LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0222-COMP-N(DISCRETE-CL-22)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	285	289	296	rBB	13510	17128	1.78%	0.176%
2	4.993	488	494	502	rBV	32652	48618	5.06%	0.499%
3	5.410	562	565	574	rBV	863099	792383	82.45%	8.131%
4	6.310	715	718	721	rBV2	14754	16070	1.67%	0.165%
5	6.434	735	739	749	rBV	864166	814397	84.75%	8.357%
6	6.781	795	798	804	rVB	248748	217477	22.63%	2.232%
7	7.051	842	844	849	rVB3	21725	24002	2.50%	0.246%
8	7.304	883	887	889	rBV2	19382	24334	2.53%	0.250%
9	7.351	891	895	898	rBV	619936	513825	53.47%	5.273%
10	7.428	903	908	911	rBV4	17966	29450	3.06%	0.302%
11	7.475	911	916	919	rBV5	11800	17702	1.84%	0.182%
12	7.586	932	935	938	rBV3	21119	17872	1.86%	0.183%
13	7.657	943	947	952	rVB5	12631	18277	1.90%	0.188%
14	7.704	952	955	959	rBV4	27150	27889	2.90%	0.286%
15	7.945	992	996	998	rBV4	11903	14678	1.53%	0.151%
16	8.045	1011	1013	1014	rBV2	15929	13840	1.44%	0.142%
17	8.069	1014	1017	1020	rVB	304228	257718	26.82%	2.645%
18	8.269	1049	1051	1054	rBV2	25047	19085	1.99%	0.196%
19	8.357	1062	1066	1069	rVB6	22825	30632	3.19%	0.314%
20	8.486	1085	1088	1090	rBV2	32958	32504	3.38%	0.334%
21	8.528	1093	1095	1097	rVB3	26836	21294	2.22%	0.219%
22	8.569	1100	1102	1104	rBV2	18152	14284	1.49%	0.147%
23	8.610	1104	1109	1113	rBV7	24615	37972	3.95%	0.390%
24	8.692	1119	1123	1124	rBV4	10633	14771	1.54%	0.152%
25	8.751	1130	1133	1137	rVB6	22341	28295	2.94%	0.290%
26	8.810	1141	1143	1146	rVB4	23574	19719	2.05%	0.202%
27	8.839	1146	1148	1151	rBV4	15854	21954	2.28%	0.225%
28	8.945	1163	1166	1168	rBV4	13559	14383	1.50%	0.148%
29	9.057	1183	1185	1188	rVB3	16505	14864	1.55%	0.153%
30	9.086	1188	1190	1194	rVB3	44643	35098	3.65%	0.360%
31	9.145	1196	1200	1203	rBV	1309526	960993	100.00%	9.862%
32	9.222	1209	1213	1218	rBV4	41458	55417	5.77%	0.569%
33	9.263	1218	1220	1223	rBV4	13558	14953	1.56%	0.153%
34	9.422	1243	1247	1249	rBV5	13890	17427	1.81%	0.179%
35	9.528	1262	1265	1266	rBV	62681	51345	5.34%	0.527%
36	9.545	1266	1268	1272	rVV2	49998	49228	5.12%	0.505%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0222-COMP-N(DISCRETE-CL-22)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.580	1272	1274	1279	rVB6	21369	27799	2.89%	0.285%
38	9.686	1289	1292	1295	rBV3	54371	64022	6.66%	0.657%
39	9.728	1297	1299	1302	rVB2	81251	72124	7.51%	0.740%
40	9.798	1308	1311	1312	rBV3	34245	30525	3.18%	0.313%
41	9.822	1312	1315	1318	rVV	419473	340112	35.39%	3.490%
42	9.857	1318	1321	1326	rVV6	27047	37935	3.95%	0.389%
43	9.898	1326	1328	1331	rVB4	17881	15124	1.57%	0.155%
44	9.928	1331	1333	1337	rVB5	17772	17813	1.85%	0.183%
45	10.139	1366	1369	1370	rBV3	22596	21948	2.28%	0.225%
46	10.192	1375	1378	1381	rVB5	17751	19373	2.02%	0.199%
47	10.227	1381	1384	1387	rBV5	36190	33161	3.45%	0.340%
48	10.457	1420	1423	1424	rBV2	13865	14090	1.47%	0.145%
49	10.475	1424	1426	1431	rVB5	29526	42969	4.47%	0.441%
50	10.616	1447	1450	1454	rBV	894527	723672	75.30%	7.426%
51	10.739	1466	1471	1473	rBV	53756	59646	6.21%	0.612%
52	10.951	1503	1507	1508	rBV4	12838	14957	1.56%	0.153%
53	11.122	1532	1536	1538	rBV5	15462	18837	1.96%	0.193%
54	11.204	1548	1550	1556	rVB5	40879	39679	4.13%	0.407%
55	11.310	1565	1568	1571	rBV	428142	366988	38.19%	3.766%
56	11.333	1571	1572	1576	rVB	66754	45601	4.75%	0.468%
57	11.551	1606	1609	1613	rBV6	26484	29420	3.06%	0.302%
58	11.657	1625	1627	1629	rVB3	17581	13413	1.40%	0.138%
59	11.839	1656	1658	1663	rVB5	50063	50605	5.27%	0.519%
60	11.921	1671	1672	1675	rVB3	24181	19879	2.07%	0.204%
61	12.174	1713	1715	1720	rVB6	12581	13949	1.45%	0.143%
62	12.286	1732	1734	1741	rVB8	20950	32911	3.42%	0.338%
63	12.369	1745	1748	1750	rVB3	22476	19704	2.05%	0.202%
64	12.486	1766	1768	1771	rVB4	18642	13677	1.42%	0.140%
65	12.527	1772	1775	1778	rVB	181021	153366	15.96%	1.574%
66	12.569	1778	1782	1784	rBV5	13647	20959	2.18%	0.215%
67	12.680	1799	1801	1804	rVB4	20017	18444	1.92%	0.189%
68	12.757	1808	1814	1820	rBV	156360	184140	19.16%	1.890%
69	12.898	1834	1838	1841	rBV	1137620	917803	95.51%	9.418%
70	12.921	1841	1842	1845	rVB3	20747	13586	1.41%	0.139%
71	13.086	1866	1870	1873	rVB2	62180	76020	7.91%	0.780%
72	13.151	1879	1881	1884	rVB2	41058	32723	3.41%	0.336%
73	13.192	1884	1888	1889	rBV3	23050	23978	2.50%	0.246%
74	13.286	1901	1904	1907	rBV4	11398	18942	1.97%	0.194%
75	13.316	1907	1909	1912	rVV3	23301	24126	2.51%	0.248%
76	13.339	1912	1913	1917	rVB4	23943	18053	1.88%	0.185%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0222-COMP-N(DISCRETE-CL-22)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.516	1940	1943	1946	rVB4	42252	40579	4.22%	0.416%
78	13.574	1949	1953	1956	rBV6	20501	33481	3.48%	0.344%
79	13.710	1973	1976	1979	rBV3	17888	22067	2.30%	0.226%
80	13.768	1984	1986	1990	rVB5	17656	16412	1.71%	0.168%
81	13.874	1997	2004	2005	rBV7	19819	36208	3.77%	0.372%
82	13.957	2012	2018	2021	rBV2	339383	408945	42.55%	4.197%
83	13.980	2021	2022	2026	rVB	100985	82711	8.61%	0.849%
84	14.098	2041	2042	2045	rBV3	12810	14081	1.47%	0.144%
85	14.310	2076	2078	2080	rBV3	19059	16267	1.69%	0.167%
86	14.345	2080	2084	2087	rVB4	25482	35771	3.72%	0.367%
87	14.845	2166	2169	2172	rBV5	21238	27793	2.89%	0.285%
88	14.910	2178	2180	2184	rBV5	13085	17264	1.80%	0.177%
89	14.998	2189	2195	2198	rBV	108127	174356	18.14%	1.789%
90	15.104	2210	2213	2215	rBV4	29637	33443	3.48%	0.343%
91	15.292	2242	2245	2252	rVB	73048	92739	9.65%	0.952%
92	15.357	2252	2256	2261	rVB	104280	127464	13.26%	1.308%
93	15.415	2261	2266	2270	rBV	220272	283270	29.48%	2.907%
94	15.615	2298	2300	2304	rBV5	17350	25842	2.69%	0.265%
95	16.509	2448	2452	2457	rBV8	21138	33283	3.46%	0.342%
96	16.874	2507	2514	2520	rBV4	43319	83432	8.68%	0.856%
97	17.098	2550	2552	2557	rVB4	12338	16564	1.72%	0.170%
98	17.309	2584	2588	2592	rBV2	29765	53643	5.58%	0.550%
99	17.562	2627	2631	2639	rBV2	12457	25742	2.68%	0.264%
100	17.656	2642	2647	2649	rBV5	13345	21447	2.23%	0.220%

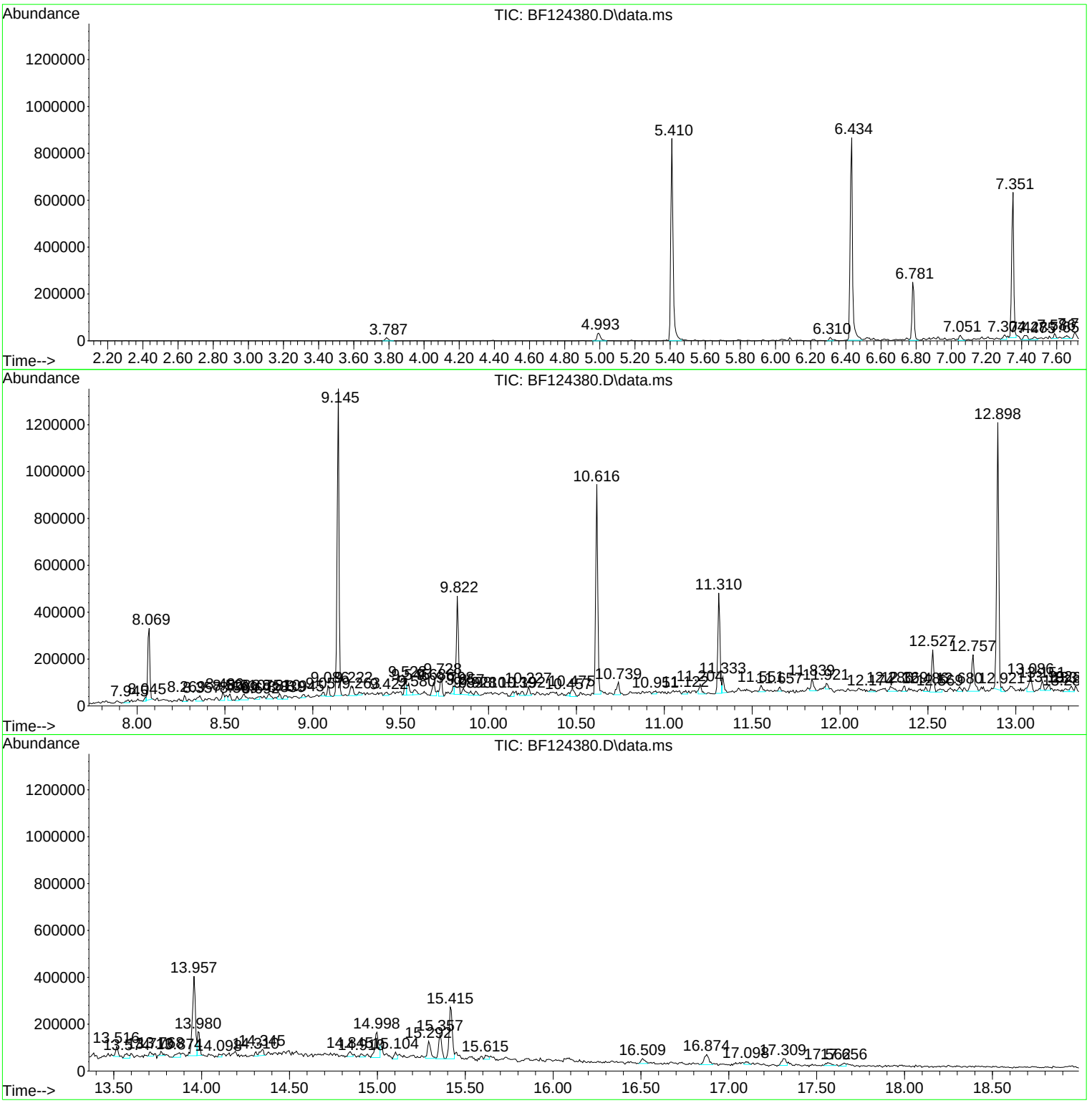
Sum of corrected areas: 9744755

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
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Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

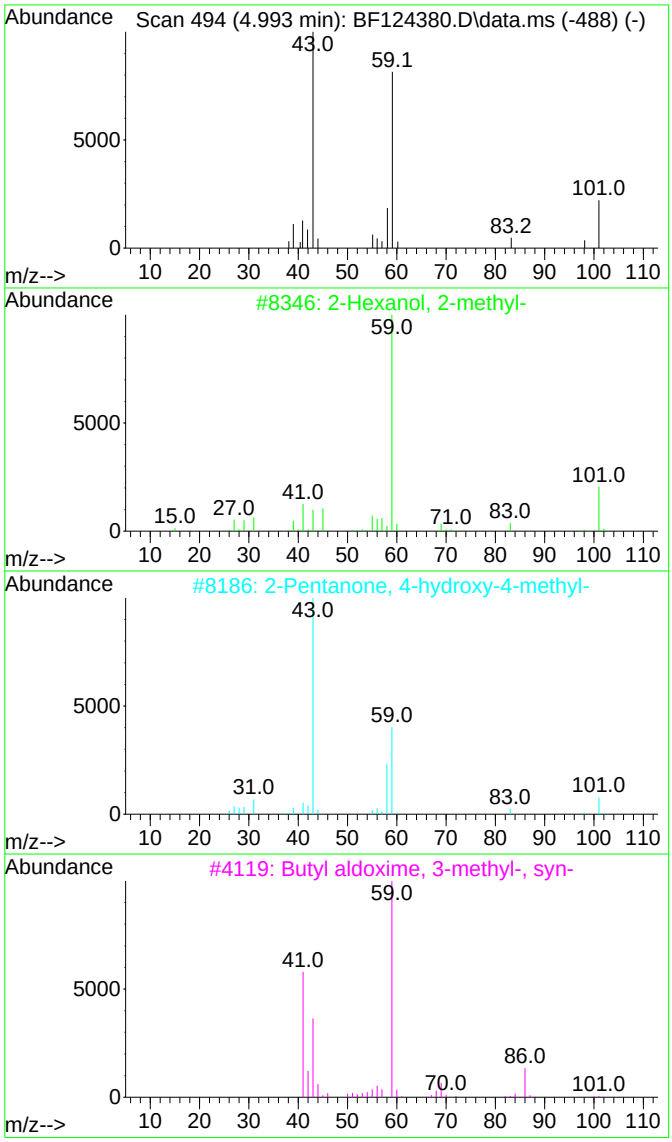
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

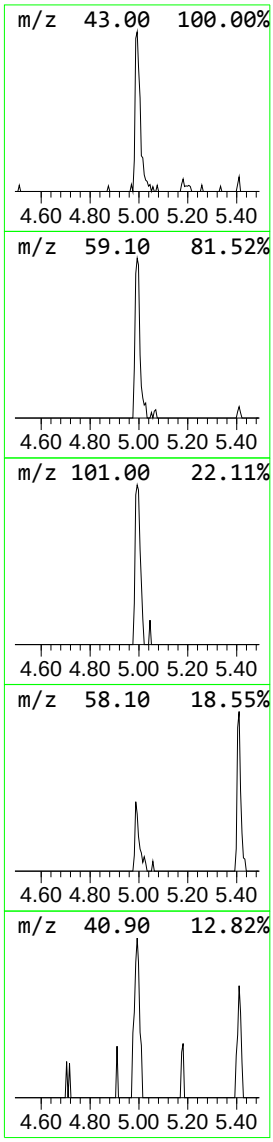
****

Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	4.47 ng	48618	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

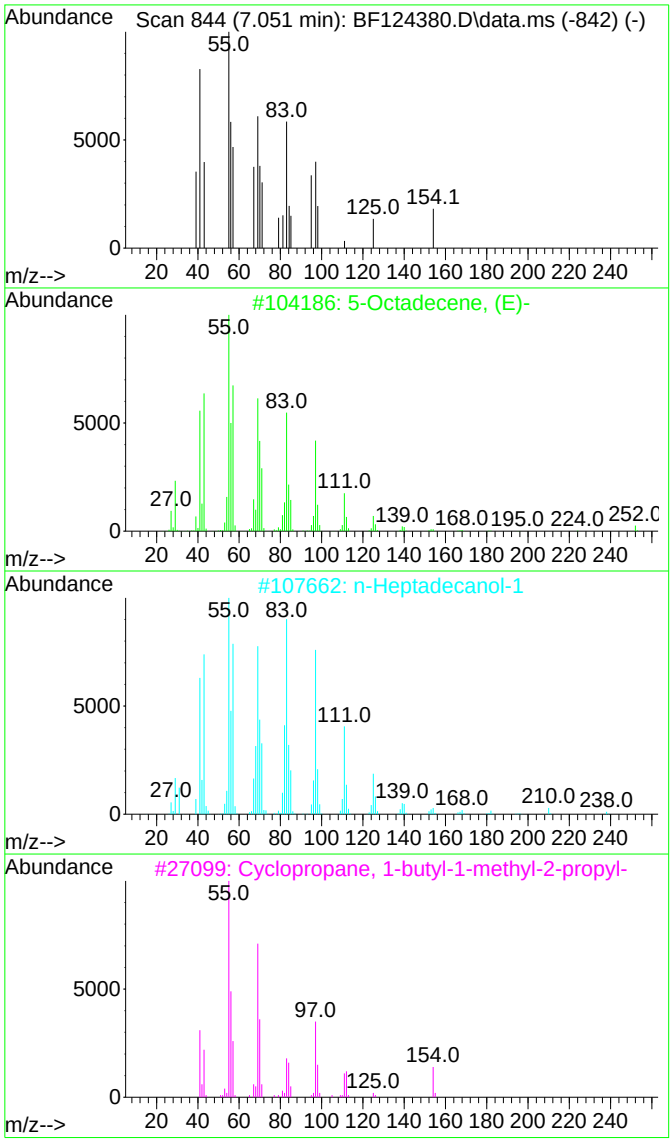
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

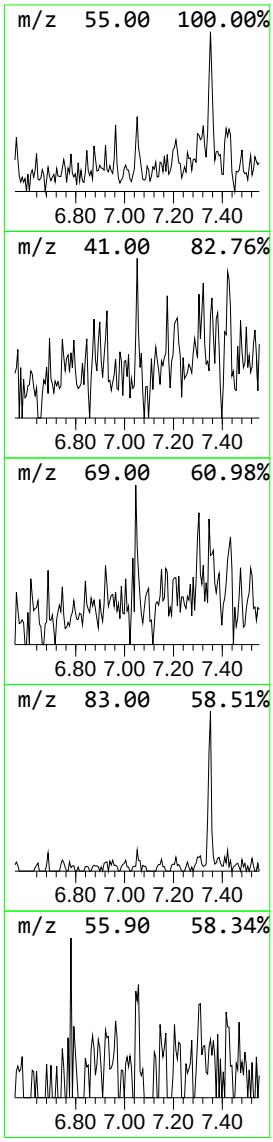
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5-Octadecene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	2.21 ng	24002	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	72
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	53
3	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	52
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	50
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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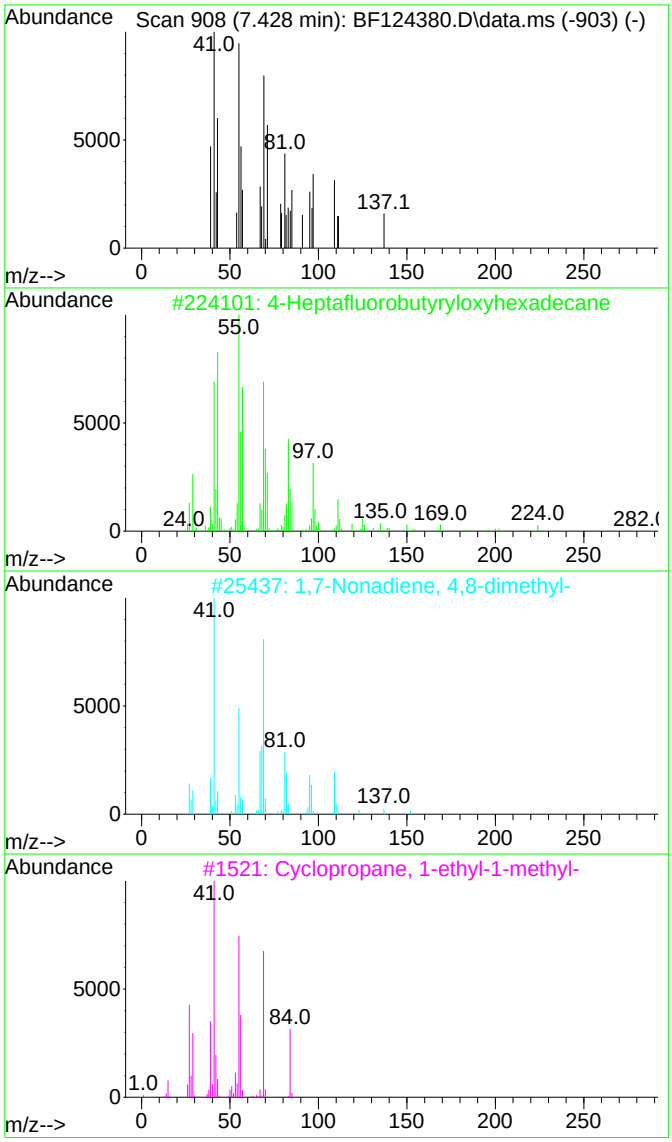
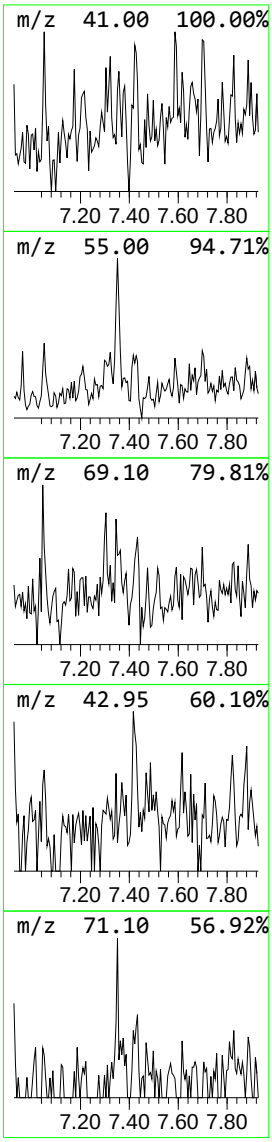
Peak Number 3 unknown7.428 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.428	2.29 ng	29450	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	40
2	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	32
3	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	30
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
5	Cyclopropane, 1,1-dimethyl-2-(2-...	110	C8H14	036939-15-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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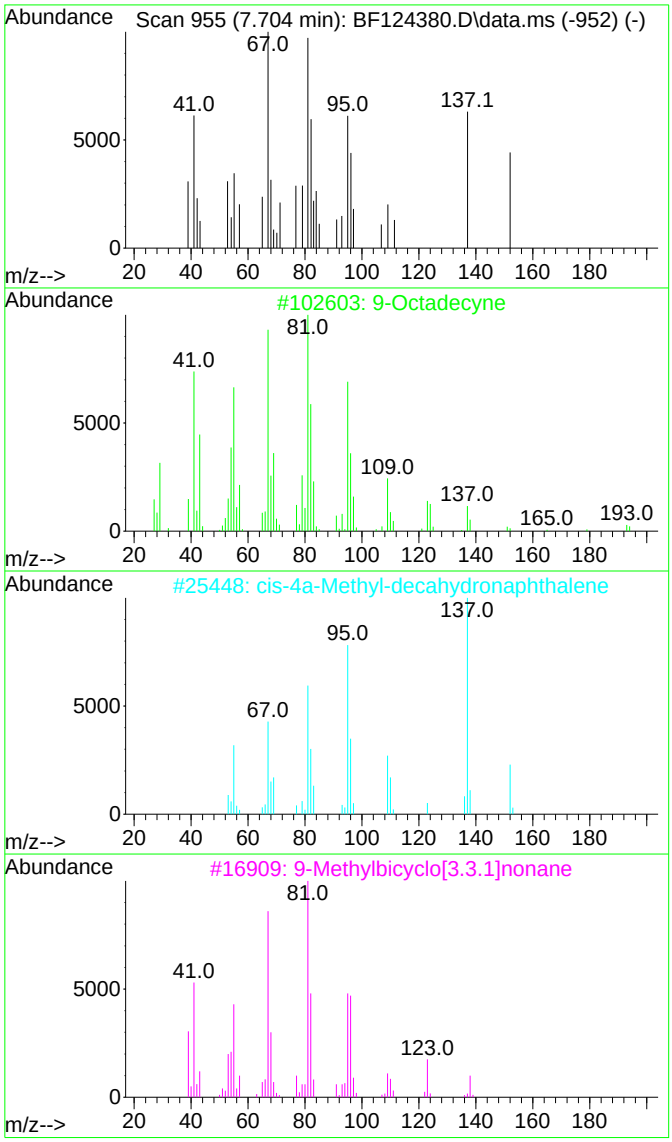
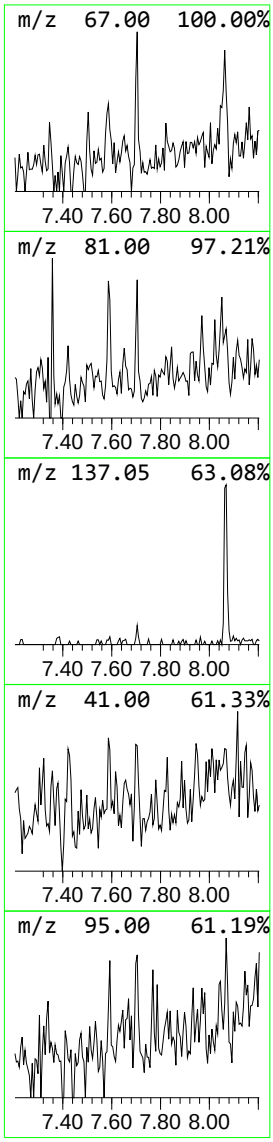
Peak Number 4 9-Octadecyne Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.704	2.16 ng	27889	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecyne	250	C18H34	035365-59-4	64
2	cis-4a-Methyl-decahydronaphthalene	152	C11H20	002547-26-4	64
3	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	53
4	1-Tridecyne	180	C13H24	026186-02-7	53
5	1-Pentadecyne	208	C15H28	000765-13-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

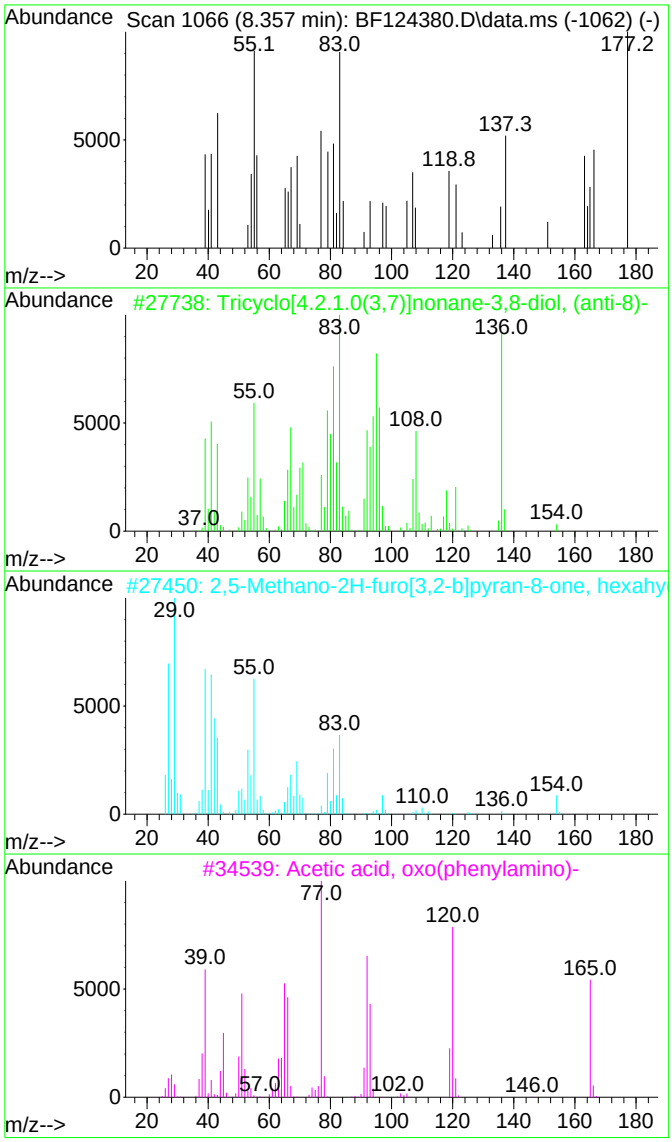
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

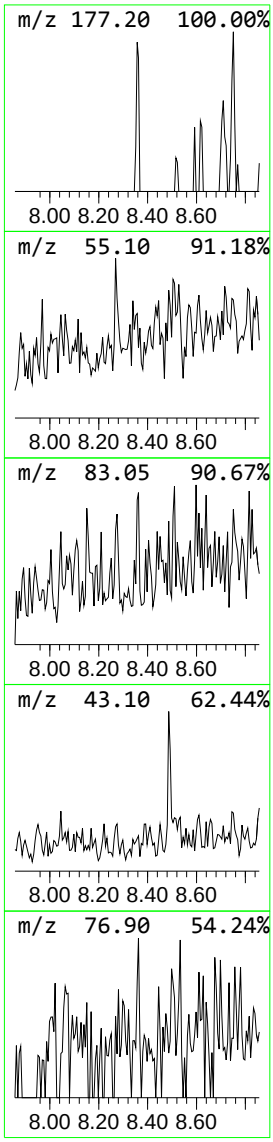
****

Peak Number 5 unknown8.357 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.357	2.38 ng	30632	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.2.1.0(3,7)]nonane-3,8...	154	C9H14O2	106435-09-0	12
2	2,5-Methano-2H-furo[3,2-b]pyran-...	154	C8H10O3	029946-82-5	12
3	Acetic acid, oxo(phenylamino)-	165	C8H7NO3	000500-72-1	11
4	(3,7,7-Trimethyl-bicyclo[2.2.1]h...	168	C11H20O	1000185-70-1	10
5	Spiro[bicyclo[3.3.0]octan-6-one-...	150	C10H14O	1000152-21-9	10





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Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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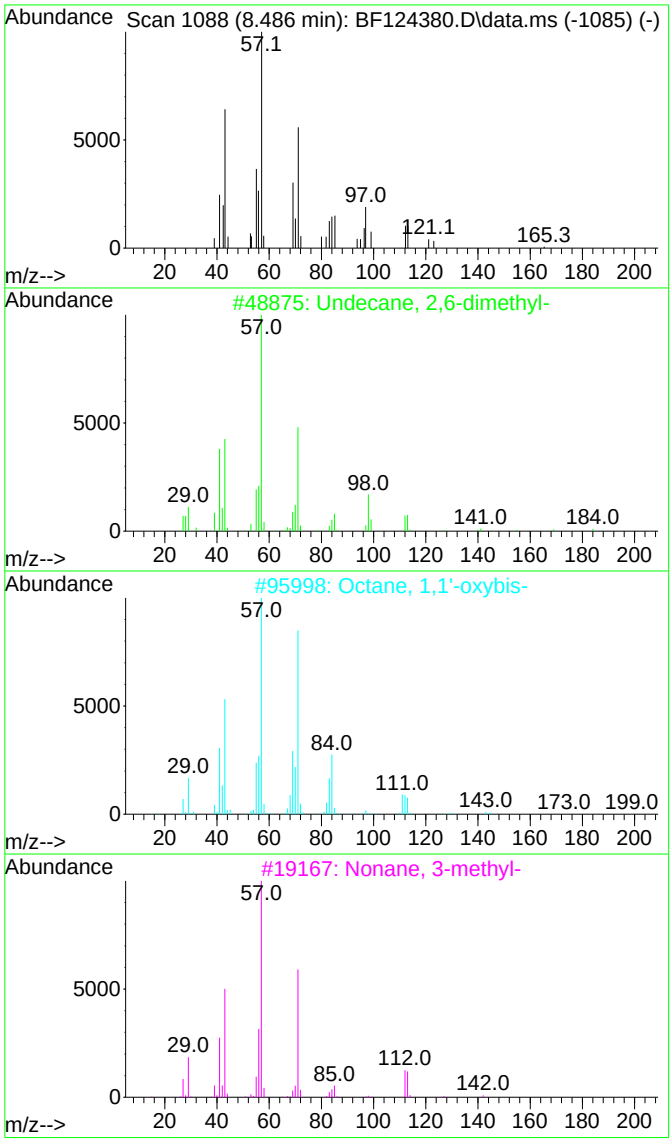
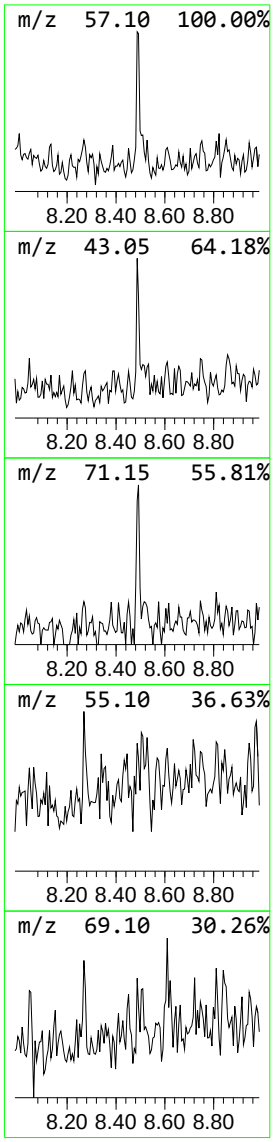
Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.486	2.52 ng	32504	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	47
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	47





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Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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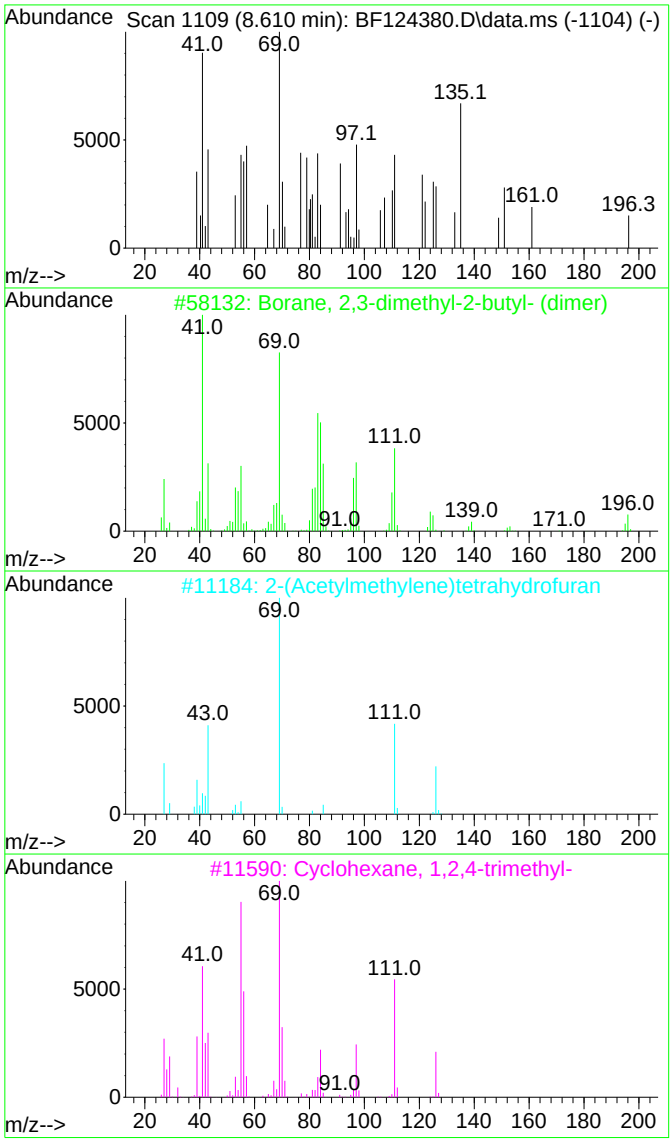
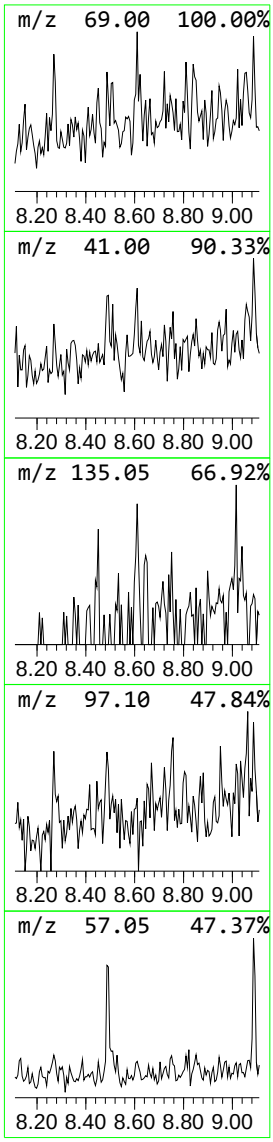
Peak Number 7 unknown8.610 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	2.95 ng	37972	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	43
2	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	30
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25
4	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	16
5	7-Tetradecanol	214	C14H30O	003981-79-1	16





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Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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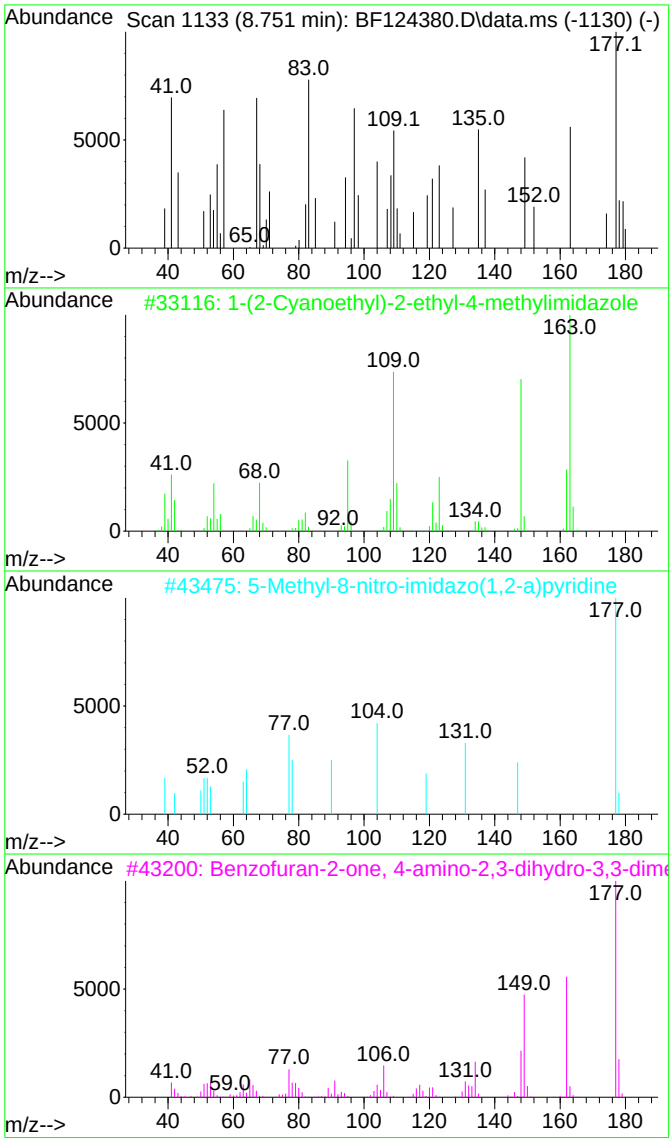
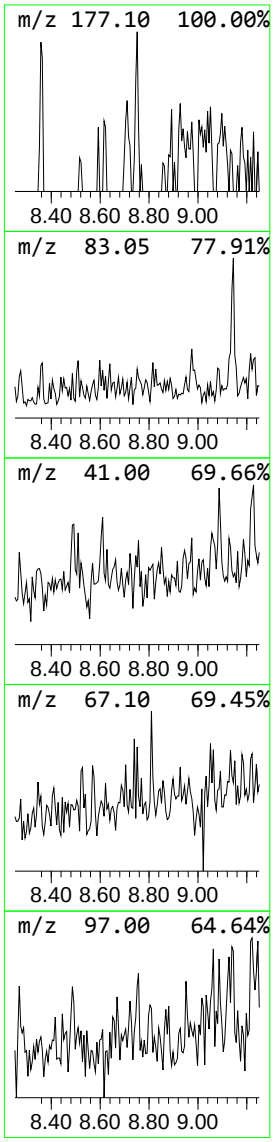
Peak Number 8 unknown8.751 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	2.20 ng	28295	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Cyanoethyl)-2-ethyl-4-methy...	163	C9H13N3	023996-25-0	10
2	5-Methyl-8-nitro-imidazo(1,2-a)p...	177	C8H7N3O2	052310-51-7	10
3	Benzofuran-2-one, 4-amino-2,3-di...	177	C10H11NO2	1000129-51-7	9
4	2,4,6-Trimethylphenyl isothiocya...	177	C10H11NS	006095-82-5	9
5	1H-Pyrrole, 1-(4-chlorophenyl)-	177	C10H8ClN	005044-38-2	9





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Sample : M2709-04
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0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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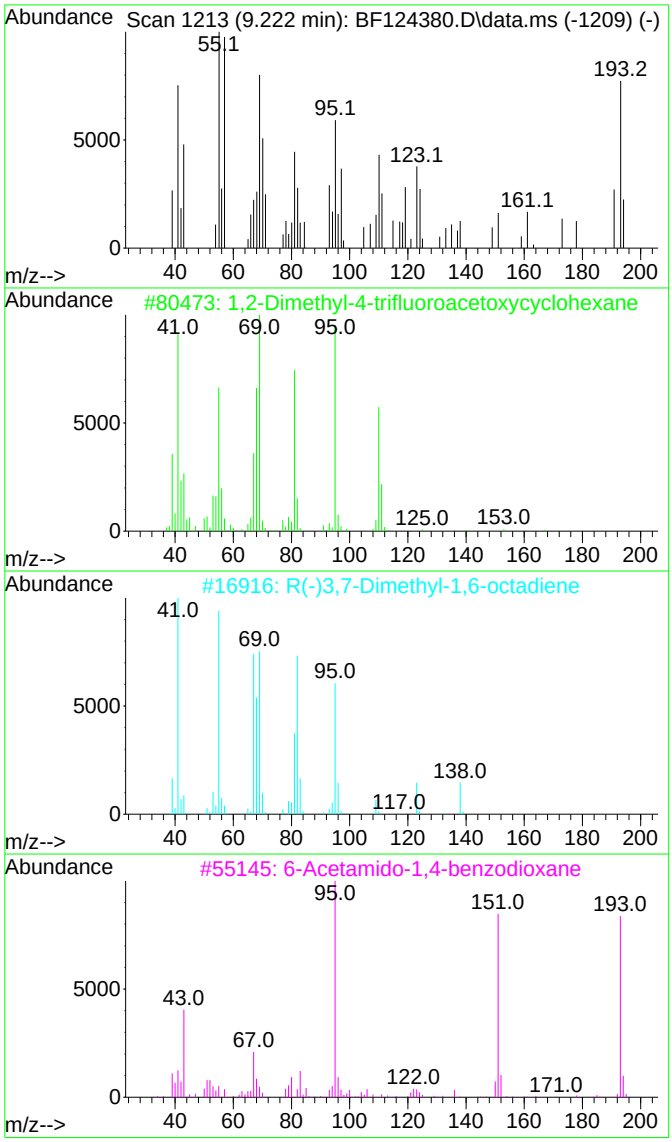
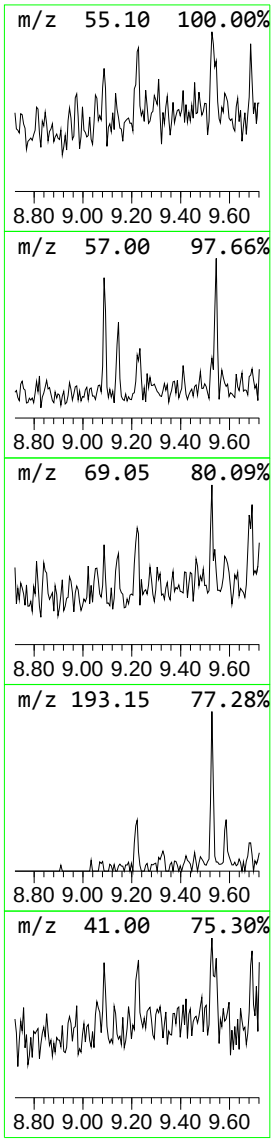
Peak Number 9 unknown9.222 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.222	3.26 ng	55417	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-4-trifluoroacetoxyc...	224	C10H15F3O2	330154-34-2	35
2	R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	25
3	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	22
4	Citronellol	156	C10H20O	000106-22-9	22
5	Methanone, cyclohexyl-1H-imidazo...	178	C10H14N2O	061985-29-3	20





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Sample : M2709-04
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Instrument :
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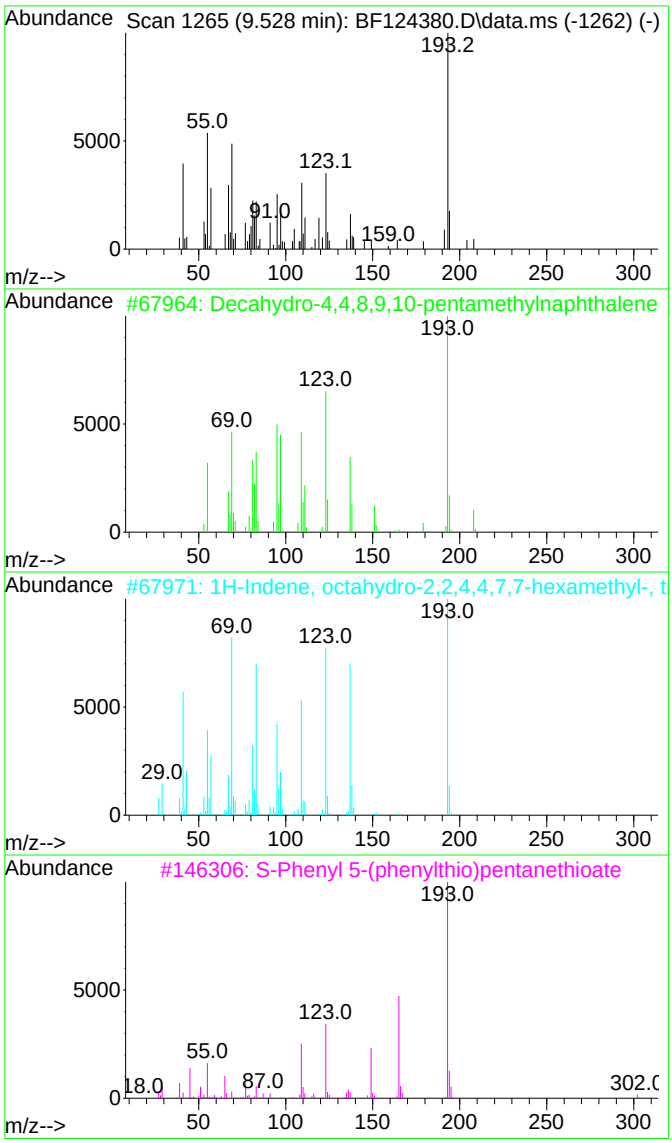
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

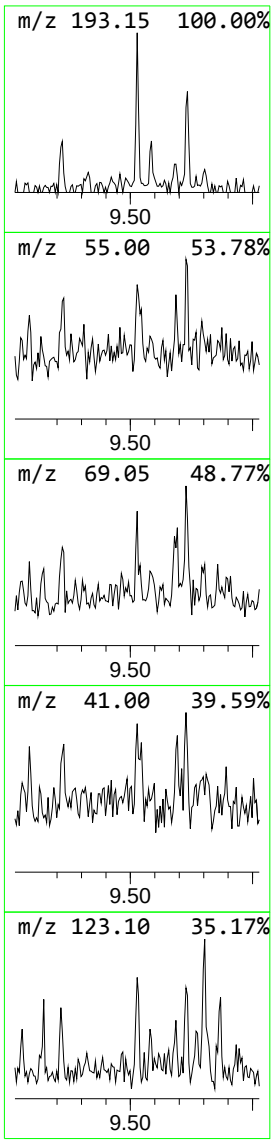
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	3.02 ng	51345	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	40
4	2-Phenylindolizine	193	C14H11N	025379-20-8	38
5	Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	35





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Sample : M2709-04
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ALS Vial : 12 Sample Multiplier: 1

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0222-COMP-N(DISCRETE-CL-22)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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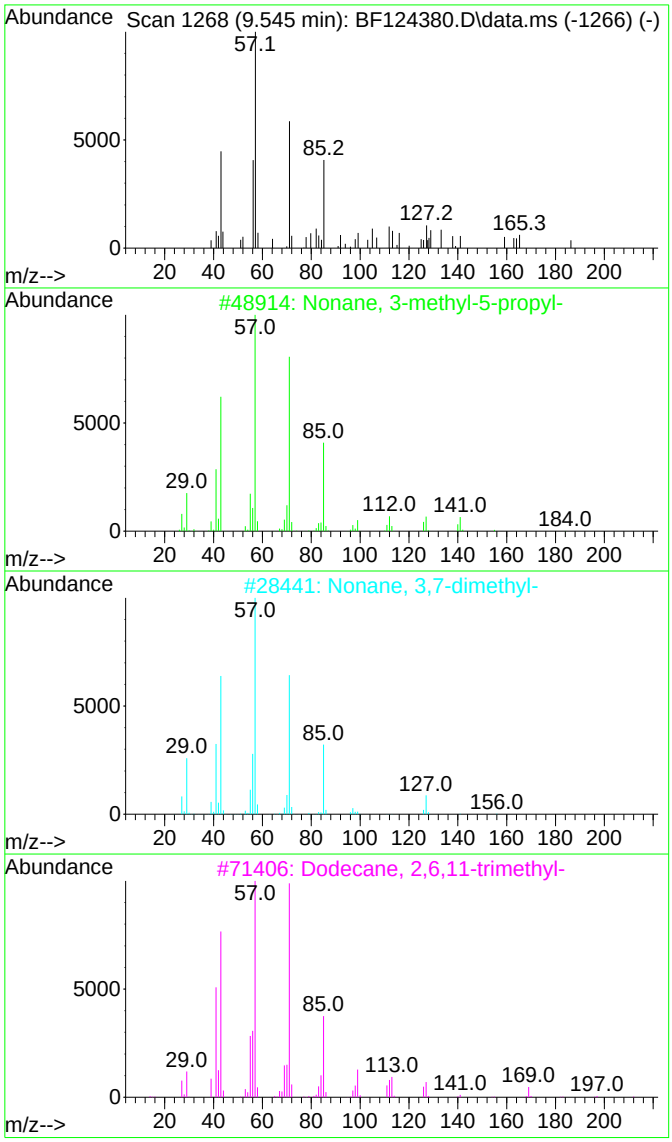
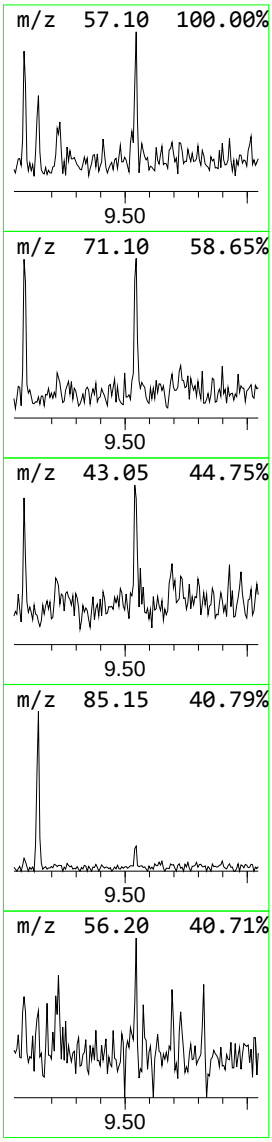
Peak Number 11 Nonane, 3-methyl-5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	2.89 ng	49228	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5	Hexadecane	226	C16H34	000544-76-3	47





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Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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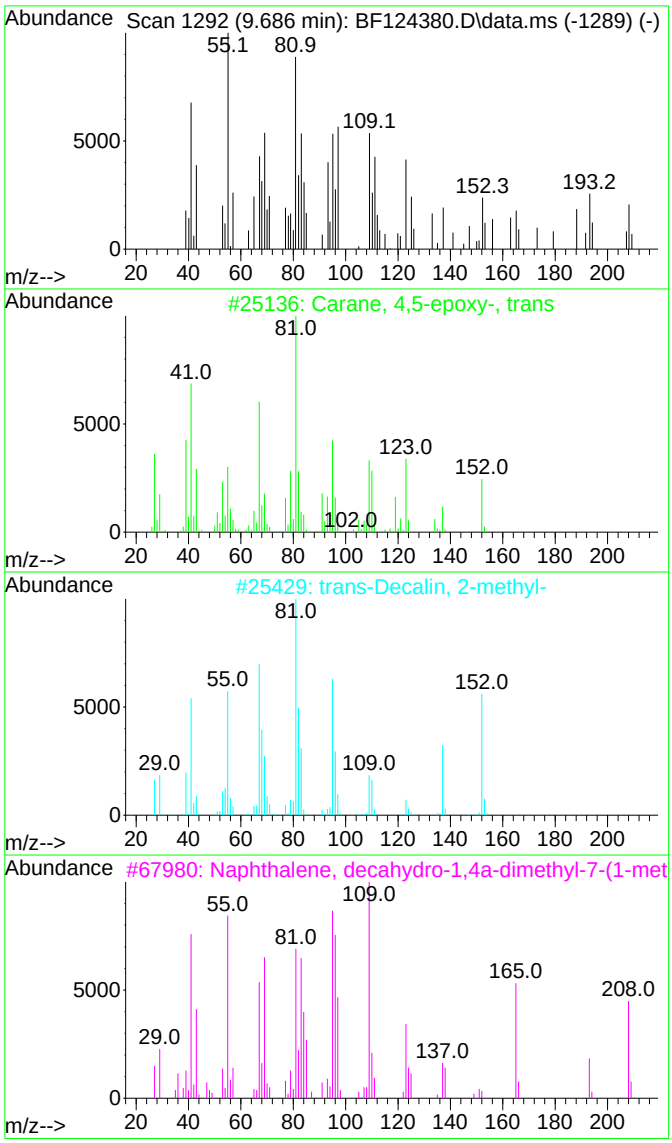
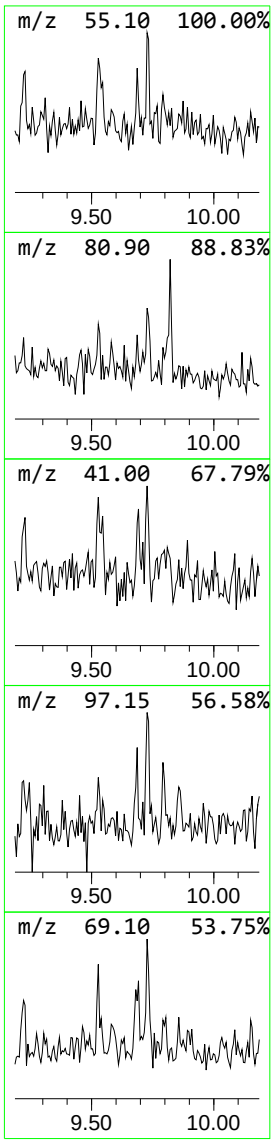
Peak Number 12 unknown9.686 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	3.76 ng	64022	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carane, 4,5-epoxy-, trans	152	C10H16O	006909-20-2	45
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	30
3	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	27
4	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	25
5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	25





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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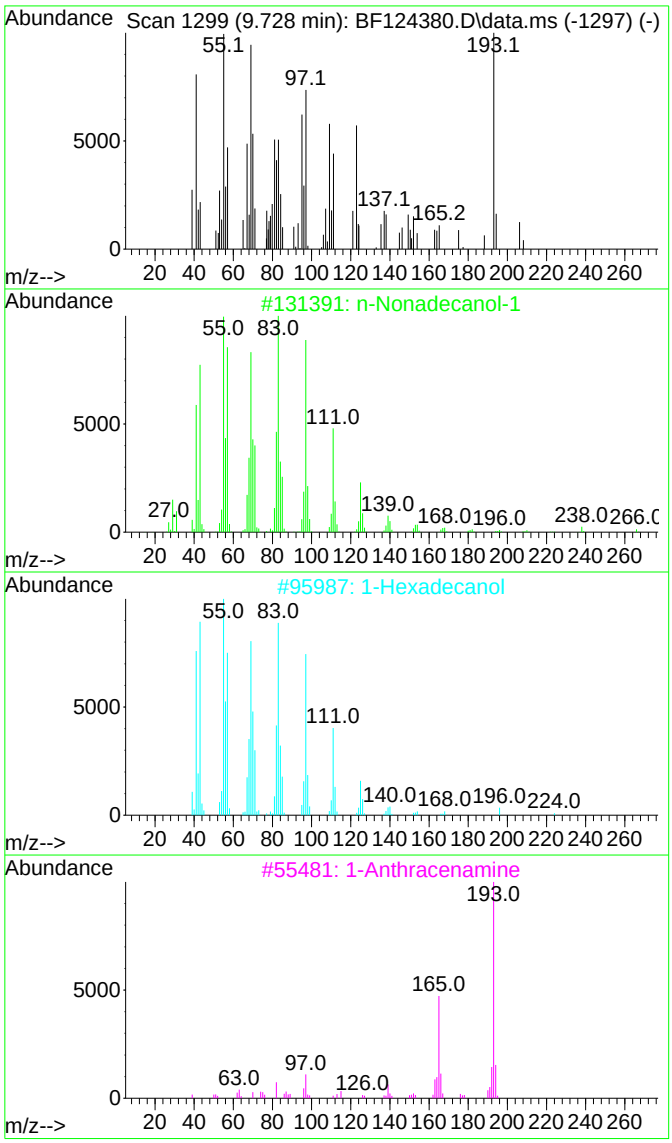
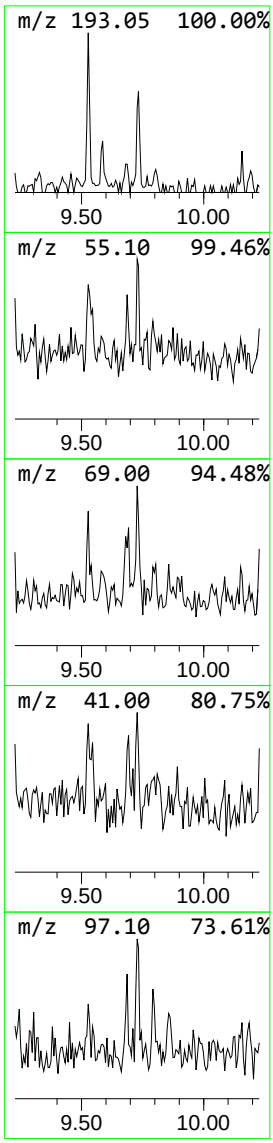
Peak Number 13 unknown9.728 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	4.24 ng	72124	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	35
2	1-Hexadecanol	242	C16H34O	036653-82-4	35
3	1-Anthracenamine	193	C14H11N	000610-49-1	25
4	2-Anthracenamine	193	C14H11N	000613-13-8	25
5	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-66-7	20





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Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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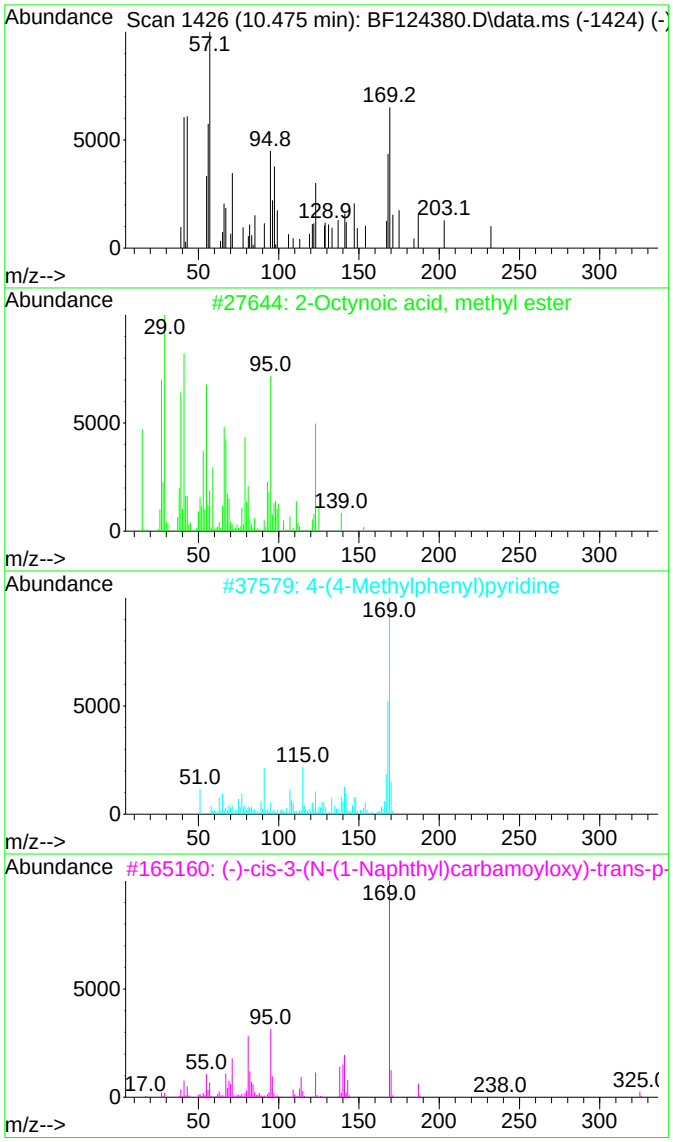
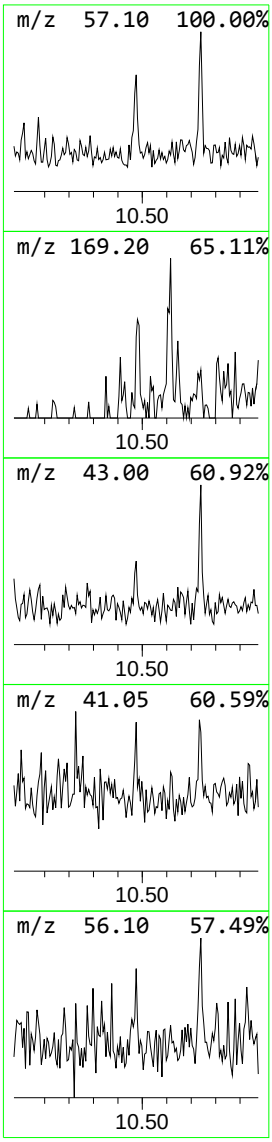
Peak Number 14 unknown10.475 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	2.53 ng	42969	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octynoic acid, methyl ester	154	C9H14O2	000111-12-6	12
2	4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	10
3	(-)-cis-3-(N-(1-Naphthyl)carbamo...	325	C21H27NO2	1000241-10-1	10
4	Cyclopropanecarbonitrile	67	C4H5N	005500-21-0	9
5	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	9





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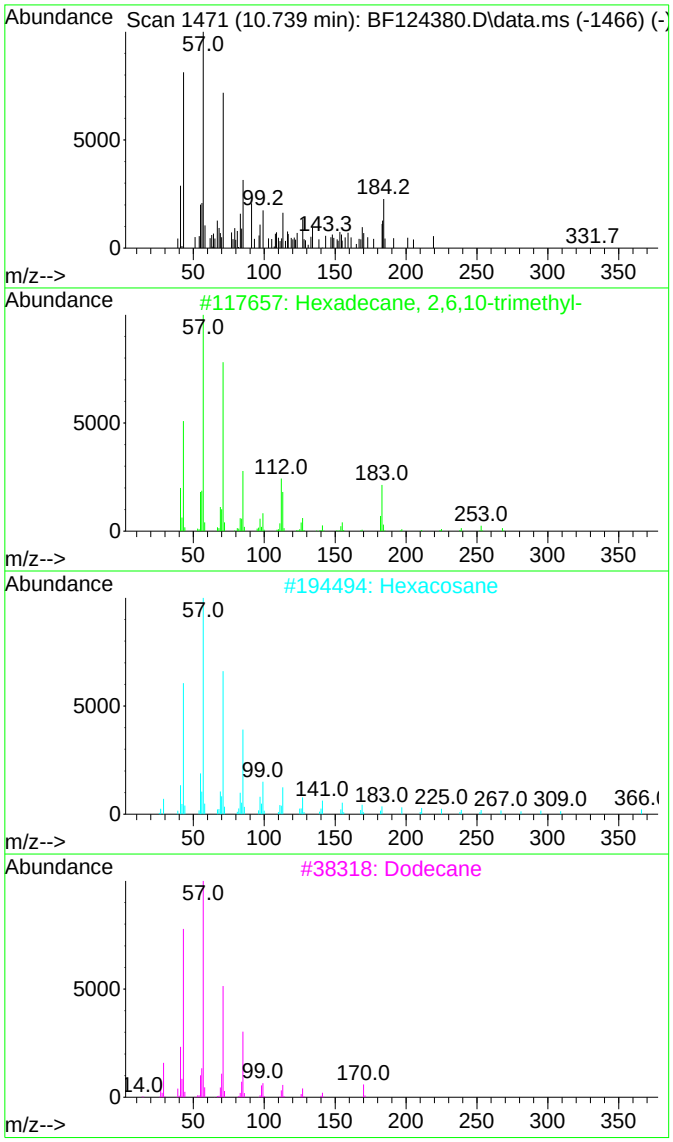
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

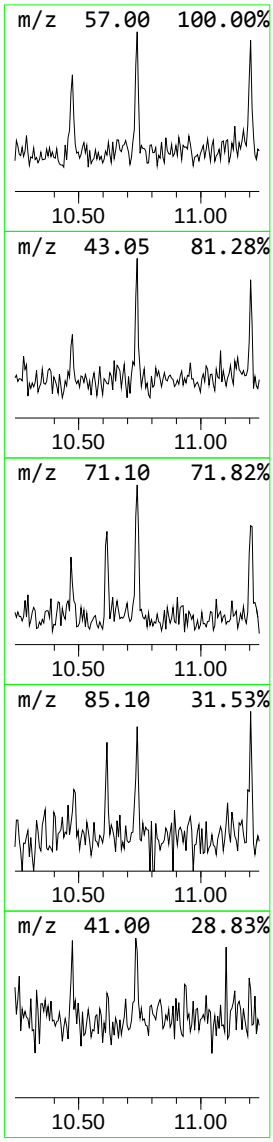
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	3.25 ng	59646	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	50
2	Hexacosane	366	C26H54	000630-01-3	43
3	Dodecane	170	C12H26	000112-40-3	43
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	38
5	Octane, 2-methyl-	128	C9H20	003221-61-2	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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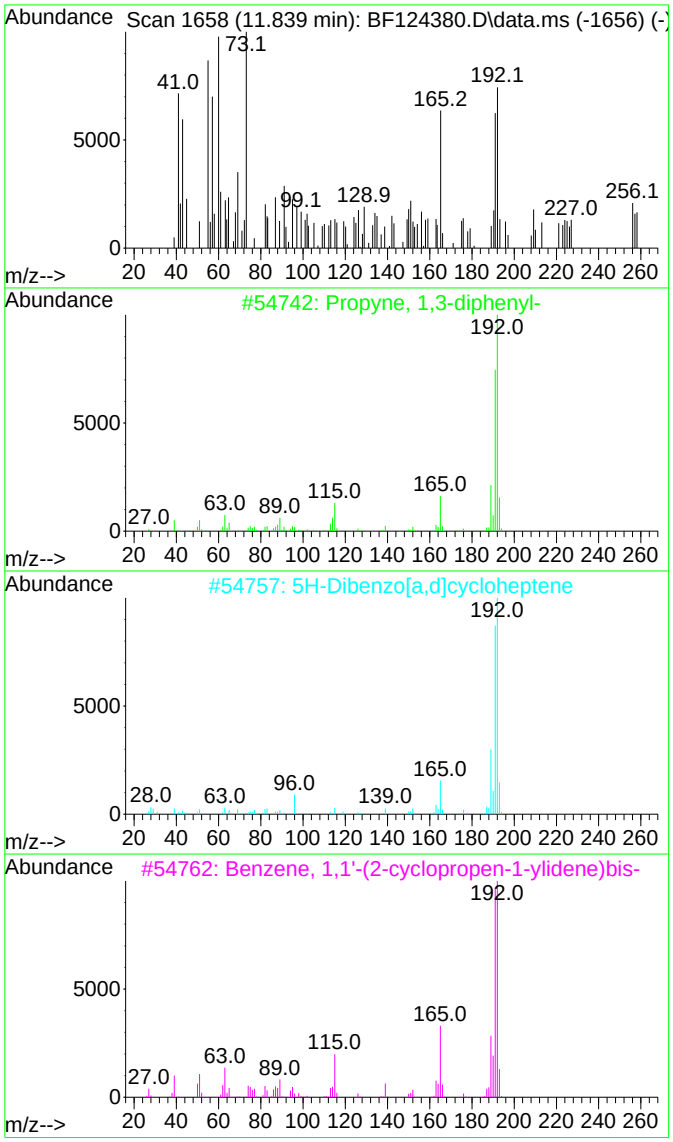
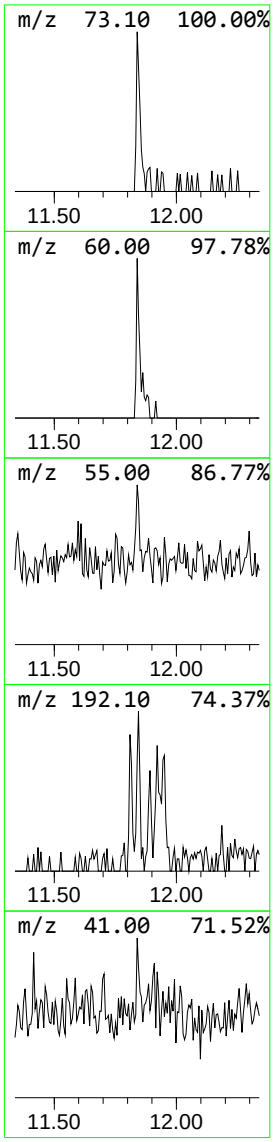
Peak Number 16 unknown11.839 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.76 ng	50605	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	43
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	43
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	27





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Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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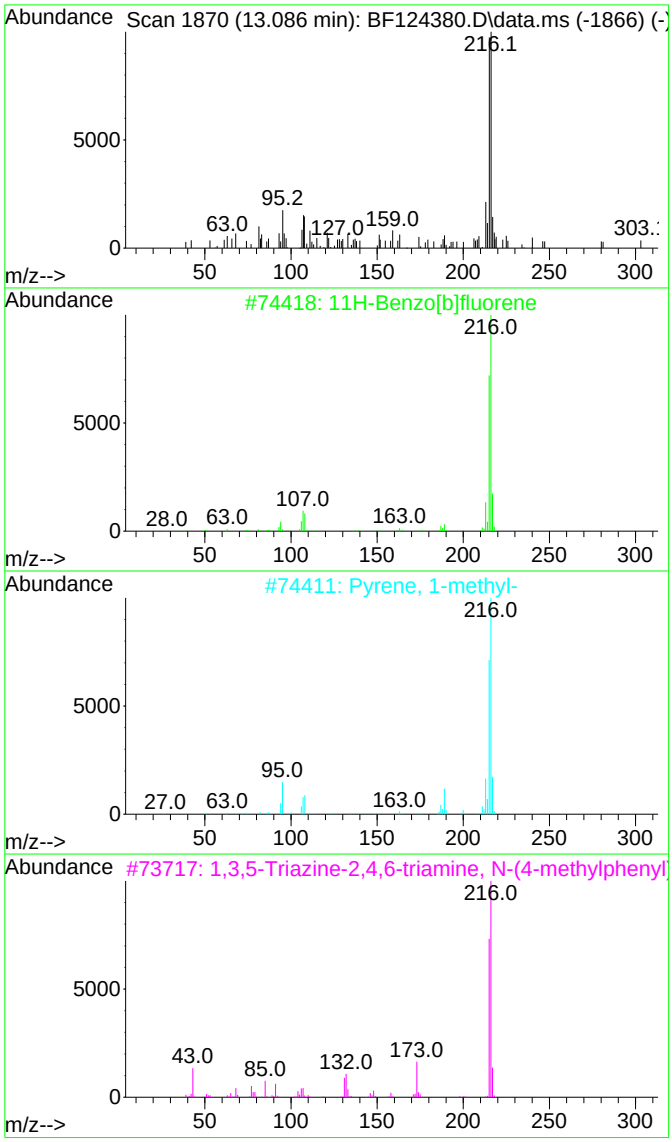
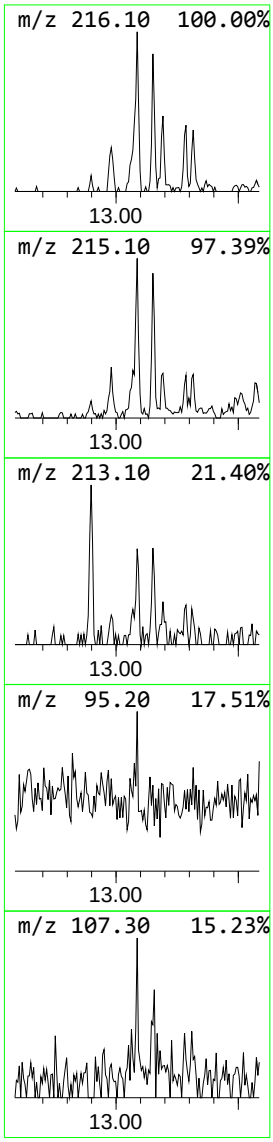
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.72 ng	76020	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	58
4	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	53
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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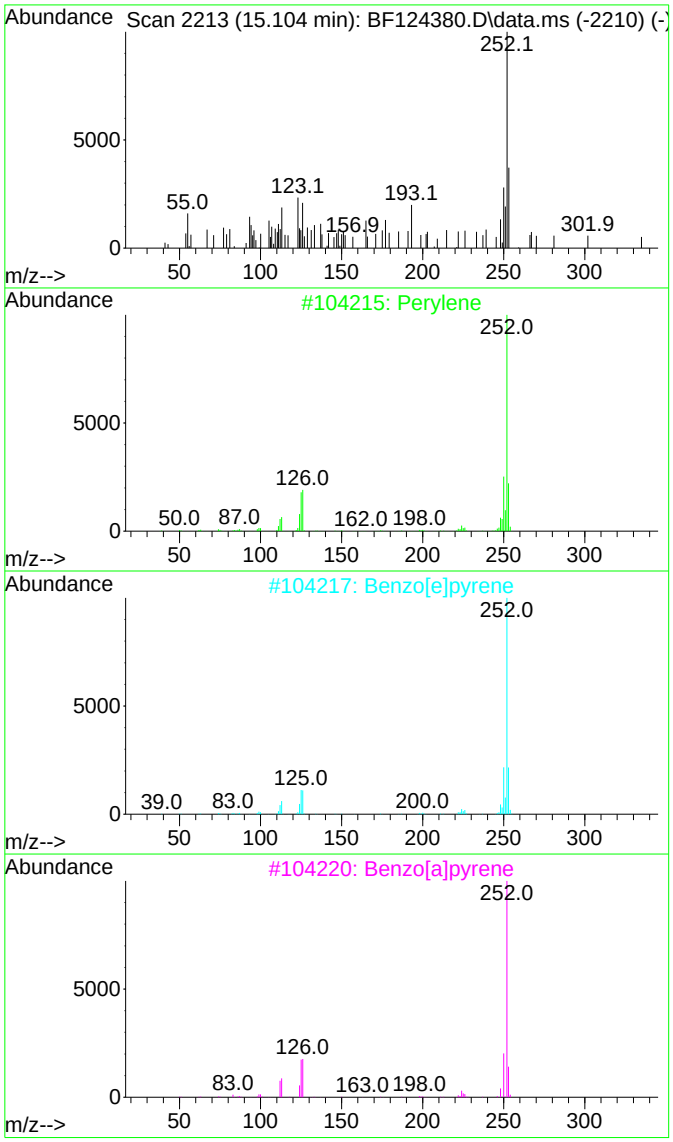
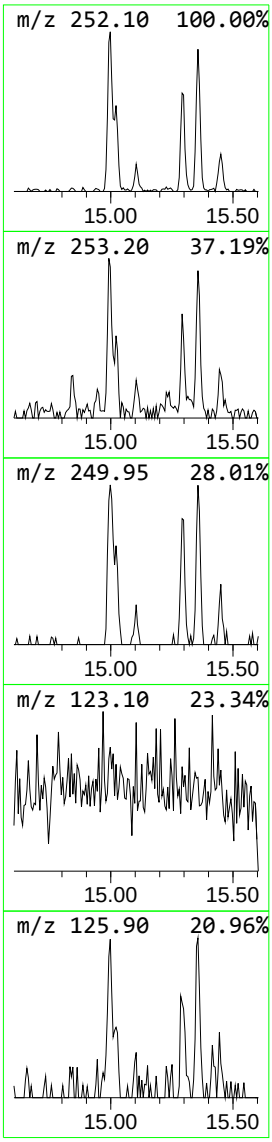
Peak Number 18 Perylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.36 ng	33443	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	50
2	Benzo[e]pyrene	252	C20H12	000192-97-2	43
3	Benzo[a]pyrene	252	C20H12	000050-32-8	38
4	3,4-Dihydroisoquinolin, 1-benzyl...	253	C16H15NO2	017578-74-4	38
5	4'-Methoxyflavone	252	C16H12O3	004143-74-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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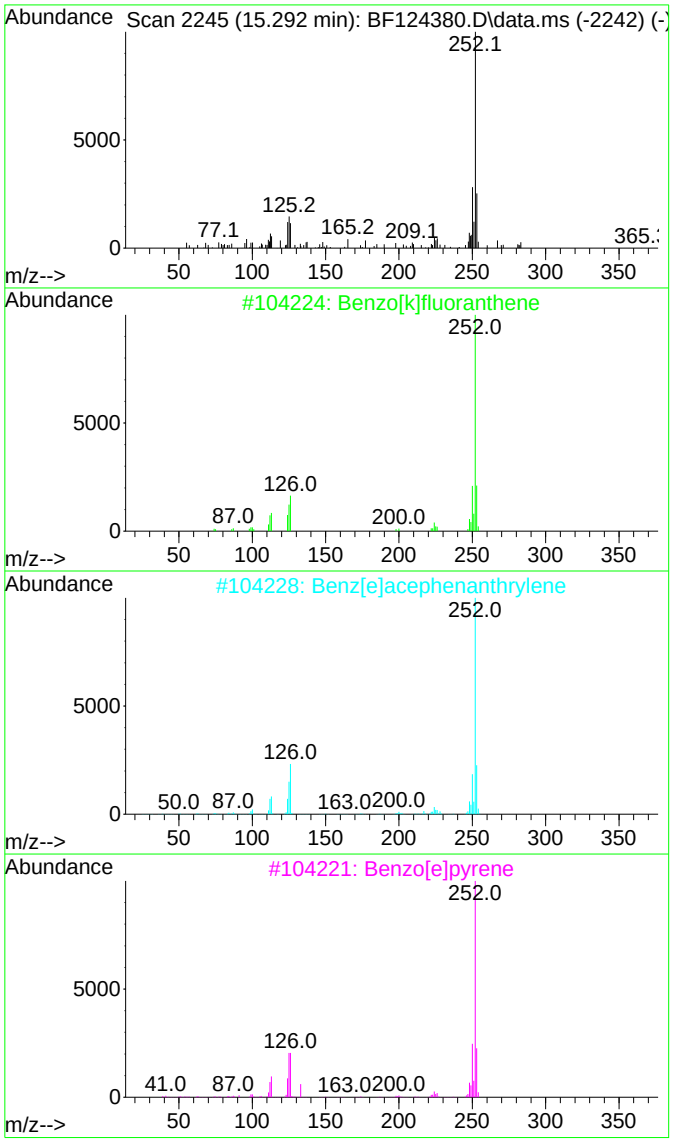
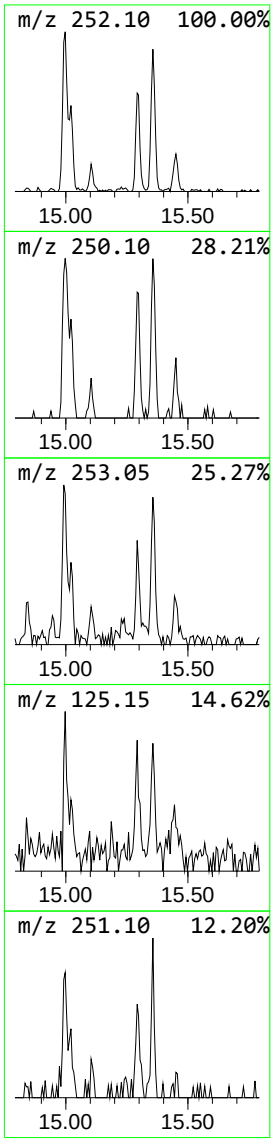
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	6.55 ng	92739	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
3	Benzo[e]pyrene	252	C20H12	000192-97-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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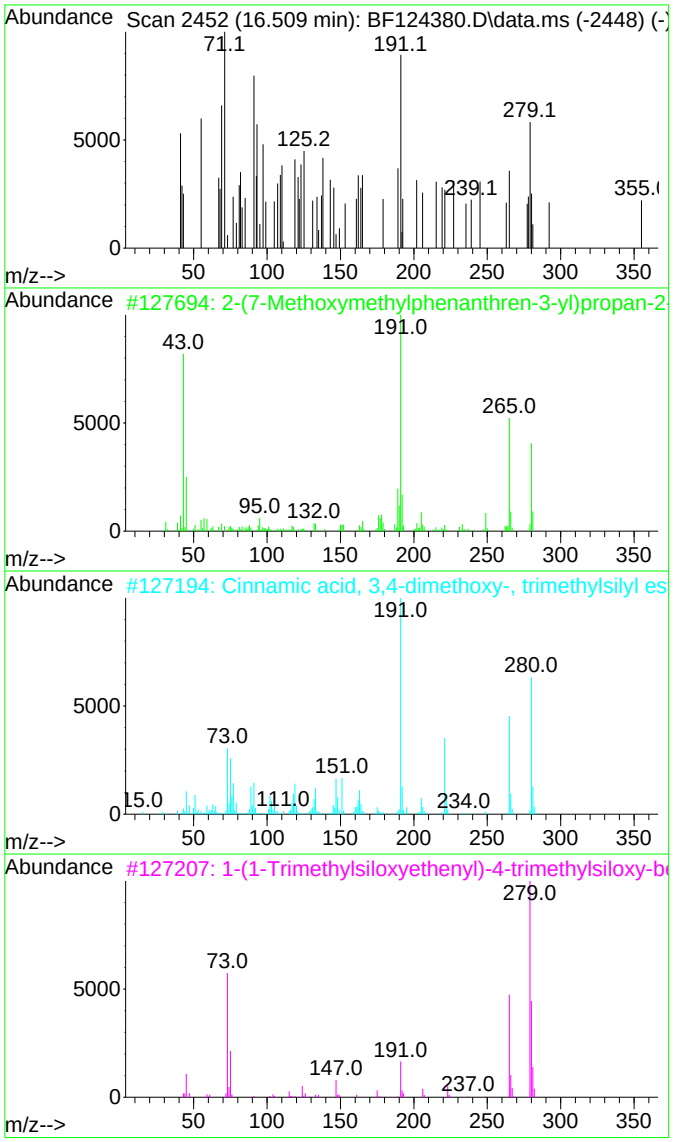
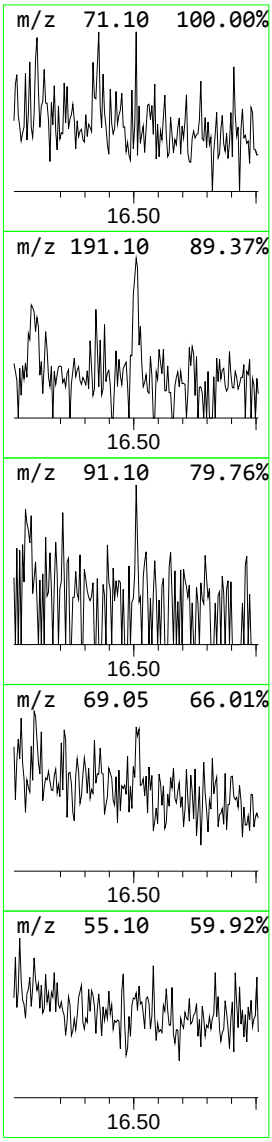
Peak Number 20 unknown16.509 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.509	2.35 ng	33283	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(7-Methoxymethylphenanthren-3-...	280	C19H20O2	1000201-97-9	35
2	Cinnamic acid, 3,4-dimethoxy-, t...	280	C14H20O4Si	027750-71-6	16
3	1-(1-Trimethylsiloxyethenyl)-4-t...	280	C14H24O2Si2	060068-18-0	14
4	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	12
5	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0222-COMP-N(DISCRETE-CL-22)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexanol, 2-me...	4.993	4.5	ng	48618	1	6.781	217477	20.0
5-Octadecene, (E)-	7.051	2.2	ng	24002	1	6.781	217477	20.0
unknown7.428	7.428	2.3	ng	29450	2	8.069	257718	20.0
9-Octadecyne	7.704	2.2	ng	27889	2	8.069	257718	20.0
unknown8.357	8.357	2.4	ng	30632	2	8.069	257718	20.0
Undecane, 2,6-d...	8.486	2.5	ng	32504	2	8.069	257718	20.0
unknown8.610	8.610	3.0	ng	37972	2	8.069	257718	20.0
unknown8.751	8.751	2.2	ng	28295	2	8.069	257718	20.0
unknown9.222	9.222	3.3	ng	55417	3	9.822	340112	20.0
Decahydro-4,4,8...	9.528	3.0	ng	51345	3	9.822	340112	20.0
Nonane, 3-methy...	9.545	2.9	ng	49228	3	9.822	340112	20.0
unknown9.686	9.686	3.8	ng	64022	3	9.822	340112	20.0
unknown9.728	9.728	4.2	ng	72124	3	9.822	340112	20.0
unknown10.475	10.475	2.5	ng	42969	3	9.822	340112	20.0
Hexadecane, 2,6...	10.739	3.3	ng	59646	4	11.310	366988	20.0
unknown11.839	11.839	2.8	ng	50605	4	11.310	366988	20.0
11H-Benzo[b]flu...	13.086	3.7	ng	76020	5	13.957	408945	20.0
Perylene	15.104	2.4	ng	33443	6	15.421	283270	20.0
Benzo[e]pyrene	15.292	6.5	ng	92739	6	15.421	283270	20.0
unknown16.509	16.509	2.4	ng	33283	6	15.421	283270	20.0