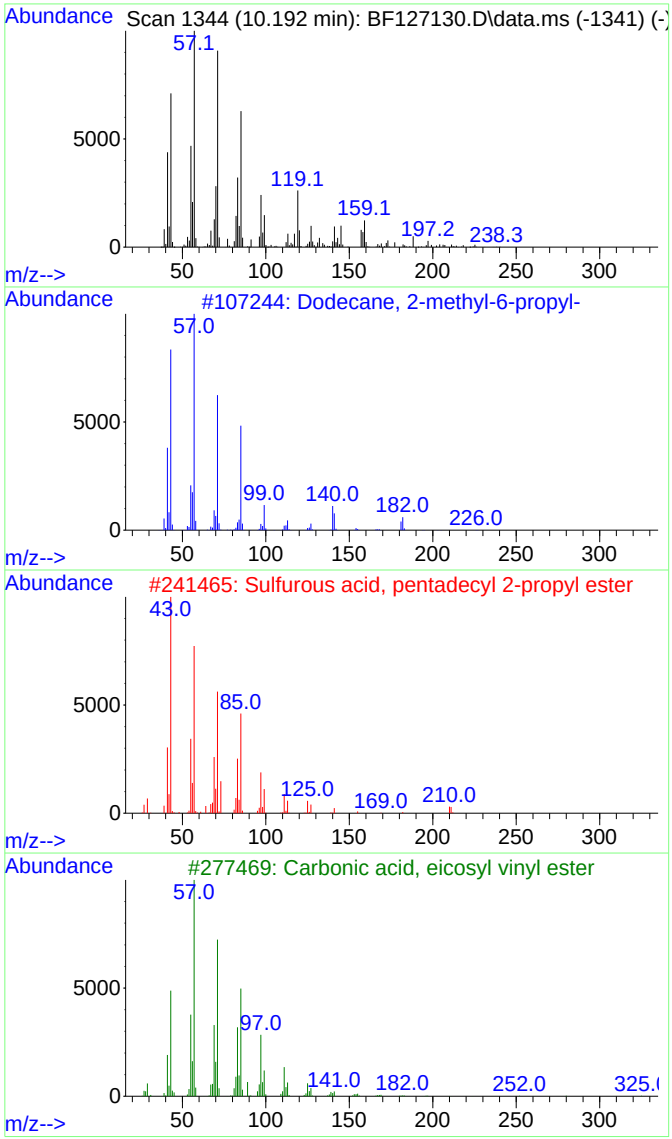
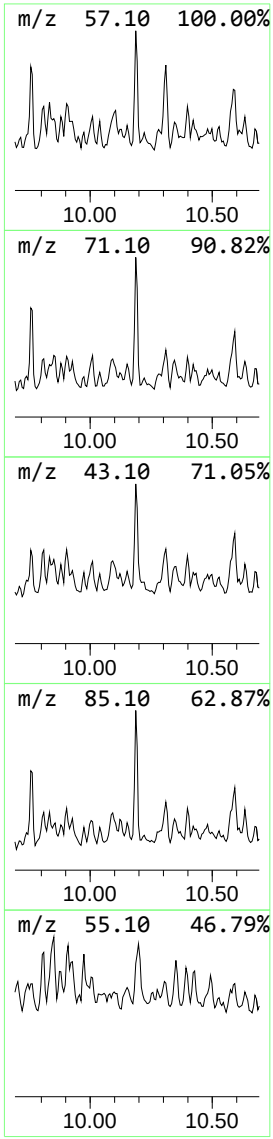
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	70.09 ng	1724880	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
4	Hexadecane	226	C16H34	000544-76-3	53
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	52





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Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

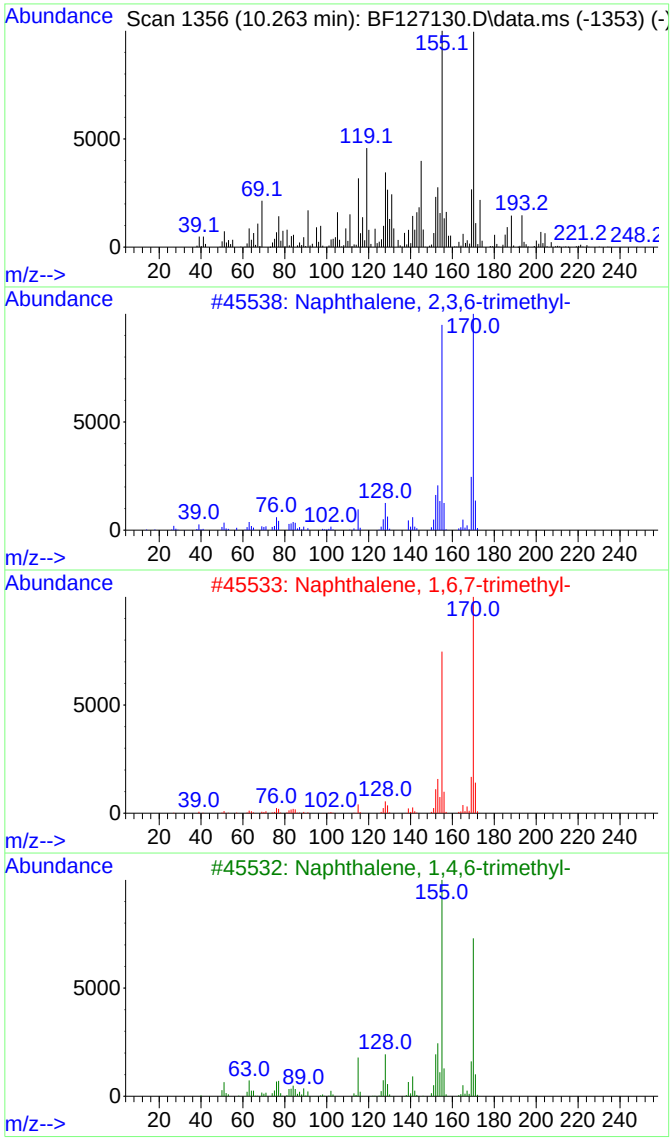
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

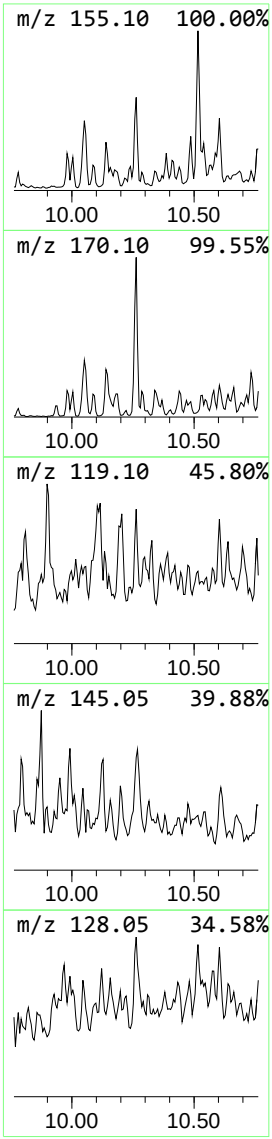
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	80.61 ng	1983700	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

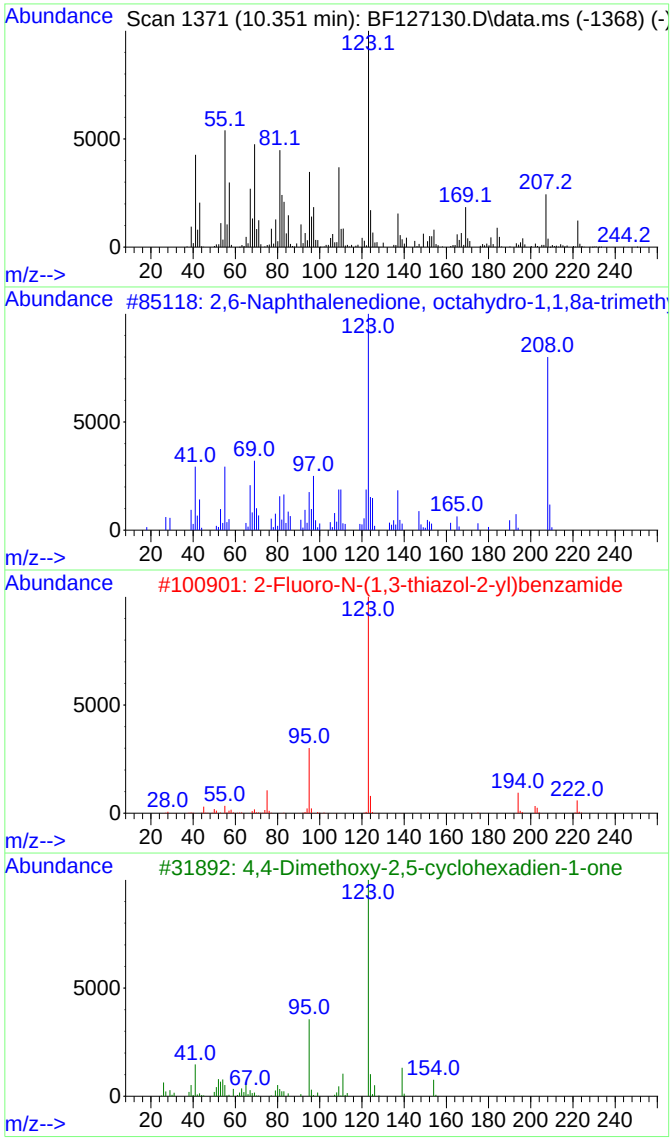
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

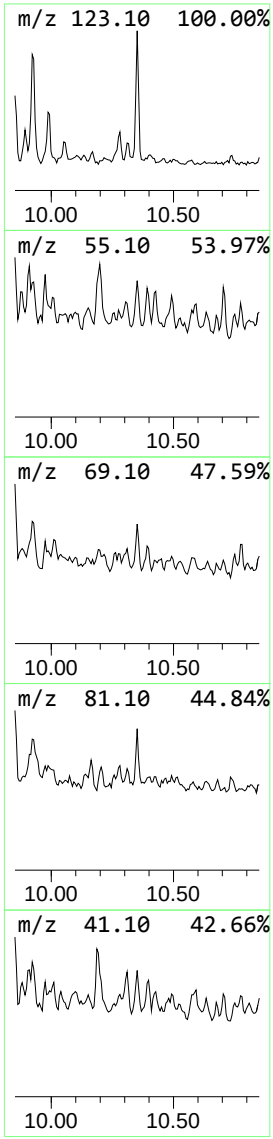
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,6-Naphthalenedione, octah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	47.77 ng	1175680	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	58
2	2-Fluoro-N-(1,3-thiazol-2-yl)ben...	222	C10H7FN2OS	000319-38-0	49
3	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	46
4	4-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15FO2	069912-03-4	46
5	3-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15FO2	204779-85-1	46





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Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

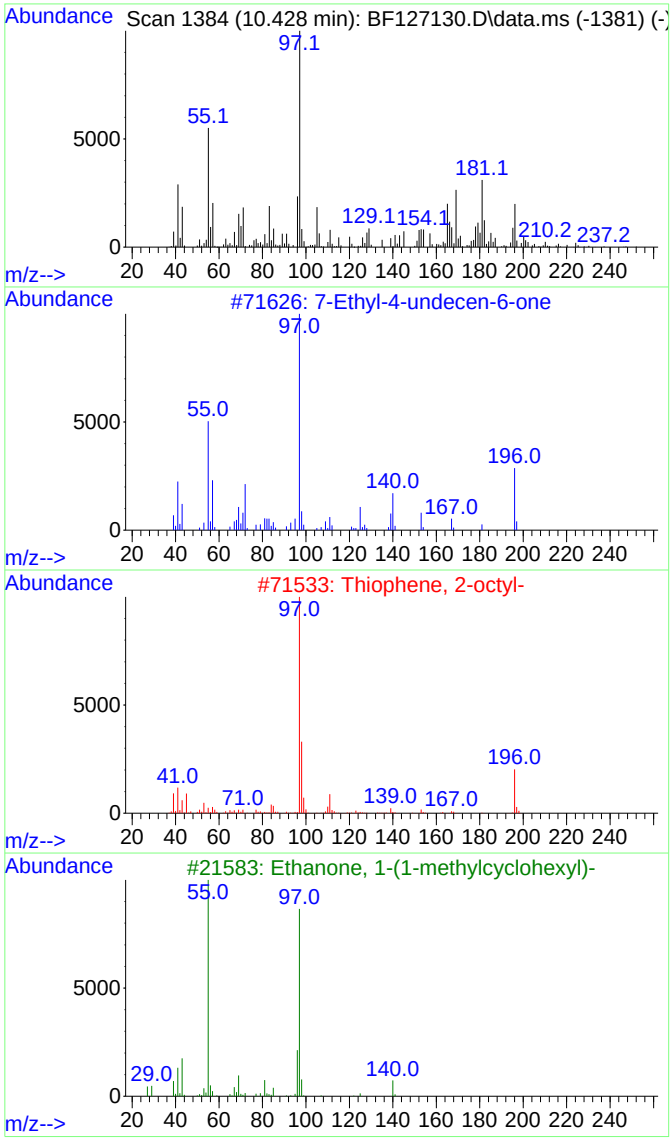
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

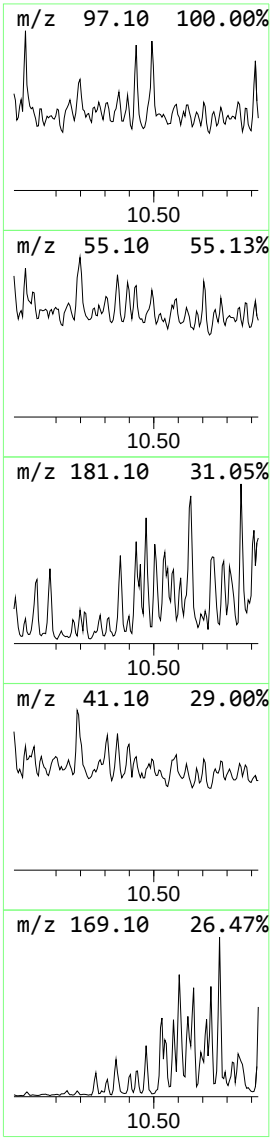
****

Peak Number 19 unknown10.428 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	47.75 ng	1175230	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Ethyl-4-undecen-6-one	196	C13H24O	1000374-07-4	38
2	Thiophene, 2-octyl-	196	C12H20S	000880-36-4	35
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	35
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	35
5	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	35





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Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

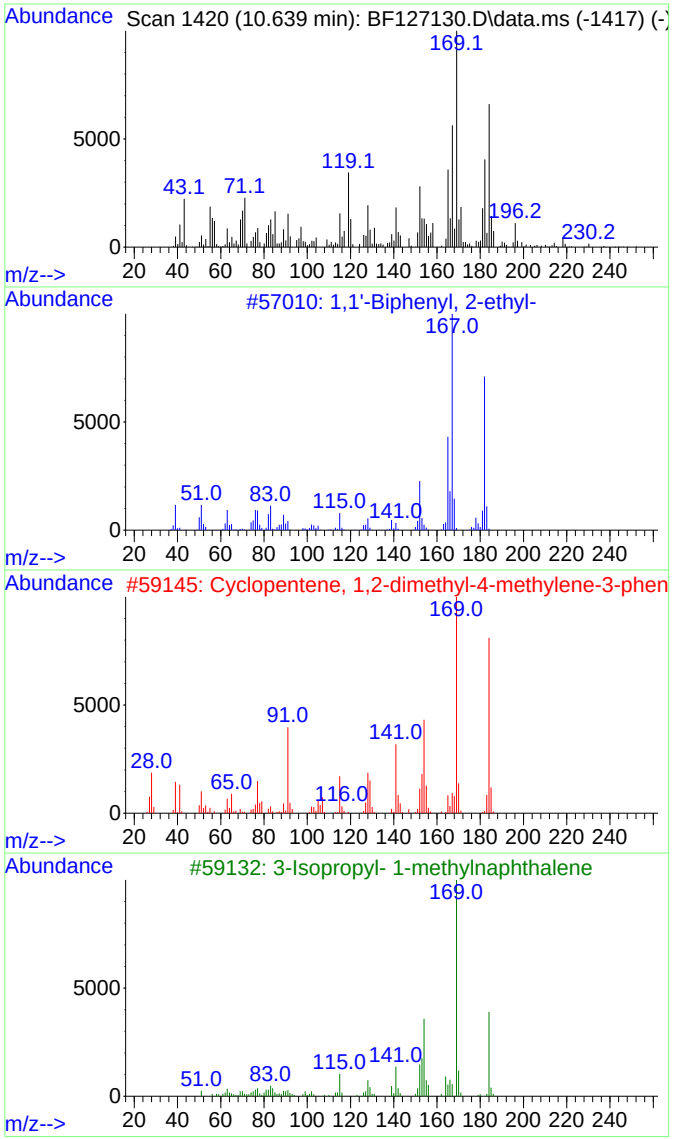
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

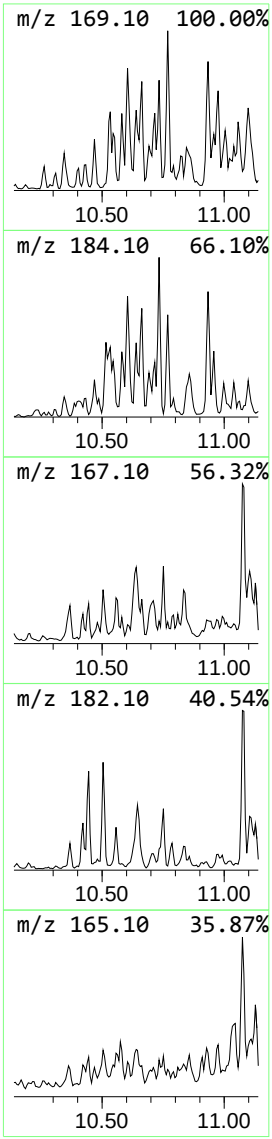
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	38.57 ng	949194	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	70
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
3	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	64
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
5	2-Isopropyl-3-methylnaphthalene	184	C14H16	1000383-71-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127130.D
Acq On : 01 Mar 2022 21:54
Operator : CG\JU
Sample : N1709-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-19.0-19.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Undecane, 2,6-d...	8.228	42.2	ng	1472940	2	8.175	698519	20.0
unknown8.463	8.463	35.8	ng	1248760	2	8.175	698519	20.0
Cyclopentane, (...	8.716	37.0	ng	1293400	2	8.175	698519	20.0
Octadecane, 1-c...	8.863	54.6	ng	1907180	2	8.175	698519	20.0
Naphthalene, 1,...	9.004	32.7	ng	1142960	2	8.175	698519	20.0
Tetracontane, 3...	9.051	49.6	ng	1732400	2	8.175	698519	20.0
unknown9.092	9.092	33.1	ng	814047	3	9.945	492196	20.0
Dodecyl nonyl e...	9.339	111.4	ng	2741980	3	9.945	492196	20.0
Naphthalene, 1,...	9.410	31.8	ng	782887	3	9.945	492196	20.0
unknown9.645	9.645	118.6	ng	2917910	3	9.945	492196	20.0
Naphthalene, 1,...	9.686	31.1	ng	766697	3	9.945	492196	20.0
unknown9.757	9.757	30.5	ng	750083	3	9.945	492196	20.0
3-Hexadecene, (Z)-	9.810	66.1	ng	1625880	3	9.945	492196	20.0
Decahydro-1,1,4...	9.851	54.5	ng	1339950	3	9.945	492196	20.0
5-Methyl-1-phen...	10.045	40.7	ng	1001470	3	9.945	492196	20.0
Dodecane, 2-met...	10.192	70.1	ng	1724880	3	9.945	492196	20.0
Naphthalene, 2,...	10.263	80.6	ng	1983700	3	9.945	492196	20.0
2,6-Naphthalene...	10.351	47.8	ng	1175680	3	9.945	492196	20.0
unknown10.428	10.428	47.8	ng	1175230	3	9.945	492196	20.0
1,1'-Biphenyl, ...	10.639	38.6	ng	949194	3	9.945	492196	20.0