LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M21013-N48854-1040

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	562	566	575	rVB	1344411	1249872	3.29%	0.520%
2	6.410	731	735	737	rBV	707770	832612	2.19%	0.346%
3	6.451	737	742	745	rVB2	1964286	2512044	6.60%	1.045%
4	6.810	800	803	805	rBV	663883	575389	1.51%	0.239%
5	7.075	841	848	851	rBV	5148587	7461225	19.61%	3.103%
6	7.240	866	876	878	rBV	4426337	6873663	18.07%	2.858%
7	7.293	881	885	886	rBV2	733629	668994	1.76%	0.278%
8	7.310	886	888	890	rVB	532869	428366	1.13%	0.178%
9	7.351	890	895	897	rBV2	803711	948281	2.49%	0.394%
10	7.375	897	899	902	rVV	1114900	986204	2.59%	0.410%
11	7.463	909	914	917	rVB5	388256	641250	1.69%	0.267%
12	7.510	917	922	928	rBV2	3162175	4080605	10.73%	1.697%
13	7.622	939	941	944	rVB2	479699	424958	1.12%	0.177%
14	7.663	944	948	952	rVB	1845731	1841780	4.84%	0.766%
15	7.716	952	957	959	rBV3	637757	908538	2.39%	0.378%
16	7.798	959	971	973	rVB	7199175	17237903	45.32%	7.168%
17	7.840	976	978	980	rBV2	695601	639270	1.68%	0.266%
18	7.963	980	999	1001	rBV	8380828	38040110	100.00%	15.819%
19	7.987	1001	1003	1006	rVV2	2872495	3346948	8.80%	1.392%
20	8.104	1010	1023	1025	rBV	7196381	14581988	38.33%	6.064%
21	8.128	1025	1027	1030	rVB2	894965	726829	1.91%	0.302%
22	8.169	1030	1034	1036	rBV2	2027861	1898823	4.99%	0.790%
23	8.198	1036	1039	1046	rVB7	979326	1679288	4.41%	0.698%
24	8.275	1046	1052	1054	rBV	2939415	3347826	8.80%	1.392%
25	8.310	1054	1058	1060	rVB	1480564	1512796	3.98%	0.629%
26	8.345	1060	1064	1066	rBV	2419964	2416948	6.35%	1.005%
27	8.381	1066	1070	1075	rVB2	3249899	3626724	9.53%	1.508%
28	8.510	1080	1092	1094	rVV2	6548361	19203340	50.48%	7.986%
29	8.534	1094	1096	1098	rVV	2603746	2362780	6.21%	0.983%
30	8.569	1098	1102	1104	rVV2	3040861	5330737	14.01%	2.217%
31	8.610	1107	1109	1112	rVV	4259751	4136967	10.88%	1.720%
32	8.651	1112	1116	1118	rVV3	496105	846901	2.23%	0.352%
33	8.675	1118	1120	1121	rVV	484293	406710	1.07%	0.169%
34	8.698	1121	1124	1128	rVV3	1162628	1733253	4.56%	0.721%
35	8.739	1128	1131	1133	rVV4	712688	1111743	2.92%	0.462%
36	8.763	1133	1135	1137	rVV3	1296735	1400251	3.68%	0.582%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
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Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.798	1137	1141	1144	rVV3	2077930	2913513	7.66%	1.212%
38	8.857	1146	1151	1153	rVV	3629841	3823393	10.05%	1.590%
39	8.875	1153	1154	1158	rVV3	1189067	1370760	3.60%	0.570%
40	8.922	1158	1162	1166	rVV2	2123908	2751763	7.23%	1.144%
41	8.969	1168	1170	1172	rVV	1295605	1449263	3.81%	0.603%
42	8.992	1172	1174	1176	rVV	2073132	2102043	5.53%	0.874%
43	9.010	1176	1177	1182	rVV2	1388343	1426400	3.75%	0.593%
44	9.057	1182	1185	1189	rVV4	538390	931075	2.45%	0.387%
45	9.098	1189	1192	1194	rVV4	756629	993026	2.61%	0.413%
46	9.128	1194	1197	1202	rVV	2501506	2617151	6.88%	1.088%
47	9.181	1203	1206	1208	rVB	1689325	1422560	3.74%	0.592%
48	9.275	1217	1222	1225	rBV3	767866	1487825	3.91%	0.619%
49	9.304	1225	1227	1229	rBV3	382966	422149	1.11%	0.176%
50	9.381	1237	1240	1244	rVB	1201669	1444181	3.80%	0.601%
51	9.451	1247	1252	1255	rVB	2245935	3267792	8.59%	1.359%
52	9.498	1257	1260	1261	rVV3	536158	613296	1.61%	0.255%
53	9.522	1261	1264	1267	rVV	2541052	3264371	8.58%	1.357%
54	9.551	1267	1269	1271	rVV	1997956	1614021	4.24%	0.671%
55	9.586	1271	1275	1277	rVV	3189172	3198785	8.41%	1.330%
56	9.639	1281	1284	1288	rVV	1047146	1151193	3.03%	0.479%
57	9.716	1295	1297	1302	rBV3	721728	918484	2.41%	0.382%
58	9.769	1304	1306	1308	rVB3	691288	559249	1.47%	0.233%
59	9.834	1314	1317	1318	rBV2	694465	598619	1.57%	0.249%
60	9.881	1323	1325	1326	rVV	599847	436787	1.15%	0.182%
61	9.963	1336	1339	1343	rBV2	1221392	1536045	4.04%	0.639%
62	10.004	1343	1346	1350	rBV4	918424	929532	2.44%	0.387%
63	10.063	1352	1356	1359	rVB2	1655217	1837023	4.83%	0.764%
64	10.104	1360	1363	1364	rBV	1302069	1056584	2.78%	0.439%
65	10.175	1372	1375	1378	rBV	1206087	1187757	3.12%	0.494%
66	10.204	1378	1380	1382	rVB	1211539	888934	2.34%	0.370%
67	10.233	1382	1385	1387	rBV2	395806	481269	1.27%	0.200%
68	10.269	1387	1391	1392	rBV2	1033490	1086487	2.86%	0.452%
69	10.351	1402	1405	1409	rVB6	675533	847017	2.23%	0.352%
70	10.398	1409	1413	1415	rBV4	1176862	1449808	3.81%	0.603%
71	10.516	1430	1433	1436	rVB	2701829	2492776	6.55%	1.037%
72	10.610	1445	1449	1450	rBV3	491097	630758	1.66%	0.262%
73	10.628	1450	1452	1453	rVV	804622	654751	1.72%	0.272%
74	10.645	1453	1455	1459	rVV3	1015821	967761	2.54%	0.402%
75	10.786	1474	1479	1481	rBV2	3781926	4491505	11.81%	1.868%
76	10.892	1494	1497	1503	rBV4	593205	810882	2.13%	0.337%

LSC Area Percent Report

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Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.986	1510	1513	1521	rVB4	1295024	2186428	5.75%	0.909%
78	11.104	1529	1533	1539	rBV5	793926	1246734	3.28%	0.518%
79	11.245	1554	1557	1561	rVB2	1953457	2112647	5.55%	0.879%
80	11.363	1575	1577	1580	rVB	564171	488533	1.28%	0.203%
81	11.598	1614	1617	1619	rVV	645180	545515	1.43%	0.227%
82	11.628	1619	1622	1625	rVB3	447234	500323	1.32%	0.208%
83	11.680	1628	1631	1639	rVB3	1047056	1650881	4.34%	0.687%
84	11.845	1654	1659	1661	rBV2	1154015	1462530	3.84%	0.608%
85	11.875	1662	1664	1668	rVB2	730586	788401	2.07%	0.328%
86	12.075	1694	1698	1702	rBV	2176146	2150402	5.65%	0.894%
87	12.222	1720	1723	1725	rBV2	458775	489710	1.29%	0.204%
88	12.327	1738	1741	1743	rBV	556125	569856	1.50%	0.237%
89	12.351	1743	1745	1748	rVB	670871	564202	1.48%	0.235%
90	12.427	1756	1758	1762	rVB4	553098	597300	1.57%	0.248%
91	12.527	1772	1775	1778	rBV4	293510	478061	1.26%	0.199%
92	12.669	1796	1799	1805	rBV5	486457	710439	1.87%	0.295%
93	12.927	1840	1843	1846	rVB	1462043	1389708	3.65%	0.578%
94	12.998	1852	1855	1857	rBV2	349921	417663	1.10%	0.174%
95	13.651	1963	1966	1971	rVB	612995	660054	1.74%	0.274%
96	13.969	2018	2020	2024	rVB2	592465	768432	2.02%	0.320%
97	14.663	2135	2138	2142	rVB2	1466697	1538800	4.05%	0.640%
98	15.433	2265	2269	2273	rBV	321410	390558	1.03%	0.162%
99	15.868	2339	2343	2354	rVB	353898	615611	1.62%	0.256%

Sum of corrected areas: 240471292

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
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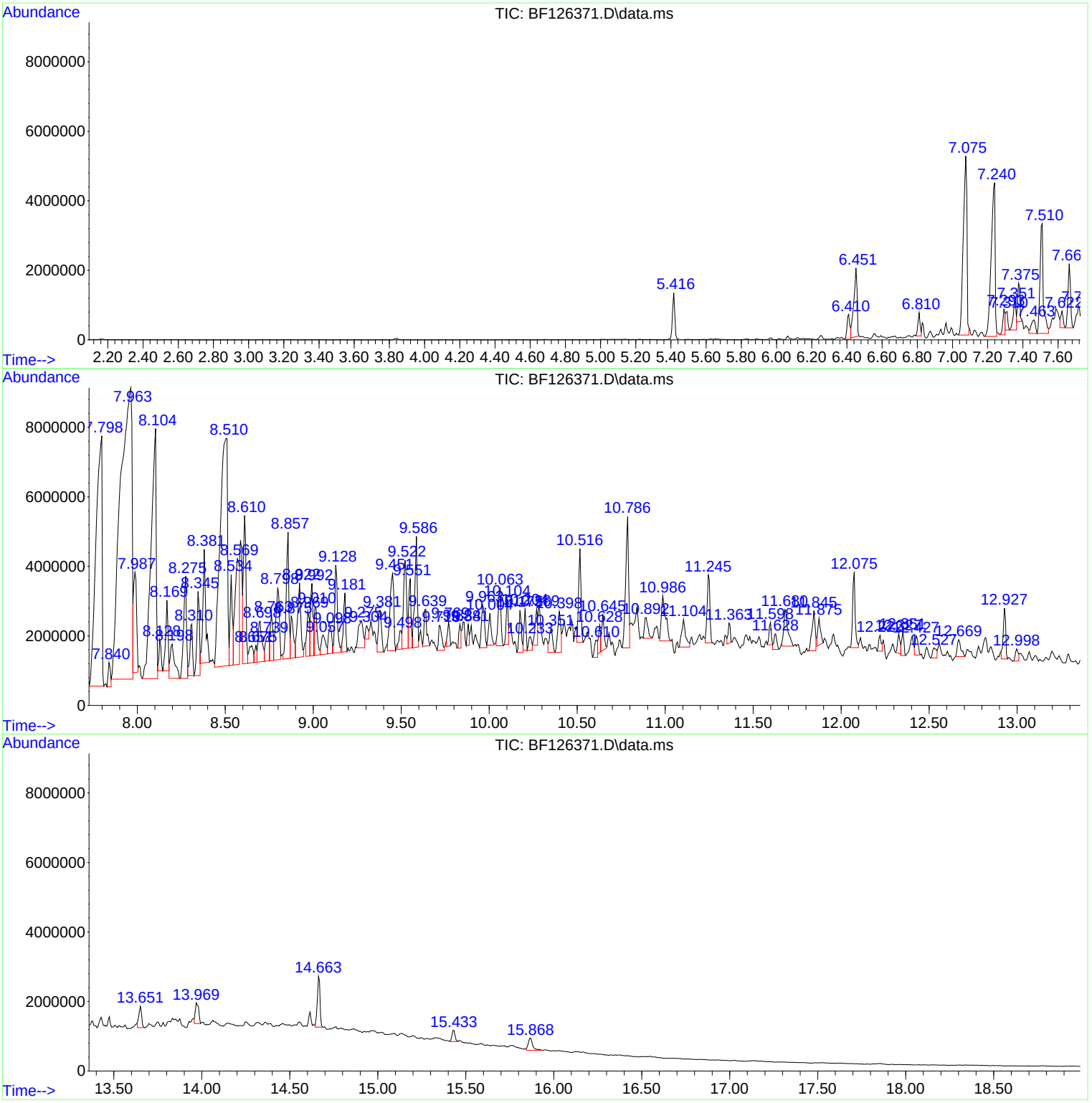
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF122721\
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BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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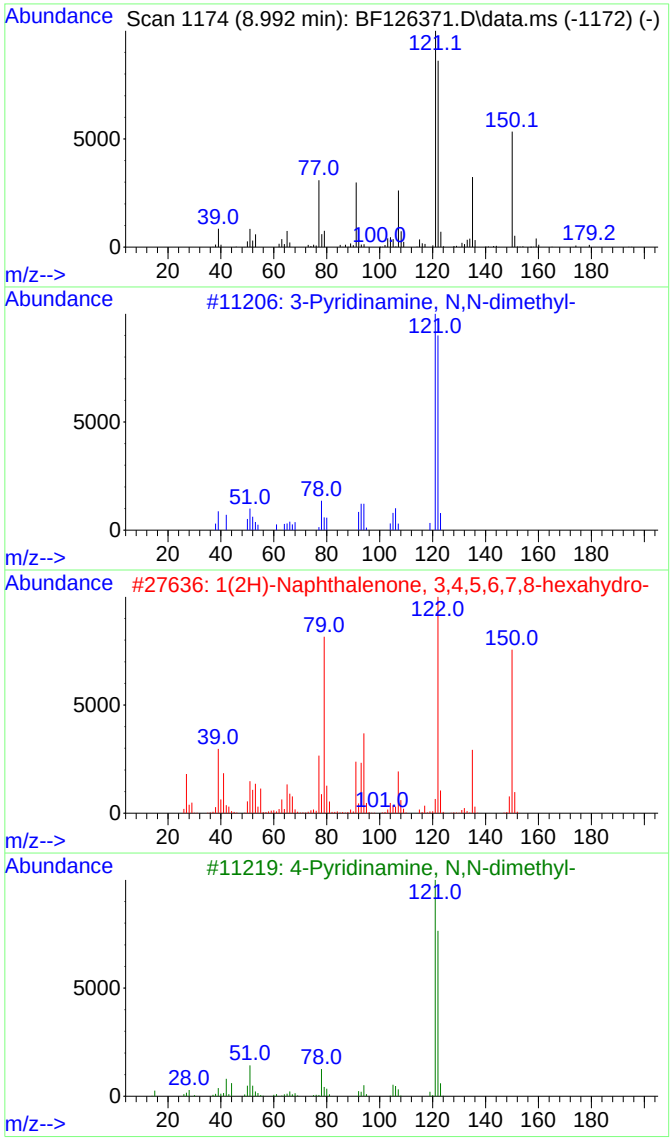
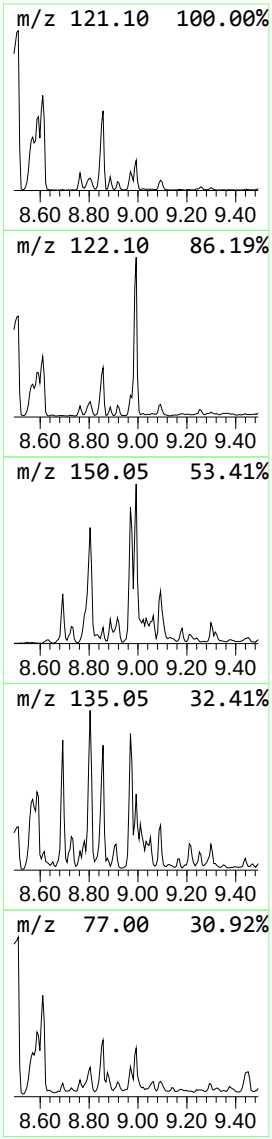
Peak Number 1 unknown8.992 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.992	96.25 ng	2102040	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinamine, N,N-dimethyl-	122	C7H10N2	018437-57-5	43
2	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	43
3	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	43
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	43
5	2-(4-Fluorophenyl)-N-(2-methoxyb...	259	C16H18FNO	353779-46-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126371.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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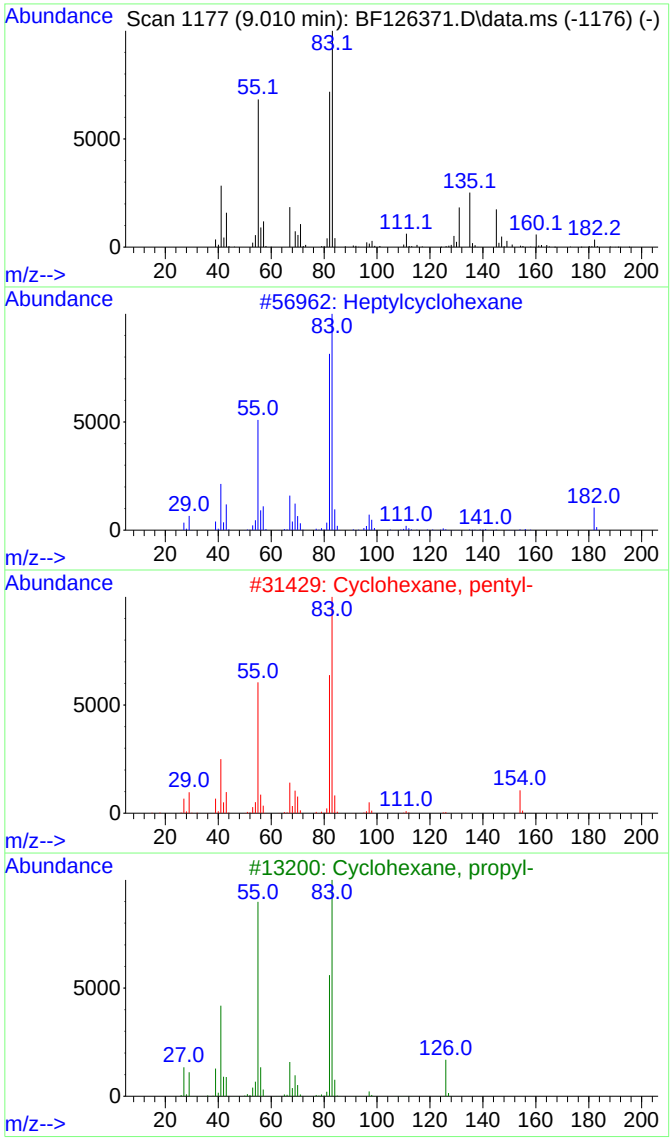
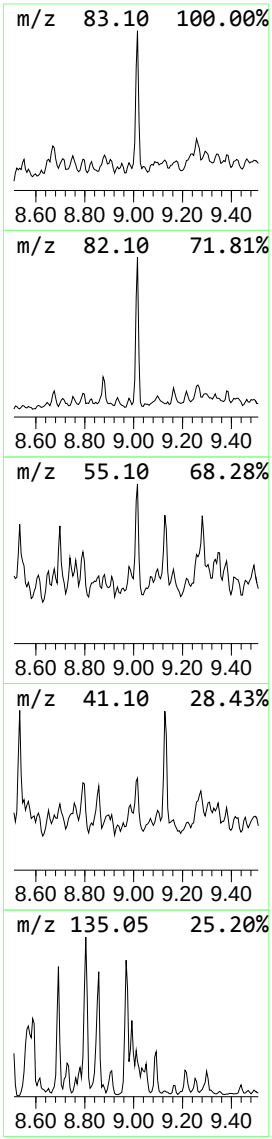
Peak Number 2 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	65.31 ng	1426400	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	58
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-08-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
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BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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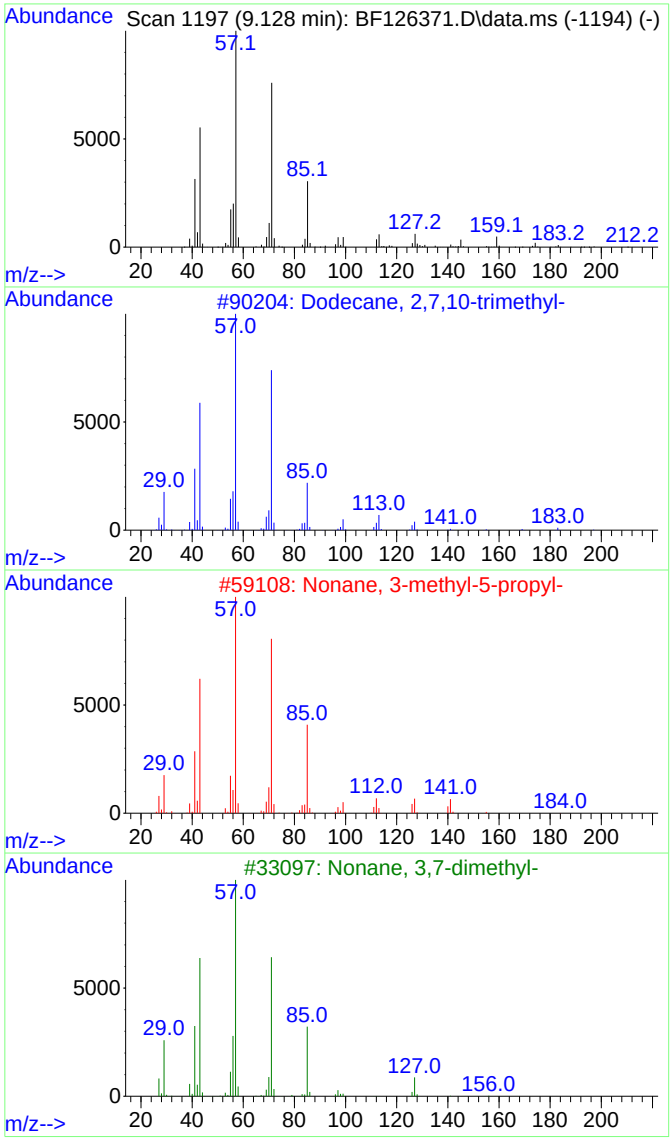
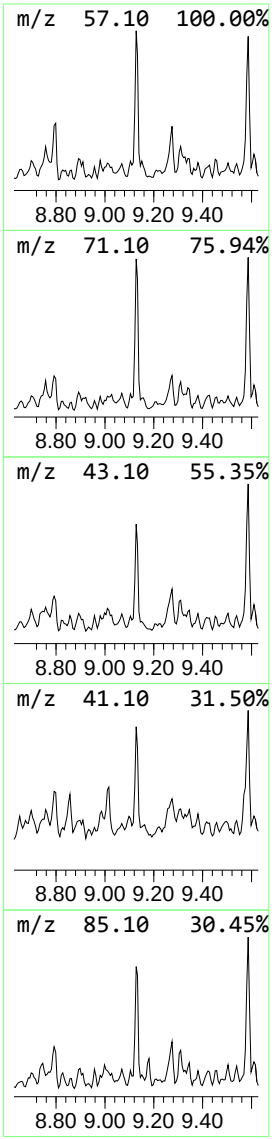
Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.128	119.84 ng	2617150	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
4	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	53
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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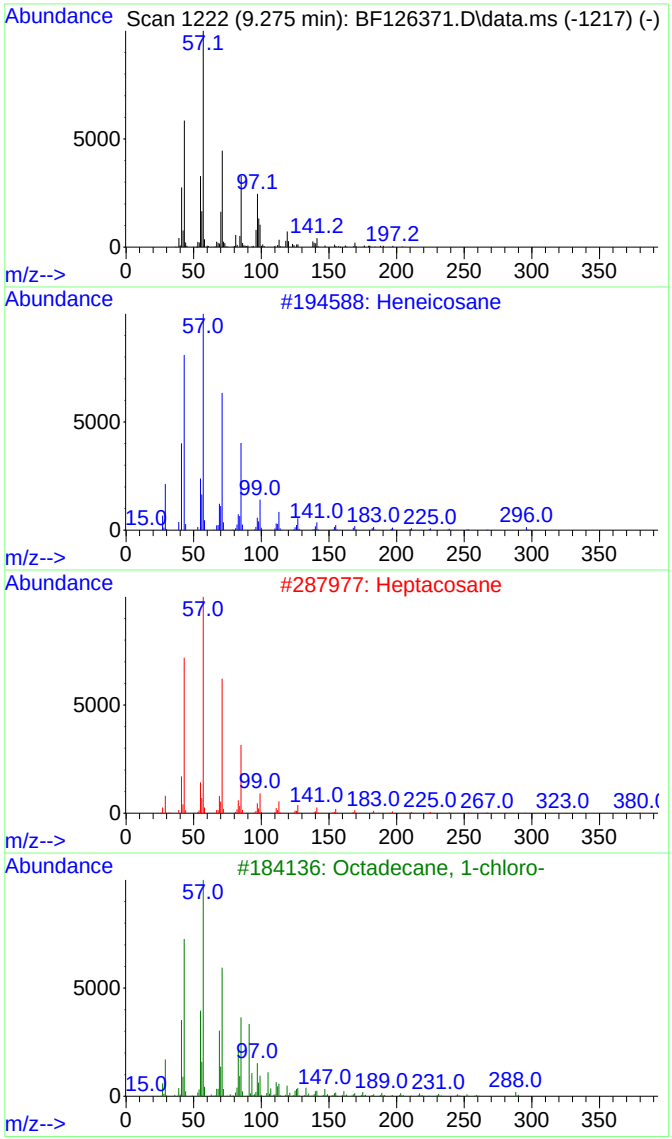
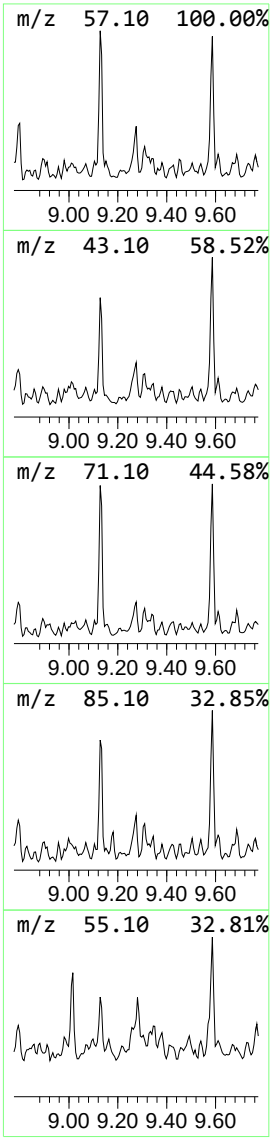
Peak Number 4 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	68.13 ng	1487830	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	59
2	Heptacosane	380	C27H56	000593-49-7	53
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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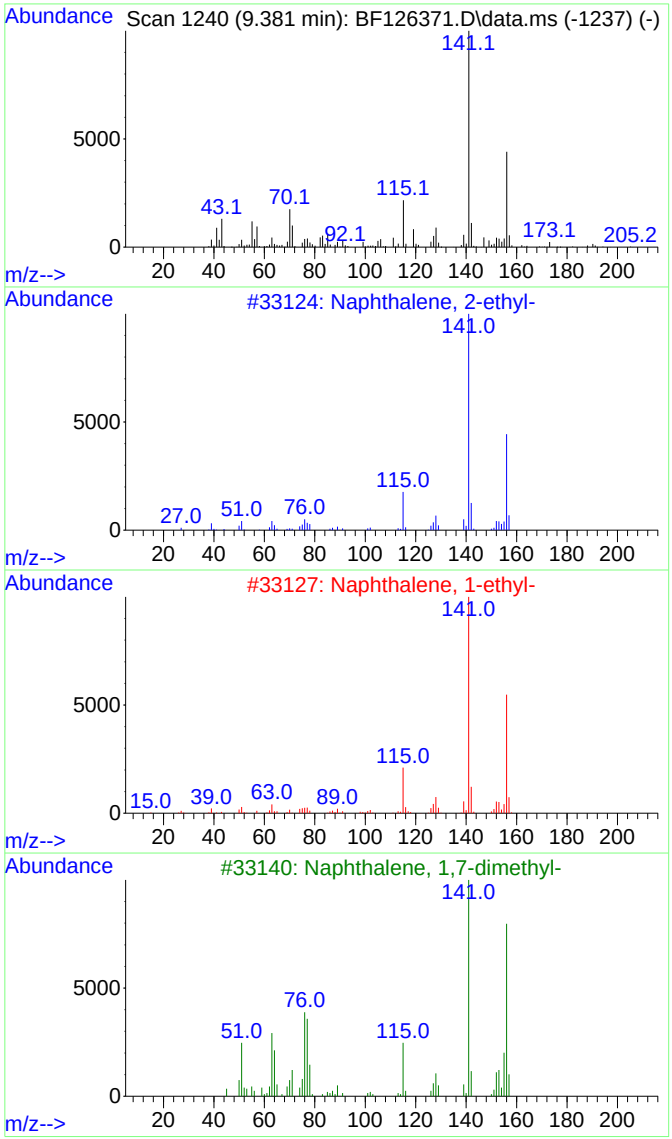
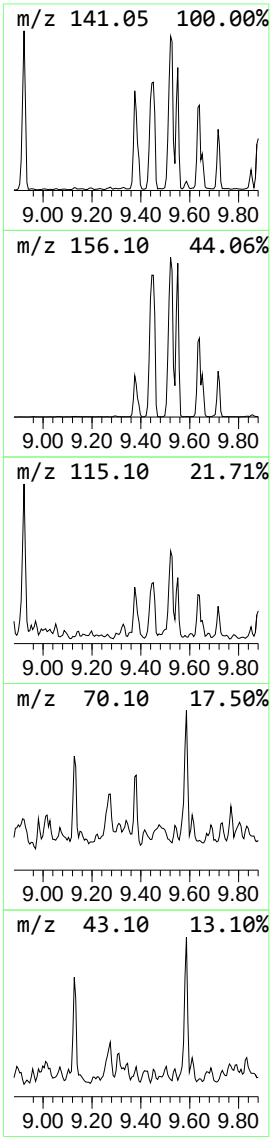
Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	66.13 ng	1444180	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	64
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64





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Sample : M5219-01
Misc :
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ClientSampleId :
M21013-N48854-1040

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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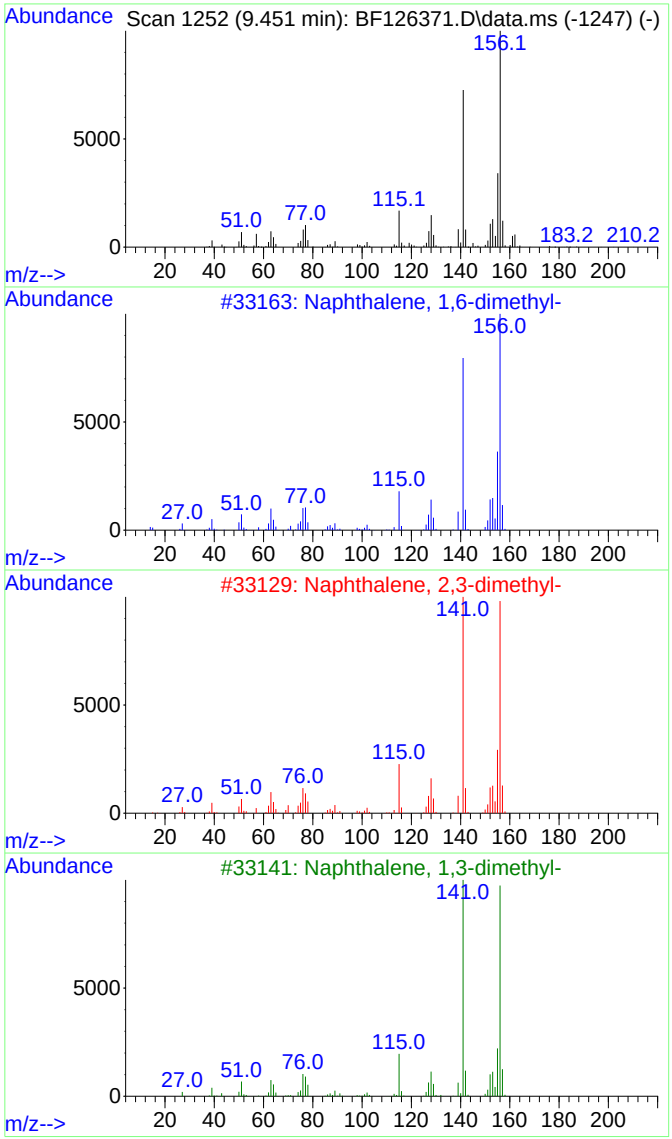
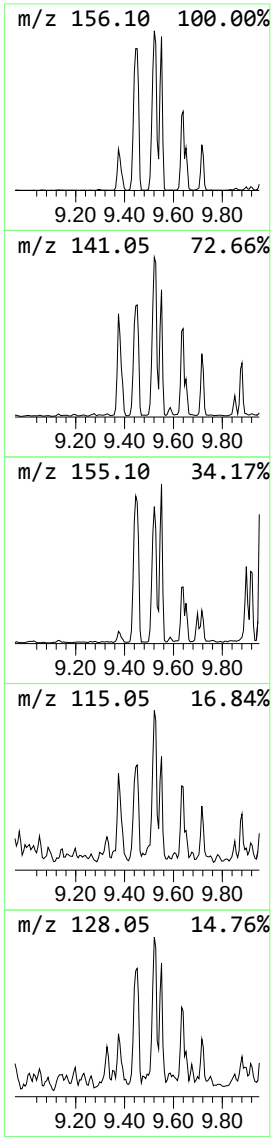
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	149.63 ng	3267790	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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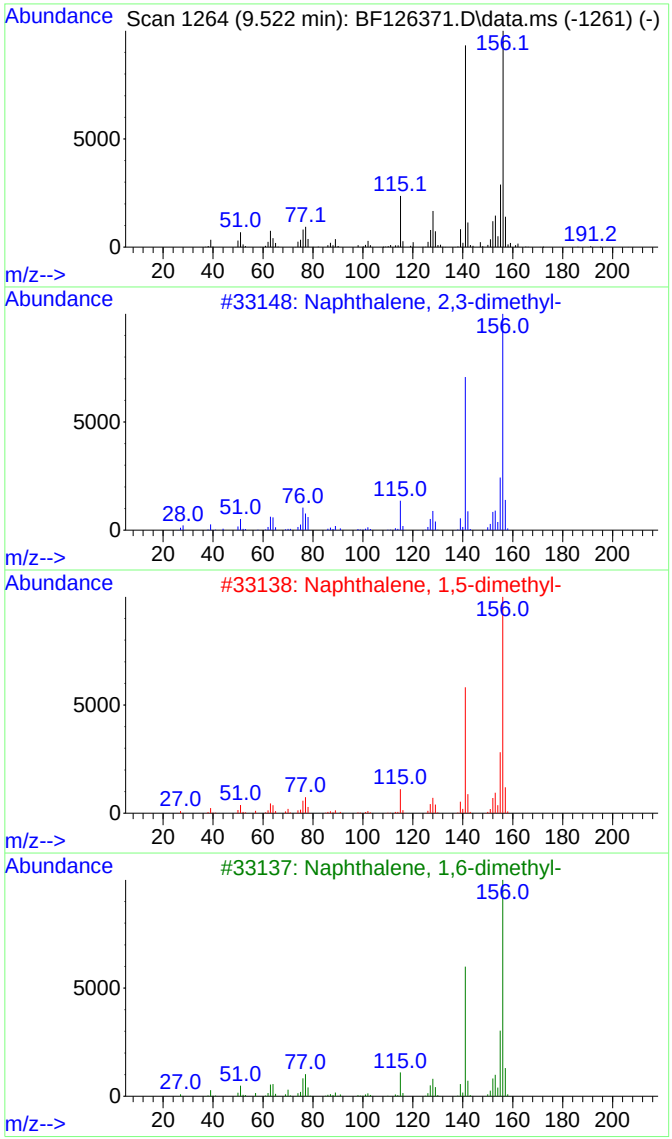
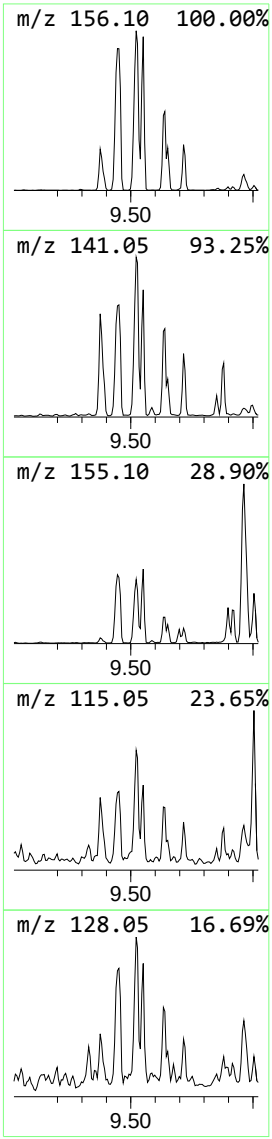
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	149.47 ng	3264370	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : M5219-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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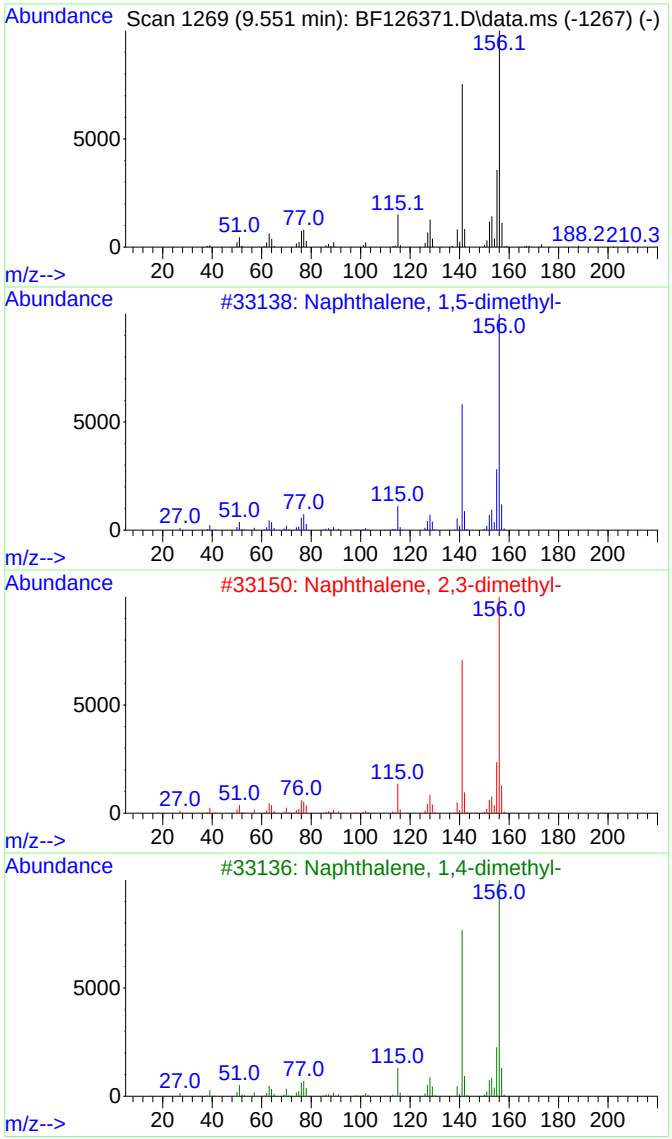
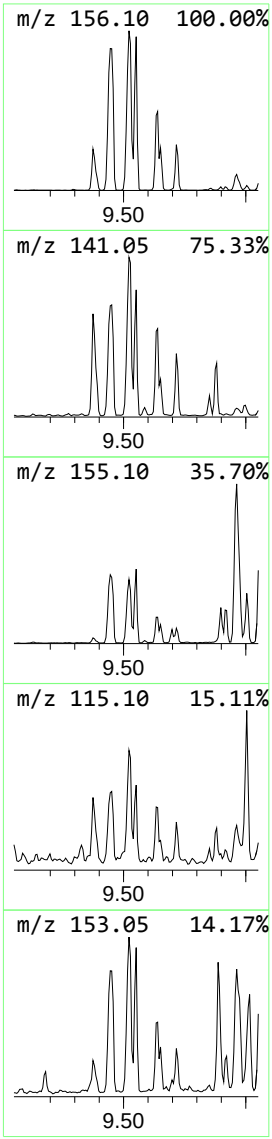
Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	73.90 ng	1614020	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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ALS Vial : 18 Sample Multiplier: 1

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M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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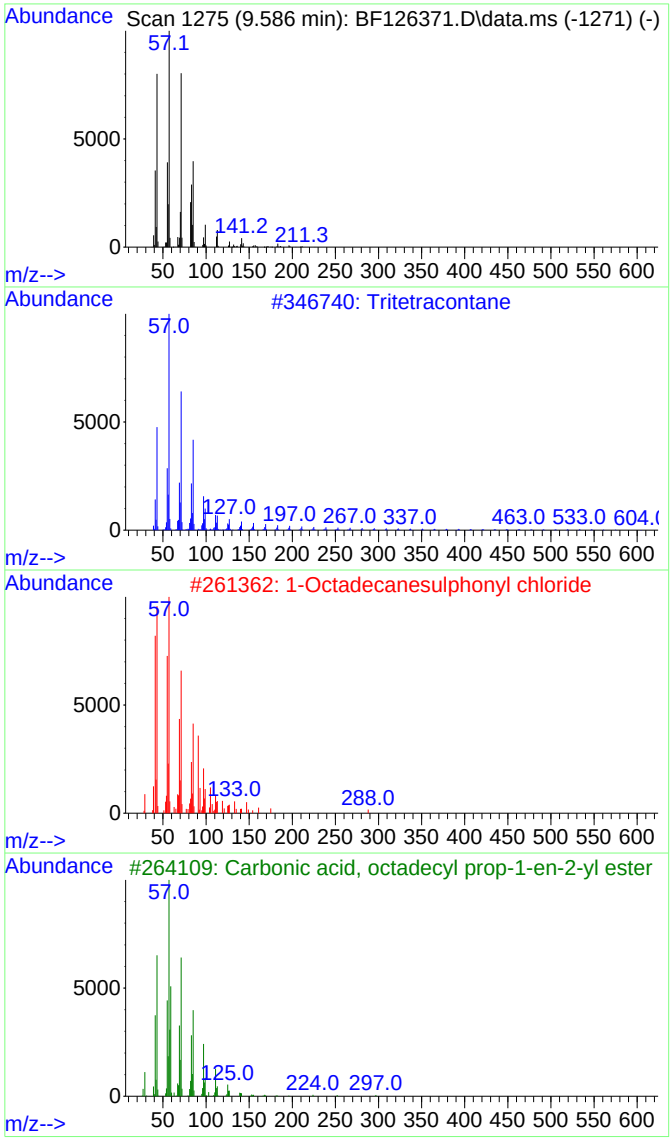
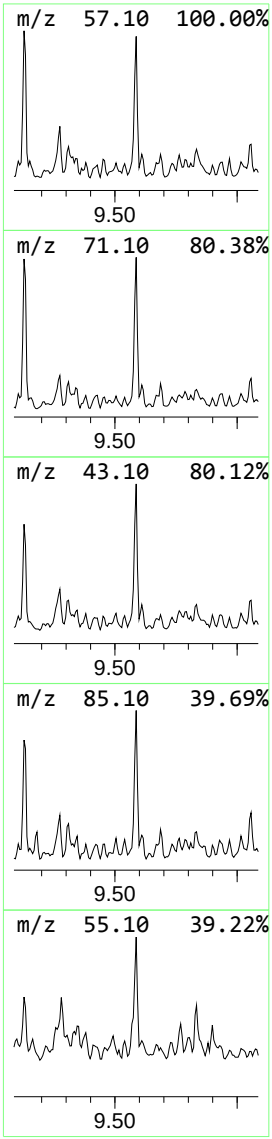
Peak Number 9 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	146.47 ng	3198790	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





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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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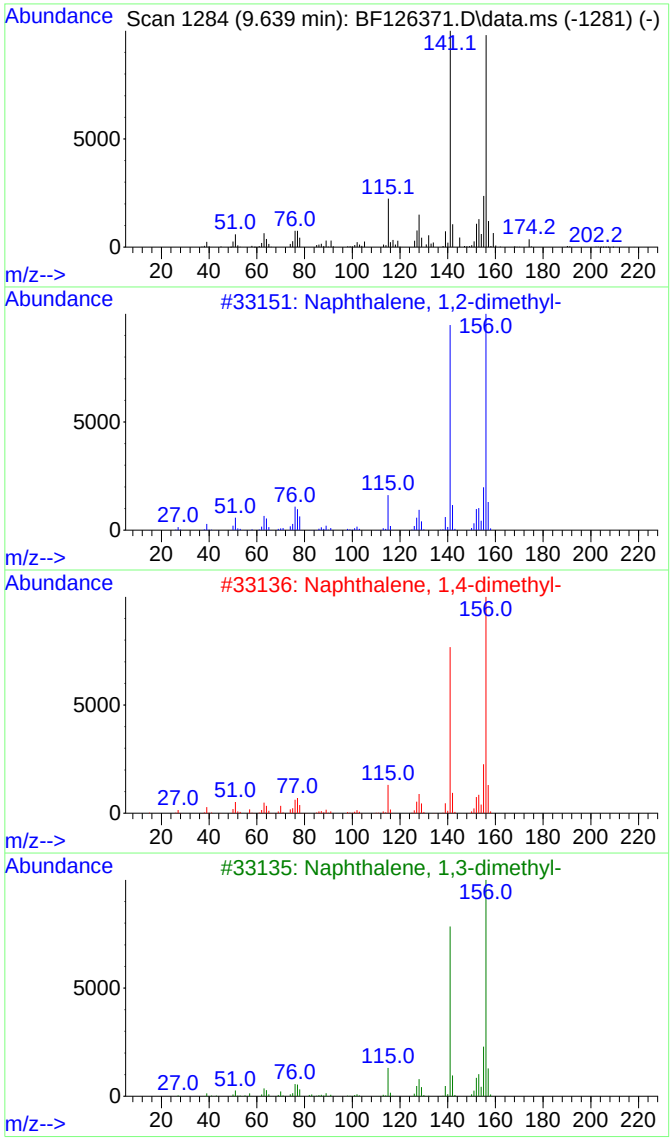
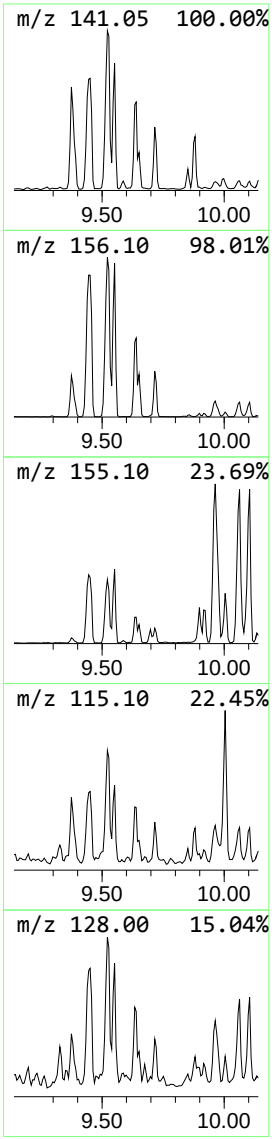
Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	52.71 ng	1151190	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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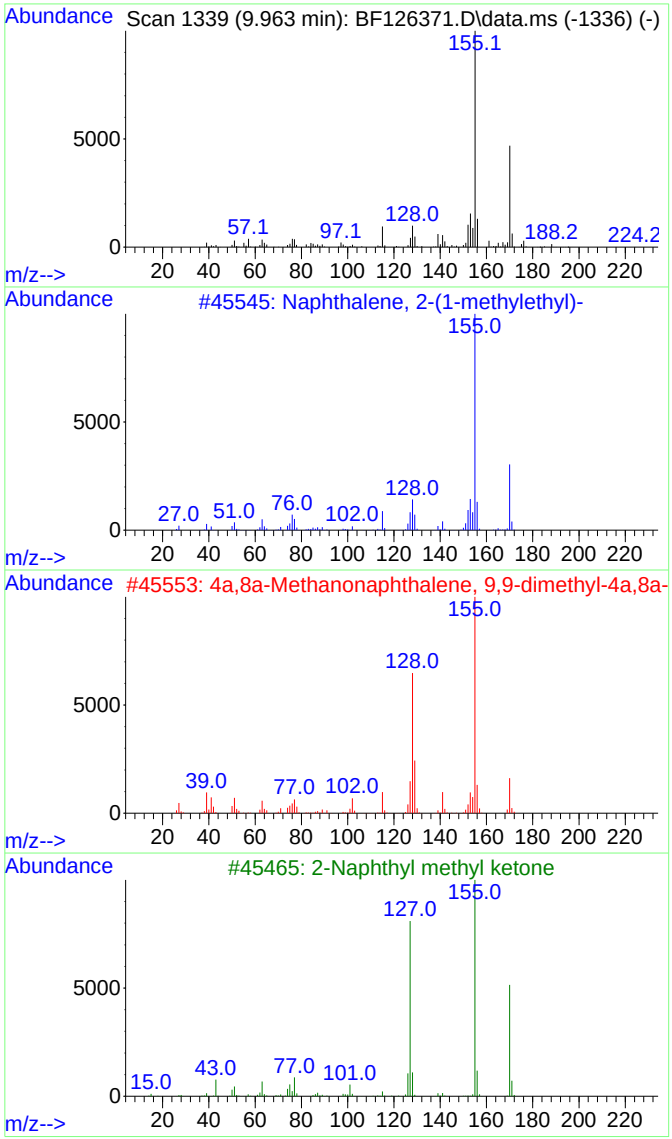
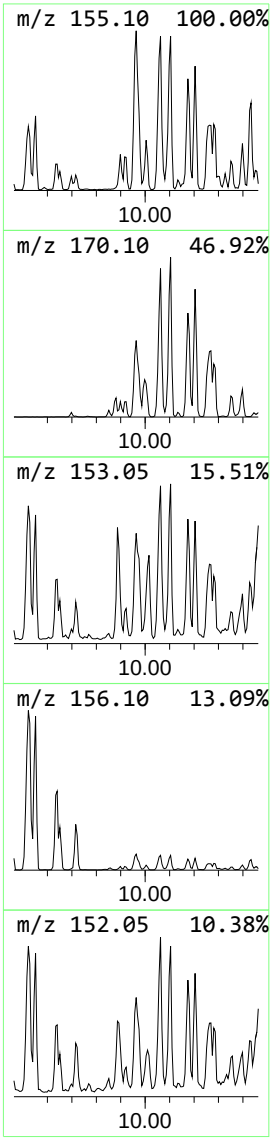
Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	70.33 ng	1536050	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	90
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	72





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ClientSampleId :
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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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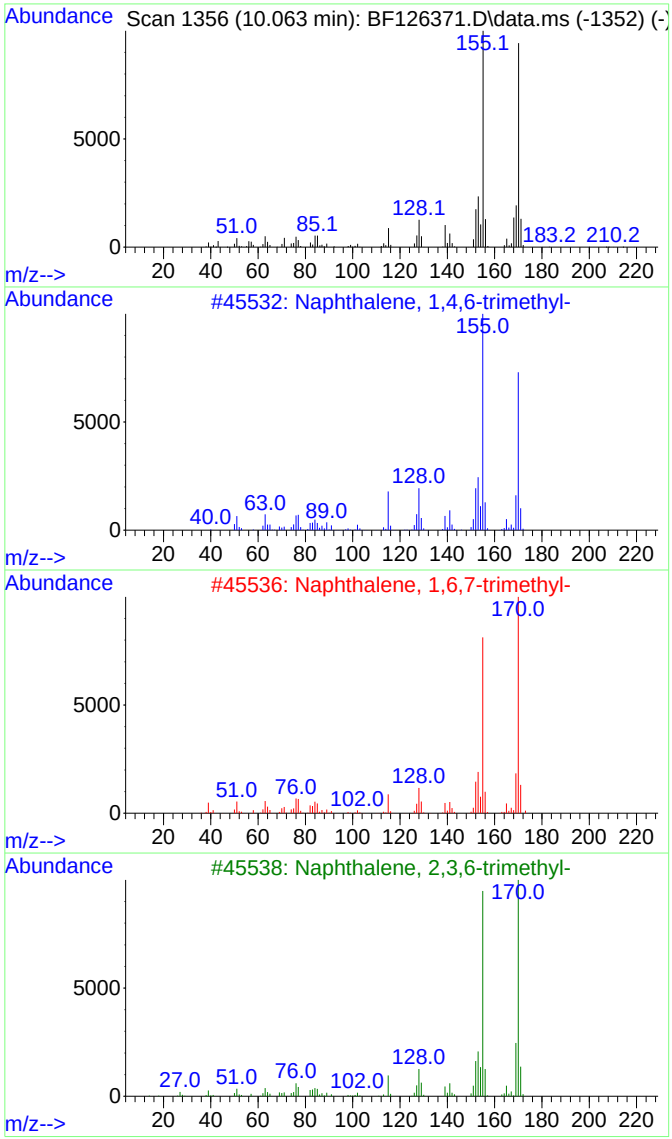
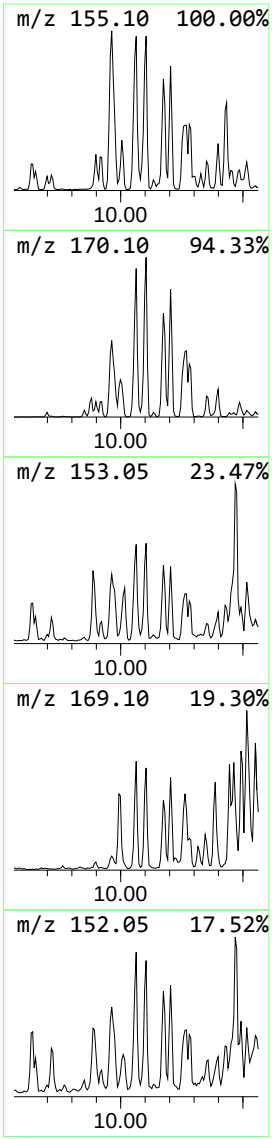
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	84.12 ng	1837020	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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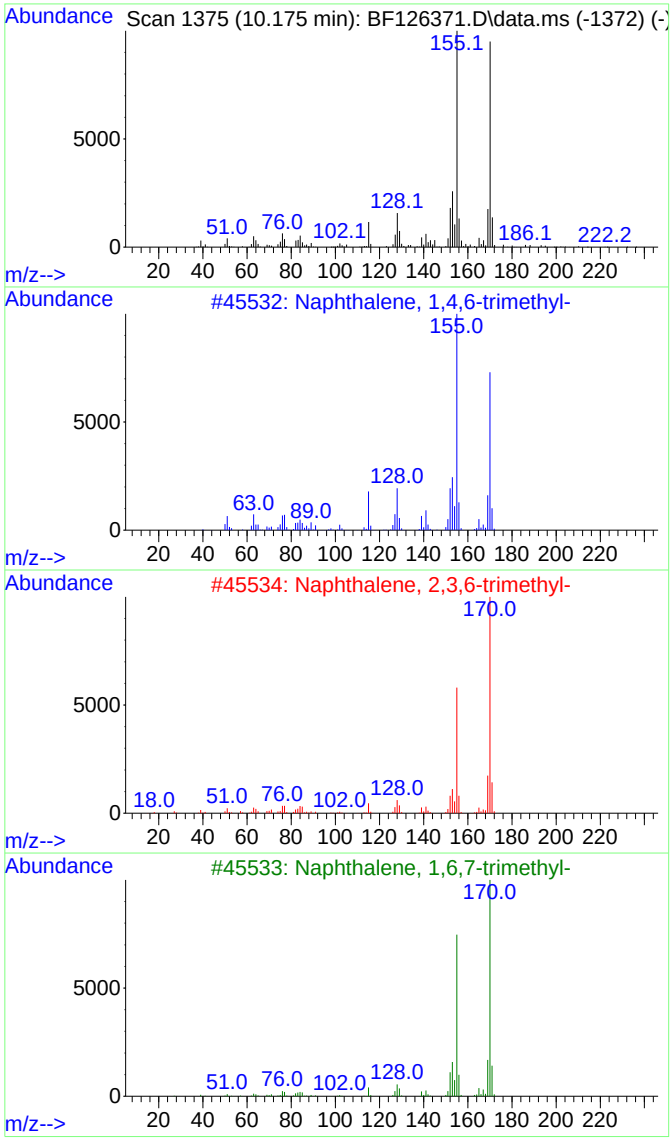
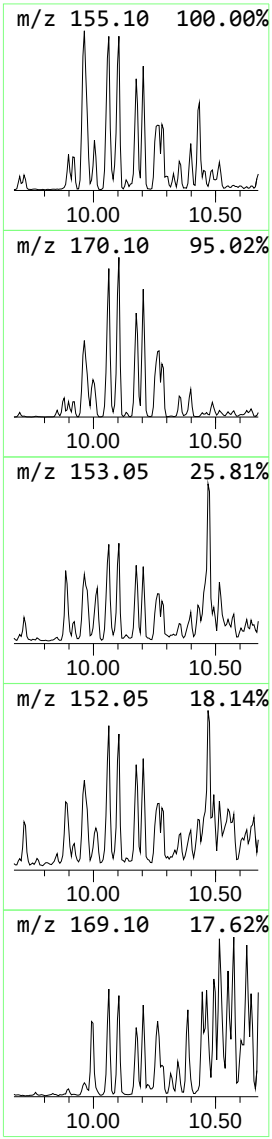
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	54.39 ng	1187760	Acenaphthene-d10	9.857

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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94





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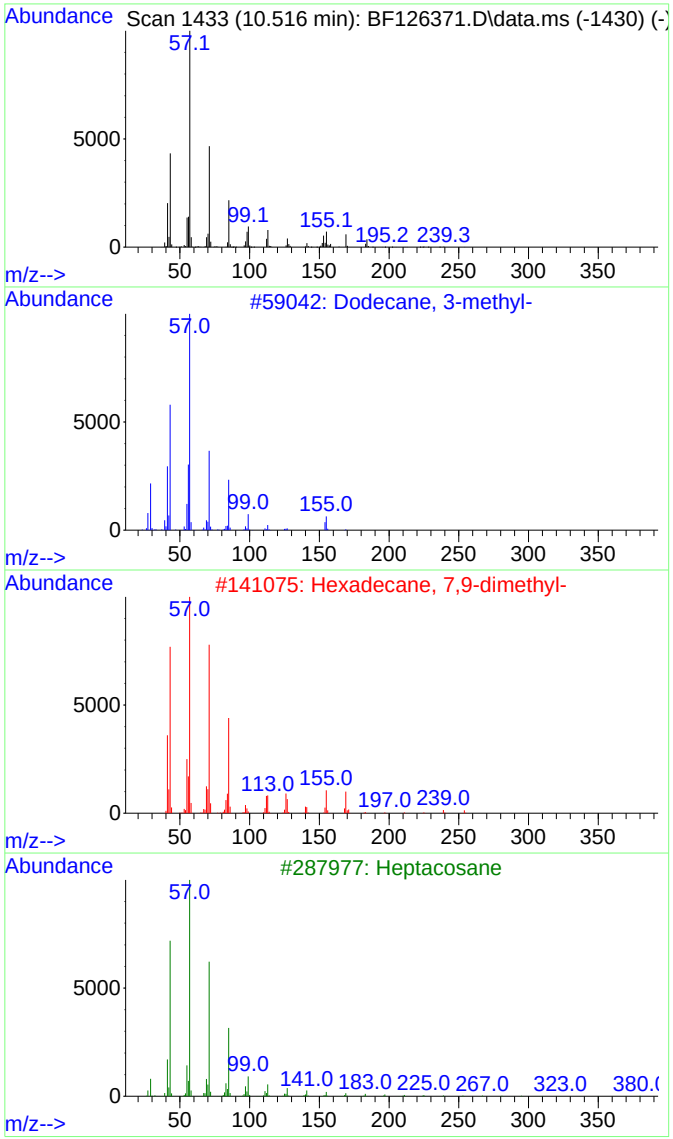
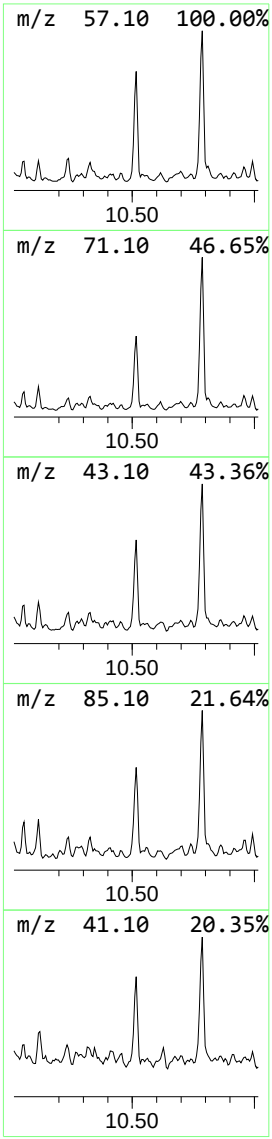
Peak Number 14 Dodecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	114.14 ng	2492780	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
3	Heptacosane	380	C27H56	000593-49-7	59
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	52
5	Tridecane	184	C13H28	000629-50-5	50





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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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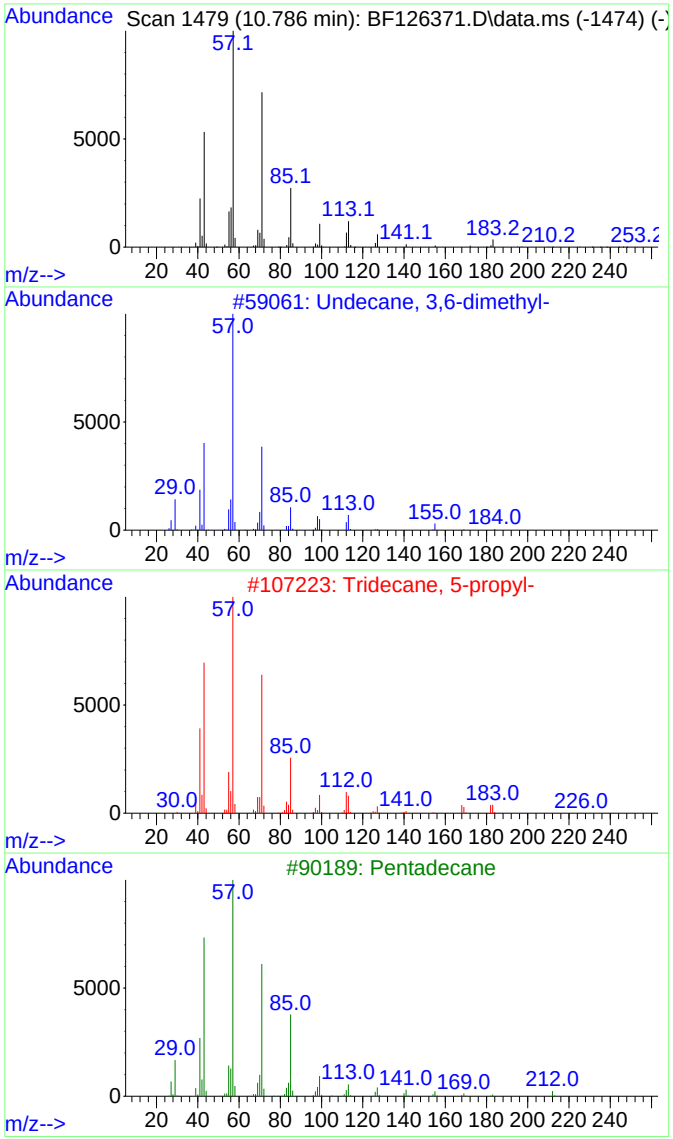
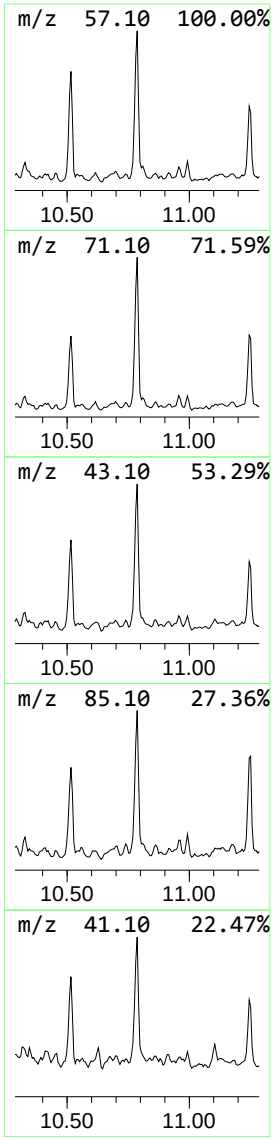
Peak Number 15 Undecane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	183.88 ng	4491510	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Pentadecane	212	C15H32	000629-62-9	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





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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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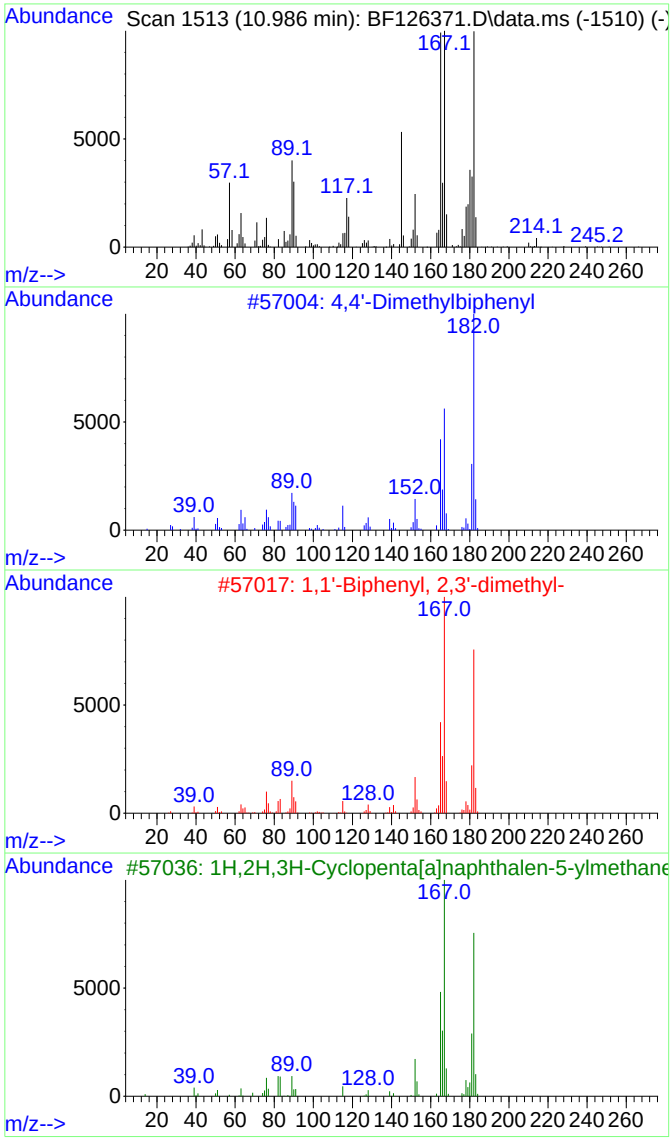
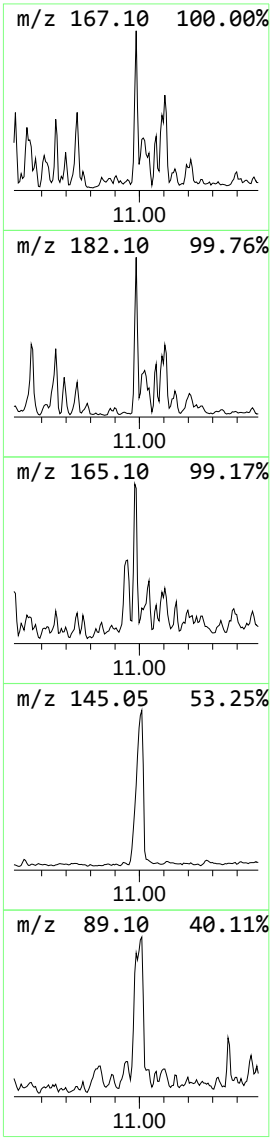
Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	89.51 ng	2186430	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	86
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
3	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	64
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	62
5	Dehydrochamazulene	182	C14H14	321732-25-6	60





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Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

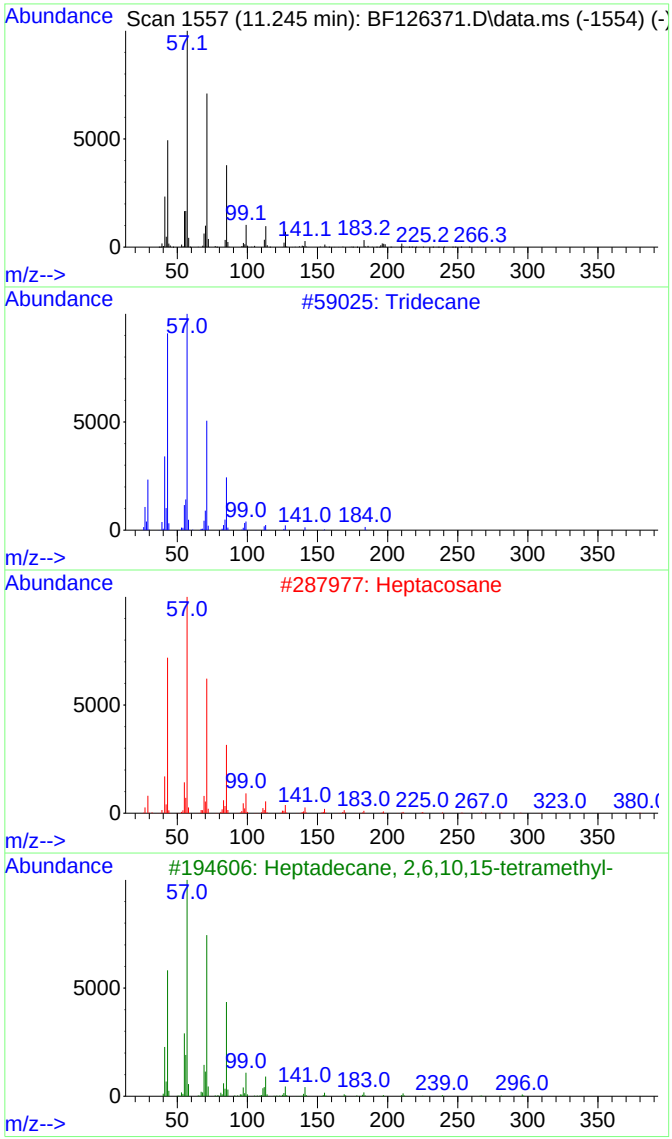
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

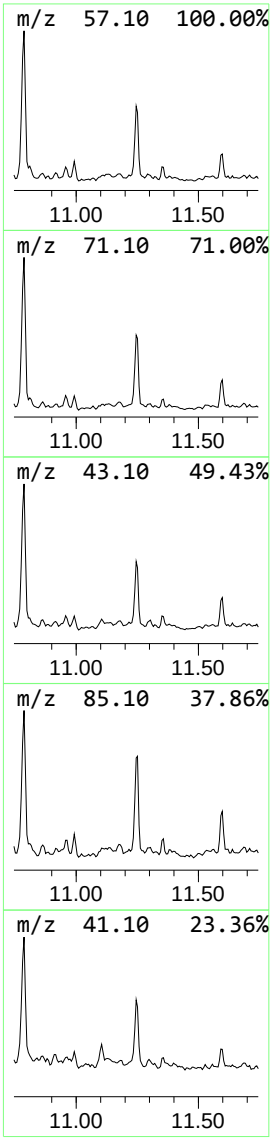
****

Peak Number 17 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	86.49 ng	2112650	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72





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Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

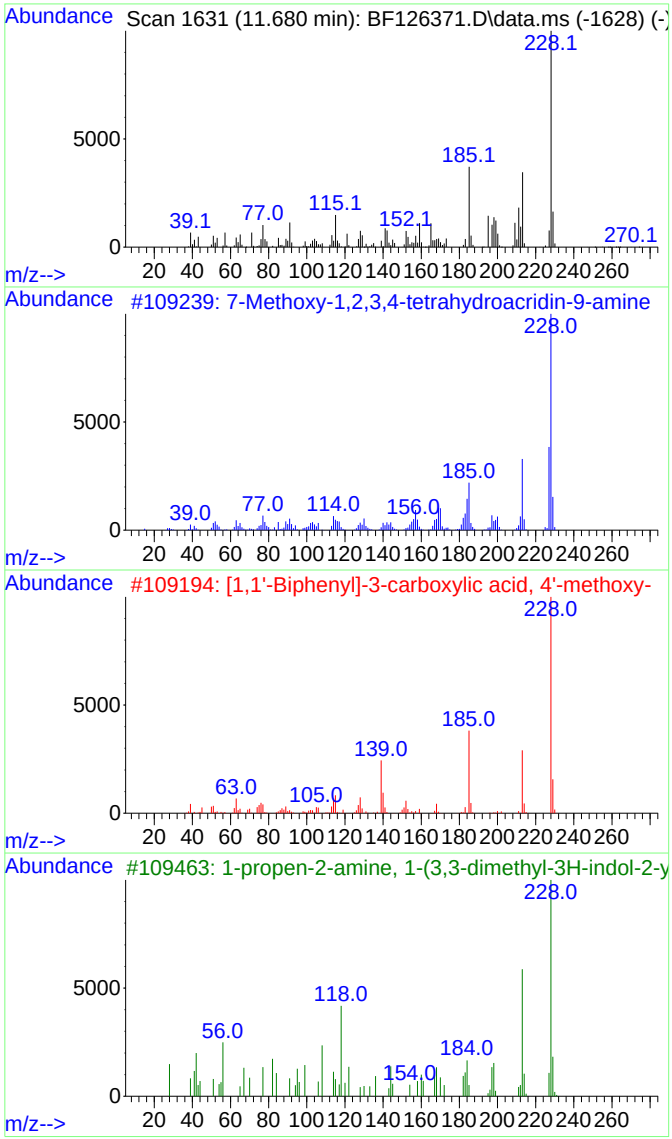
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

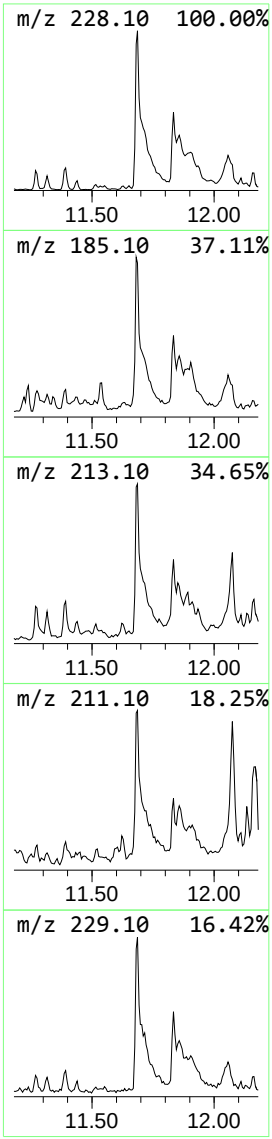
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7-Methoxy-1,2,3,4-tetrahydr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.681	67.59 ng	1650880	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxy-1,2,3,4-tetrahydroacri...	228	C14H16N2O	005778-80-3	72
2	[1,1'-Biphenyl]-3-carboxylic aci...	228	C14H12O3	1000338-15-5	70
3	1-propen-2-amine, 1-(3,3-dimethy...	228	C15H20N2	1000396-35-4	60
4	1-Ethyl-3-(pyrrolidin-2-ylidene)...	228	C14H16N2O	1000260-86-3	59
5	7-Phenyl-1H-imidazo[4,5-d]pyrida...	228	C11H8N4S	1000286-18-6	55





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Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

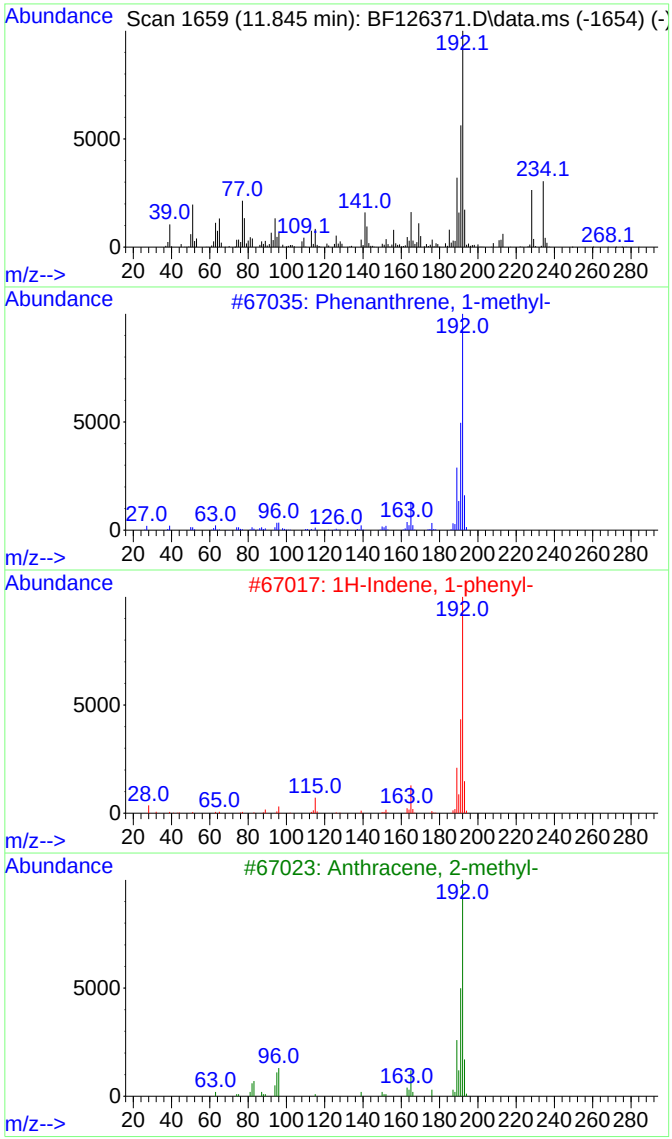
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

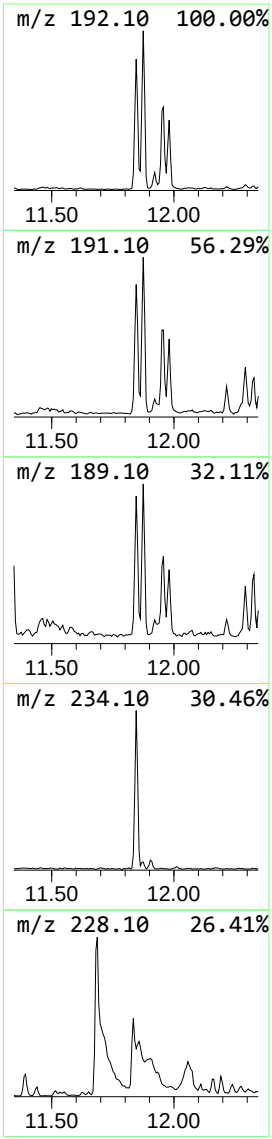
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	59.87 ng	1462530	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

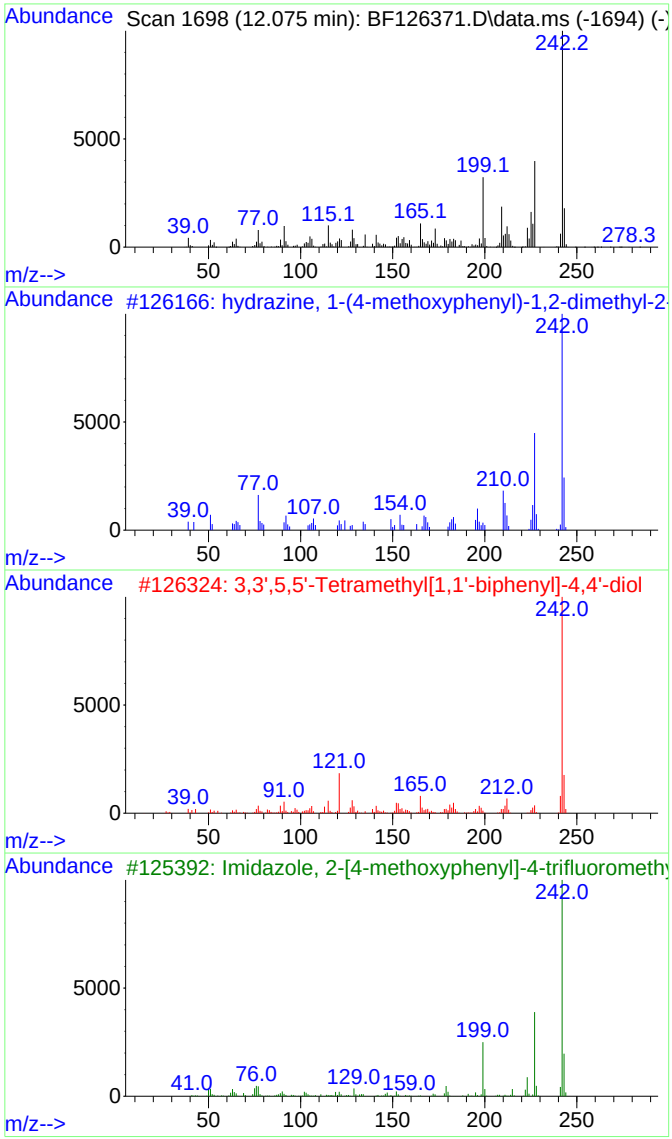
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

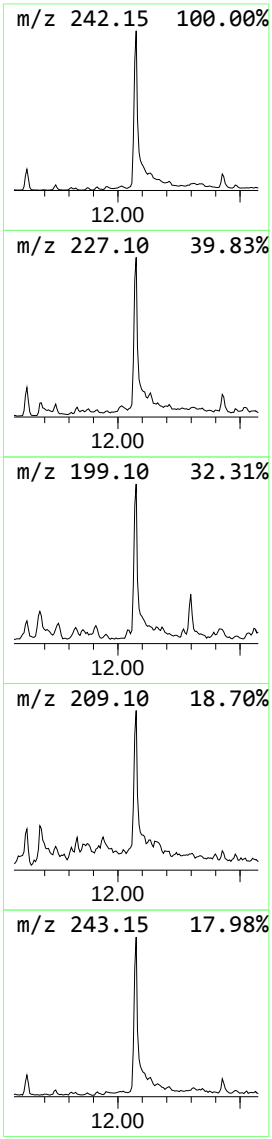
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 hydrazine, 1-(4-methoxyphen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	88.04 ng	2150400	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	hydrazine, 1-(4-methoxyphenyl)-1...	242	C15H18N2O	1000396-53-8	68
2	3,3',5,5'-Tetramethyl[1,1'-biphe...	242	C16H18O2	002417-04-1	64
3	Imidazole, 2-[4-methoxyphenyl]-4...	242	C11H9F3N2O	033469-37-3	64
4	1,3-Diamino-5,6-dihydro-7-methox...	242	C13H14N4O	037436-49-0	49
5	2-Azepan-1-yl-quinazolin-4-ylamine	242	C14H18N4	1000296-15-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126371.D
Acq On : 27 Dec 2021 23:17
Operator : JU/CG
Sample : M5219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
unknown8.992	8.992	96.3	ng	2102040	3	9.857	436787	20.0
Heptylcyclohexane	9.010	65.3	ng	1426400	3	9.857	436787	20.0
Dodecane, 2,7,1...	9.128	119.8	ng	2617150	3	9.857	436787	20.0
Heneicosane	9.275	68.1	ng	1487830	3	9.857	436787	20.0
Naphthalene, 2-...	9.381	66.1	ng	1444180	3	9.857	436787	20.0
Naphthalene, 1,...	9.451	149.6	ng	3267790	3	9.857	436787	20.0
Naphthalene, 2,...	9.522	149.5	ng	3264370	3	9.857	436787	20.0
Naphthalene, 1,...	9.551	73.9	ng	1614020	3	9.857	436787	20.0
Tritetracontane	9.586	146.5	ng	3198790	3	9.857	436787	20.0
Naphthalene, 1,...	9.639	52.7	ng	1151190	3	9.857	436787	20.0
Naphthalene, 2-...	9.963	70.3	ng	1536050	3	9.857	436787	20.0
Naphthalene, 1,...	10.063	84.1	ng	1837020	3	9.857	436787	20.0
Naphthalene, 2,...	10.175	54.4	ng	1187760	3	9.857	436787	20.0
Dodecane, 3-met...	10.516	114.1	ng	2492780	3	9.857	436787	20.0
Undecane, 3,6-d...	10.786	183.9	ng	4491510	4	11.339	488533	20.0
4,4'-Dimethylbi...	10.986	89.5	ng	2186430	4	11.339	488533	20.0
Tridecane	11.245	86.5	ng	2112650	4	11.339	488533	20.0
7-Methoxy-1,2,3...	11.681	67.6	ng	1650880	4	11.339	488533	20.0
Phenanthrene, 1...	11.845	59.9	ng	1462530	4	11.339	488533	20.0
hydrazine, 1-(4...	12.075	88.0	ng	2150400	4	11.339	488533	20.0