LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.292	542	545	553	rVB	1928728	1877902	41.40%	2.073%
2	5.834	635	637	642	rVB2	213011	212384	4.68%	0.234%
3	5.934	651	654	661	rVB	545313	597966	13.18%	0.660%
4	5.992	661	664	667	rBV	278302	247492	5.46%	0.273%
5	6.128	681	687	690	rBV3	301519	387185	8.54%	0.427%
6	6.216	699	702	705	rBV2	317200	350598	7.73%	0.387%
7	6.245	705	707	711	rVB3	189944	183265	4.04%	0.202%
8	6.339	719	723	729	rBV	1913072	2154033	47.49%	2.378%
9	6.434	735	739	743	rBV2	381711	565792	12.47%	0.625%
10	6.534	751	756	758	rBV2	331189	449536	9.91%	0.496%
11	6.634	766	773	776	rBV5	166647	318414	7.02%	0.351%
12	6.692	780	783	785	rBV	1057351	961624	21.20%	1.061%
13	6.710	785	786	790	rVB	619693	440127	9.70%	0.486%
14	6.757	790	794	796	rBV2	342609	396675	8.74%	0.438%
15	6.792	796	800	801	rBV2	173233	183703	4.05%	0.203%
16	6.816	801	804	806	rBV	279698	198106	4.37%	0.219%
17	6.845	806	809	810	rBV	808788	686011	15.12%	0.757%
18	6.863	810	812	817	rVB2	741345	905093	19.95%	0.999%
19	6.928	820	823	825	rBV3	211360	199094	4.39%	0.220%
20	6.963	825	829	834	rVB5	433743	798067	17.59%	0.881%
21	7.010	834	837	840	rBV4	227952	263588	5.81%	0.291%
22	7.045	840	843	847	rBV4	245565	333162	7.34%	0.368%
23	7.086	847	850	853	rBV3	774315	711927	15.69%	0.786%
24	7.234	868	875	877	rBV3	1105707	1707892	37.65%	1.885%
25	7.257	877	879	881	rVV	1175148	1067114	23.52%	1.178%
26	7.298	884	886	889	rVB2	336779	294611	6.49%	0.325%
27	7.339	889	893	897	rVB4	780465	1312283	28.93%	1.449%
28	7.392	897	902	903	rBV3	410297	554488	12.22%	0.612%
29	7.410	903	905	909	rVB3	282939	295221	6.51%	0.326%
30	7.451	909	912	913	rBV	290921	248005	5.47%	0.274%
31	7.475	913	916	917	rVV2	334659	377939	8.33%	0.417%
32	7.504	919	921	924	rVB	1192904	976967	21.54%	1.078%
33	7.539	924	927	929	rBV3	270956	240742	5.31%	0.266%
34	7.604	932	938	939	rBV2	883819	1324340	29.20%	1.462%

LSC Area Percent Report

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Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.616	939	940	945	rVB4	1124368	1152191	25.40%	1.272%
36	7.669	945	949	951	rBV3	424431	530358	11.69%	0.585%
37	7.722	956	958	960	rBV2	681854	559340	12.33%	0.617%
38	7.804	967	972	976	rBV3	737873	890361	19.63%	0.983%
39	7.851	976	980	982	rBV	693106	902571	19.90%	0.996%
40	7.886	984	986	988	rVB2	412703	316517	6.98%	0.349%
41	7.922	989	992	993	rBV2	744956	610716	13.46%	0.674%
42	7.939	993	995	997	rVV2	431246	318684	7.03%	0.352%
43	7.981	997	1002	1004	rVV2	1364543	1957777	43.16%	2.161%
44	8.033	1009	1011	1012	rVV2	782034	739108	16.29%	0.816%
45	8.051	1012	1014	1016	rVV	1657151	1435873	31.65%	1.585%
46	8.075	1016	1018	1021	rVB2	522987	476906	10.51%	0.526%
47	8.151	1026	1031	1035	rBV6	635039	1491939	32.89%	1.647%
48	8.192	1035	1038	1040	rVB2	647640	639966	14.11%	0.706%
49	8.281	1045	1053	1055	rBV5	1617852	2831787	62.43%	3.126%
50	8.304	1055	1057	1060	rBV2	302283	288858	6.37%	0.319%
51	8.333	1060	1062	1065	rBV4	497139	420620	9.27%	0.464%
52	8.369	1065	1068	1071	rVB4	829259	985418	21.72%	1.088%
53	8.416	1071	1076	1080	rBV2	2964563	4536091	100.00%	5.007%
54	8.486	1086	1088	1091	rVB3	638523	609214	13.43%	0.672%
55	8.528	1091	1095	1097	rBV3	773773	996802	21.97%	1.100%
56	8.580	1101	1104	1105	rBV2	650041	636900	14.04%	0.703%
57	8.680	1117	1121	1123	rVB3	819316	881804	19.44%	0.973%
58	8.863	1150	1152	1154	rBV3	650733	644256	14.20%	0.711%
59	8.898	1155	1158	1161	rVB2	1218667	1353850	29.85%	1.494%
60	9.016	1174	1178	1181	rVV	2175906	2515369	55.45%	2.777%
61	9.057	1182	1185	1188	rVB	1579964	1554495	34.27%	1.716%
62	9.139	1196	1199	1201	rBV2	849181	1074424	23.69%	1.186%
63	9.398	1241	1243	1246	rVB	987939	923582	20.36%	1.019%
64	9.428	1246	1248	1249	rBV2	694961	487860	10.76%	0.539%
65	9.451	1249	1252	1253	rVV2	1114021	1004184	22.14%	1.108%
66	9.475	1253	1256	1258	rVB	2241932	2339667	51.58%	2.583%
67	9.498	1258	1260	1262	rBV3	366997	379421	8.36%	0.419%
68	9.604	1275	1278	1283	rBV5	690469	1096520	24.17%	1.210%
69	9.651	1283	1286	1288	rVB	1355741	1239053	27.32%	1.368%
70	9.716	1295	1297	1299	rBV2	1030063	1117782	24.64%	1.234%
71	9.939	1333	1335	1338	rVB	1105424	986383	21.75%	1.089%

LSC Area Percent Report

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Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.986	1341	1343	1344	rBV	568258	414035	9.13%	0.457%
73	10.004	1344	1346	1352	rVB7	1231594	1314270	28.97%	1.451%
74	10.057	1353	1355	1358	rBV2	904946	978746	21.58%	1.080%
75	10.404	1410	1414	1417	rVB	1962248	2230768	49.18%	2.462%
76	10.510	1430	1432	1434	rBV2	550164	441783	9.74%	0.488%
77	10.674	1454	1460	1466	rVB2	2211388	3932660	86.70%	4.341%
78	11.133	1534	1538	1544	rVB	2080986	2805728	61.85%	3.097%
79	11.222	1551	1553	1555	rBV	555732	589878	13.00%	0.651%
80	11.474	1594	1596	1599	rVB	815386	703078	15.50%	0.776%
81	11.721	1636	1638	1640	rBV	445340	365748	8.06%	0.404%
82	12.198	1716	1719	1722	rBV2	663746	767736	16.93%	0.847%
83	12.268	1728	1731	1735	rBV2	675964	649618	14.32%	0.717%
84	12.427	1756	1758	1761	rVB	713950	555784	12.25%	0.614%
85	12.657	1794	1797	1799	rBV	618660	516489	11.39%	0.570%
86	12.716	1804	1807	1812	rVB	373689	365973	8.07%	0.404%
87	12.798	1818	1821	1829	rVB	2022696	2288493	50.45%	2.526%
88	13.486	1936	1938	1943	rVB	214523	215005	4.74%	0.237%
89	13.698	1971	1974	1983	rVB2	541984	666907	14.70%	0.736%
90	13.851	1995	2000	2002	rBV2	1084408	1433482	31.60%	1.582%
91	13.874	2002	2004	2007	rVB	483406	365412	8.06%	0.403%
92	14.239	2061	2066	2068	rVB2	281688	402137	8.87%	0.444%
93	14.268	2069	2071	2074	rBV2	266986	295776	6.52%	0.326%
94	14.615	2128	2130	2133	rBV2	254934	270655	5.97%	0.299%
95	14.868	2169	2173	2179	rVB	742339	1213220	26.75%	1.339%
96	15.151	2218	2221	2226	rVB	917308	1131310	24.94%	1.249%
97	15.209	2228	2231	2237	rVB	680839	887824	19.57%	0.980%
98	15.268	2238	2241	2244	rBV	685061	867359	19.12%	0.957%
99	15.568	2289	2292	2295	rBV	466774	623650	13.75%	0.688%
100	15.604	2296	2298	2303	rVB	504295	550399	12.13%	0.608%

Sum of corrected areas: 90591916

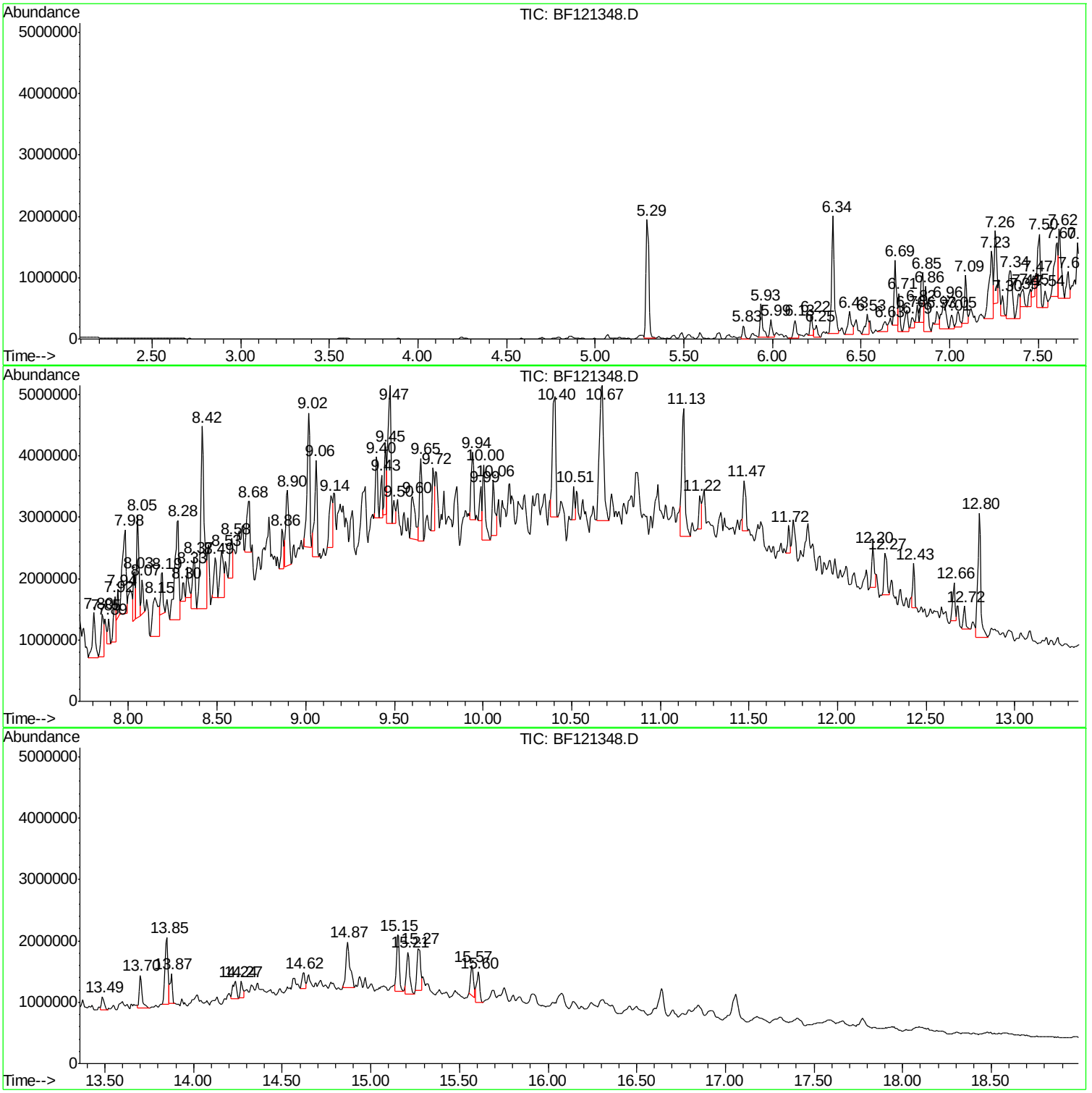
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

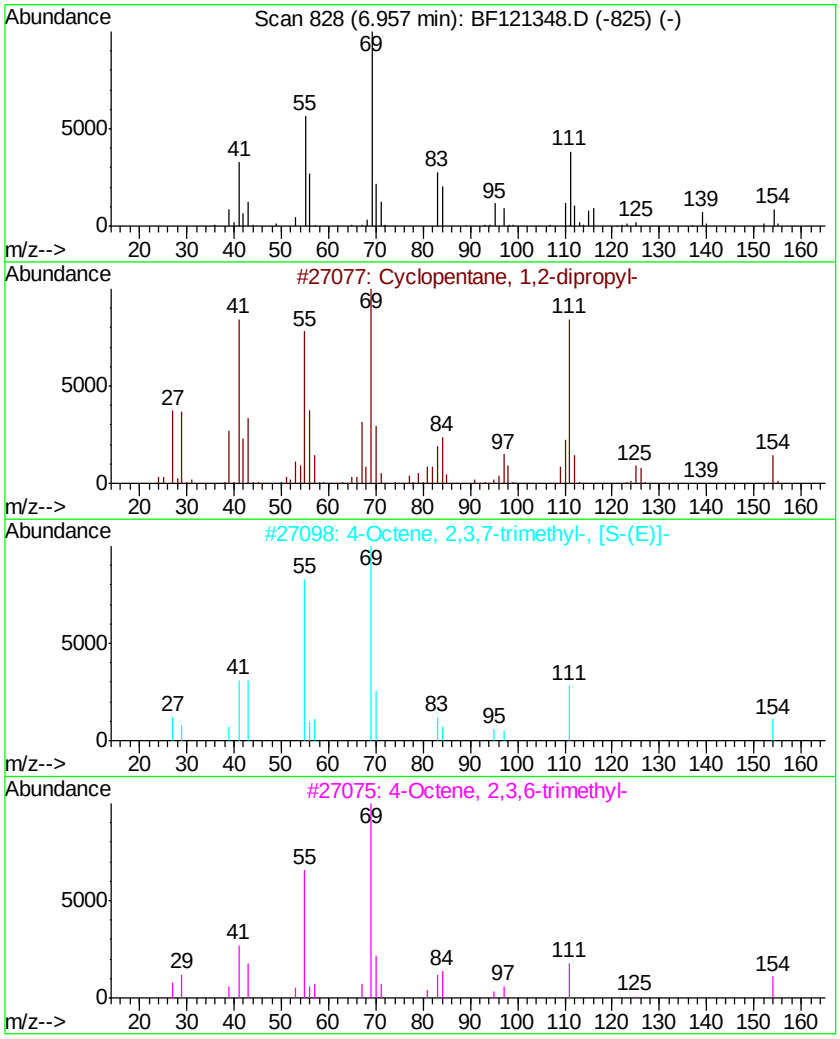
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

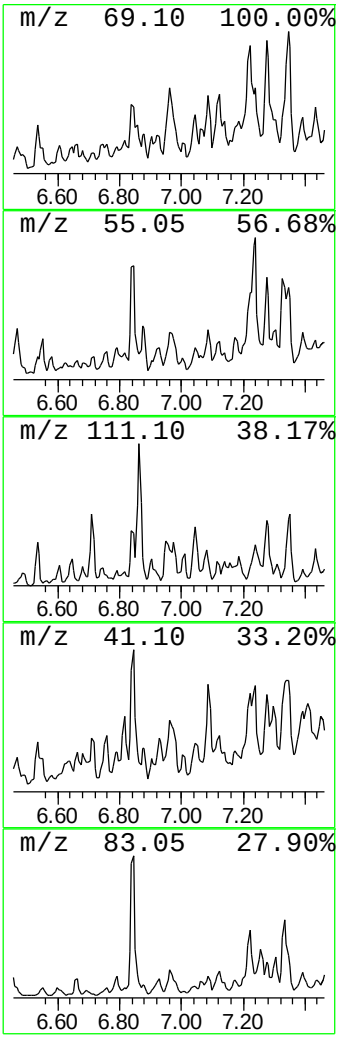
****

Peak Number 1 unknown6.96 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	16.60 ng	798067	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	47
2	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	43
3	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
4	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	38
5	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

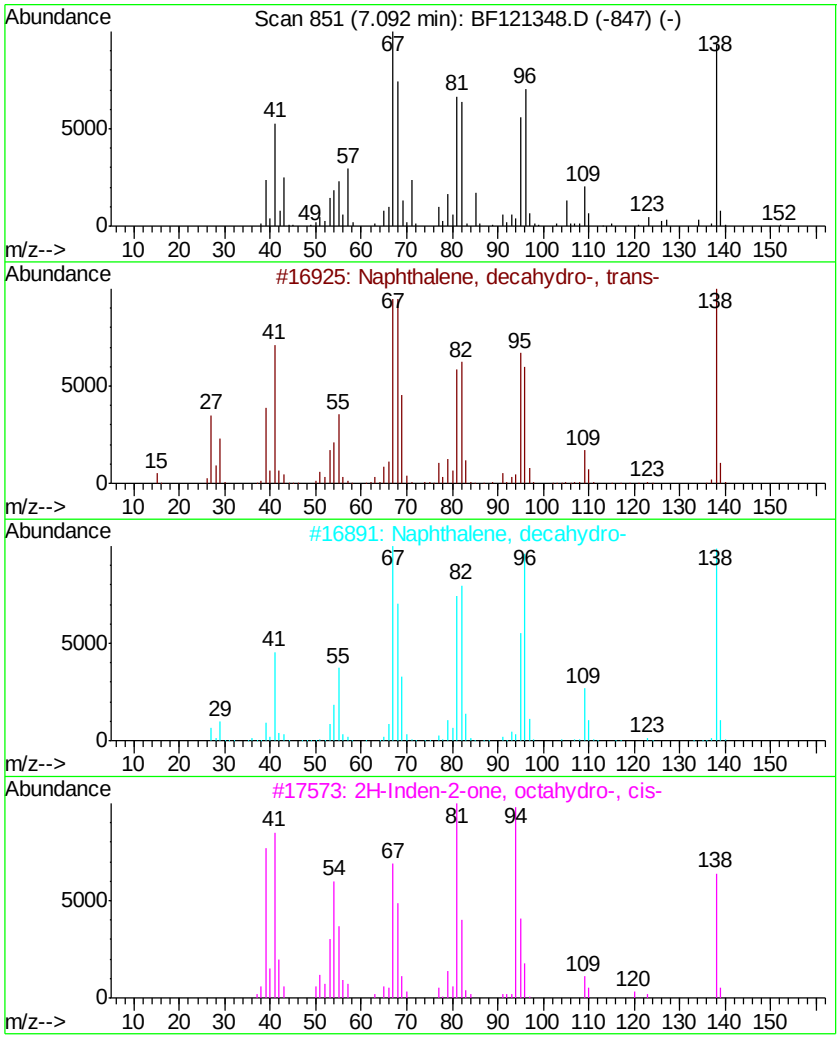
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

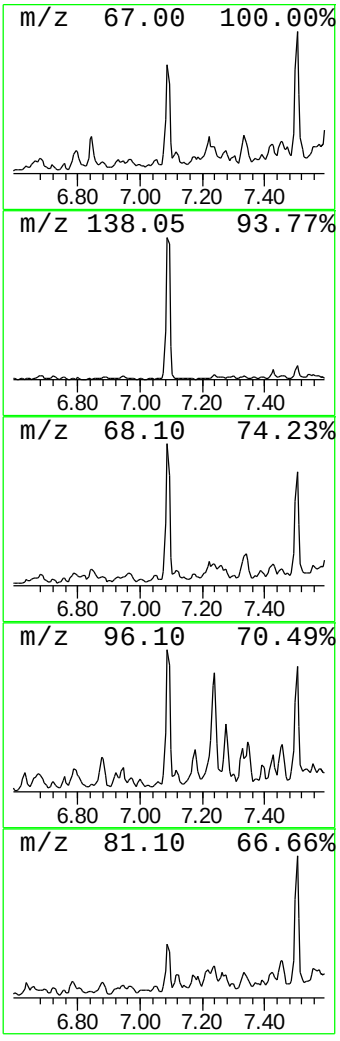
****

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	14.81 ng	711927	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
5	Spiro[4.5]decane	138	C10H18	000176-63-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

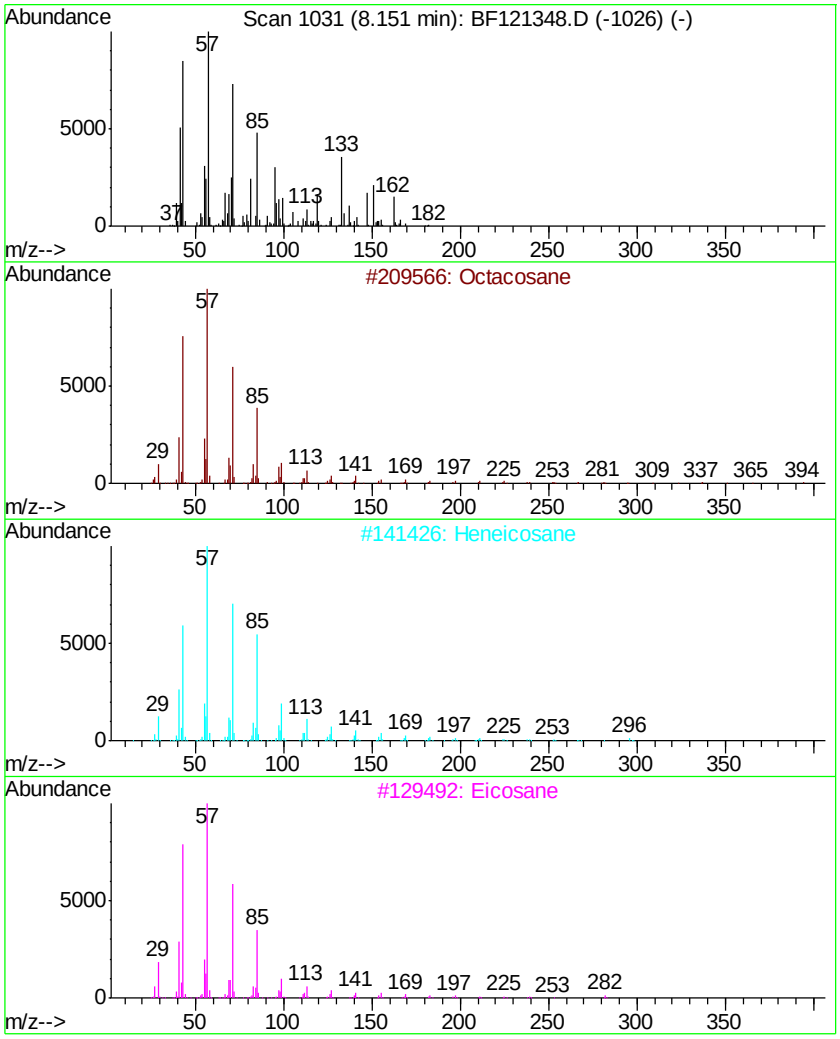
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

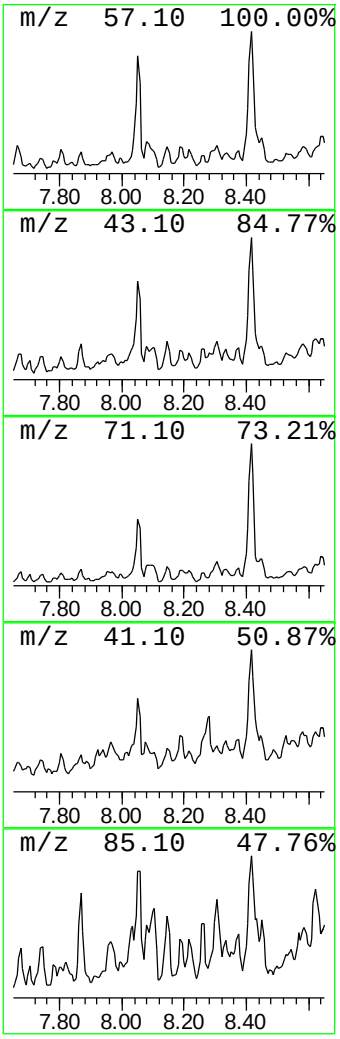
****

Peak Number 3 unknown8.15 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	15.24 ng	1491940	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	49
2	Heneicosane	296	C21H44	000629-94-7	46
3	Eicosane	282	C20H42	000112-95-8	46
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

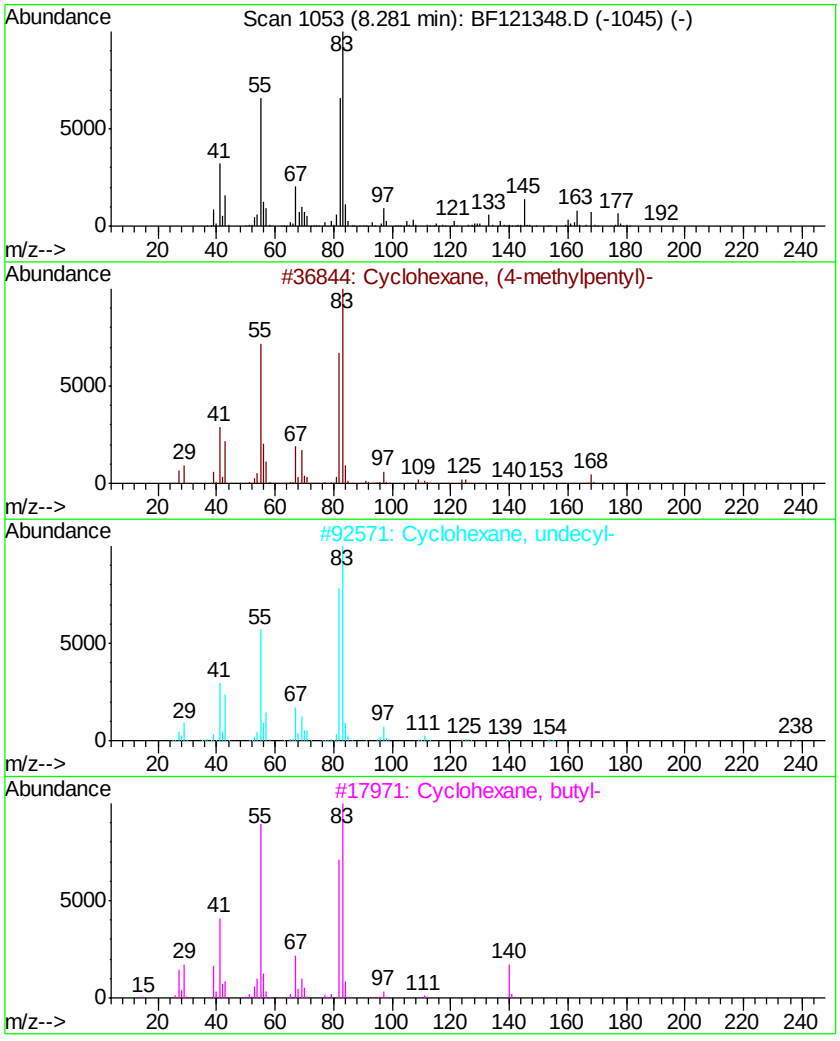
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

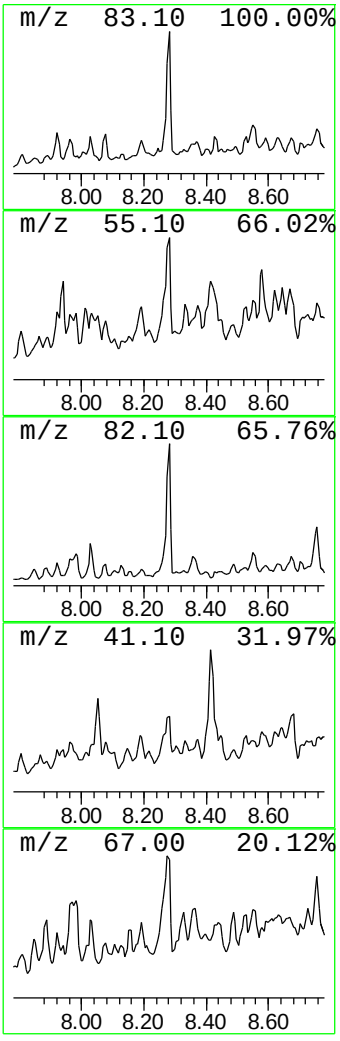
****

Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	28.93 ng	2831790	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	83
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

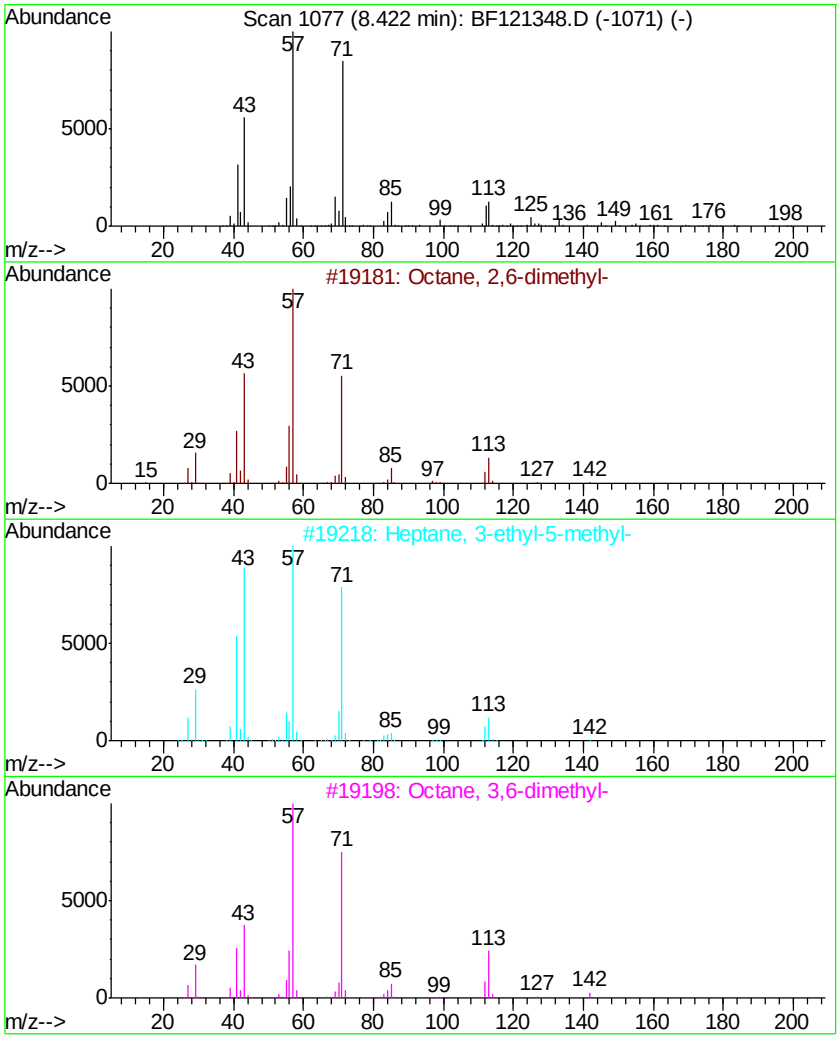
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

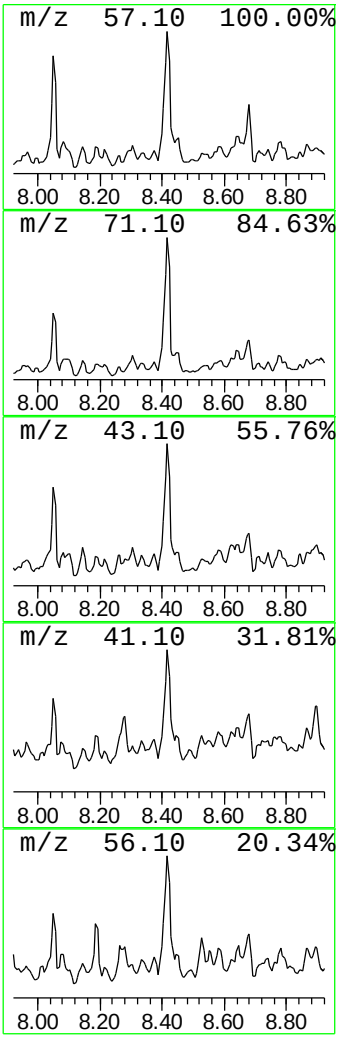
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	46.34 ng	4536090	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72





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Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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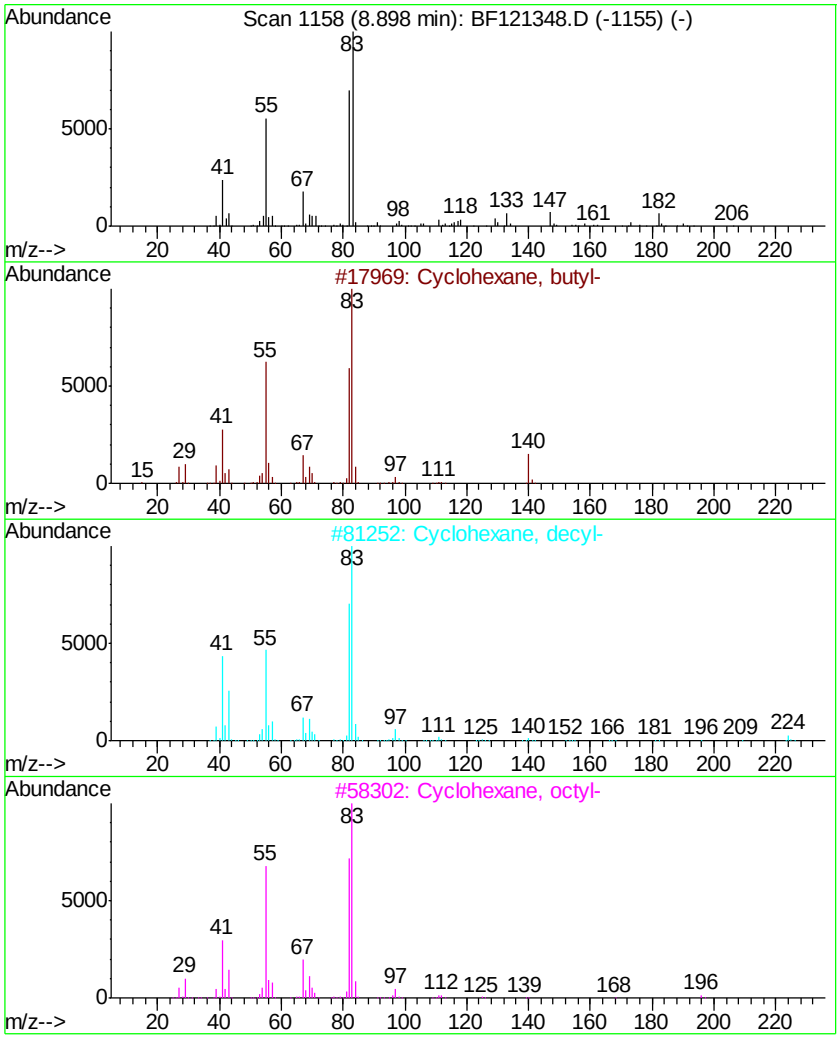
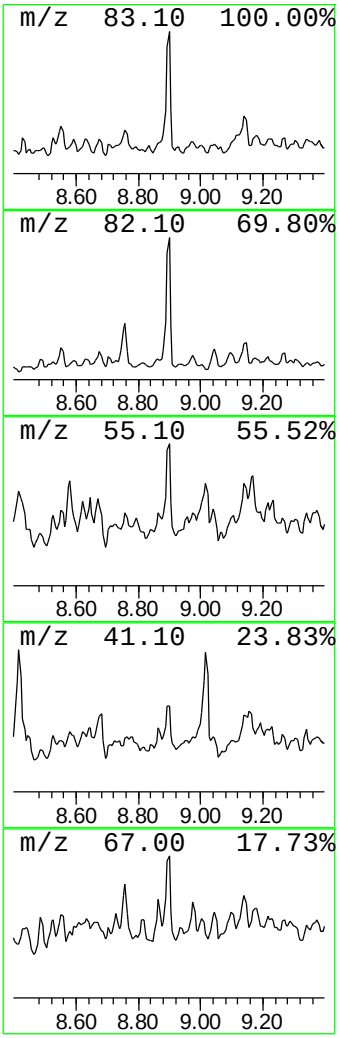
Peak Number 6 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	24.22 ng	1353850	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	56
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	56
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	56
5	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	47





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Sample : L3689-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-5

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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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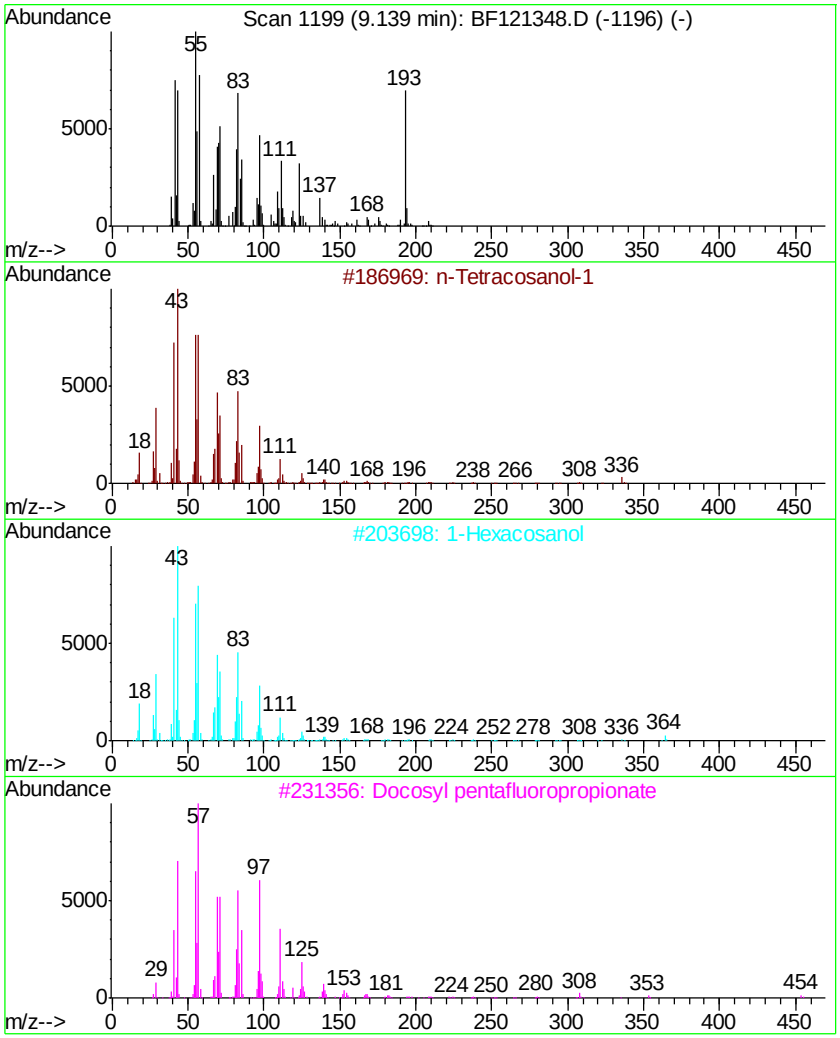
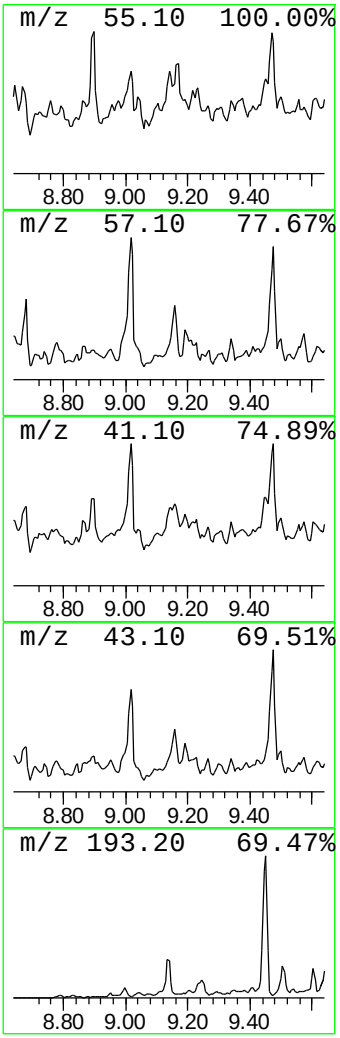
Peak Number 7 n-Tetracosanol-1 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	19.22 ng	1074420	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	62
2	1-Hexacosanol	382	C26H54O	000506-52-5	58
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	58
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	53
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	52





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Instrument : BNA_F
ClientSampleId : TP-5

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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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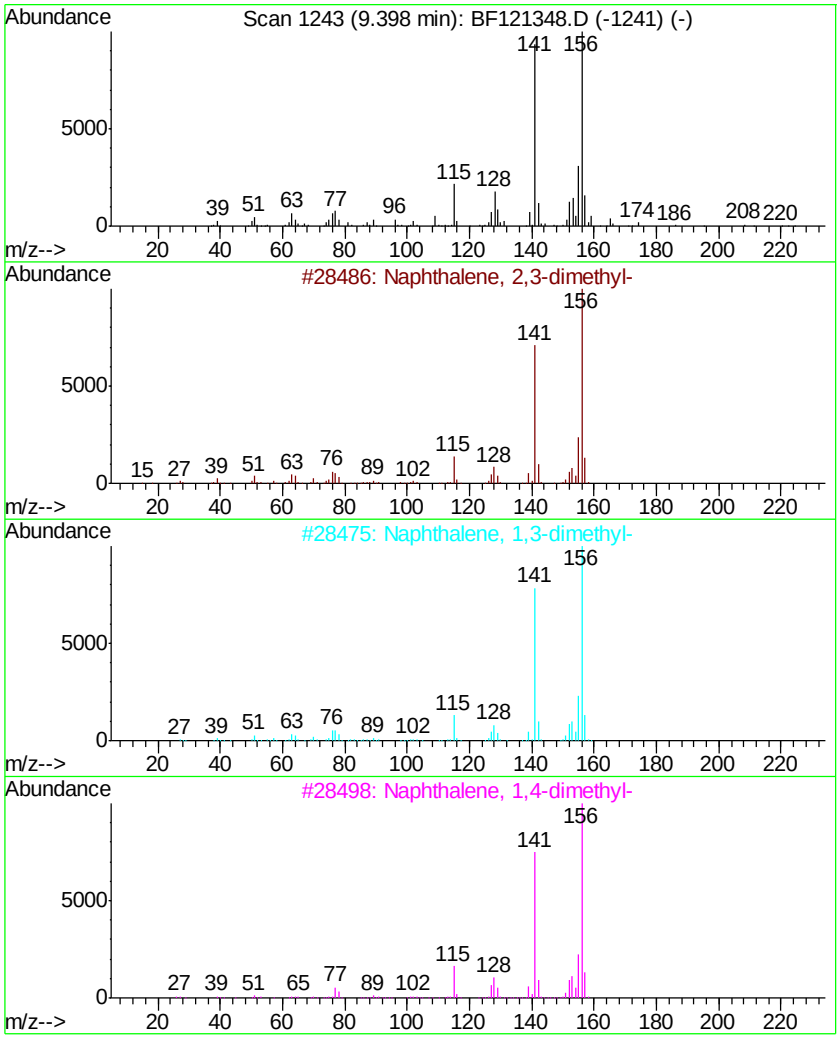
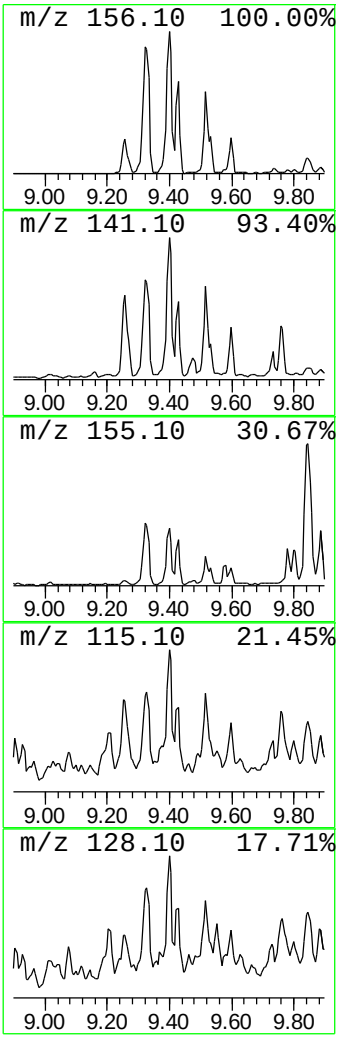
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	16.53 ng	923582	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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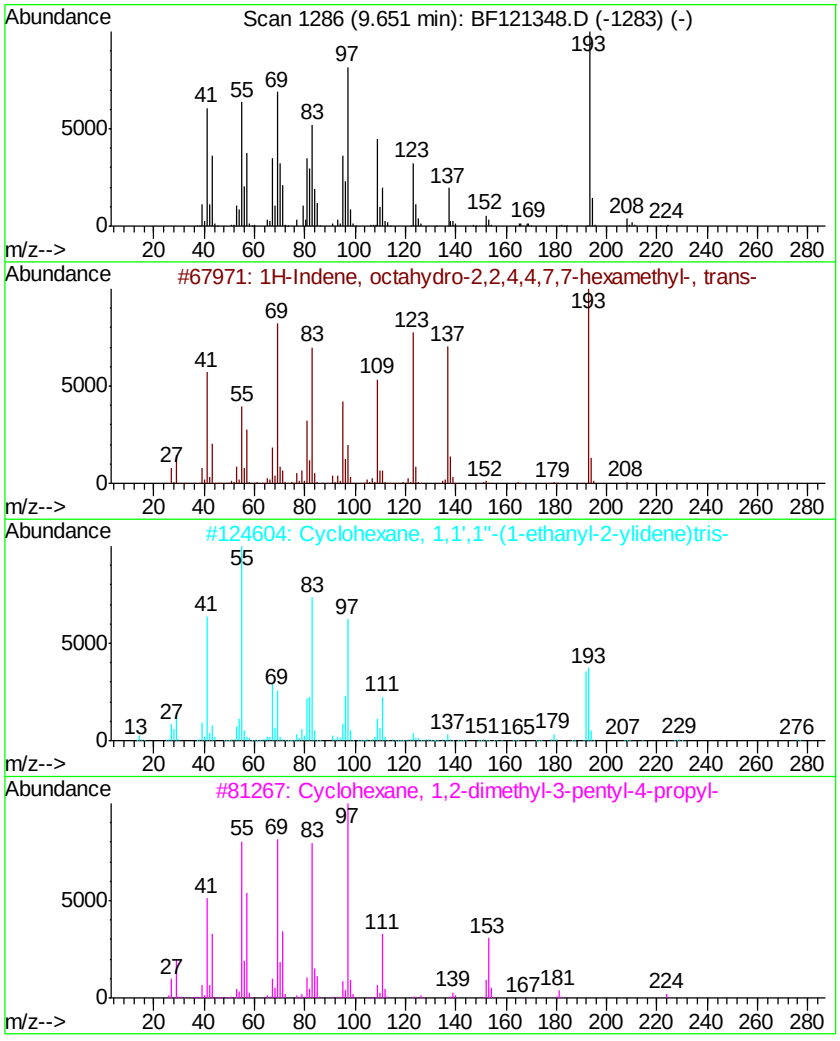
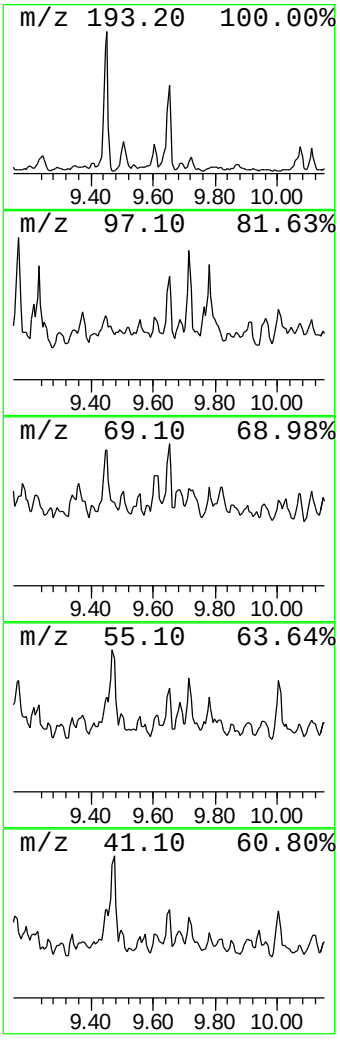
Peak Number 9 unknown9.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	22.17 ng	1239050	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
2	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	30
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	30
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	30





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Instrument : BNA_F
ClientSampleId : TP-5

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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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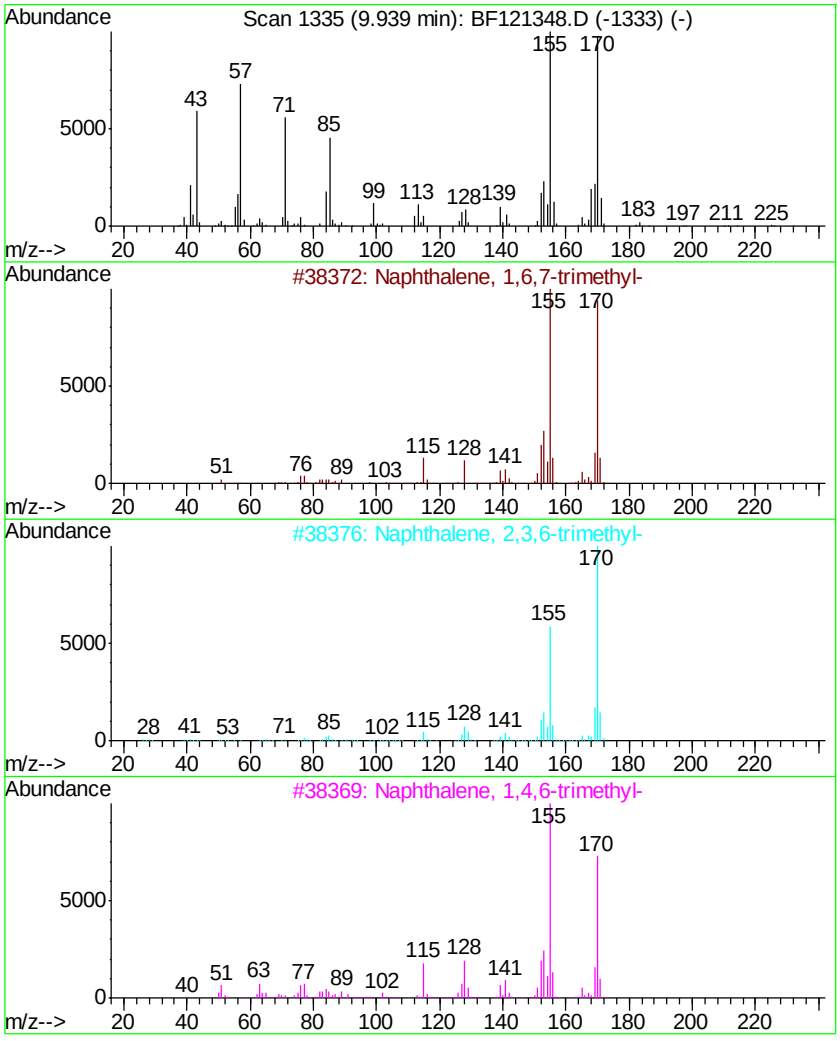
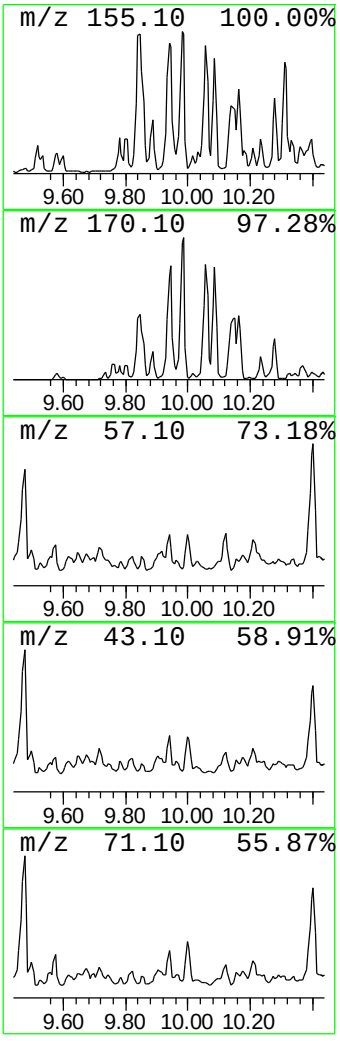
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	17.65 ng	986383	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64





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Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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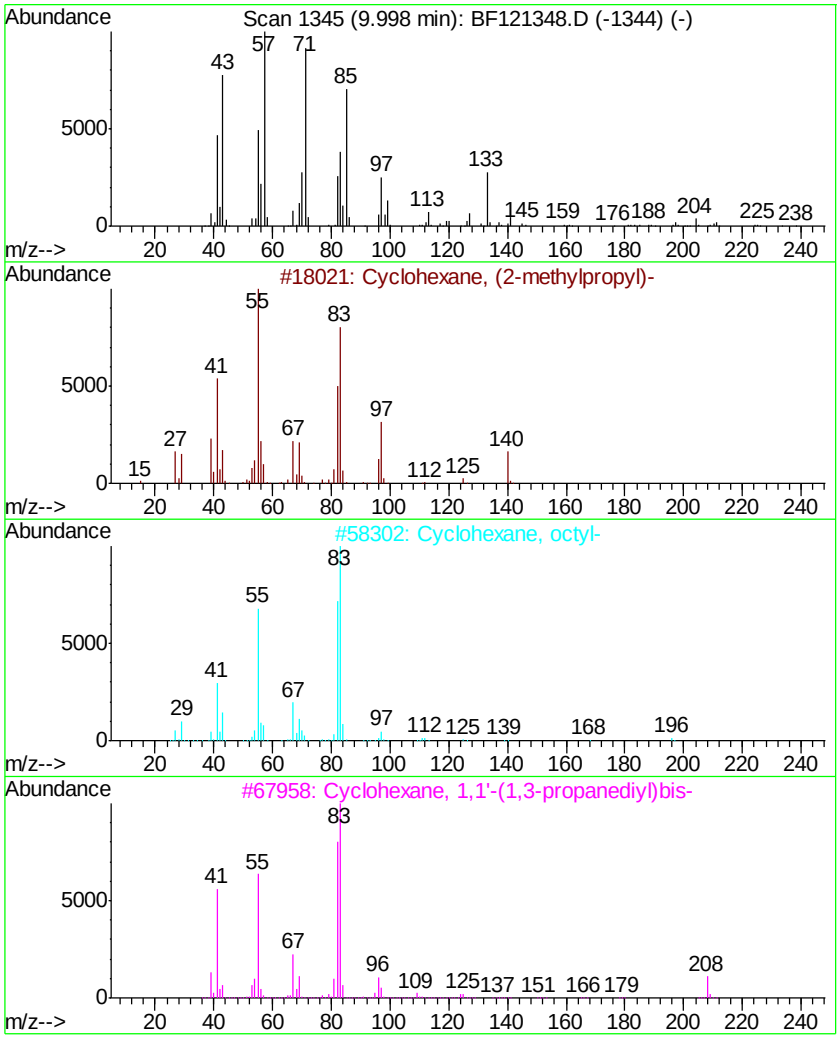
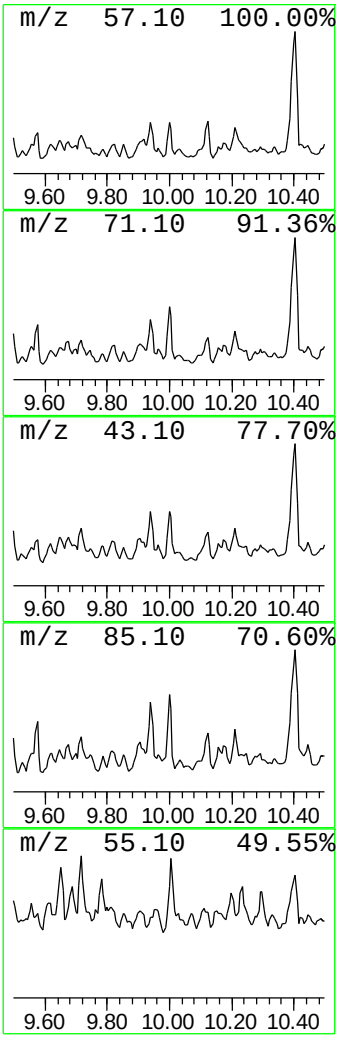
Peak Number 11 unknown10.00 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	23.52 ng	1314270	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	46
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	45
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	43
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





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Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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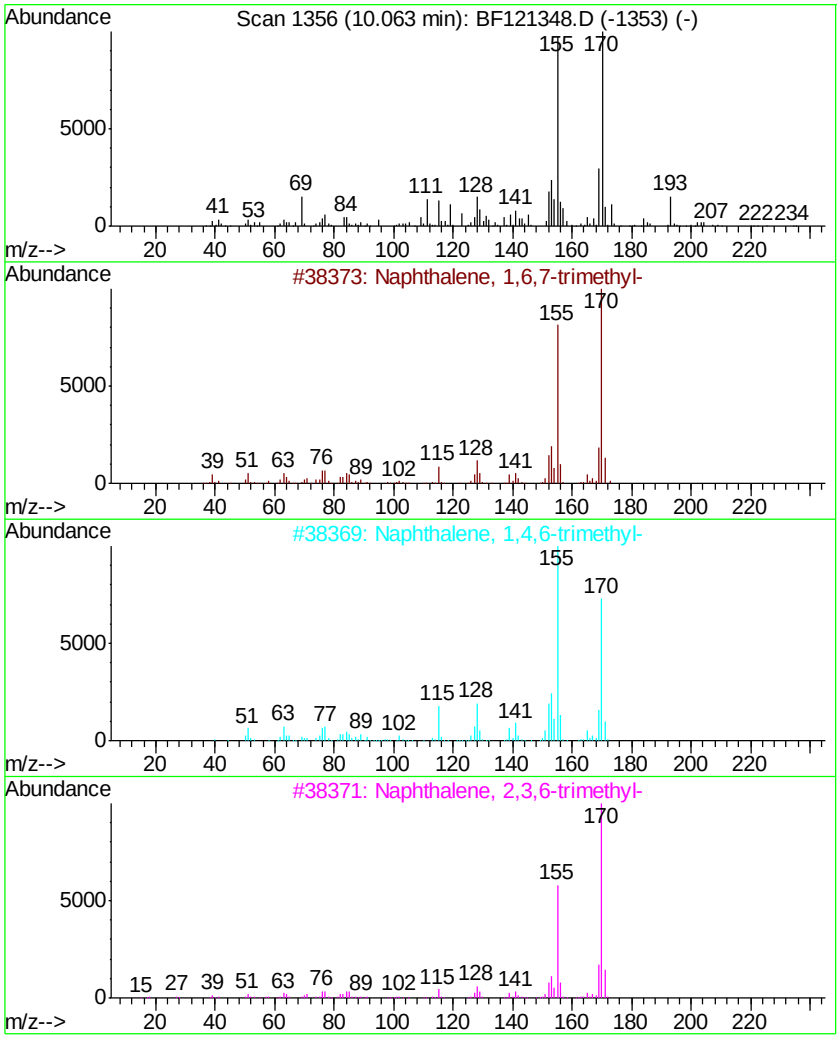
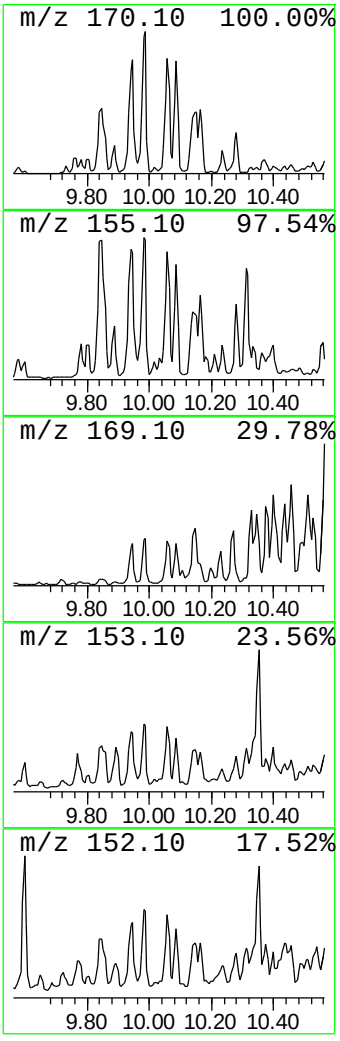
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	17.51 ng	978746	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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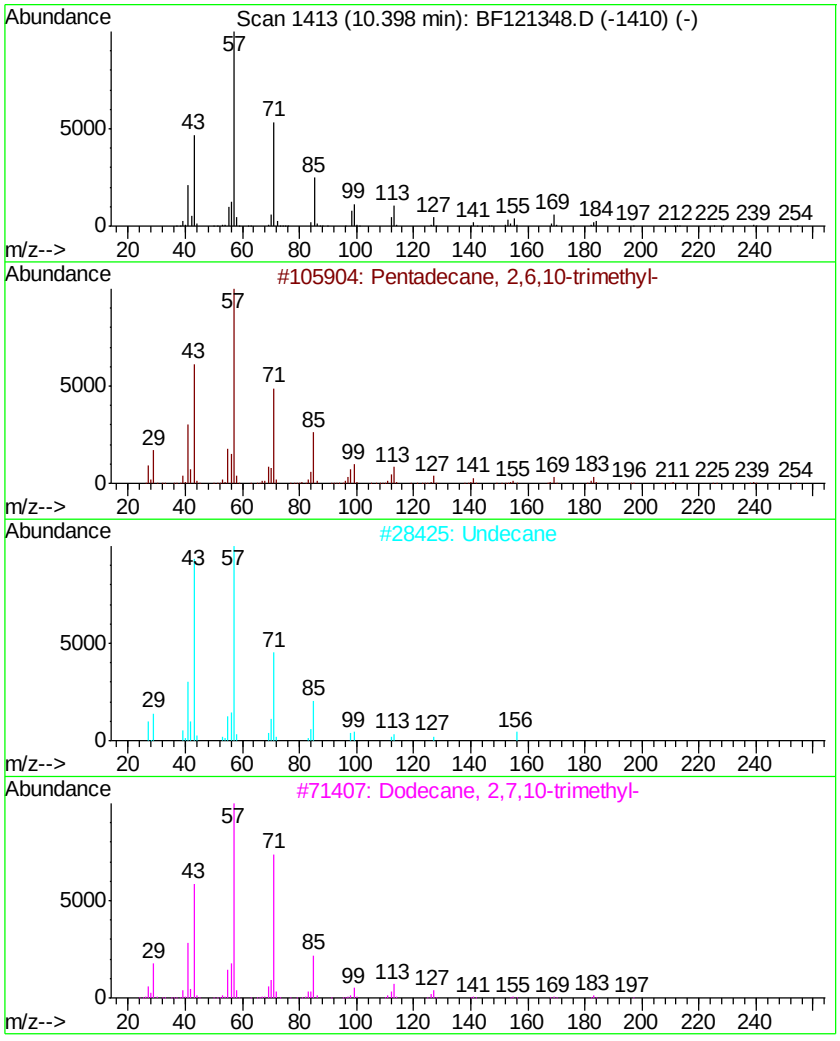
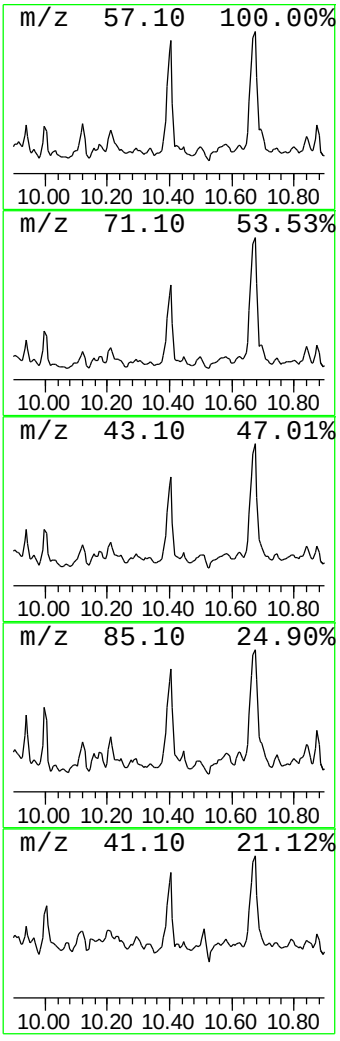
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	39.91 ng	2230770	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Undecane	156	C11H24	001120-21-4	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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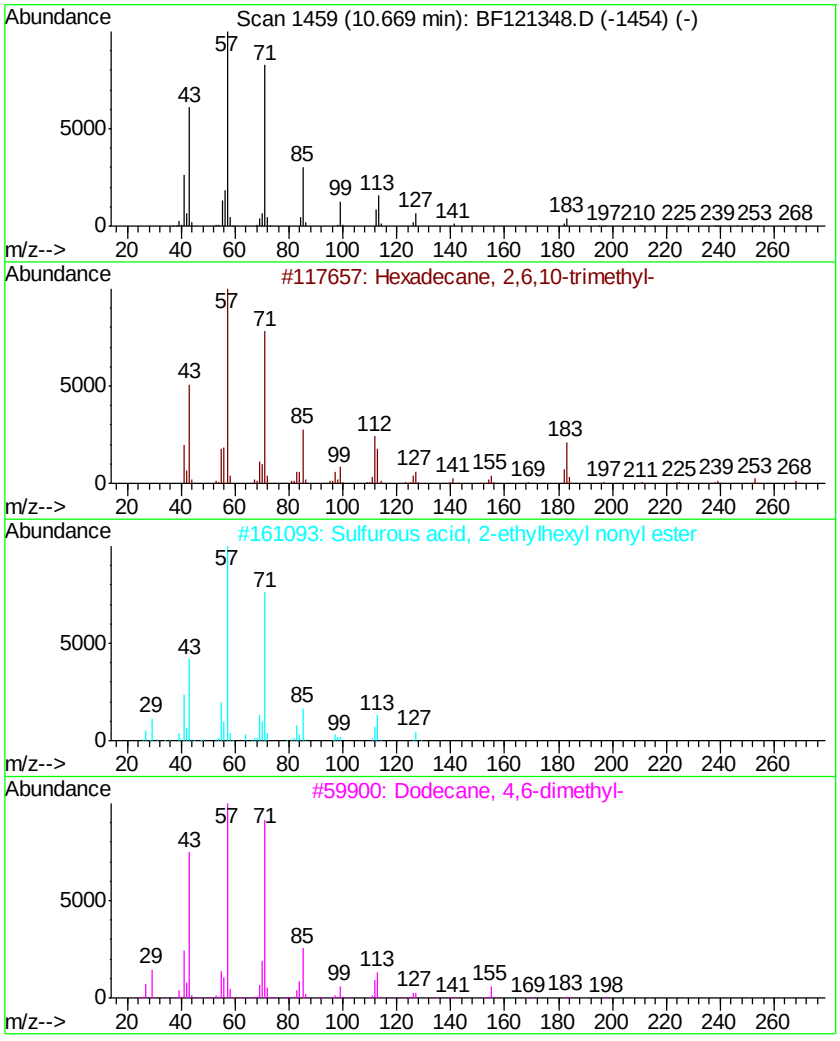
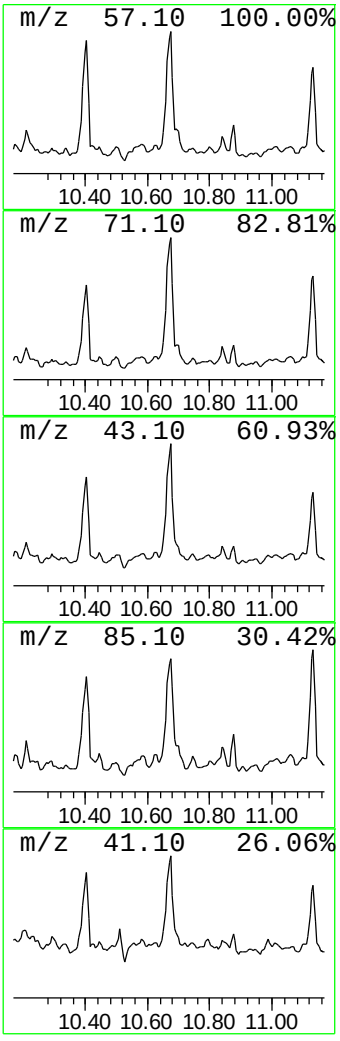
Peak Number 14 Hexadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	133.34 ng	3932660	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72





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Instrument : BNA_F
ClientSampleId : TP-5

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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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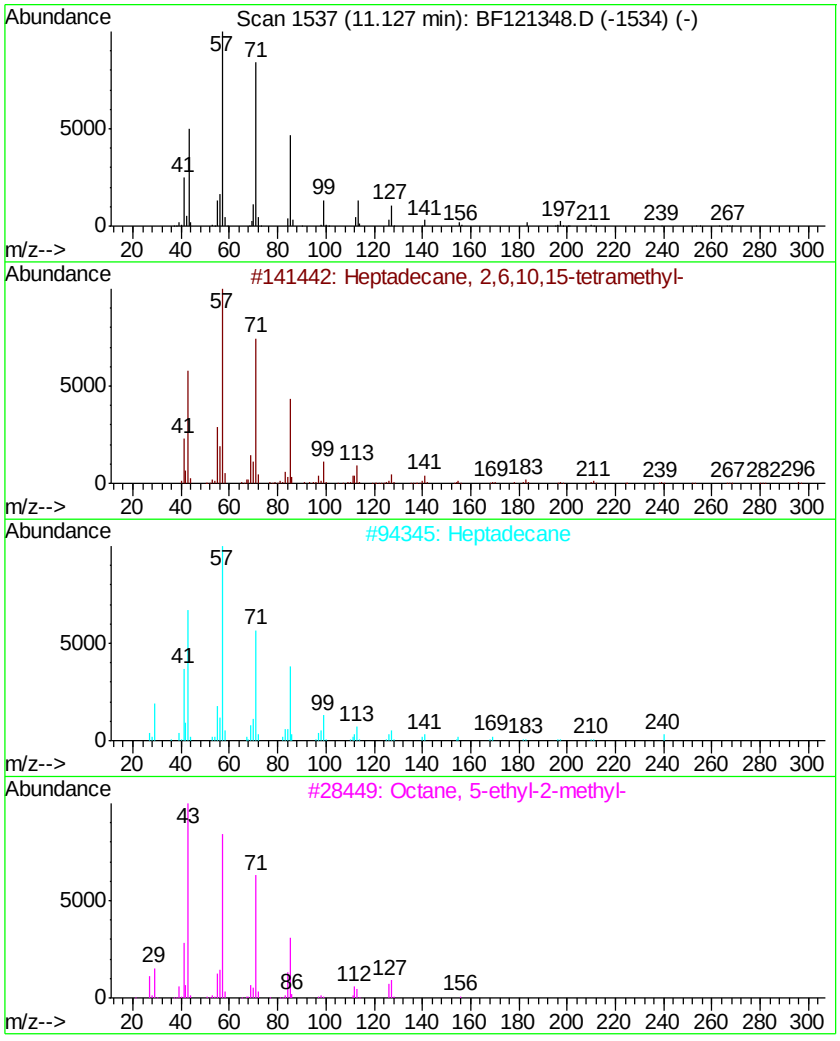
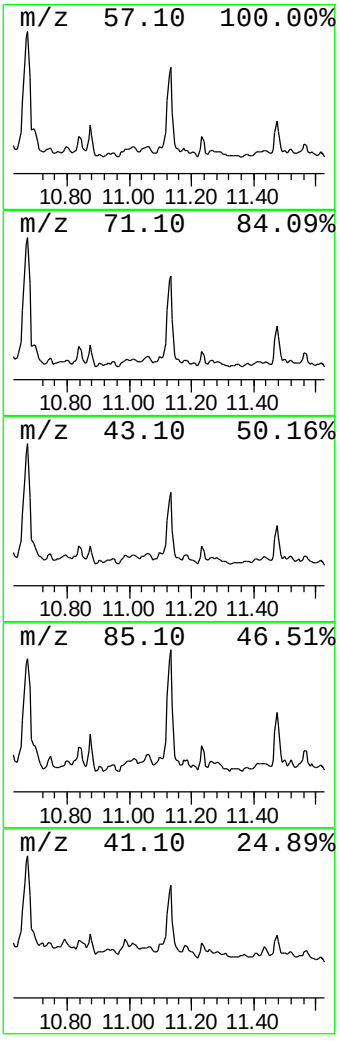
Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	95.13 ng	2805730	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
4	Decane, 3-methyl-	156	C11H24	013151-34-3	80
5	Hexacosane	366	C26H54	000630-01-3	78





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Instrument : BNA_F
ClientSampleId : TP-5

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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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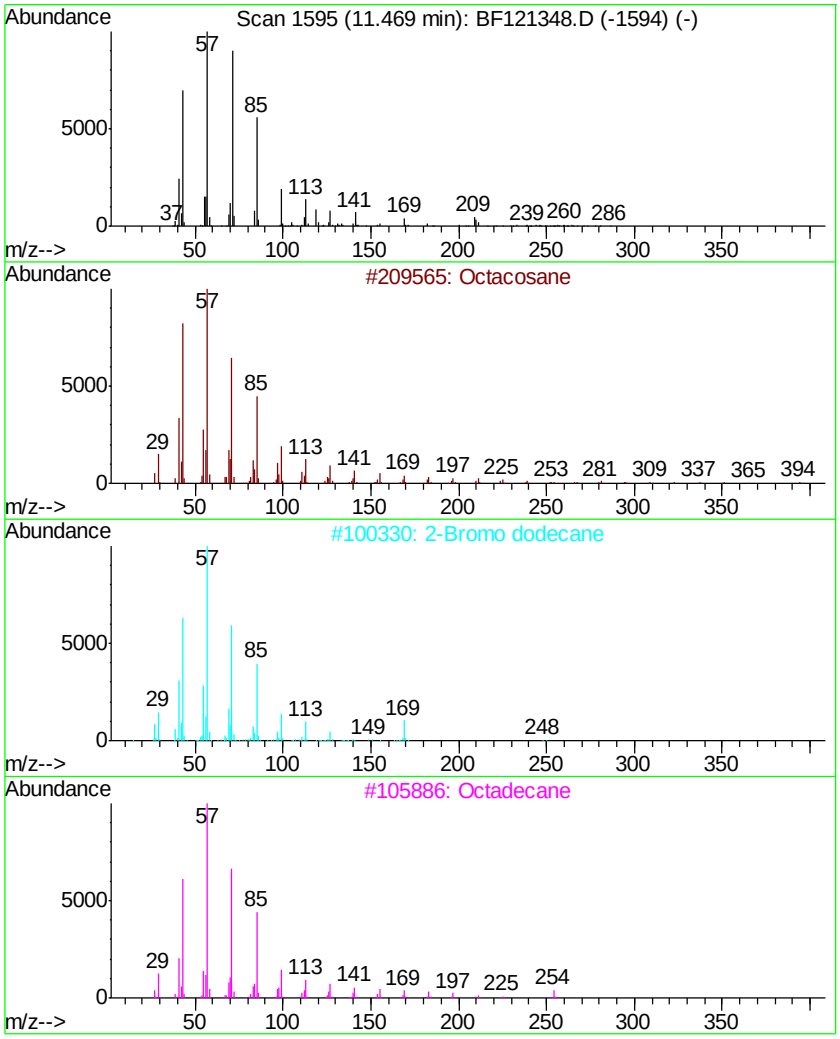
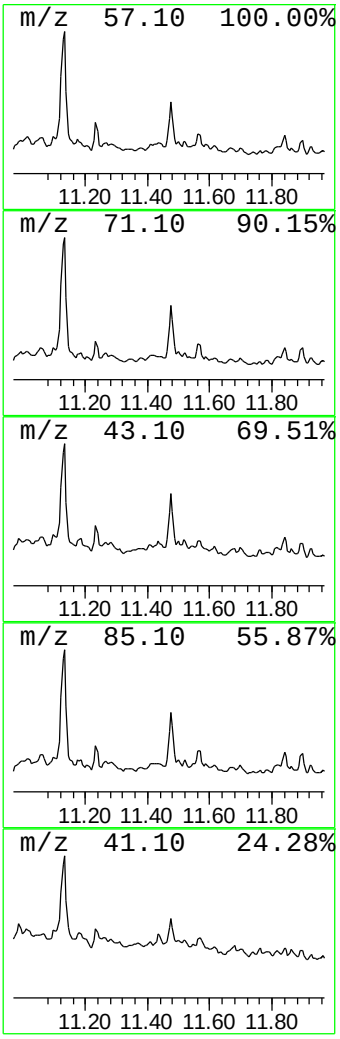
Peak Number 16 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	23.84 ng	703078	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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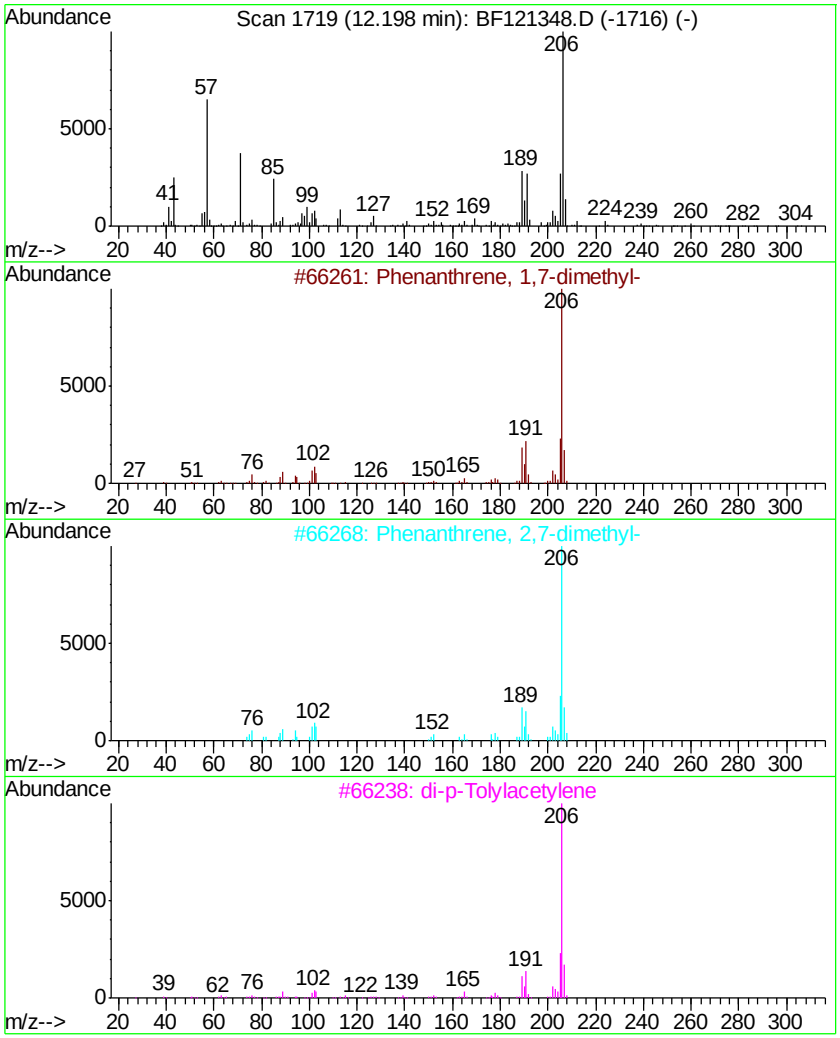
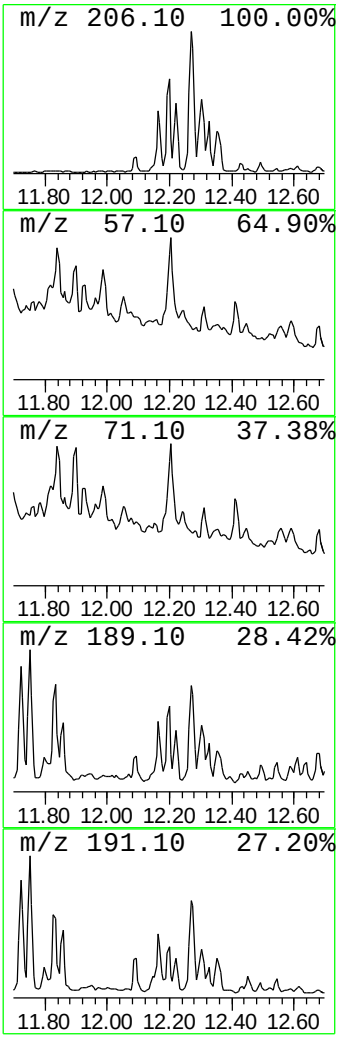
Peak Number 17 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	26.03 ng	767736	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43





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Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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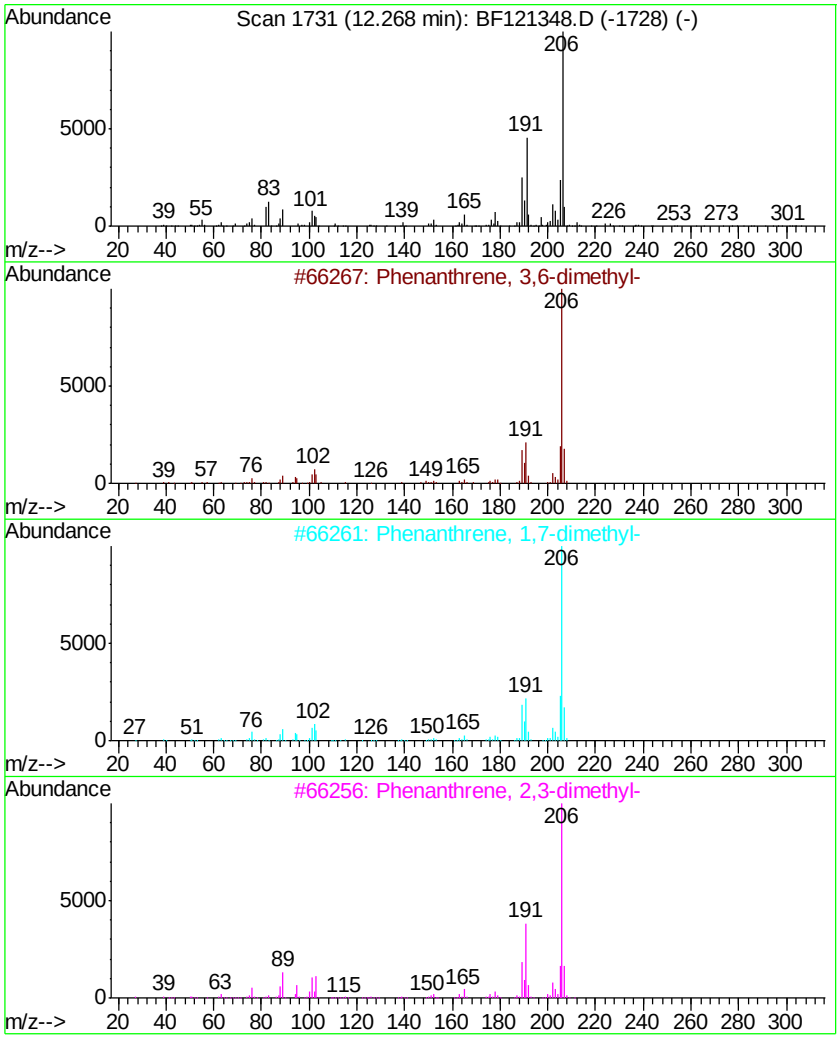
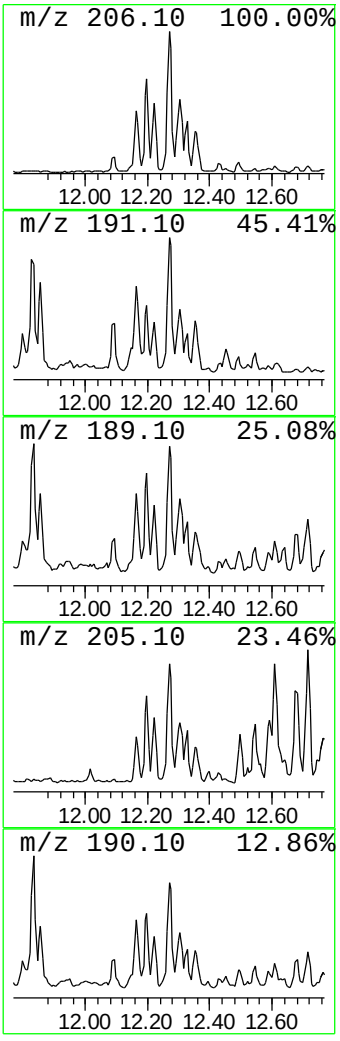
Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	22.03 ng	649618	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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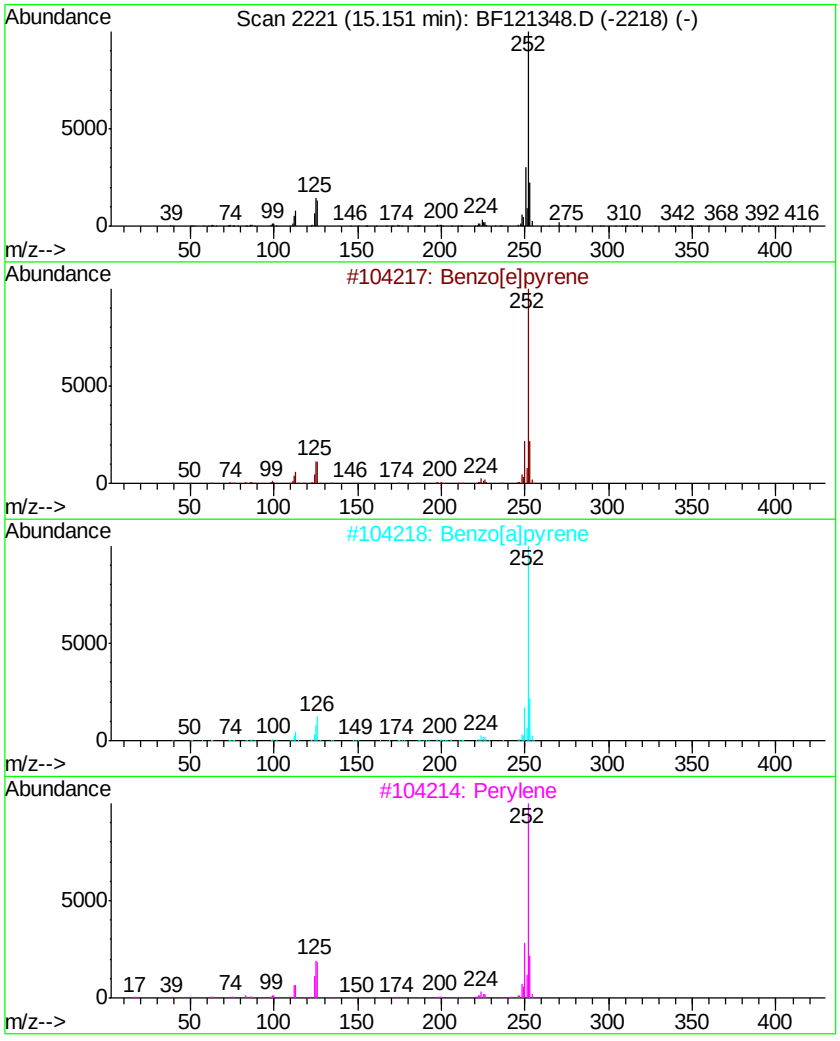
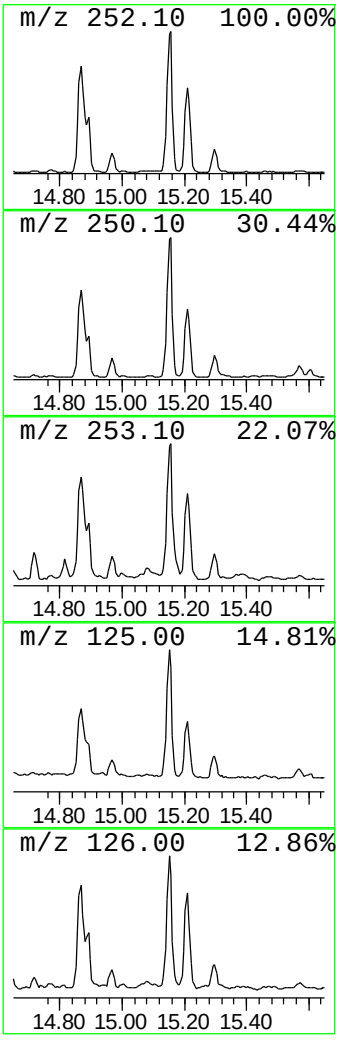
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	26.09 ng	1131310	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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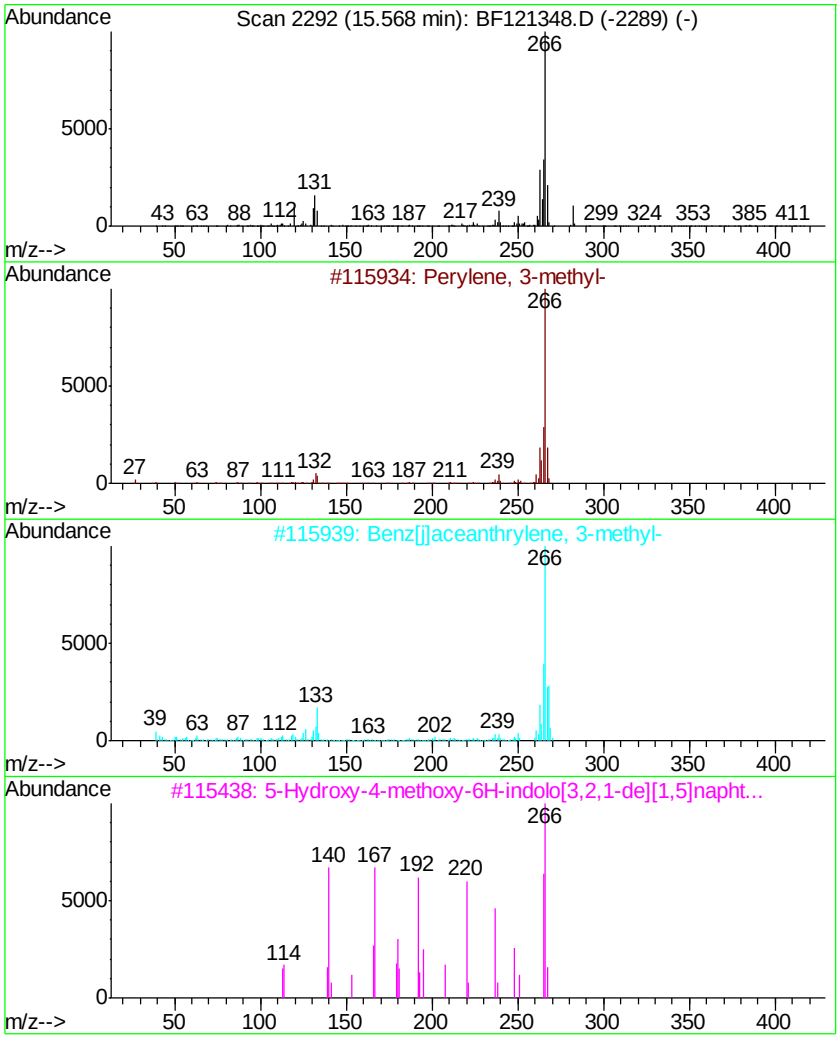
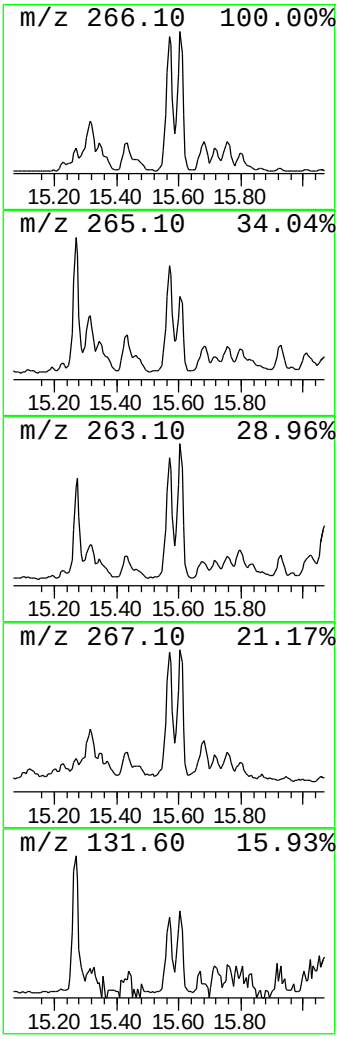
Peak Number 20 Perylene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	14.38 ng	623650	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	95
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	86
3	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	60
4	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	58
5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	58





Tentatively Identified Compound (LSC) summary

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Data File : BF121348.D
Acq On : 20 Aug 2020 15:43
Operator : JU/CG
Sample : L3689-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
unknown6.96	6.96	16.6	ng	798067	1	6.69	961624	20.0
Naphthalene, deca...	7.09	14.8	ng	711927	1	6.69	961624	20.0
unknown8.15	8.15	15.2	ng	1491940	2	7.98	1957780	20.0
Cyclohexane, (4-m...	8.28	28.9	ng	2831790	2	7.98	1957780	20.0
Octane, 2,6-dimet...	8.42	46.3	ng	4536090	2	7.98	1957780	20.0
Cyclohexane, butyl-	8.90	24.2	ng	1353850	3	9.74	1117780	20.0
n-Tetracosanol-1	9.14	19.2	ng	1074420	3	9.74	1117780	20.0
Naphthalene, 2,3-...	9.40	16.5	ng	923582	3	9.74	1117780	20.0
unknown9.65	9.65	22.2	ng	1239050	3	9.74	1117780	20.0
Naphthalene, 2,3,...	9.94	17.6	ng	986383	3	9.74	1117780	20.0
unknown10.00	10.00	23.5	ng	1314270	3	9.74	1117780	20.0
Naphthalene, 1,6,...	10.06	17.5	ng	978746	3	9.74	1117780	20.0
Pentadecane, 2,6,...	10.40	39.9	ng	2230770	3	9.74	1117780	20.0
Hexadecane, 2,6,1...	10.67	133.3	ng	3932660	4	11.22	589878	20.0
Heptadecane, 2,6,...	11.13	95.1	ng	2805730	4	11.22	589878	20.0
Octacosane	11.47	23.8	ng	703078	4	11.22	589878	20.0
Phenanthrene, 1,7...	12.20	26.0	ng	767736	4	11.22	589878	20.0
Phenanthrene, 3,6...	12.27	22.0	ng	649618	4	11.22	589878	20.0
Benzo[e]pyrene	15.15	26.1	ng	1131310	6	15.27	867359	20.0
Perylene, 3-methyl-	15.57	14.4	ng	623650	6	15.27	867359	20.0