LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109057.D
Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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-BF091418.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	5.319	503	507	511	rBV	268085	226574	1.84%	0.341%
2	6.025	620	627	630	rBV	8740837	12336683	100.00%	18.594%
3	6.172	649	652	655	rBV	523594	466710	3.78%	0.703%
4	6.342	678	681	684	rBV	268087	223084	1.81%	0.336%
5	6.431	692	696	699	rBV	758451	624794	5.06%	0.942%
6	6.484	702	705	709	rBV	537773	413102	3.35%	0.623%
7	6.719	742	745	748	rBV	811539	643188	5.21%	0.969%
8	6.848	763	767	769	rBV	1329000	1042512	8.45%	1.571%
9	6.878	769	772	779	rVB2	270495	281201	2.28%	0.424%
10	7.272	836	839	842	rBV	264083	235742	1.91%	0.355%
11	7.713	906	914	918	rBV	596830	726233	5.89%	1.095%
12	8.001	960	963	966	rBV	934956	728873	5.91%	1.099%
13	8.054	970	972	982	rVV3	108200	154402	1.25%	0.233%
14	8.131	982	985	988	rVB	225286	184039	1.49%	0.277%
15	9.078	1142	1146	1149	rBV	302350	254033	2.06%	0.383%
16	9.213	1164	1169	1171	rVB	246067	225570	1.83%	0.340%
17	9.419	1202	1204	1207	rVB	303716	220898	1.79%	0.333%
18	9.672	1244	1247	1250	rBV	260118	228147	1.85%	0.344%
19	9.736	1254	1258	1259	rBV	1376572	1139575	9.24%	1.718%
20	9.748	1259	1260	1265	rVB	828333	686352	5.56%	1.034%
21	9.883	1278	1283	1287	rBV	473975	428862	3.48%	0.646%
22	10.530	1387	1393	1397	rBV3	223706	207360	1.68%	0.313%
23	11.224	1508	1511	1515	rBV	953443	857401	6.95%	1.292%
24	11.730	1594	1597	1600	rBV2	142016	135626	1.10%	0.204%
25	11.771	1600	1604	1608	rBV2	432875	510034	4.13%	0.769%
26	11.942	1626	1633	1638	rBV3	232072	373031	3.02%	0.562%
27	11.989	1638	1641	1643	rVV3	156556	164400	1.33%	0.248%
28	12.013	1643	1645	1649	rVB2	168905	149296	1.21%	0.225%
29	12.101	1656	1660	1662	rBV	179636	154925	1.26%	0.234%
30	12.154	1665	1669	1671	rVV	444334	436530	3.54%	0.658%
31	12.177	1671	1673	1676	rVB	283139	233267	1.89%	0.352%
32	12.301	1691	1694	1696	rBV	239055	175789	1.42%	0.265%
33	12.342	1696	1701	1704	rVB3	258888	316620	2.57%	0.477%
34	12.389	1705	1709	1713	rBV3	177293	253141	2.05%	0.382%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.466	1718	1722	1727	rBV4	524911	879132	7.13%	1.325%
36	12.513	1727	1730	1734	rVV2	1188736	1258912	10.20%	1.897%
37	12.554	1734	1737	1742	rVV5	144874	214895	1.74%	0.324%
38	12.630	1745	1750	1755	rVB6	79803	162326	1.32%	0.245%
39	12.689	1755	1760	1767	rBV3	503934	699076	5.67%	1.054%
40	12.801	1775	1779	1784	rBV4	1561169	1899907	15.40%	2.864%
41	12.854	1785	1788	1792	rVB2	153092	192417	1.56%	0.290%
42	12.948	1801	1804	1808	rBV2	152030	209602	1.70%	0.316%
43	13.013	1812	1815	1818	rVB	1792046	1723810	13.97%	2.598%
44	13.054	1818	1822	1825	rBV3	354186	531045	4.30%	0.800%
45	13.124	1830	1834	1841	rBV	1901244	2149748	17.43%	3.240%
46	13.177	1841	1843	1846	rBV	305505	260012	2.11%	0.392%
47	13.230	1849	1852	1857	rVB	562225	585176	4.74%	0.882%
48	13.307	1861	1865	1866	rBV2	330621	389358	3.16%	0.587%
49	13.330	1866	1869	1873	rVV2	1975989	2109650	17.10%	3.180%
50	13.366	1873	1875	1880	rVB	704655	675293	5.47%	1.018%
51	13.430	1883	1886	1889	rBV2	399432	388283	3.15%	0.585%
52	13.466	1889	1892	1896	rVB2	454522	502696	4.07%	0.758%
53	13.513	1897	1900	1903	rBV	517596	419397	3.40%	0.632%
54	13.607	1907	1916	1921	rBV3	1749938	3974124	32.21%	5.990%
55	13.718	1925	1935	1940	rBV	3480648	7058846	57.22%	10.639%
56	13.860	1956	1959	1966	rVB	1203960	1943877	15.76%	2.930%
57	14.001	1981	1983	1985	rBV	465682	507662	4.12%	0.765%
58	14.060	1991	1993	1998	rVB	428197	437856	3.55%	0.660%
59	14.148	2005	2008	2014	rVB3	374632	624851	5.06%	0.942%
60	14.271	2026	2029	2036	rVB	447922	520761	4.22%	0.785%
61	14.348	2040	2042	2049	rVB3	317489	435170	3.53%	0.656%
62	14.501	2065	2068	2073	rVB	290878	278864	2.26%	0.420%
63	14.954	2142	2145	2148	rBV	174728	175989	1.43%	0.265%
64	15.265	2193	2198	2202	rVV	573008	663135	5.38%	0.999%
65	15.312	2203	2206	2211	rVB	127626	149527	1.21%	0.225%
66	15.677	2263	2268	2272	rBV	433549	602054	4.88%	0.907%
67	15.777	2278	2285	2307	rVB	4164008	7624543	61.80%	11.492%
68	16.324	2374	2378	2385	rVB	150989	269445	2.18%	0.406%
69	16.924	2473	2480	2491	rVB6	125907	392822	3.18%	0.592%

Sum of corrected areas: 66348255

LSC Report - Integrated Chromatogram

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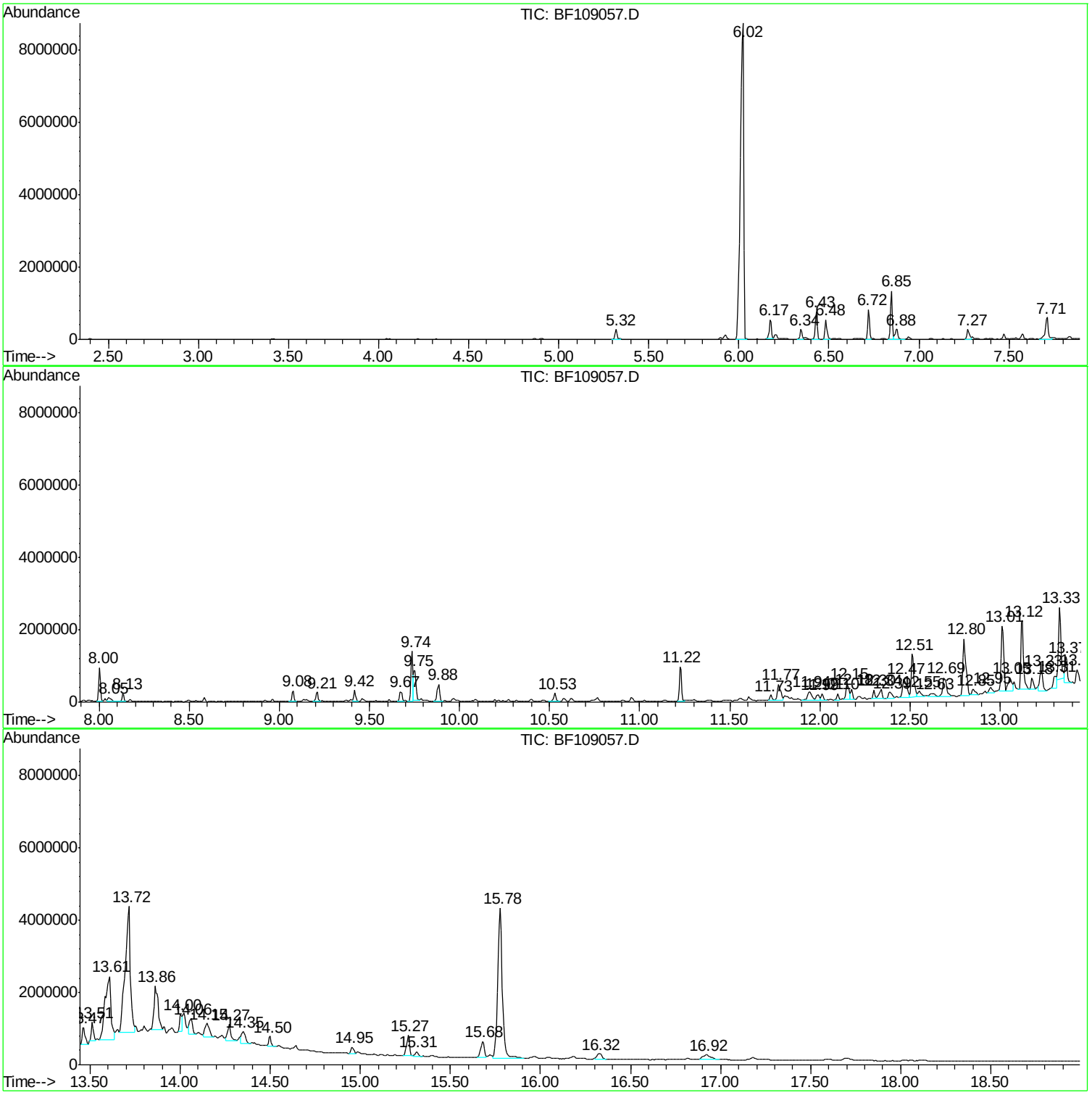
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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

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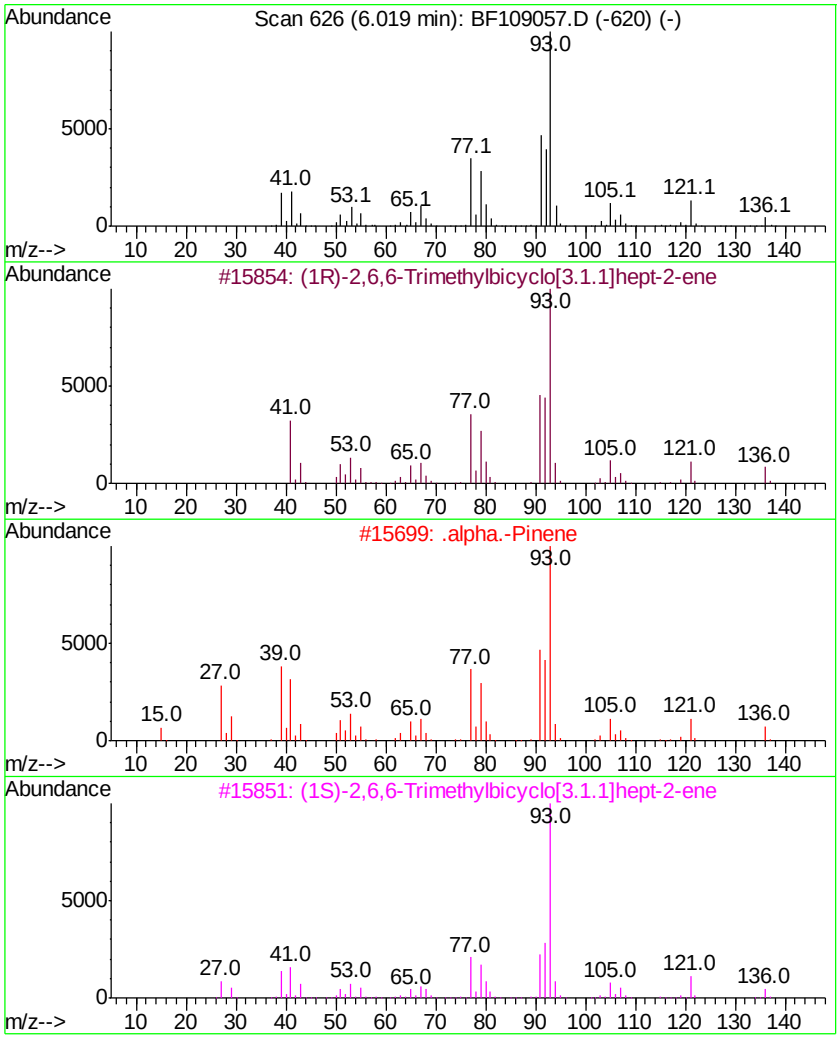
TIC Integration Parameters: LSCINT.P

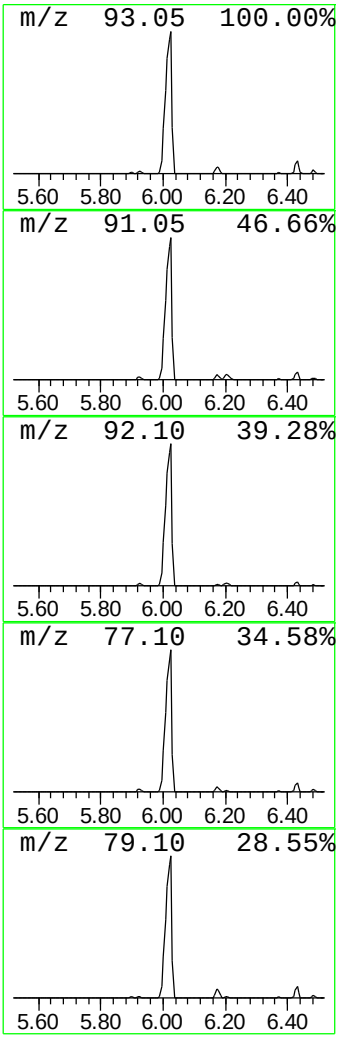
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	383.61 ng	12336700	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	3-Carene	136	C10H16	013466-78-9	87





Library Search Compound Report

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Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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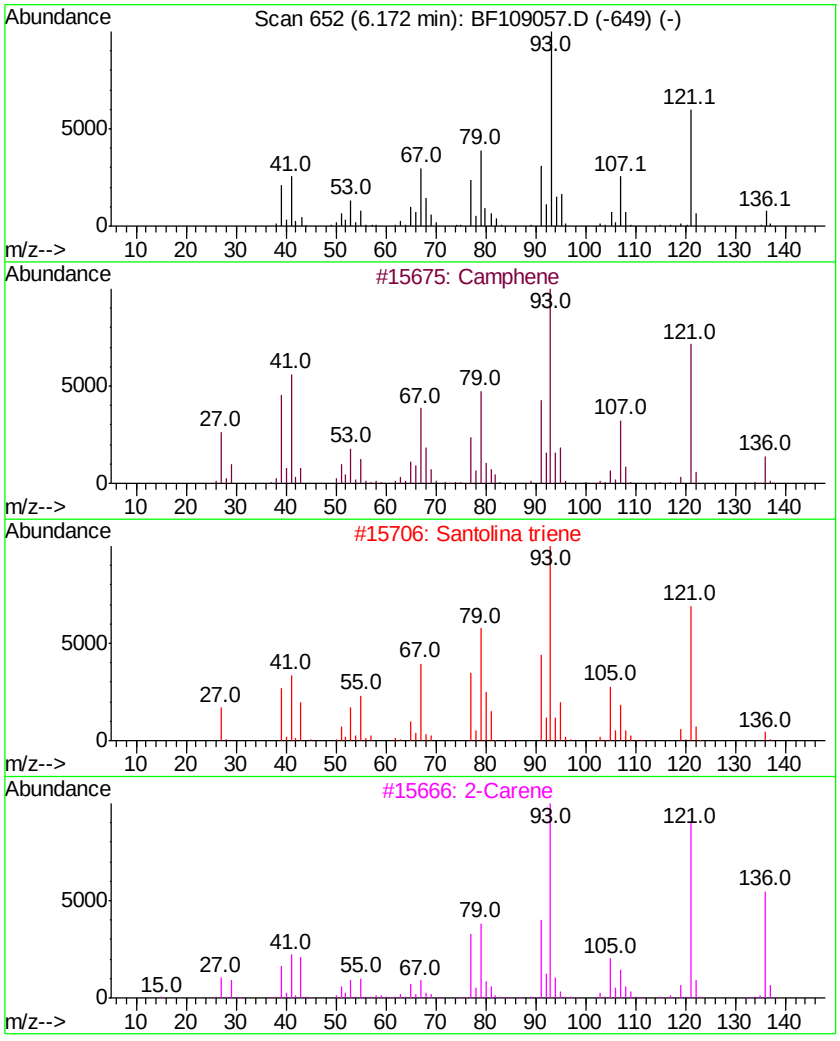
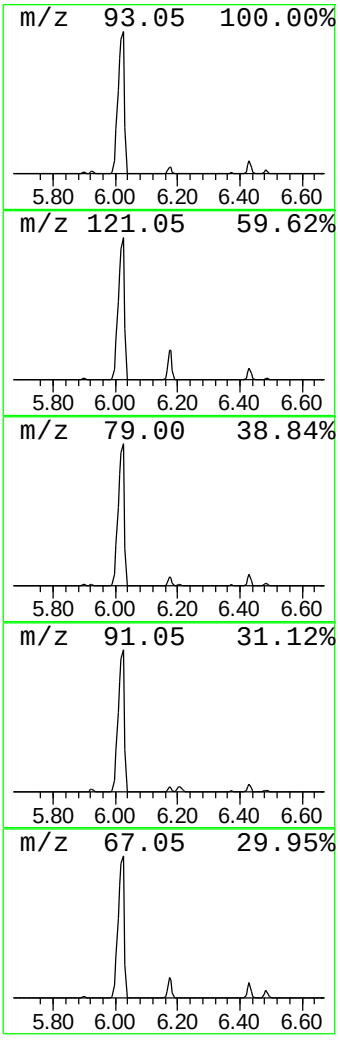
Peak Number 2 Camphene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	14.51 ng	466710	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	Santolina triene	136	C10H16	002153-66-4	78
3	2-Carene	136	C10H16	000554-61-0	74
4	(+)-4-Carene	136	C10H16	029050-33-7	74
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
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Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

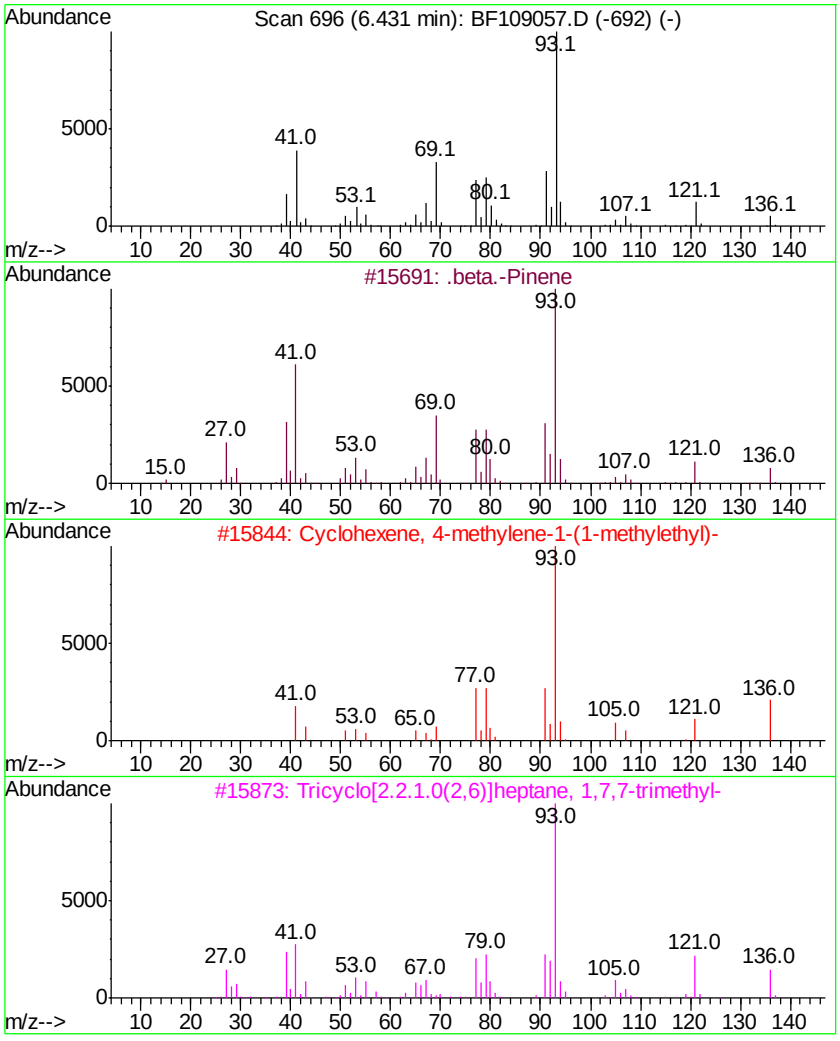
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

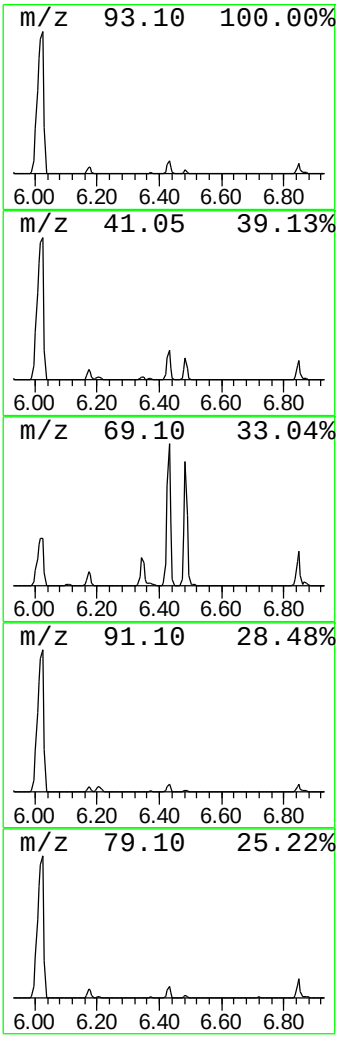
****

Peak Number 3 .beta.-Pinene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	19.43 ng	624794	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	93
2	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
5	.alpha.-Pinene	136	C10H16	000080-56-8	87





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Instrument : BNA_F
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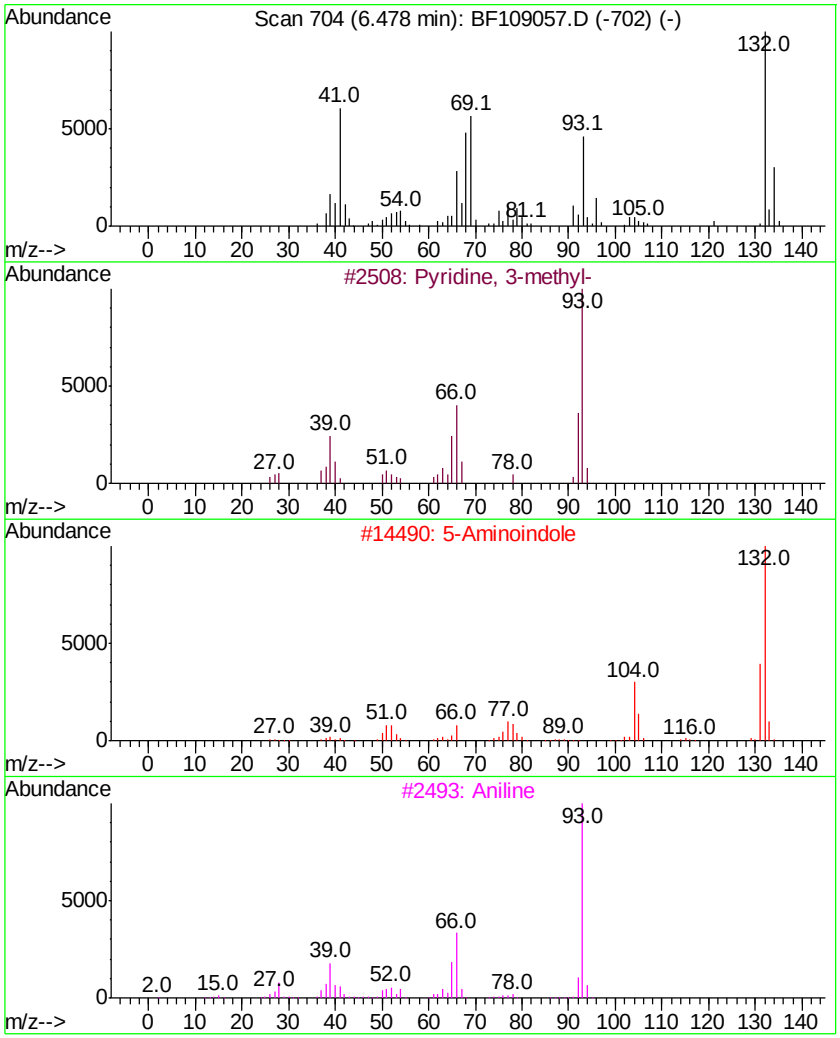
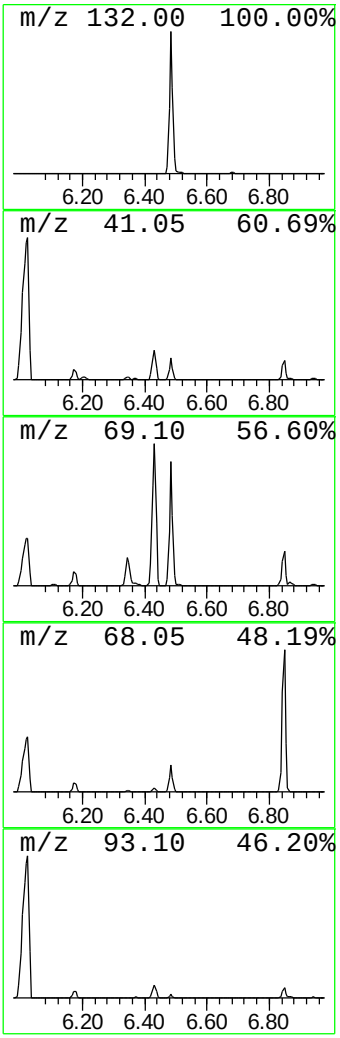
Peak Number 4 unknown6.48 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	12.85 ng	413102	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	38
2	5-Aminoindole	132	C8H8N2	005192-03-0	37
3	Aniline	93	C6H7N	000062-53-3	27
4	1H-Pyrazole-4-carbonitrile	93	C4H3N3	031108-57-3	27
5	Urea, phenyl-	136	C7H8N2O	000064-10-8	27





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

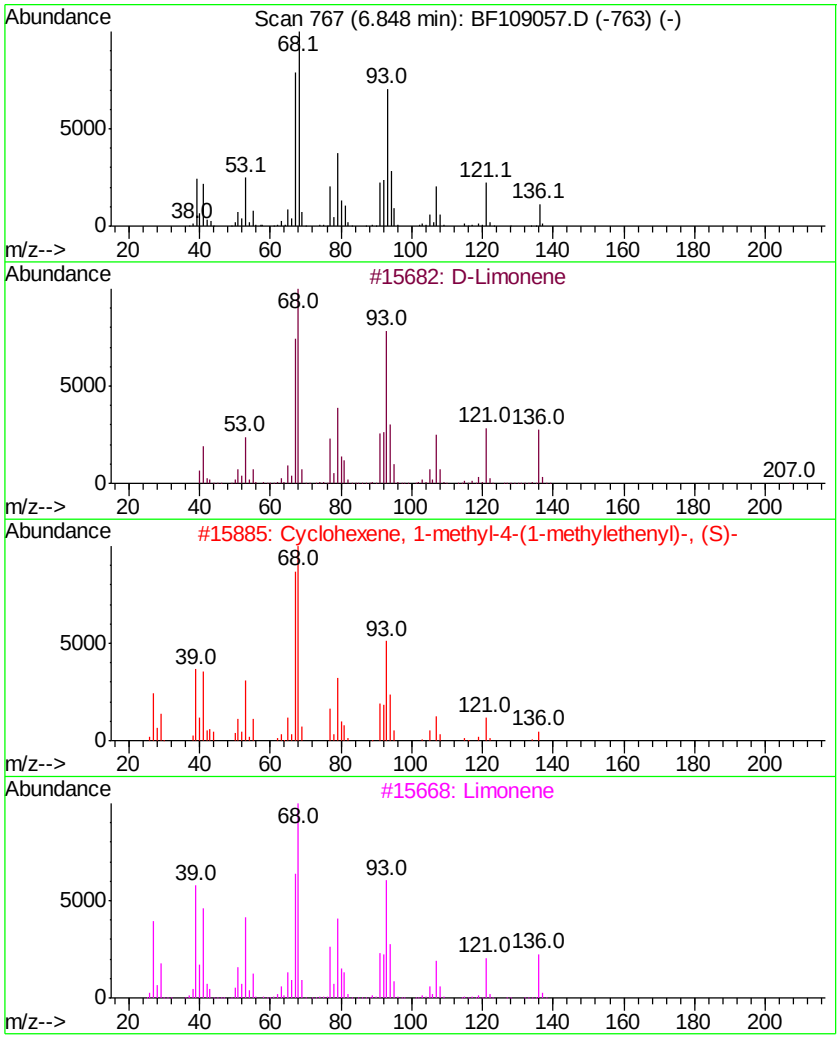
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

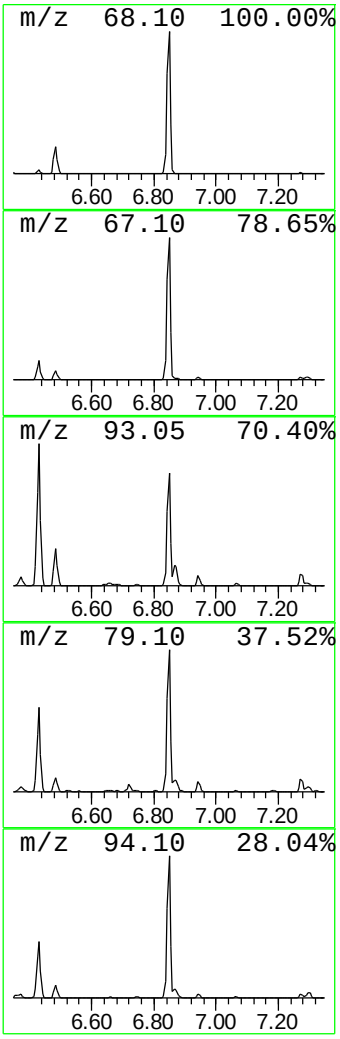
****

Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	32.42 ng	1042510	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	90
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	86
5	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	81





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Instrument : BNA_F
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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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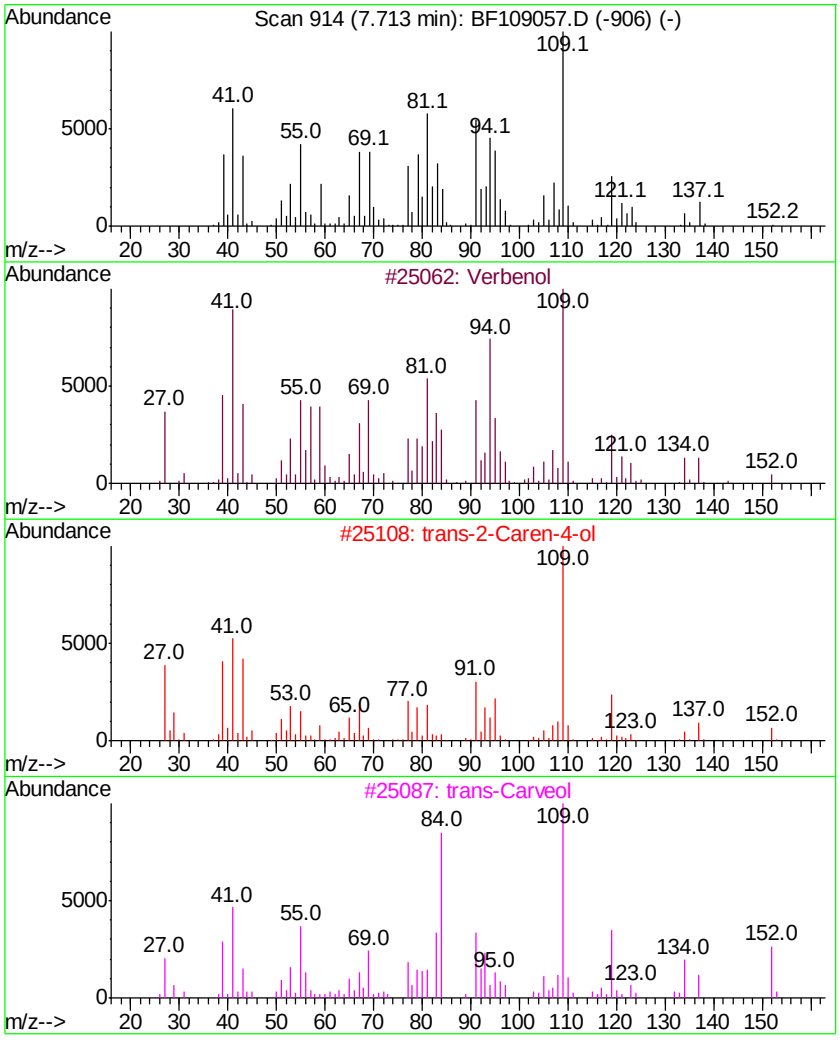
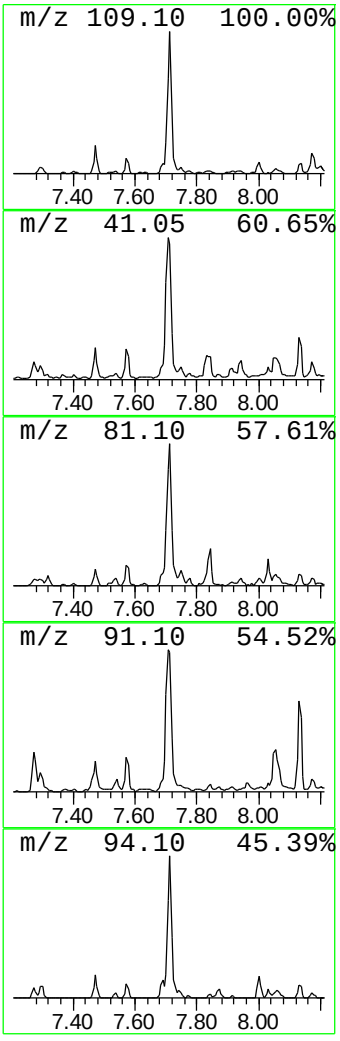
Peak Number 7 Verbenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	19.93 ng	726233	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Verbenol	152	C10H16O	000473-67-6	59
2	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	38
3	trans-Carveol	152	C10H16O	001197-07-5	38
4	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	30
5	Bicyclo[2.2.2]oct-2-ene, 1-methy...	137	C9H15N	1000217-10-9	27





Library Search Compound Report

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Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

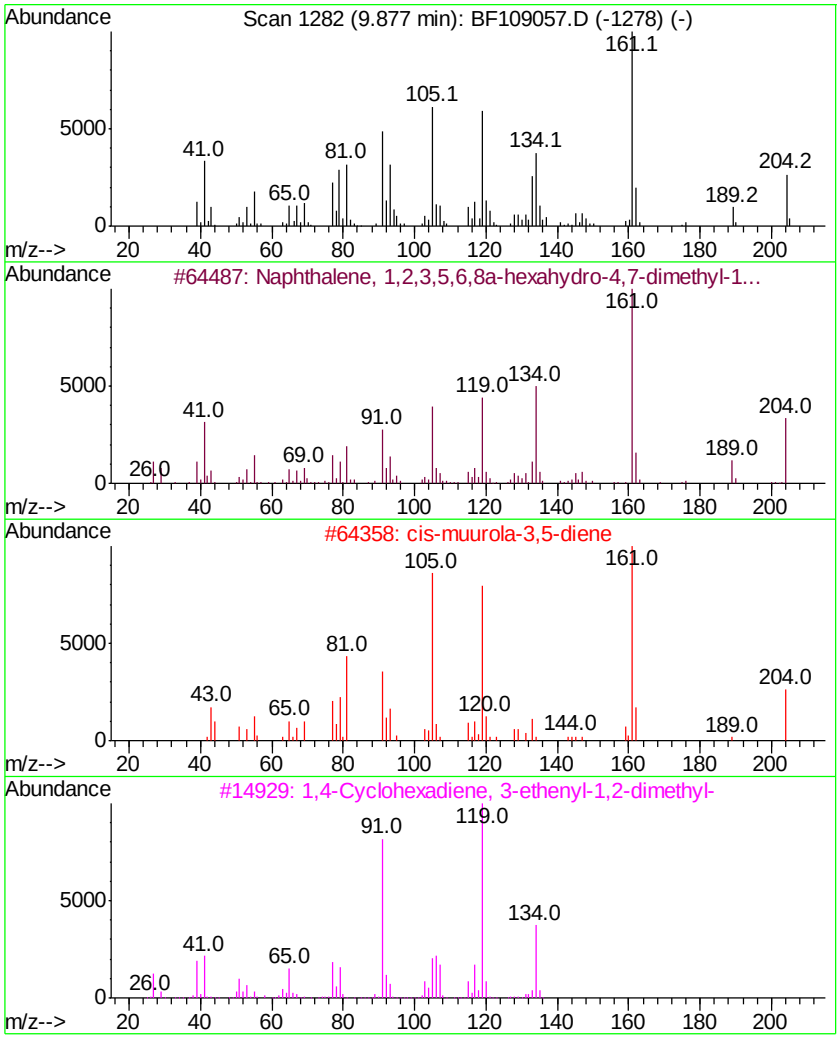
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

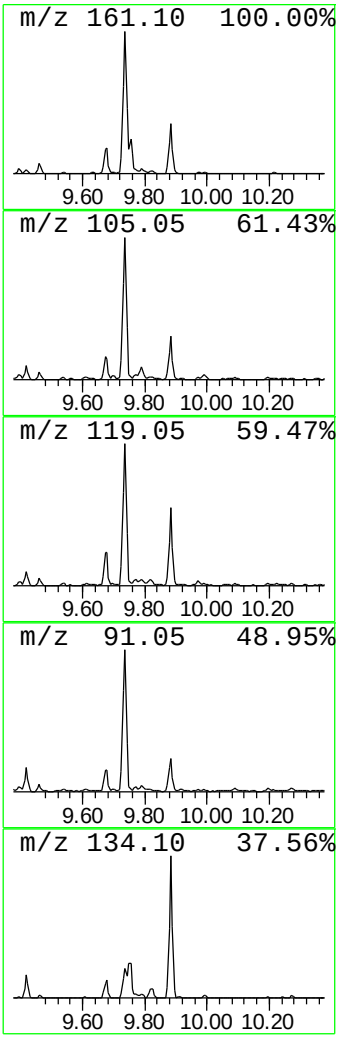
****

Peak Number 8 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	12.50 ng	428862	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,8a-hexahv...	204	C15H24	000483-76-1	97
2	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	89
3	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	84
4	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	81
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	70





Library Search Compound Report

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Data File : BF109057.D
Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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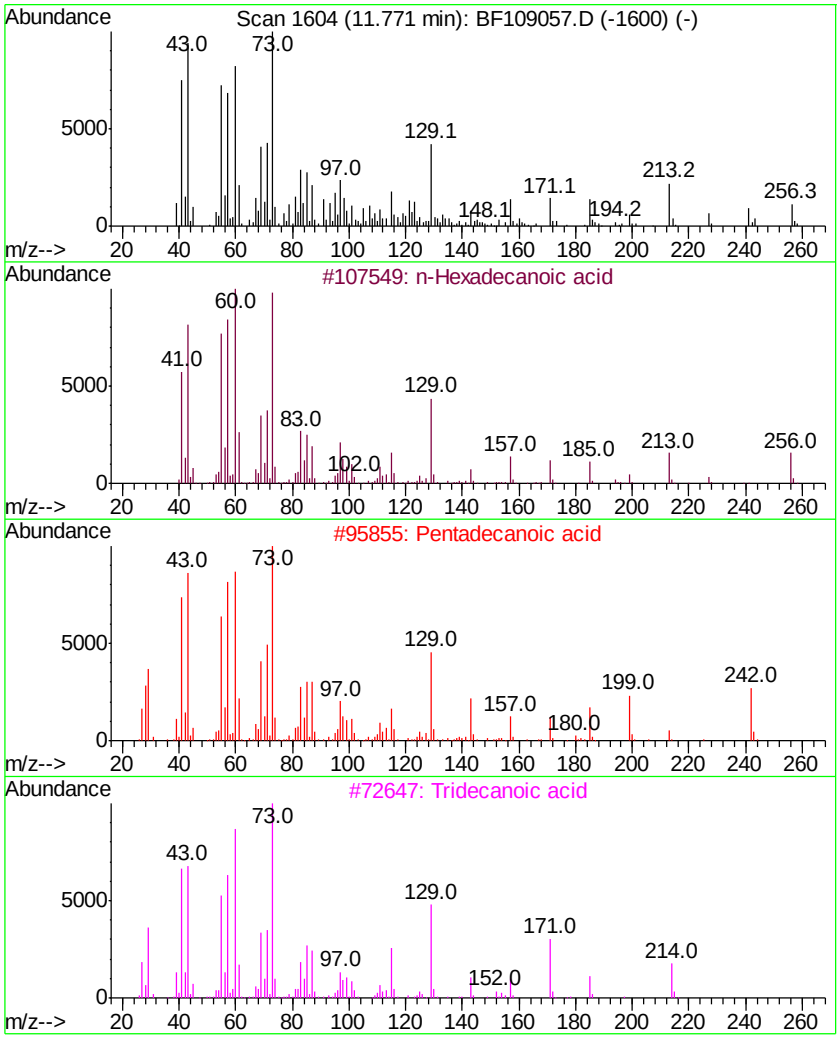
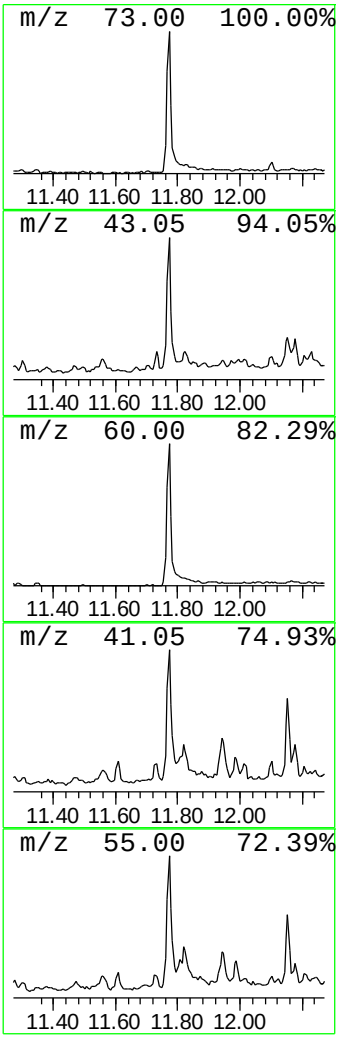
Peak Number 9 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.90 ng	510034	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





Library Search Compound Report

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Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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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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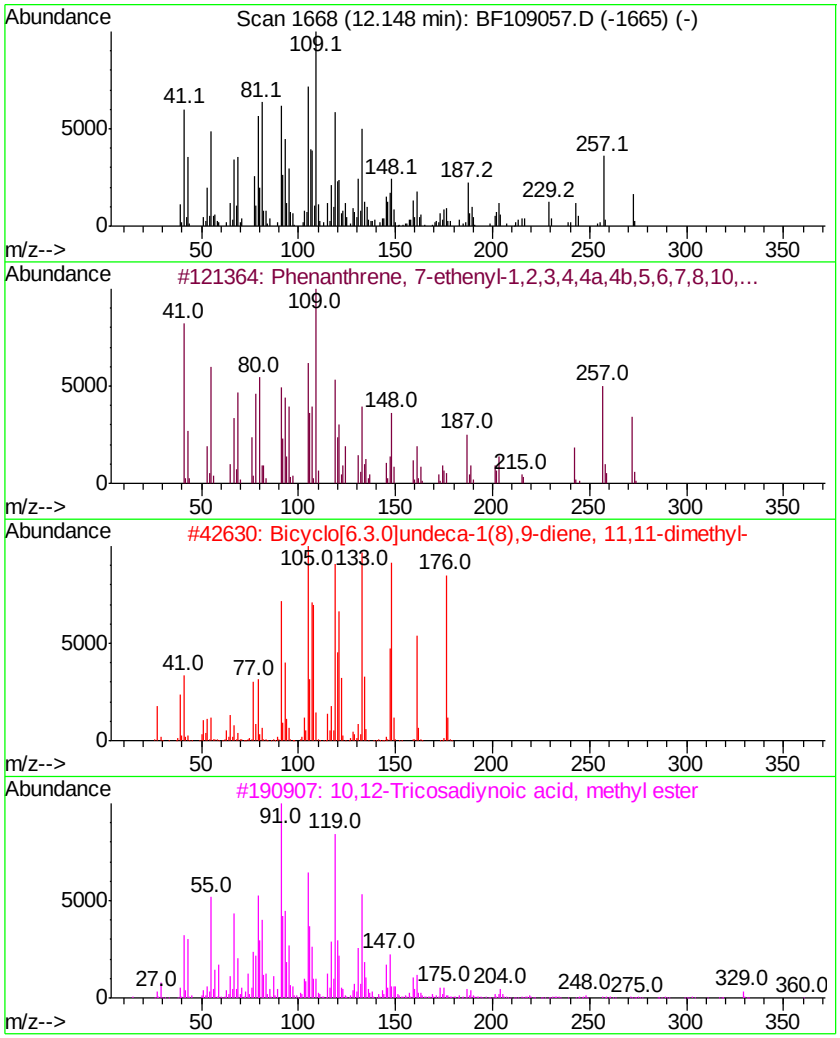
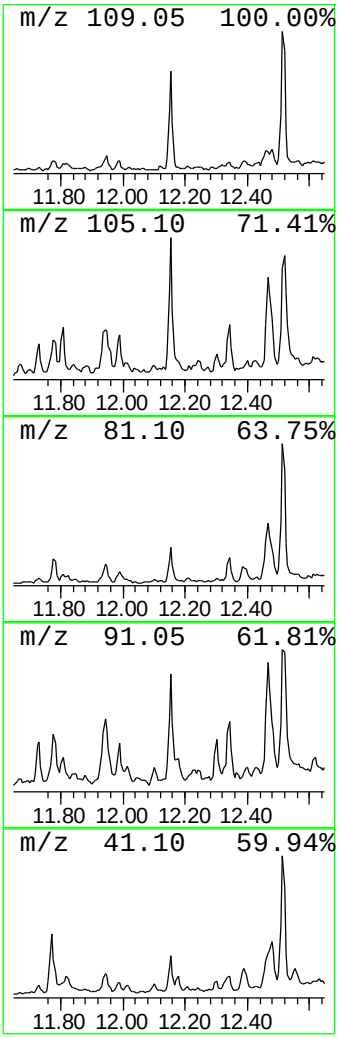
Peak Number 10 Phenanthrene, 7-ethenyl-1,2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	10.18 ng	436530	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-66-4	64
2	Bicyclo[6.3.0]undeca-1(8),9-dien...	176	C13H20	1000163-44-3	38
3	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1000333-59-4	35
4	exo-7-(2-Propenyl)bicyclo[4.2.0]...	148	C11H16	1000200-97-5	27
5	Methyl 10,12-pentacosadiynoate	388	C26H44O2	1000342-58-7	20





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Sample : J4945-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : RB47195RT

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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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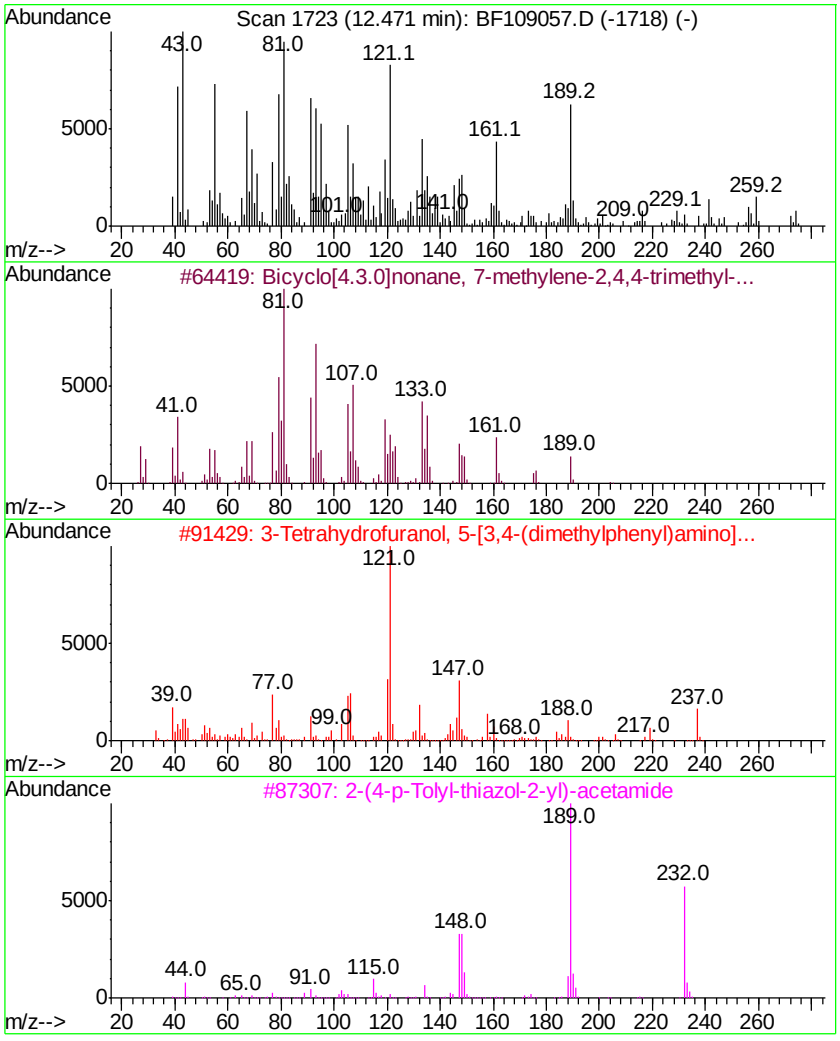
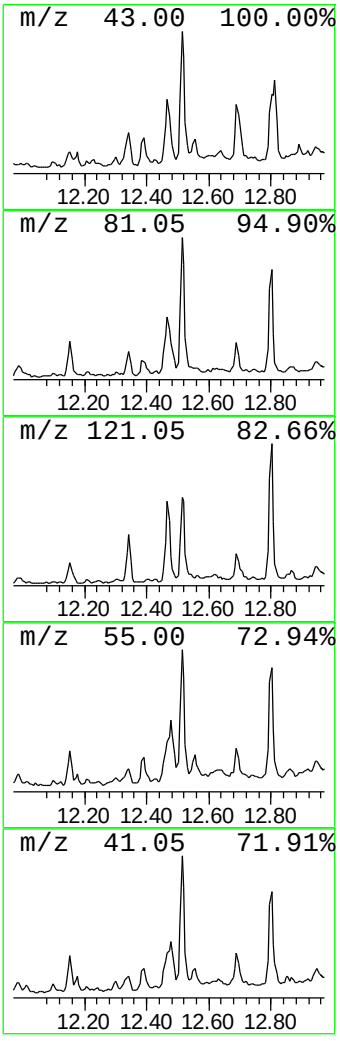
Peak Number 11 Bicyclo[4.3.0]nonane, 7-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	20.51 ng	879132	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	53
2	3-Tetrahydrofuranol, 5-[3,4-(dim...	237	C13H19NO3	1000271-60-0	25
3	2-(4-p-Tolyl-thiazol-2-yl)-aceta...	232	C12H12N2OS	1000300-02-3	15
4	1,5-Heptadiene, 2,5-dimethyl-3-m...	136	C10H16	074663-83-5	15
5	(-)-1,2,2.alpha.,3,3,4,6,7,8,8.a...	204	C15H24	1000365-86-7	14





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Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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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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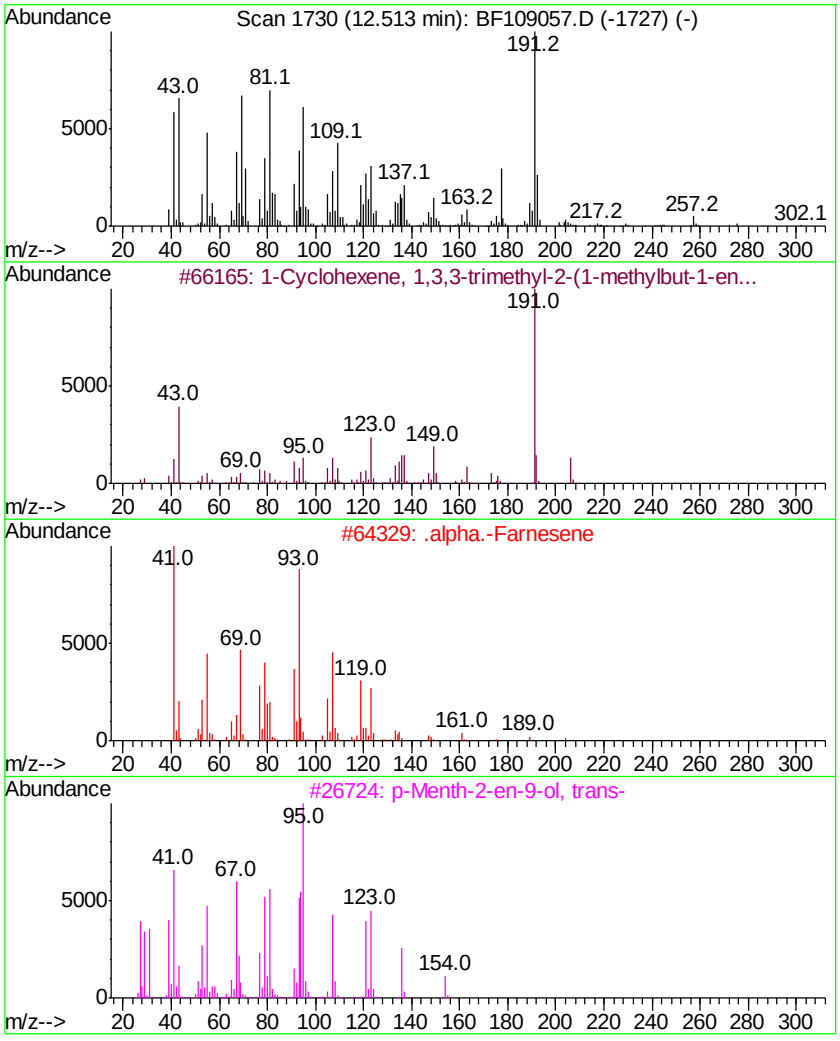
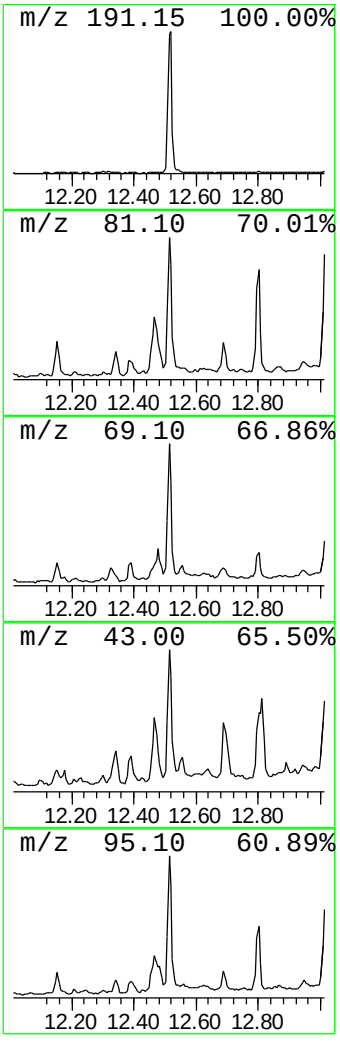
Peak Number 12 unknown12.51 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	29.37 ng	1258910	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	43
2	.alpha.-Farnesene	204	C15H24	000502-61-4	35
3	p-Menth-2-en-9-ol, trans-	154	C10H18O	1000151-16-0	30
4	trans-Geranylgeraniol	290	C20H34O	024034-73-9	25
5	3,4-Heptadien-2-one, 3-cyclopent...	192	C13H20O	063922-50-9	25





Library Search Compound Report

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Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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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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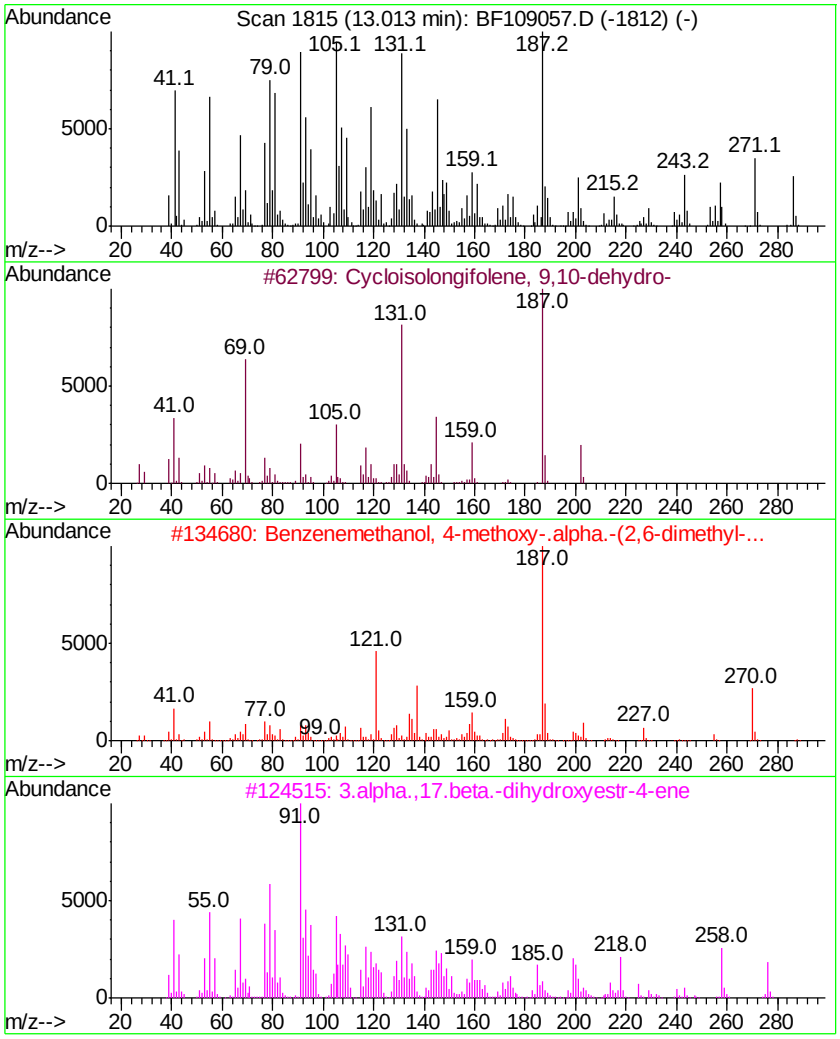
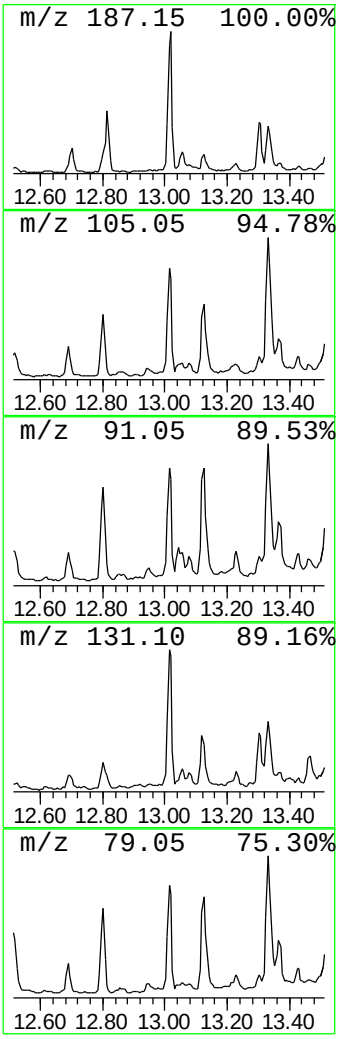
Peak Number 13 unknown13.01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	17.74 ng	1723810	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	35
2	Benzenemethanol, 4-methoxy-.alph...	288	C19H28O2	017015-62-2	25
3	3.alpha.,17.beta.-dihydroxyestr-...	276	C18H28O2	035950-87-9	22
4	Acridine, 1,2,3,4,5,6,7,8-octahy...	187	C13H17N	001658-08-8	15
5	Naphthalene, 5-butyl-1,2,3,4-tet...	188	C14H20	066325-42-6	14





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Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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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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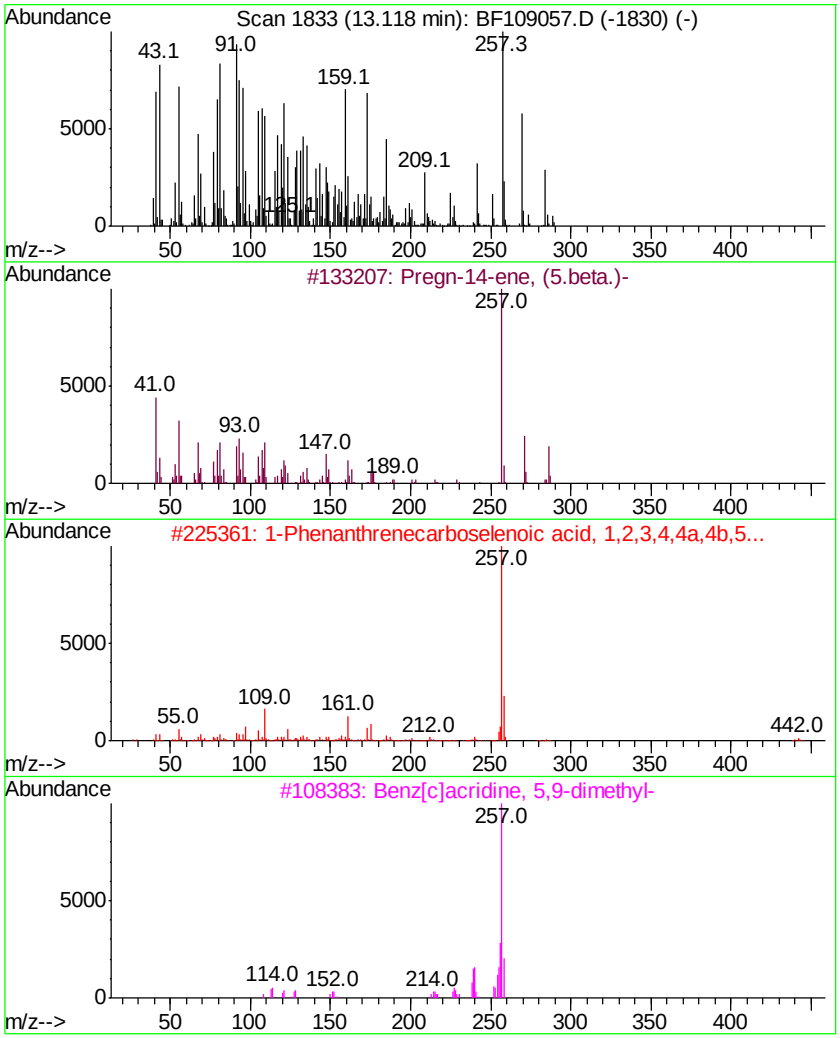
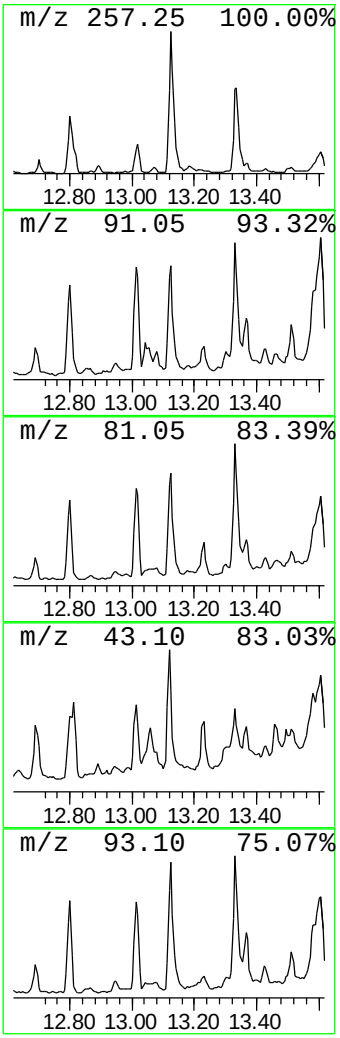
Peak Number 14 unknown13.12 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	22.12 ng	2149750	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-14-ene, (5.beta.)-	286	C21H34	054411-80-2	38
2	1-Phenanthrenecarboselenoic acid...	442	C26H34OSe	076920-33-7	37
3	Benz[c]acridine, 5,9-dimethyl-	257	C19H15N	003518-03-4	27
4	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	000511-02-4	25
5	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-67-5	25





Library Search Compound Report

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Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

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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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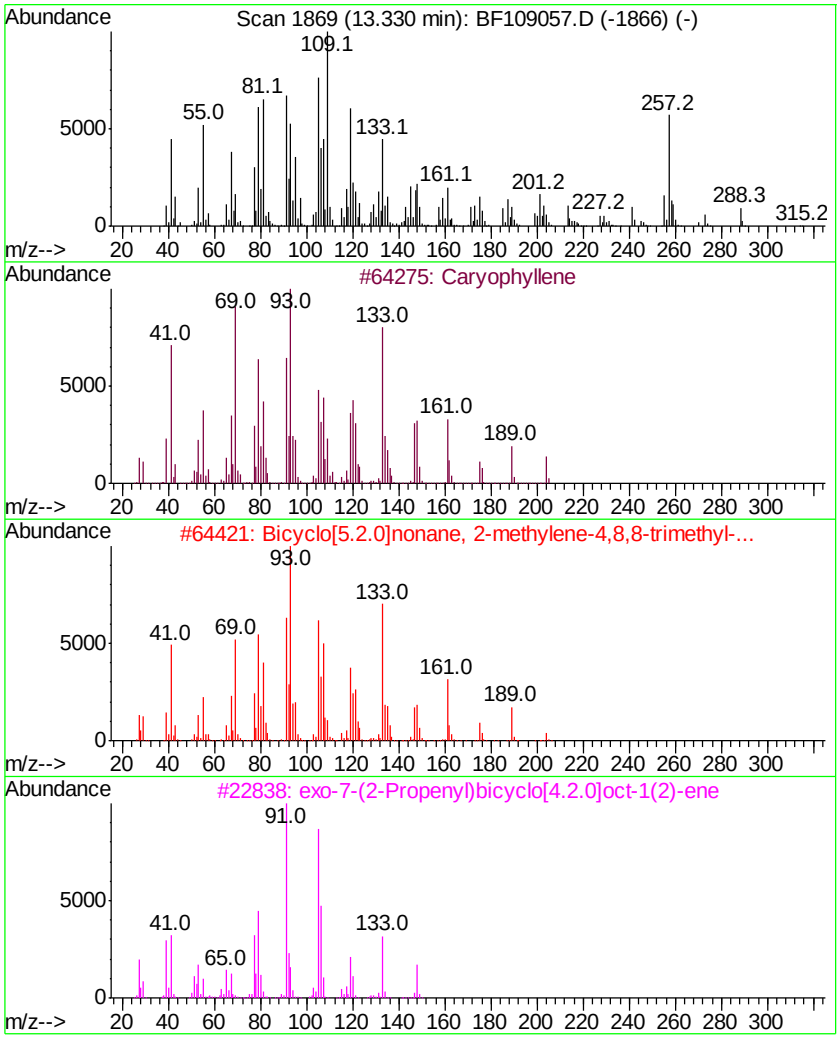
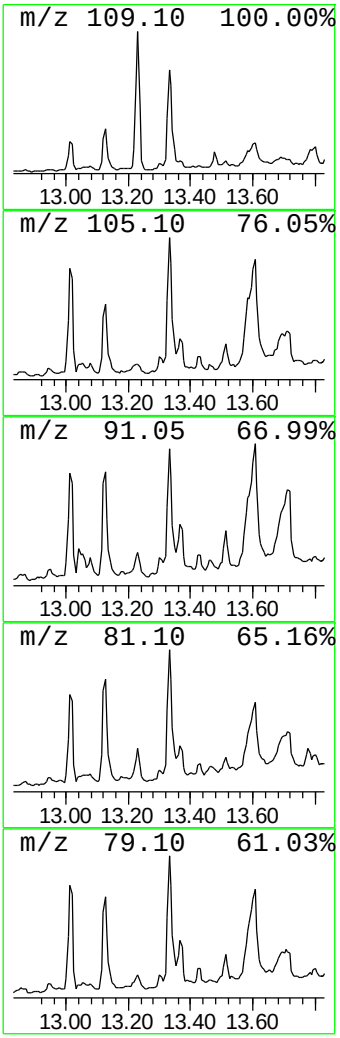
Peak Number 15 unknown13.33 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	21.71 ng	2109650	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	35
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	25
3	exo-7-(2-Propenyl)bicyclo[4.2.0]...	148	C11H16	1000200-97-5	22
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	18
5	1-Bromo-9-thiabicyclo[3.3.1]nona...	252	C8H13BrO2S	019669-16-0	14





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Operator : JU/SJ
Sample : J4945-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : RB47195RT

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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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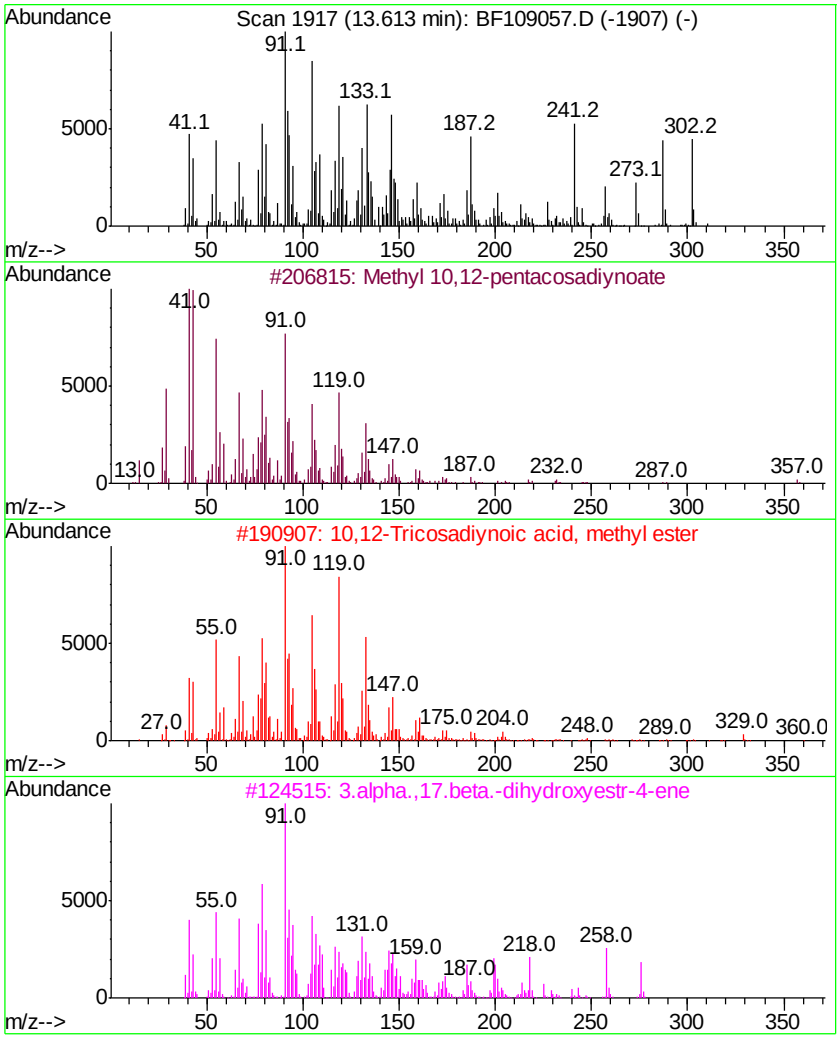
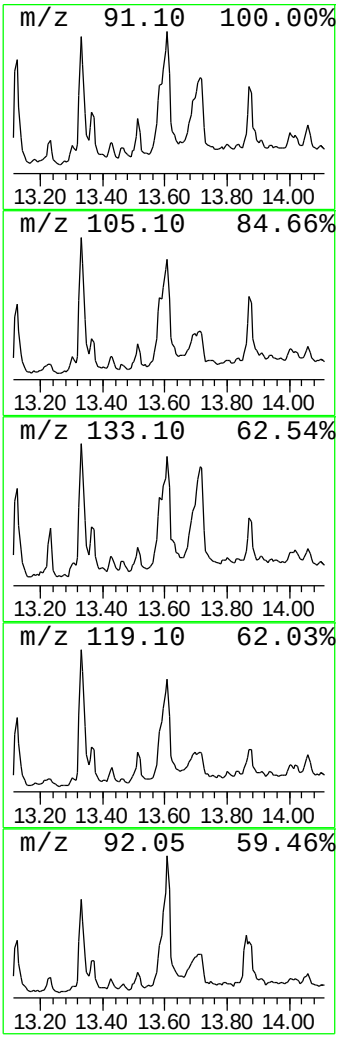
Peak Number 16 unknown13.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	40.89 ng	3974120	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10,12-pentacosadiynoate	388	C26H44O2	1000342-58-7	22
2	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1000333-59-4	22
3	3.alpha.,17.beta.-dihydroxyestr-...	276	C18H28O2	035950-87-9	16
4	Dispiro[2.0.2.5]undecane, 8-meth...	162	C12H18	051567-09-0	14
5	5,10-Pentadecadiyn-1-ol	220	C15H24O	064275-50-9	11





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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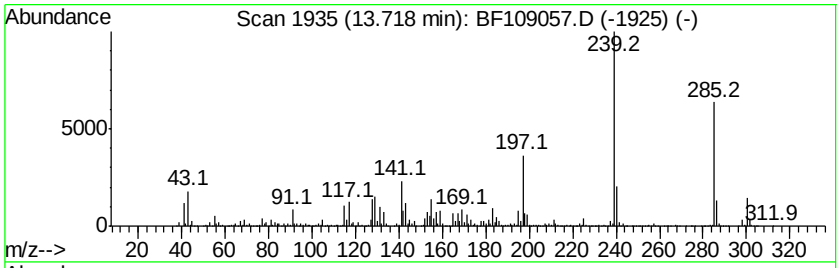
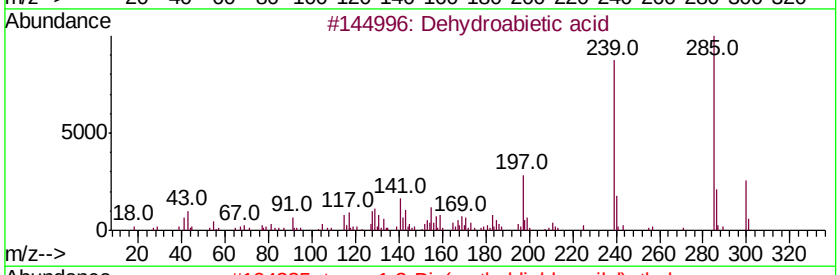
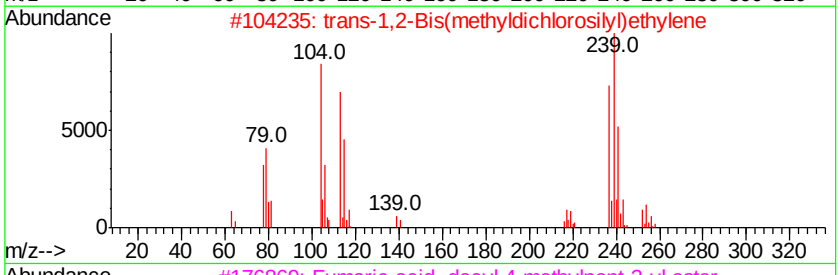
Peak Number 17 Dehydroabietic acid Concentration Rank 3

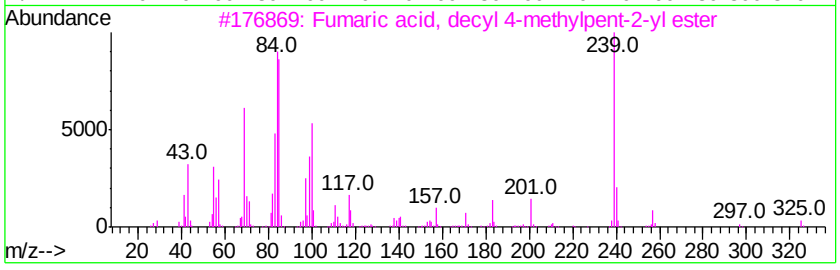
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	72.63 ng	7058850	Chrysene-d12	13.86

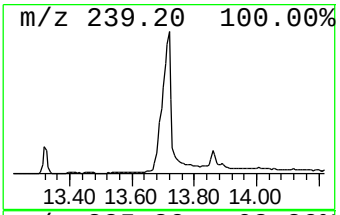
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	70
3	Fumaric acid, decyl 4-methylpent...	340	C20H36O4	1000348-32-4	43
4	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	43
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	42

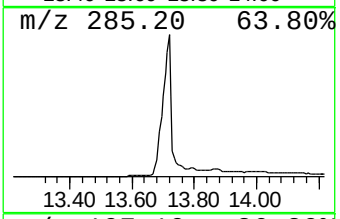


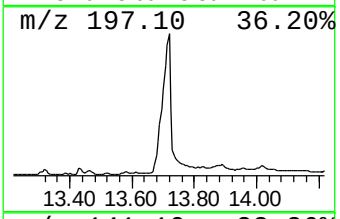


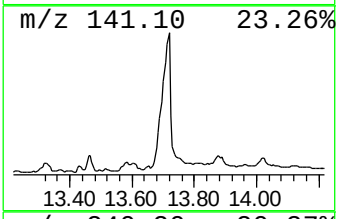


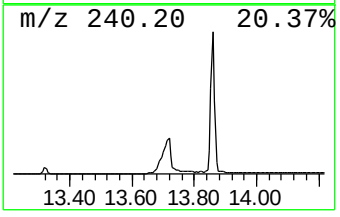












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Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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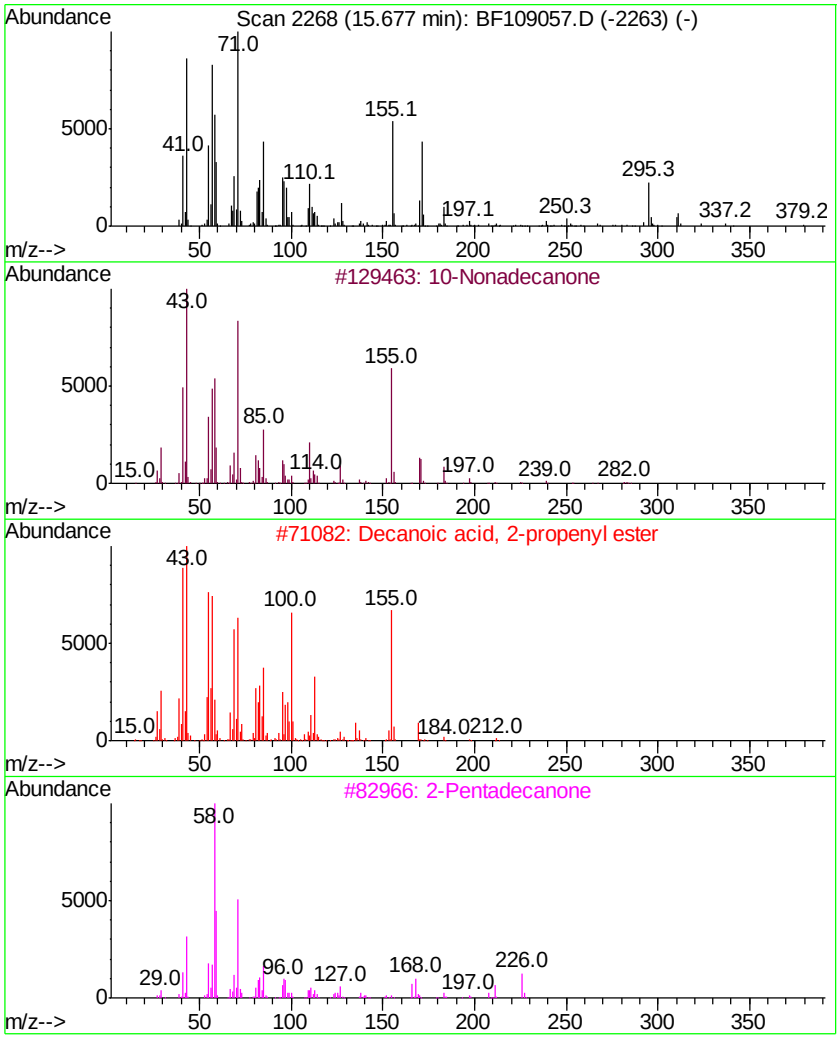
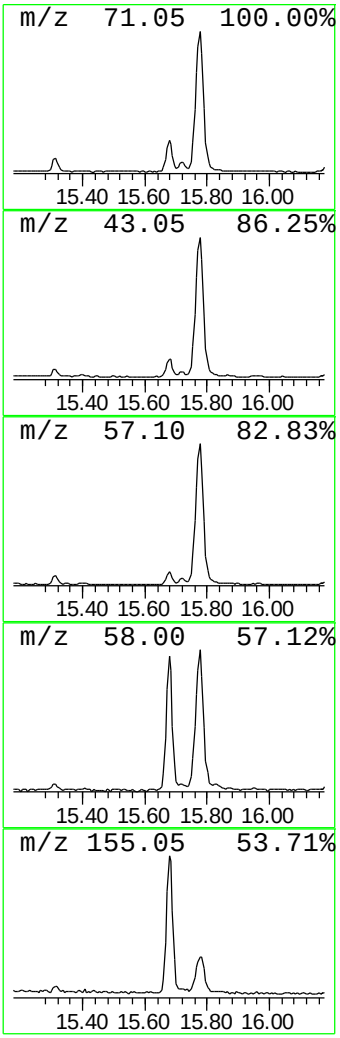
Peak Number 18 10-Nonadecanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	18.16 ng	602054	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Nonadecanone	282	C19H38O	000504-57-4	53
2	Decanoic acid, 2-propenyl ester	212	C13H24O2	057856-81-2	46
3	2-Pentadecanone	226	C15H30O	002345-28-0	22
4	Sulfurous acid, pentadecyl penty...	362	C20H42O3S	1000309-14-8	22
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109057.D
Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

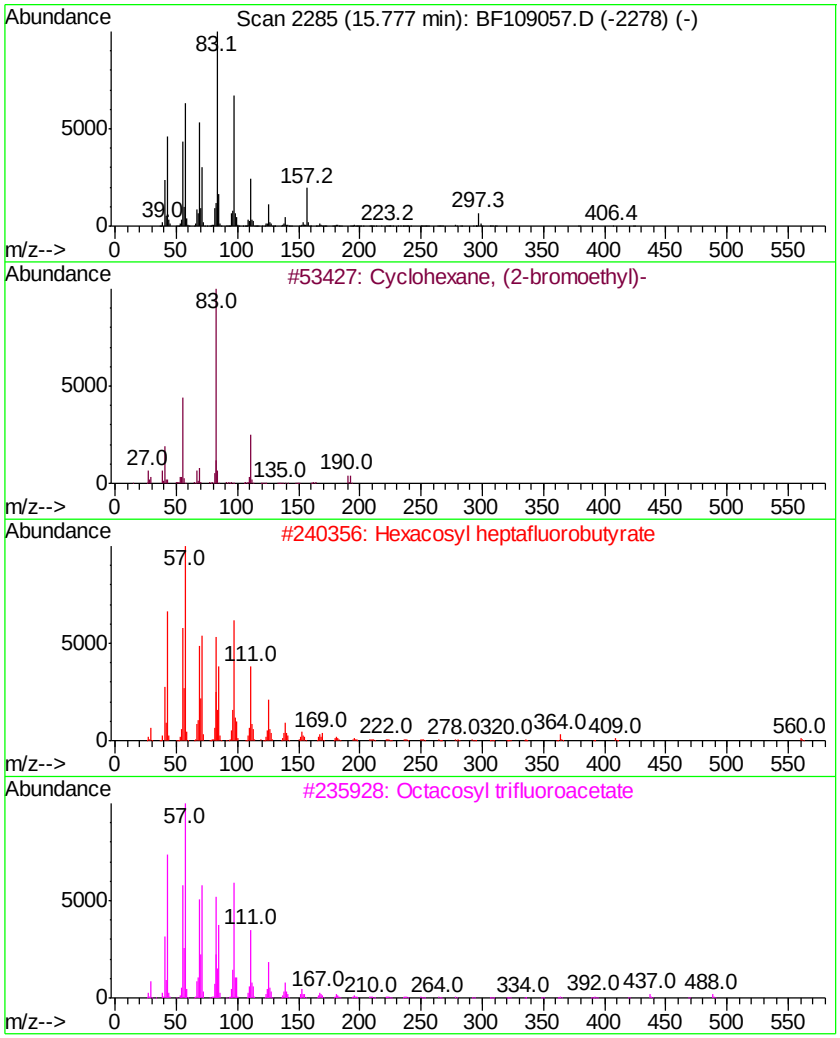
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

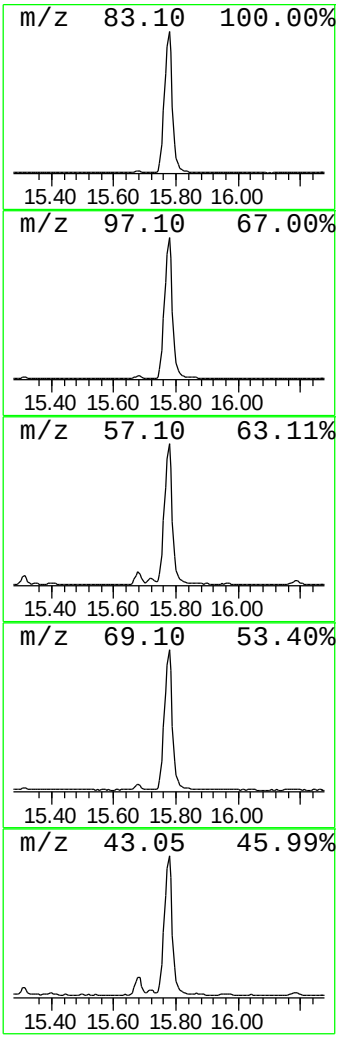
****

Peak Number 19 unknown15.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	229.95 ng	7624540	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	38
2	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	38
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38
4	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	35
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109057.D
Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

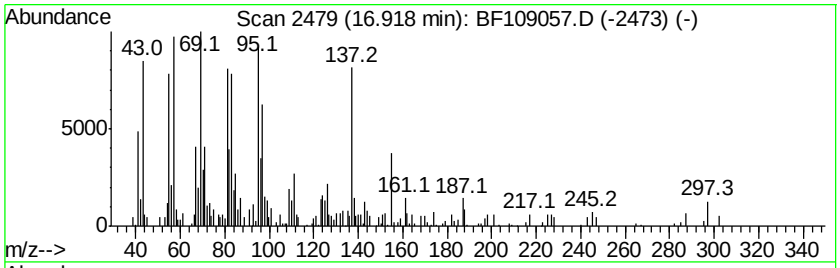
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

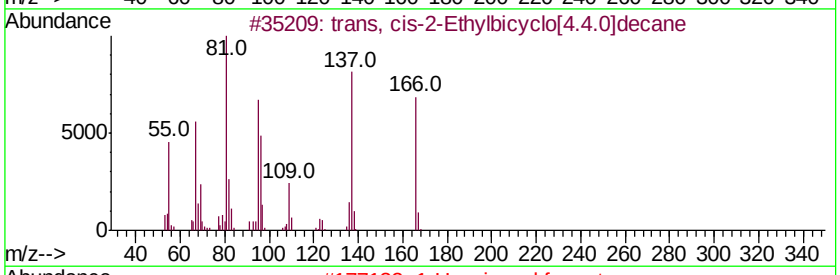
****

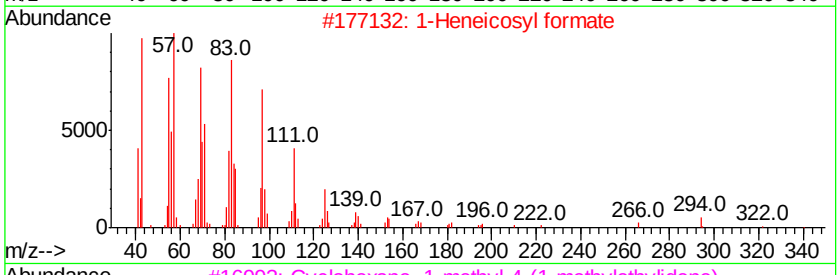
Peak Number 20 unknown16.92 Concentration Rank 18

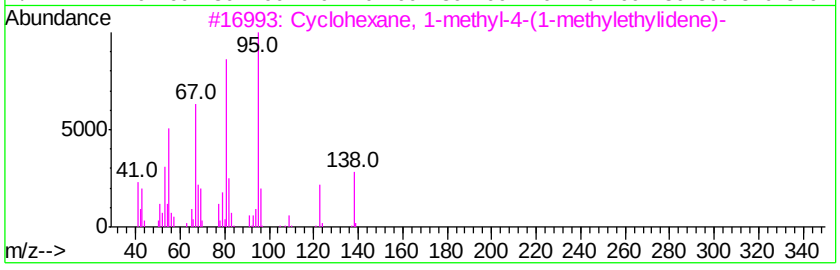
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	11.85 ng	392822	Perylene-d12	15.27

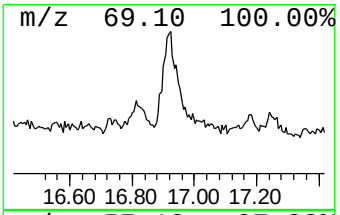
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	38
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	35
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	30
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	25
5	1-Octadecanol, methyl ether	284	C19H40O	1000333-92-7	18

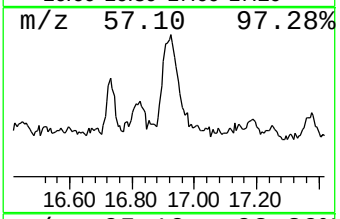


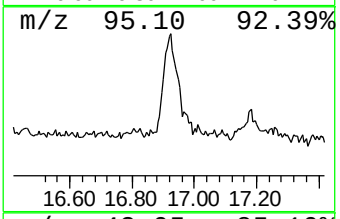


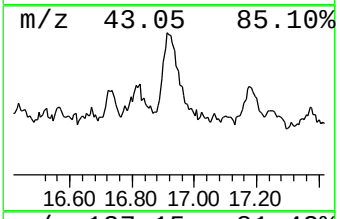


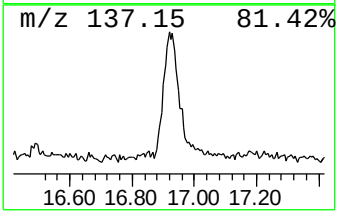












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109057.D
Acq On : 17 Sep 2018 19:18
Operator : JU/SJ
Sample : J4945-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47195RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
(1R)-2,6,6-Trimet...	6.02	383.6	ng	12336700	1	6.72	643188	20.0
Camphene	6.17	14.5	ng	466710	1	6.72	643188	20.0
.beta.-Pinene	6.43	19.4	ng	624794	1	6.72	643188	20.0
unknown6.48	6.48	12.9	ng	413102	1	6.72	643188	20.0
D-Limonene	6.85	32.4	ng	1042510	1	6.72	643188	20.0
Verbenol	7.71	19.9	ng	726233	2	8.00	728873	20.0
Naphthalene, 1,2,...	9.88	12.5	ng	428862	3	9.75	686352	20.0
n-Hexadecanoic acid	11.77	11.9	ng	510034	4	11.22	857401	20.0
Phenanthrene, 7-e...	12.15	10.2	ng	436530	4	11.22	857401	20.0
Bicyclo[4.3.0]non...	12.47	20.5	ng	879132	4	11.22	857401	20.0
unknown12.51	12.51	29.4	ng	1258910	4	11.22	857401	20.0
unknown13.01	13.01	17.7	ng	1723810	5	13.86	1943880	20.0
unknown13.12	13.12	22.1	ng	2149750	5	13.86	1943880	20.0
unknown13.33	13.33	21.7	ng	2109650	5	13.86	1943880	20.0
unknown13.61	13.61	40.9	ng	3974120	5	13.86	1943880	20.0
Dehydroabietic acid	13.72	72.6	ng	7058850	5	13.86	1943880	20.0
10-Nonadecanone	15.68	18.2	ng	602054	6	15.27	663135	20.0
unknown15.78	15.78	229.9	ng	7624540	6	15.27	663135	20.0
unknown16.92	16.92	11.9	ng	392822	6	15.27	663135	20.0