LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

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-BF010719.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	4.210	351	361	365	rBV	329245	536280	1.59%	0.173%
2	4.540	410	417	426	rVB2	472740	693824	2.06%	0.224%
3	4.634	426	433	439	rBV	260999	353048	1.05%	0.114%
4	4.940	477	485	490	rBV	969320	1288879	3.82%	0.415%
5	5.040	490	502	507	rBV3	1807368	3620633	10.74%	1.167%
6	5.098	507	512	516	rVV2	2586826	3223553	9.56%	1.039%
7	5.140	516	519	521	rVV2	334969	465082	1.38%	0.150%
8	5.181	521	526	529	rVV	2993779	3408820	10.11%	1.099%
9	5.222	531	533	540	rVB	522143	503491	1.49%	0.162%
10	5.293	540	545	554	rBV	3252119	5126329	15.20%	1.652%
11	5.451	568	572	574	rVV	634718	745145	2.21%	0.240%
12	5.475	574	576	578	rVV	941520	892309	2.65%	0.288%
13	5.504	578	581	589	rVB	3451785	3452531	10.24%	1.113%
14	5.575	589	593	598	rBV	1403961	1768938	5.24%	0.570%
15	5.657	603	607	611	rBV2	2776925	4295415	12.74%	1.384%
16	5.698	611	614	618	rVB	2703399	2600193	7.71%	0.838%
17	5.740	618	621	629	rVB2	2612856	4071331	12.07%	1.312%
18	5.810	629	633	641	rVB	859558	1140602	3.38%	0.368%
19	5.910	642	650	654	rBV3	3837263	7521293	22.30%	2.424%
20	5.957	654	658	666	rBV3	1547604	3036794	9.00%	0.979%
21	6.045	668	673	678	rVB3	4610547	6429411	19.06%	2.072%
22	6.092	678	681	683	rBV2	1070593	1557003	4.62%	0.502%
23	6.145	685	690	696	rBV2	8909349	18157400	53.84%	5.852%
24	6.204	696	700	703	rVV	4273788	6011103	17.82%	1.937%
25	6.240	703	706	708	rVB	908895	926357	2.75%	0.299%
26	6.334	716	722	733	rBV4	6161015	14930220	44.27%	4.812%
27	6.428	733	738	747	rBV3	7002888	18271953	54.18%	5.889%
28	6.516	748	753	755	rBV2	3101498	4550841	13.49%	1.467%
29	6.563	755	761	764	rVV4	2114979	4043480	11.99%	1.303%
30	6.657	769	777	786	rVB8	5730535	22028002	65.31%	7.099%
31	6.745	787	792	796	rVV5	2180591	3940402	11.68%	1.270%
32	6.881	804	815	824	rBV10	3300560	14030843	41.60%	4.522%
33	7.045	839	843	847	rBV3	4610067	9365689	27.77%	3.018%
34	7.298	881	886	888	rBV3	3897813	7015084	20.80%	2.261%

LSC Area Percent Report

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Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.457	903	913	923	rBV8	6986039	33727156	100.00%	10.869%
36	9.698	1290	1294	1297	rBV2	5497184	8317761	24.66%	2.681%
37	9.992	1342	1344	1348	rBV4	1864320	2110778	6.26%	0.680%
38	10.104	1360	1363	1366	rBV3	1685312	2872072	8.52%	0.926%
39	10.198	1376	1379	1387	rVB3	4911952	7662287	22.72%	2.469%
40	10.269	1388	1391	1394	rVV3	2432394	3493538	10.36%	1.126%
41	10.298	1394	1396	1402	rVB4	3196719	3863383	11.45%	1.245%
42	10.416	1414	1416	1424	rVB6	2102269	3380153	10.02%	1.089%
43	10.580	1438	1444	1449	rVB	5992507	9181495	27.22%	2.959%
44	10.722	1465	1468	1472	rBV2	1224585	1210997	3.59%	0.390%
45	10.839	1483	1488	1493	rVV2	6542278	8483447	25.15%	2.734%
46	10.886	1493	1496	1498	rVV	1666878	1675824	4.97%	0.540%
47	10.922	1498	1502	1505	rVV3	2097574	2965741	8.79%	0.956%
48	10.957	1505	1508	1510	rVV	2040980	2184829	6.48%	0.704%
49	10.975	1510	1511	1514	rVV	1142889	967541	2.87%	0.312%
50	11.004	1514	1516	1520	rVV3	1000517	1702729	5.05%	0.549%
51	11.063	1524	1526	1529	rVV3	1527721	1665621	4.94%	0.537%
52	11.098	1529	1532	1534	rVV	1844418	1590332	4.72%	0.513%
53	11.122	1534	1536	1537	rVV	796130	573382	1.70%	0.185%
54	11.139	1537	1539	1544	rVB3	1189979	1262690	3.74%	0.407%
55	11.292	1561	1565	1571	rVB3	2550586	3140683	9.31%	1.012%
56	11.404	1581	1584	1586	rBV	992283	1044580	3.10%	0.337%
57	11.427	1586	1588	1591	rVB	1606414	1341427	3.98%	0.432%
58	11.639	1619	1624	1630	rBV3	702532	1089586	3.23%	0.351%
59	11.769	1642	1646	1651	rVB	2522356	2413829	7.16%	0.778%
60	11.845	1657	1659	1662	rBV	349101	351727	1.04%	0.113%
61	12.145	1707	1710	1715	rVB6	413646	528688	1.57%	0.170%
62	12.263	1726	1730	1735	rBV4	907804	1220676	3.62%	0.393%
63	12.351	1741	1745	1747	rBV	1866105	1665921	4.94%	0.537%
64	12.380	1747	1750	1753	rVB2	400923	401560	1.19%	0.129%
65	12.463	1761	1764	1767	rVB	2364346	1908198	5.66%	0.615%
66	12.516	1772	1773	1776	rBV3	408251	384963	1.14%	0.124%
67	12.545	1776	1778	1782	rBV2	351412	532284	1.58%	0.172%
68	12.621	1788	1791	1793	rBV	1180156	925342	2.74%	0.298%
69	12.657	1793	1797	1800	rVB	3082875	2706797	8.03%	0.872%
70	12.774	1813	1817	1821	rVV4	470661	661077	1.96%	0.213%
71	12.845	1824	1829	1835	rVB2	1039632	1662422	4.93%	0.536%

LSC Area Percent Report

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Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.980	1848	1852	1855	rVB	2664640	2765699	8.20%	0.891%
73	13.121	1874	1876	1879	rVB	1083401	925580	2.74%	0.298%
74	13.427	1925	1928	1933	rBV2	578833	1051243	3.12%	0.339%
75	13.621	1959	1961	1962	rBV	642790	425136	1.26%	0.137%
76	14.015	2026	2028	2030	rVB	814522	555067	1.65%	0.179%
77	14.045	2030	2033	2035	rBV	739948	791253	2.35%	0.255%
78	14.557	2118	2120	2124	rBV3	788901	1100902	3.26%	0.355%
79	14.663	2136	2138	2140	rBV2	676841	638848	1.89%	0.206%
80	14.751	2151	2153	2158	rBV3	736025	1168016	3.46%	0.376%

Sum of corrected areas: 310295538

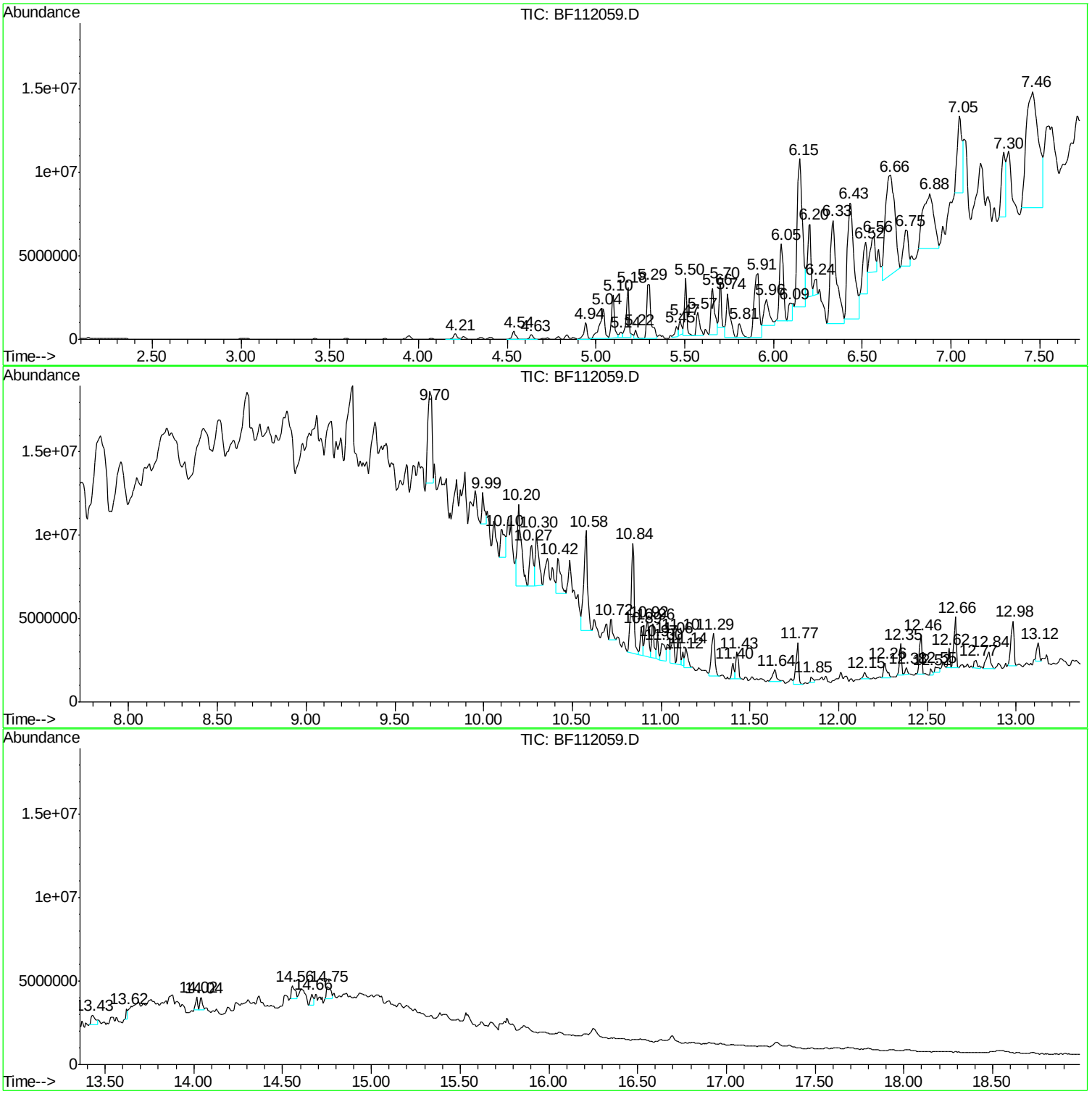
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

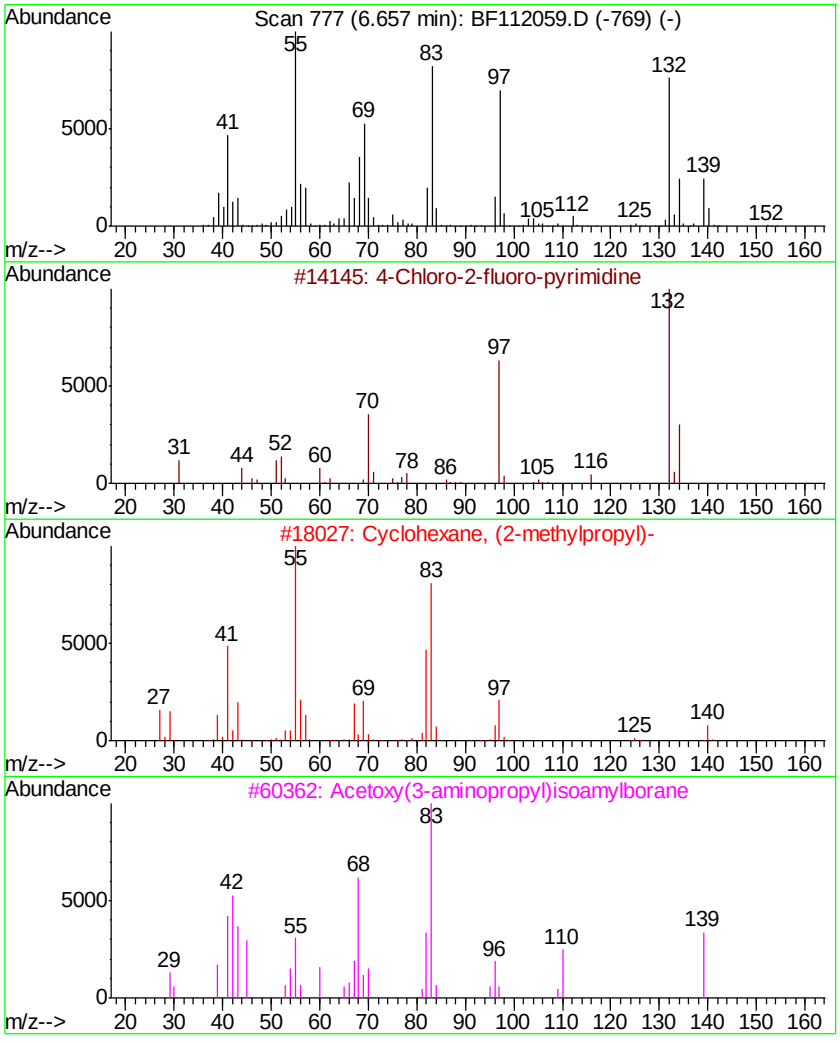
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

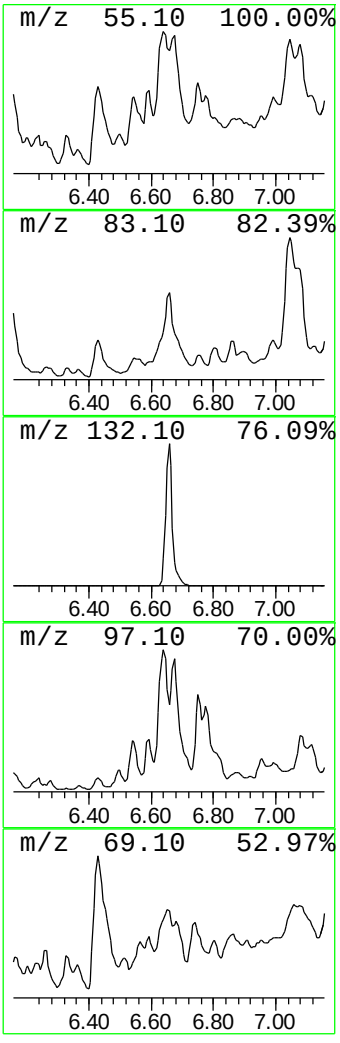
****

Peak Number 1 unknown6.66 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	31.40 ng	22028000	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	22
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	18
3	Acetoxy(3-aminopropyl)isoamylborane	199	C10H22BNO2	031569-49-0	16
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5	Cyclohexane, 2-iodo-4-methyl-1-(...	266	C10H19I	064240-81-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

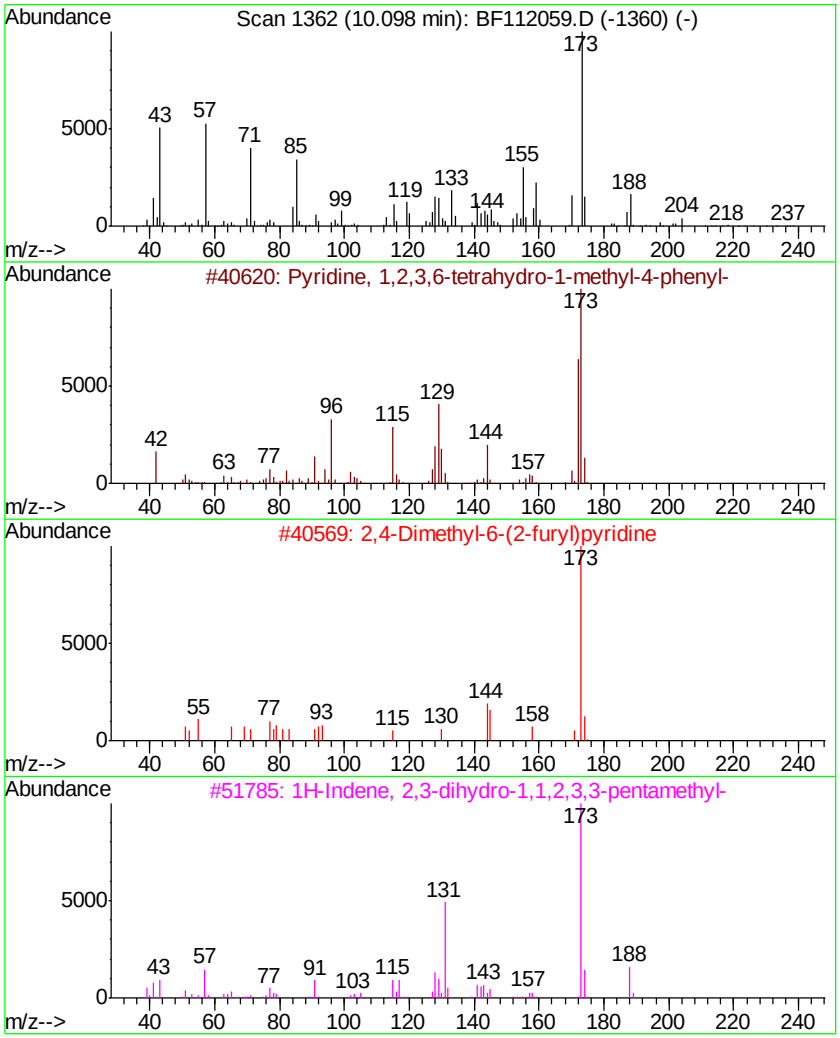
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

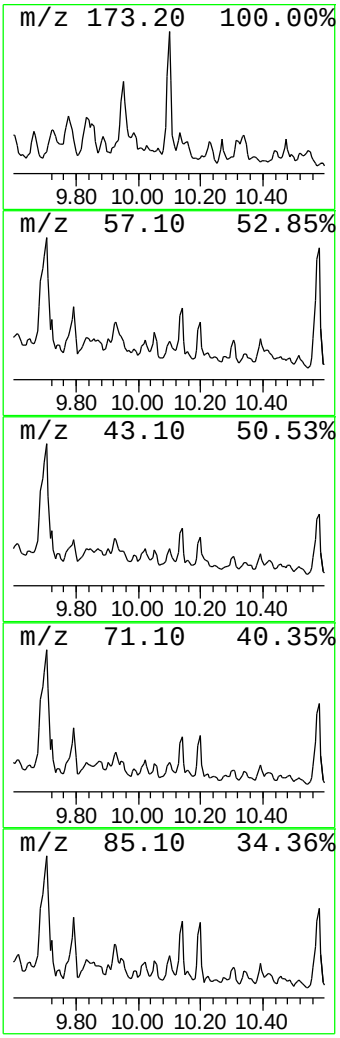
****

Peak Number 2 unknown10.10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	27.21 ng	2872070	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 1,2,3,6-tetrahydro-1-m...	173	C12H15N	028289-54-5	18
2	2,4-Dimethyl-6-(2-furyl)pyridine	173	C11H11NO	078563-67-4	15
3	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	14
4	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	14
5	4'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000709-63-7	11





Library Search Compound Report

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Acq On : 14 Jan 2019 19:08
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Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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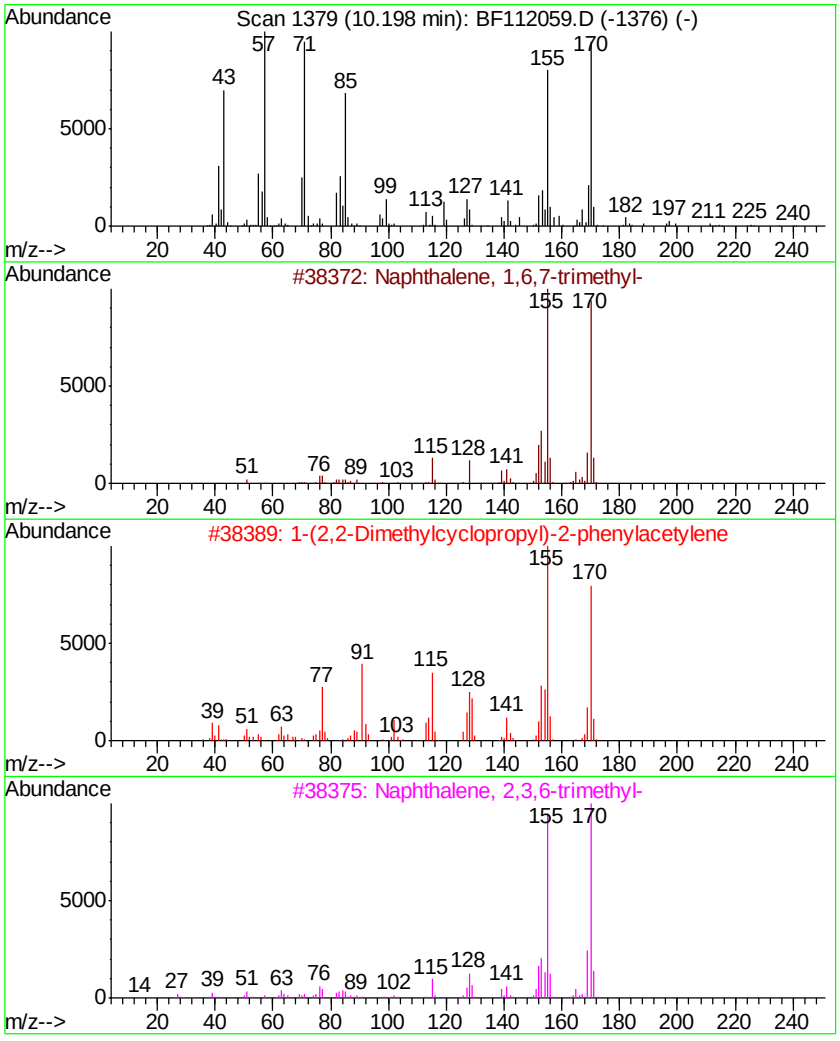
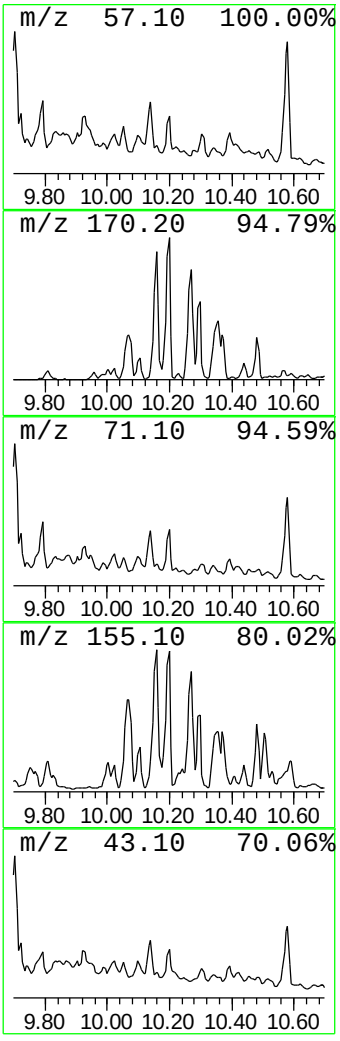
Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	72.60 ng	7662290	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
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TIC Library : C:\DATABASE\NIST11.L
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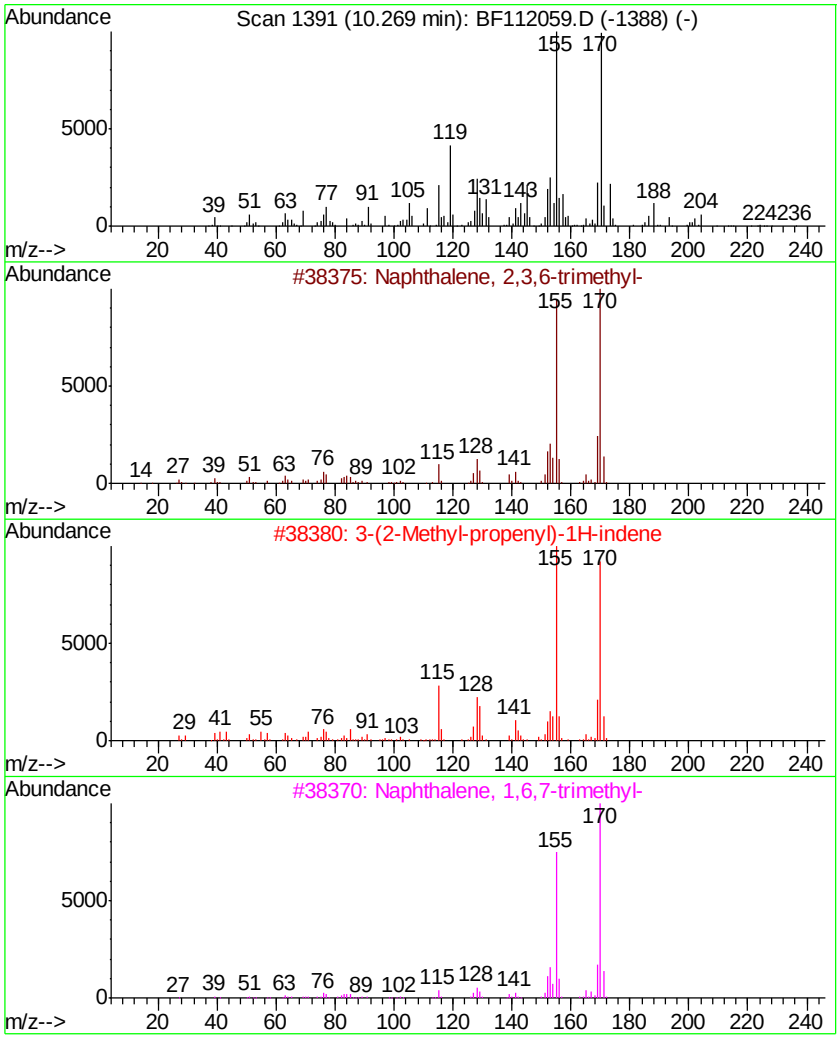
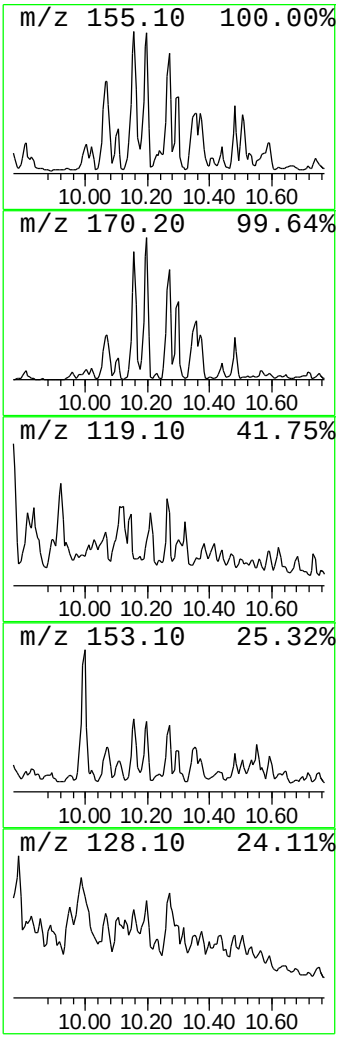
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	33.10 ng	3493540	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





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Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

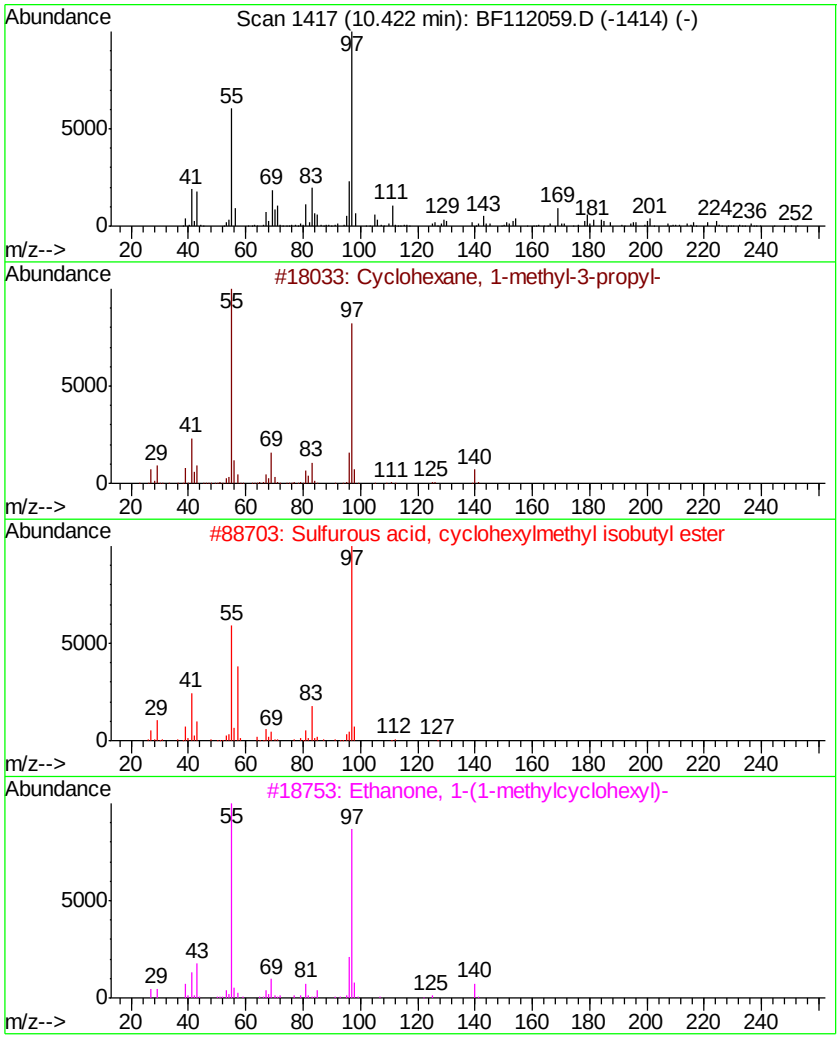
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

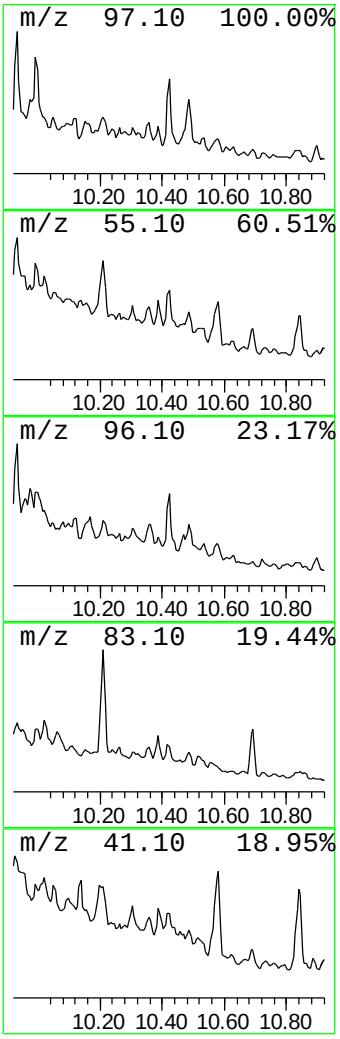
****

Peak Number 6 Cyclohexane, 1-methyl-3-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	32.03 ng	3380150	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	46
2	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	38
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	38
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	38
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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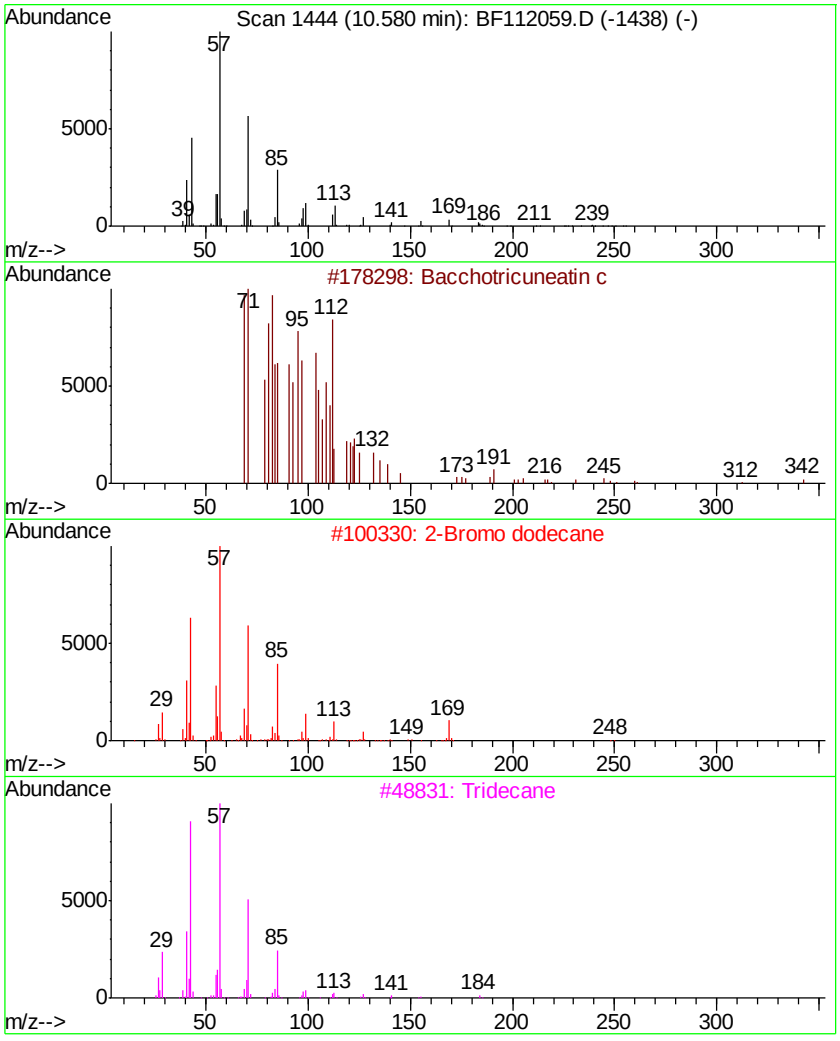
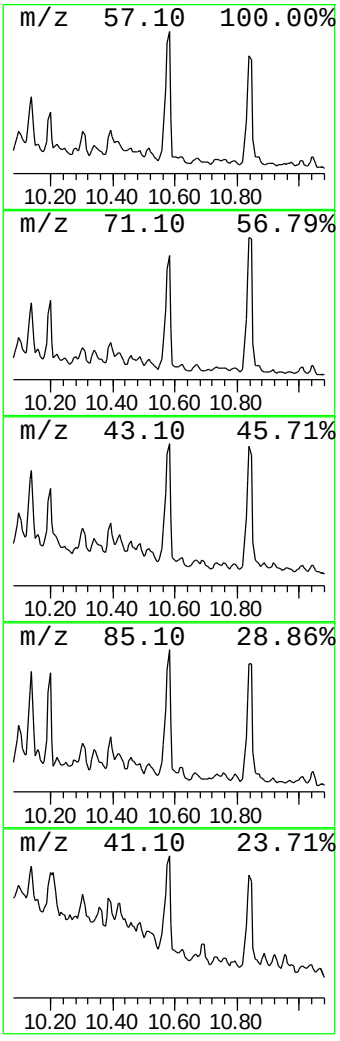
Peak Number 7 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	87.00 ng	9181500	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Tridecane	184	C13H28	000629-50-5	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





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Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

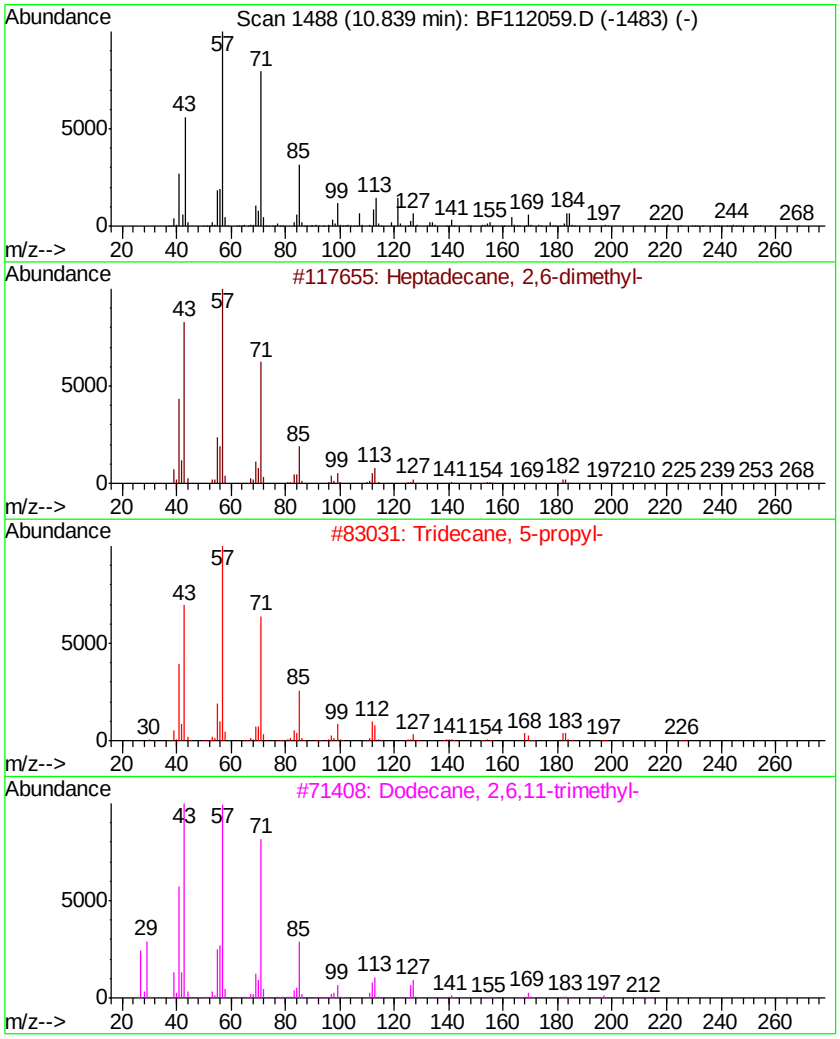
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

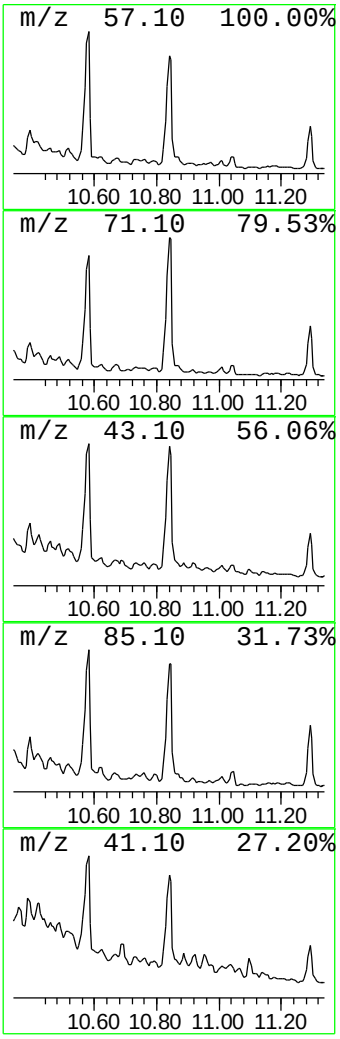
****

Peak Number 8 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	162.43 ng	8483450	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Sample : K1135-01
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ClientSampleId : CPSB-19(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

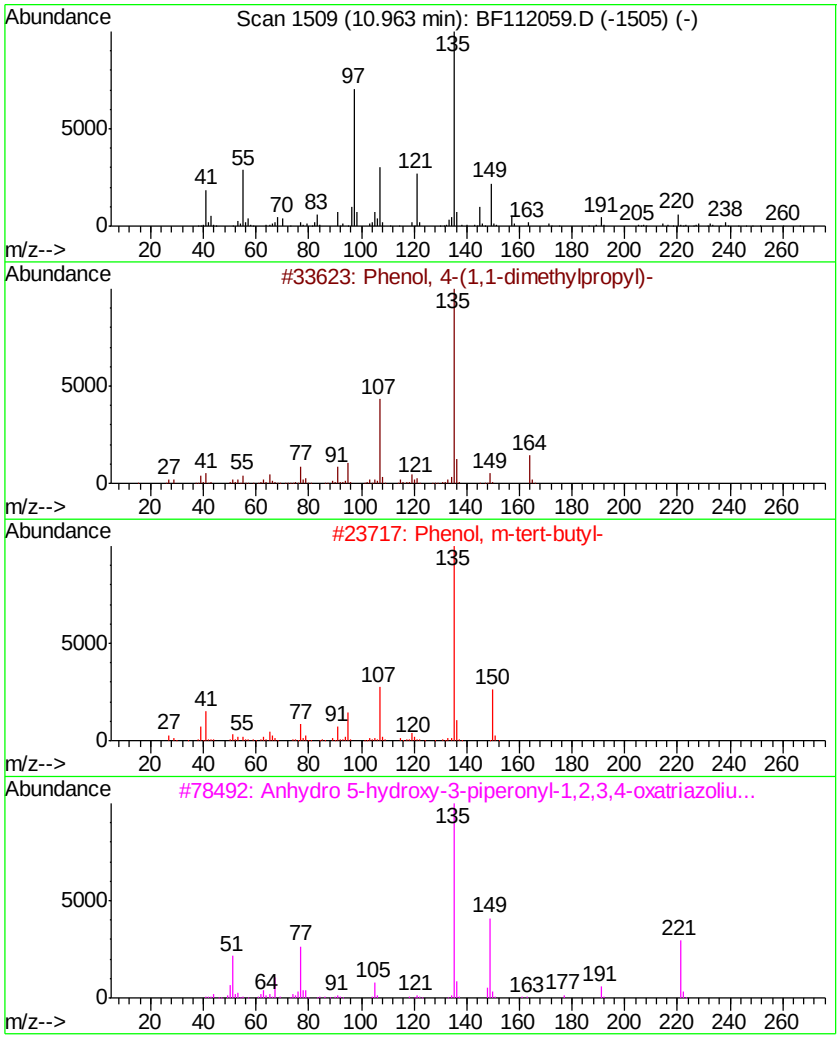
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

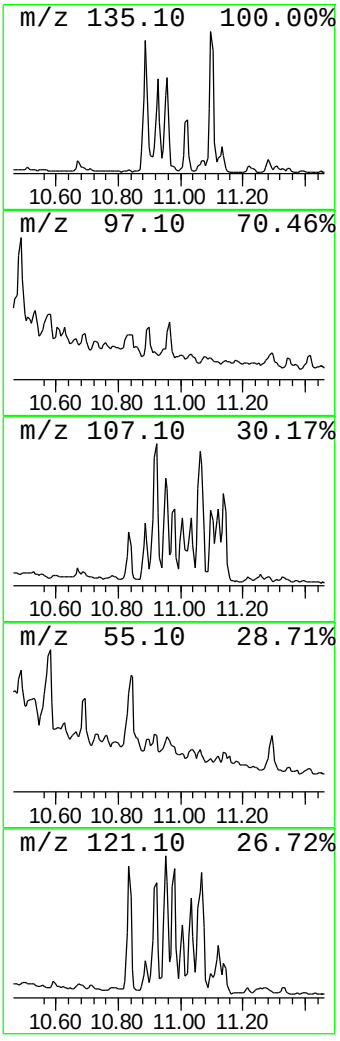
****

Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	41.83 ng	2184830	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58
3	Anhydro 5-hydroxy-3-piperonyl-1,...	221	C9H7N3O4	1000256-56-5	53
4	Benzeneacetonitrile, 2-fluoro-	135	C8H6FN	000326-62-5	50
5	Hexestrol	270	C18H22O2	000084-16-2	50





Library Search Compound Report

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Data File : BF112059.D
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Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

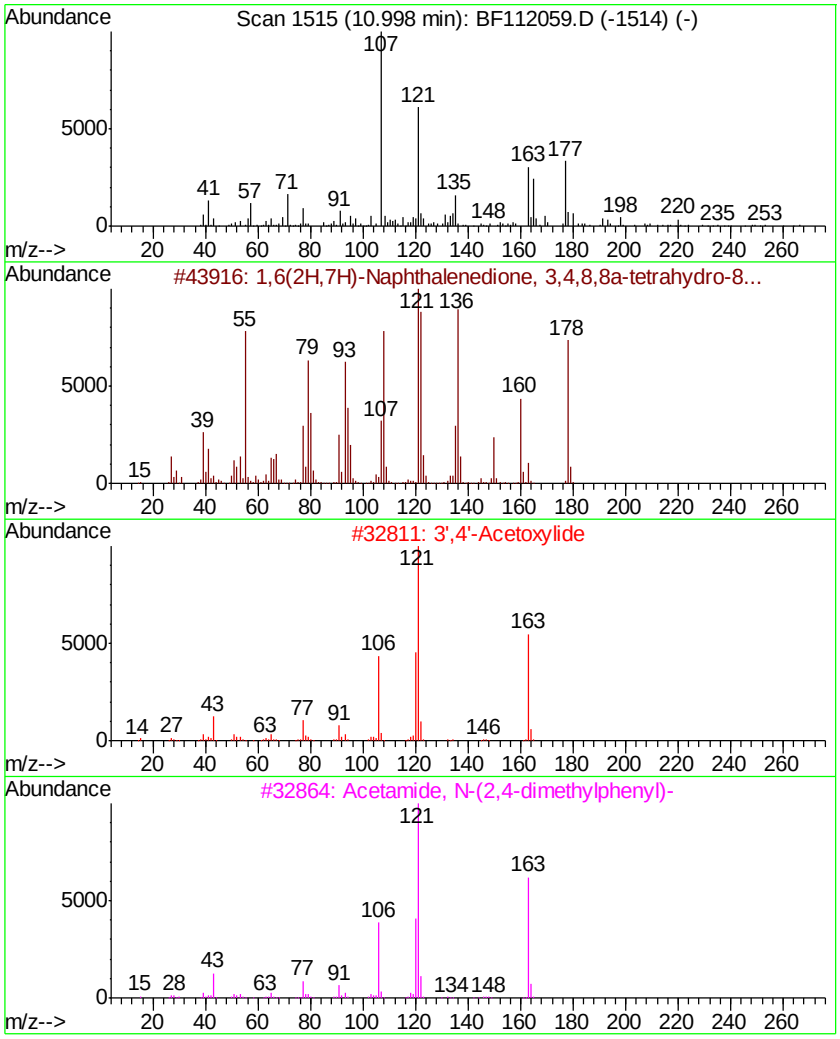
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

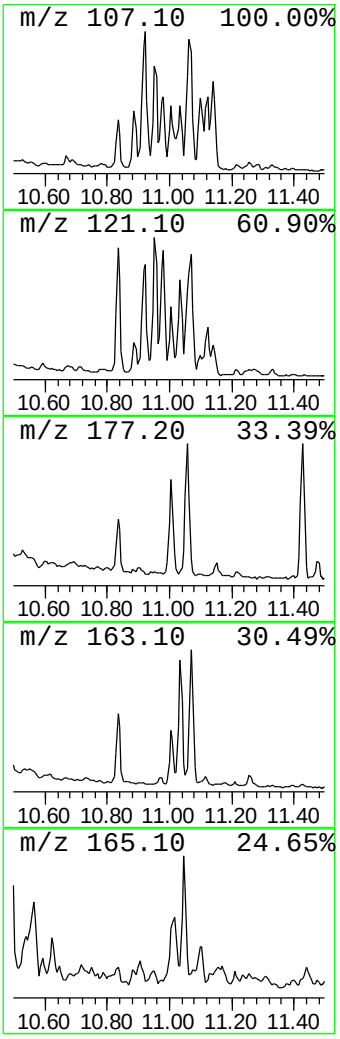
****

Peak Number 12 unknown11.00 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	32.60 ng	1702730	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6(2H,7H)-Naphthalenedione, 3,4...	178	C11H14O2	020007-72-1	38
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	30
3	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	27
4	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	27
5	4-Aminobutyramide, N-methyl-N-[4...	237	C13H23N3O	124045-56-3	25





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Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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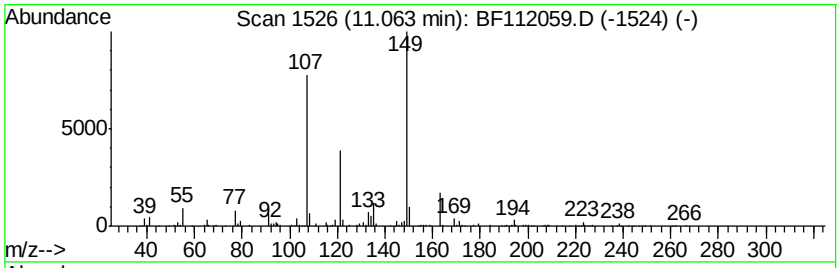
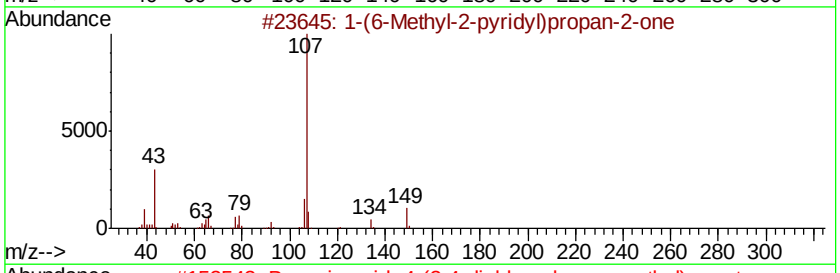
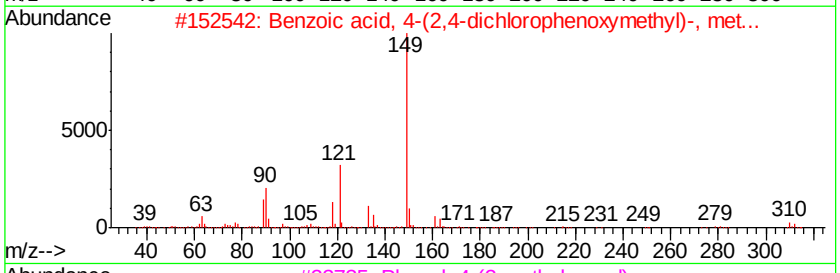
Peak Number 13 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 15

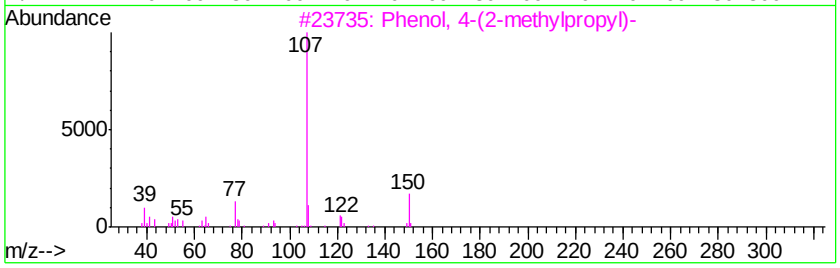
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	31.89 ng	1665620	Phenanthrene-d10	11.40

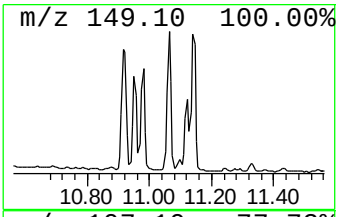
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	50
2	Benzoic acid, 4-(2,4-dichlorophe...	310	C15H12Cl2O3	1000294-38-1	37
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	35
4	Diamyl phthalate	306	C18H26O4	000131-18-0	35
5	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	35

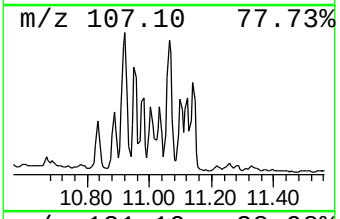


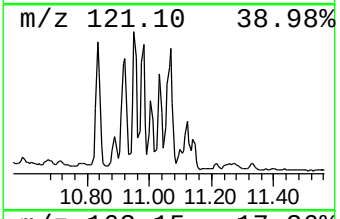


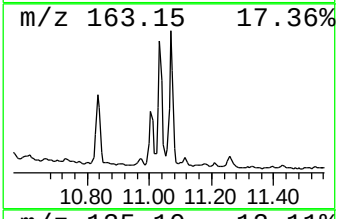


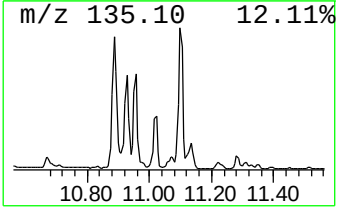












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Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

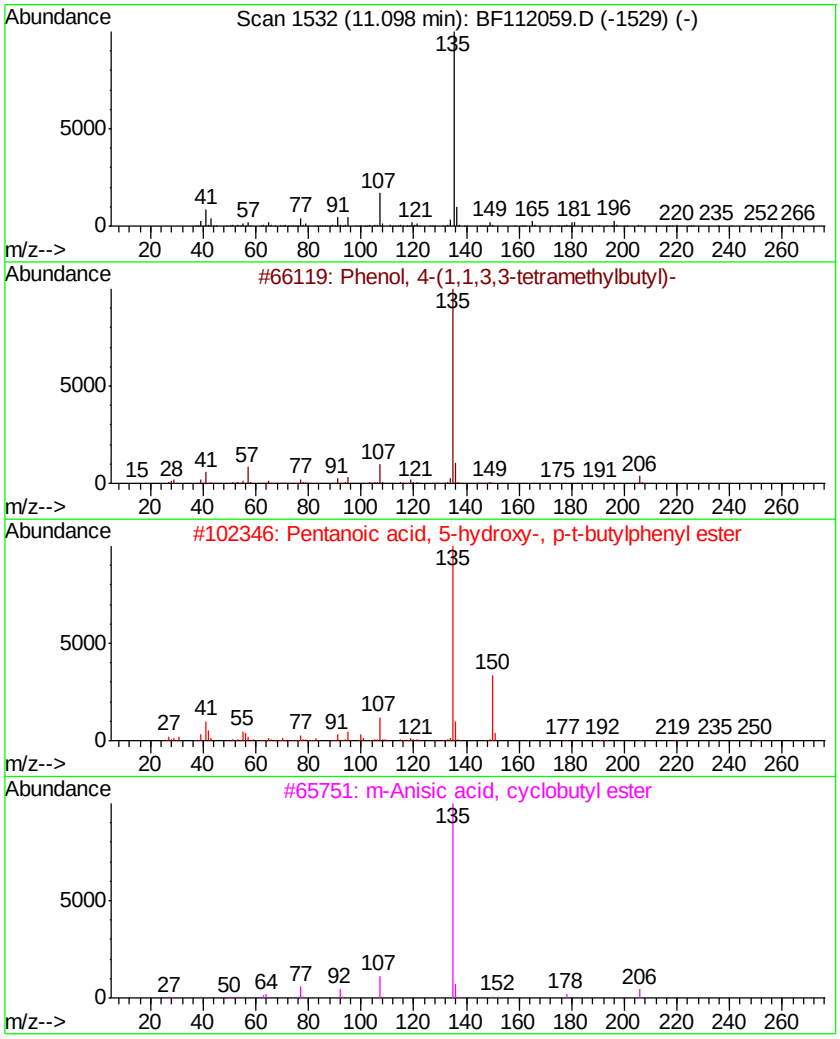
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

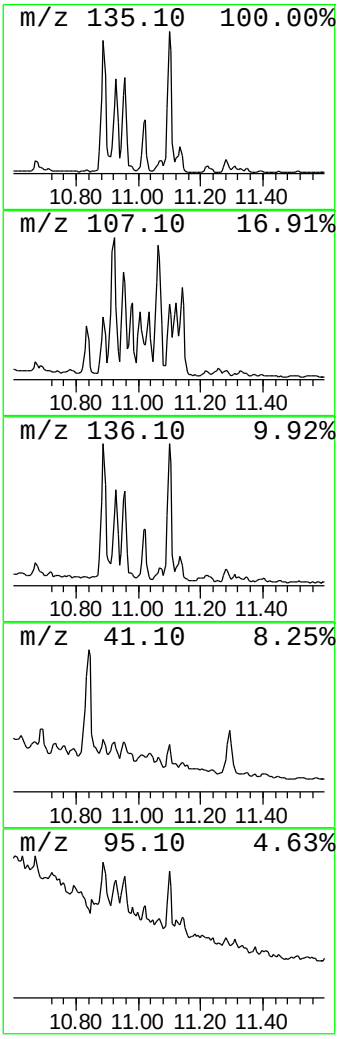
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	30.45 ng	1590330	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
4	Benzoic acid, 4-methoxy-, methyl...	166	C9H10O3	000121-98-2	50
5	m-Anisic acid, 4-cyanophenyl ester	253	C15H11NO3	1000307-80-2	50





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Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

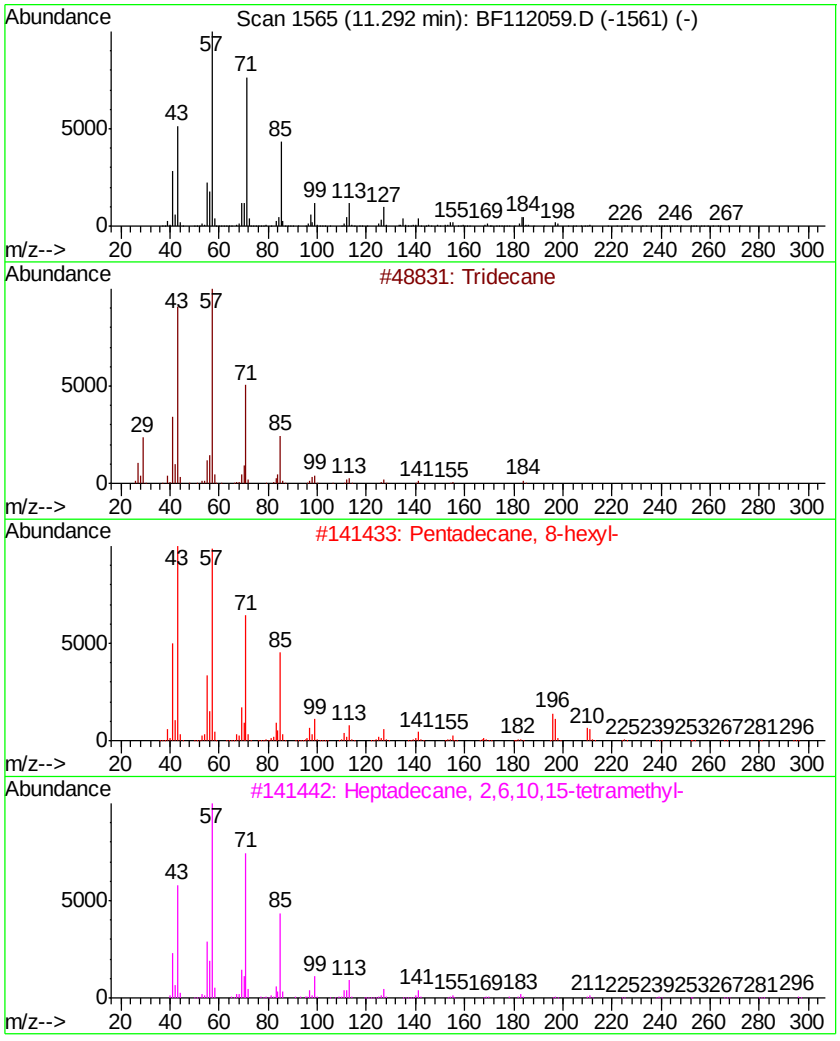
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

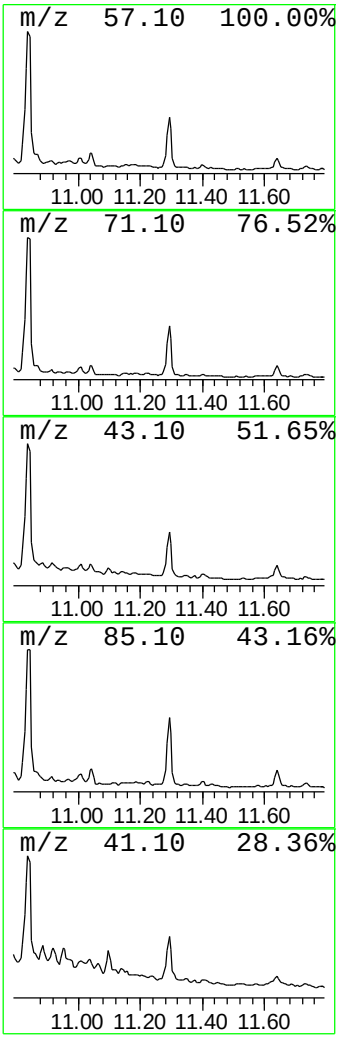
****

Peak Number 15 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	60.13 ng	3140680	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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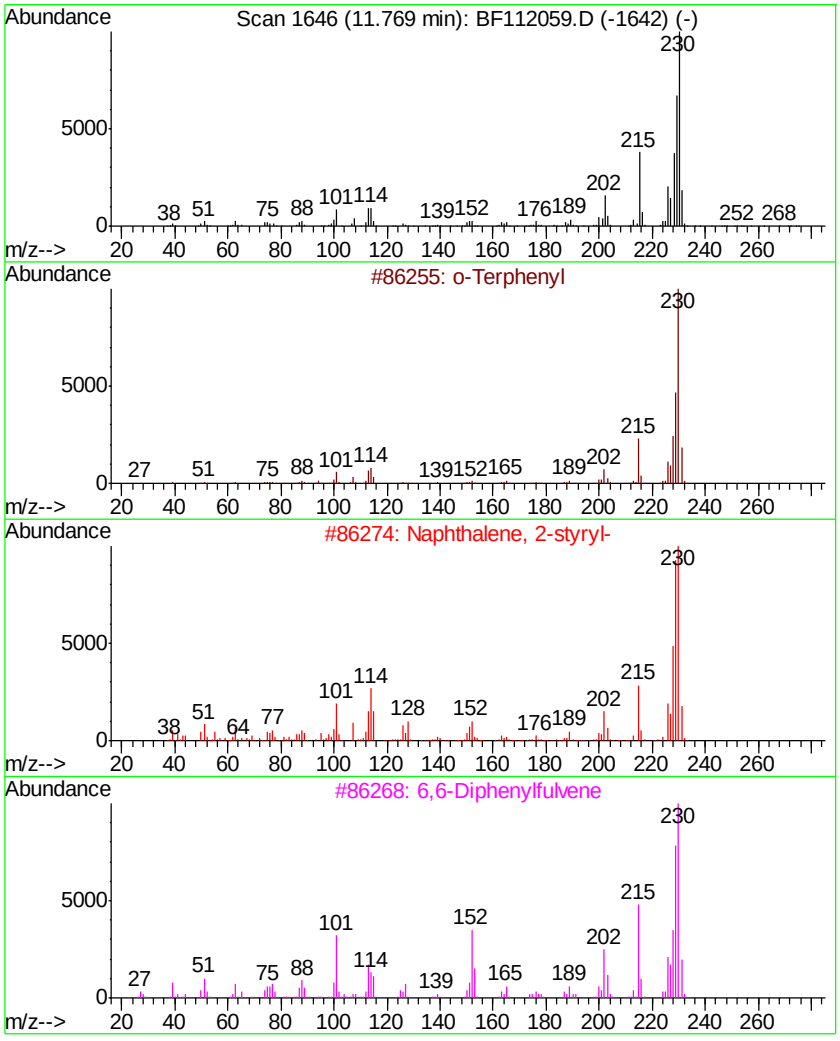
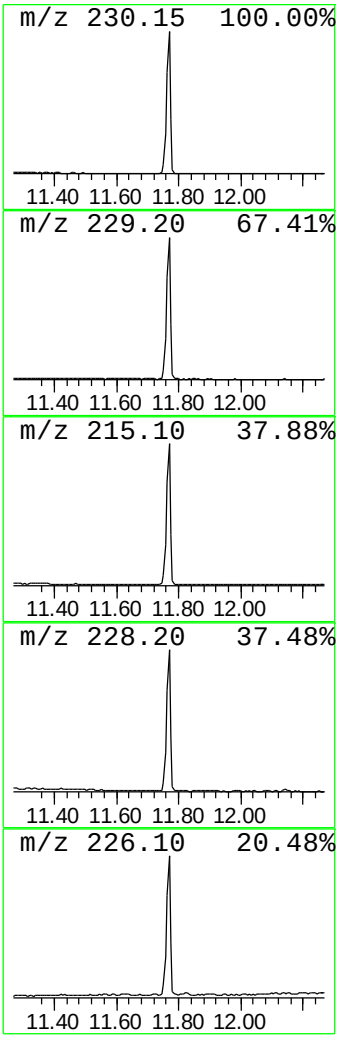
Peak Number 16 o-Terphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	46.22 ng	2413830	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	97
2	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	93
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	89
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	72
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	62





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Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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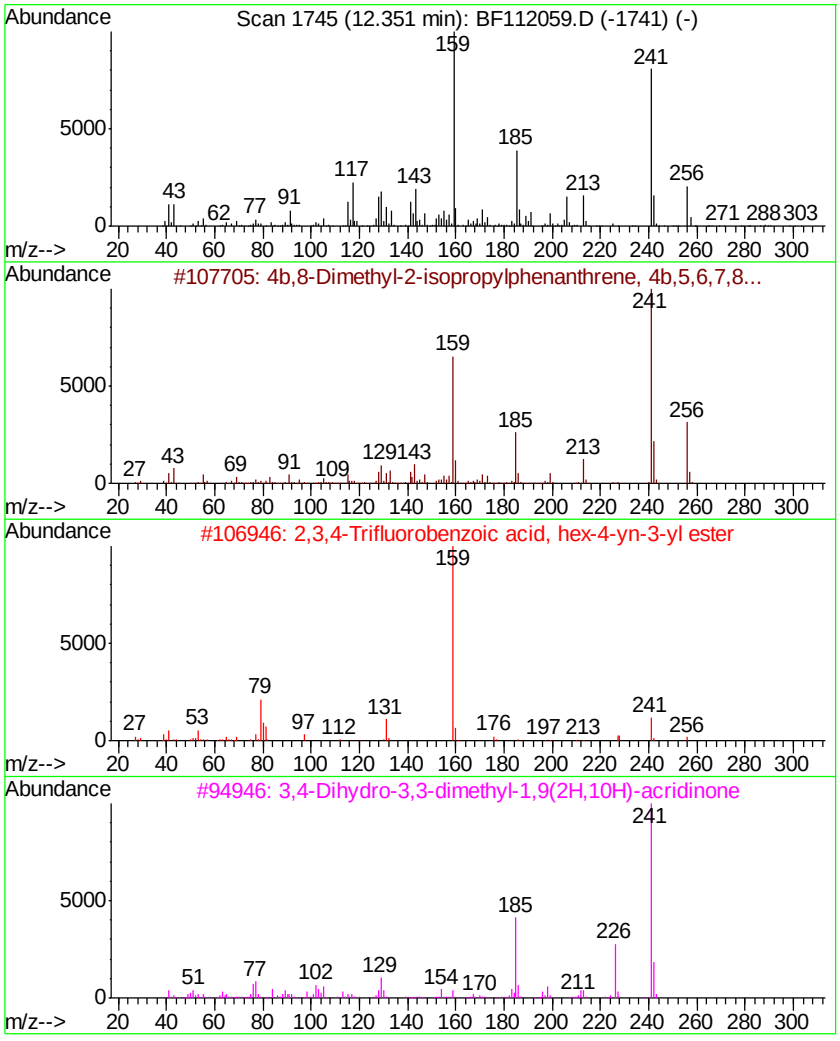
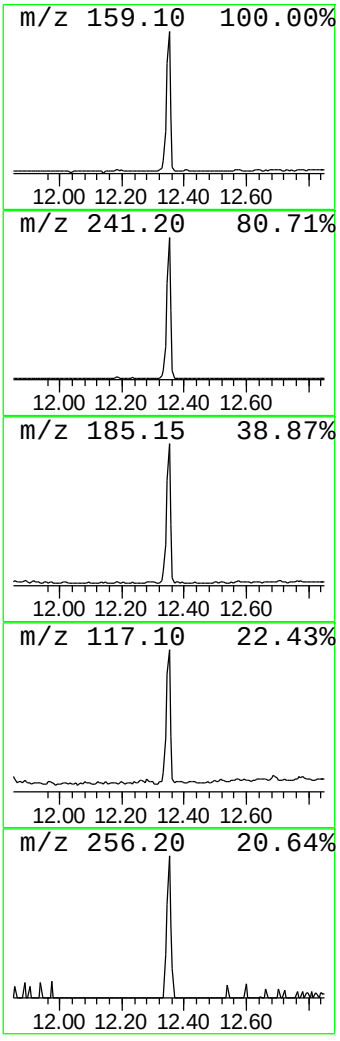
Peak Number 17 4b,8-Dimethyl-2-isopropylph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	31.90 ng	1665920	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	50
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	35
4	Silane, diethylbutoxy(2-fluoroph...	270	C14H23FO2Si	1000363-30-0	35
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	27





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Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

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

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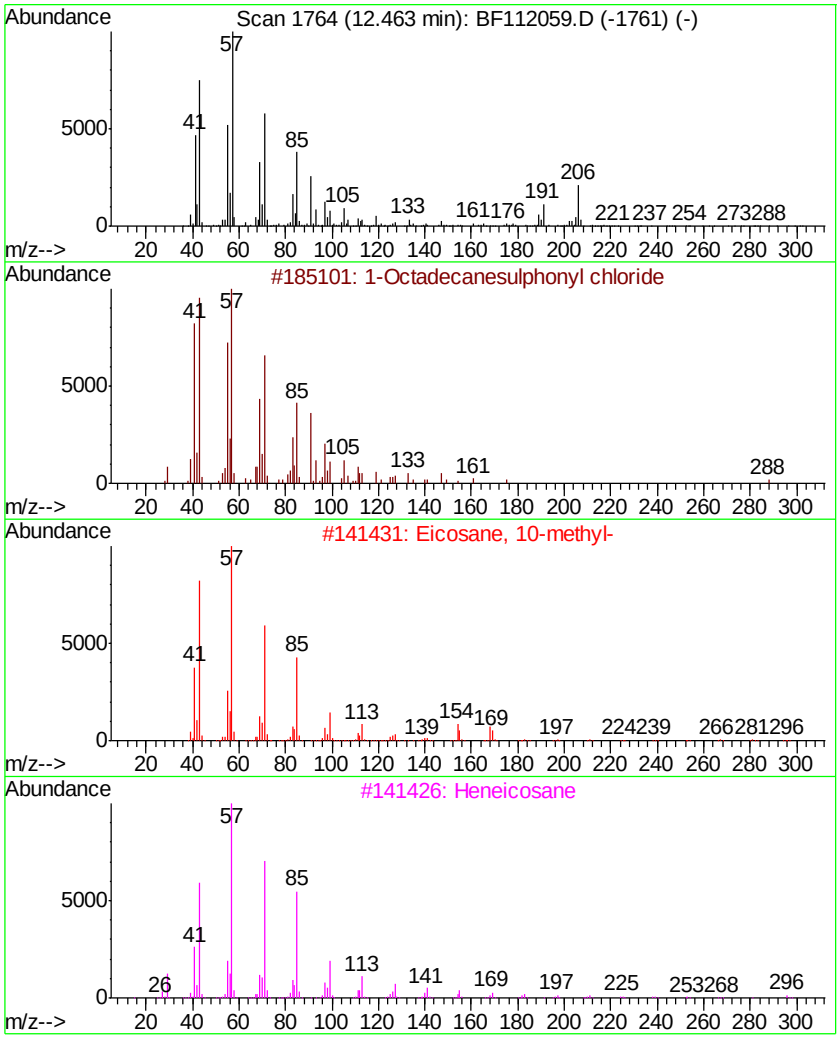
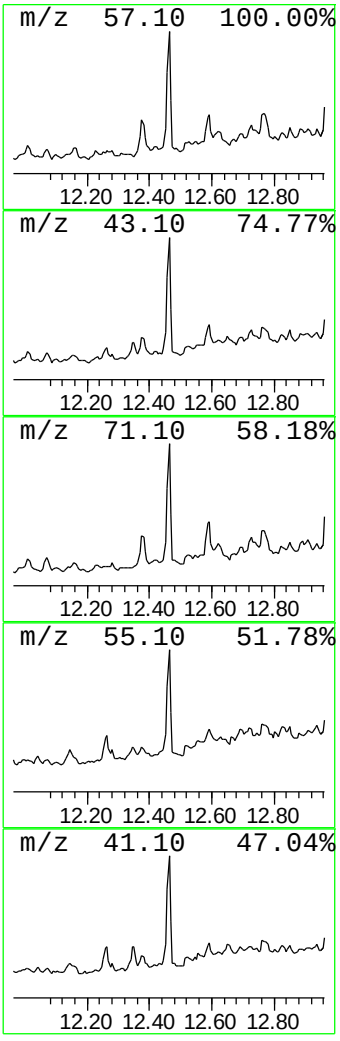
Peak Number 18 1-Octadecanesulphonyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	36.54 ng	1908200	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	70
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	60
3	Heneicosane	296	C21H44	000629-94-7	55
4	Nonadecane	268	C19H40	000629-92-5	49
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	49





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

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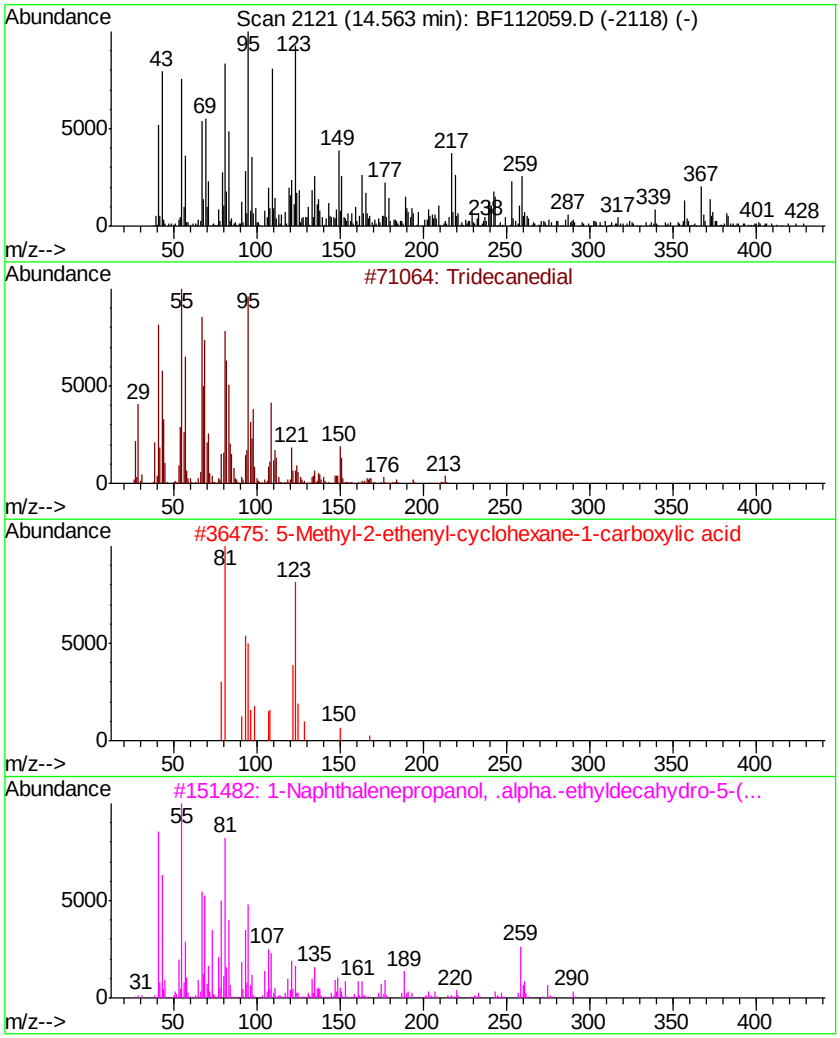
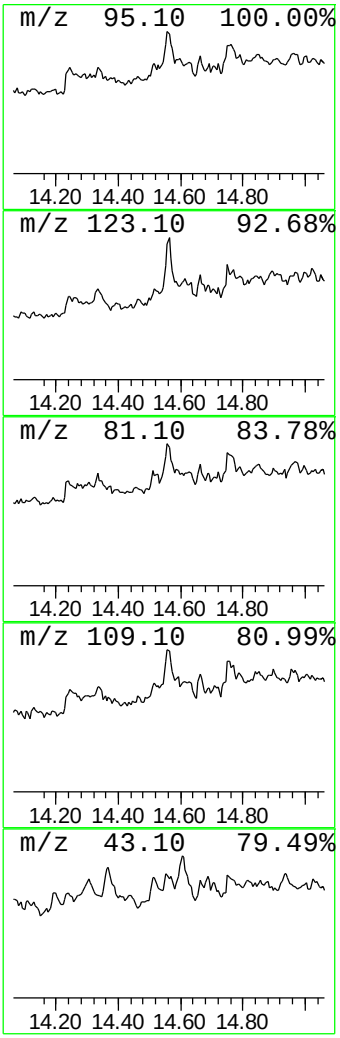
Peak Number 19 unknown14.56 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	27.83 ng	1100900	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanedial	212	C13H24O2	063521-76-6	43
2	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	42
3	1-Naphthalenepropanol, .alpha.-e...	308	C20H36O2	1000029-38-3	27
4	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	27
5	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

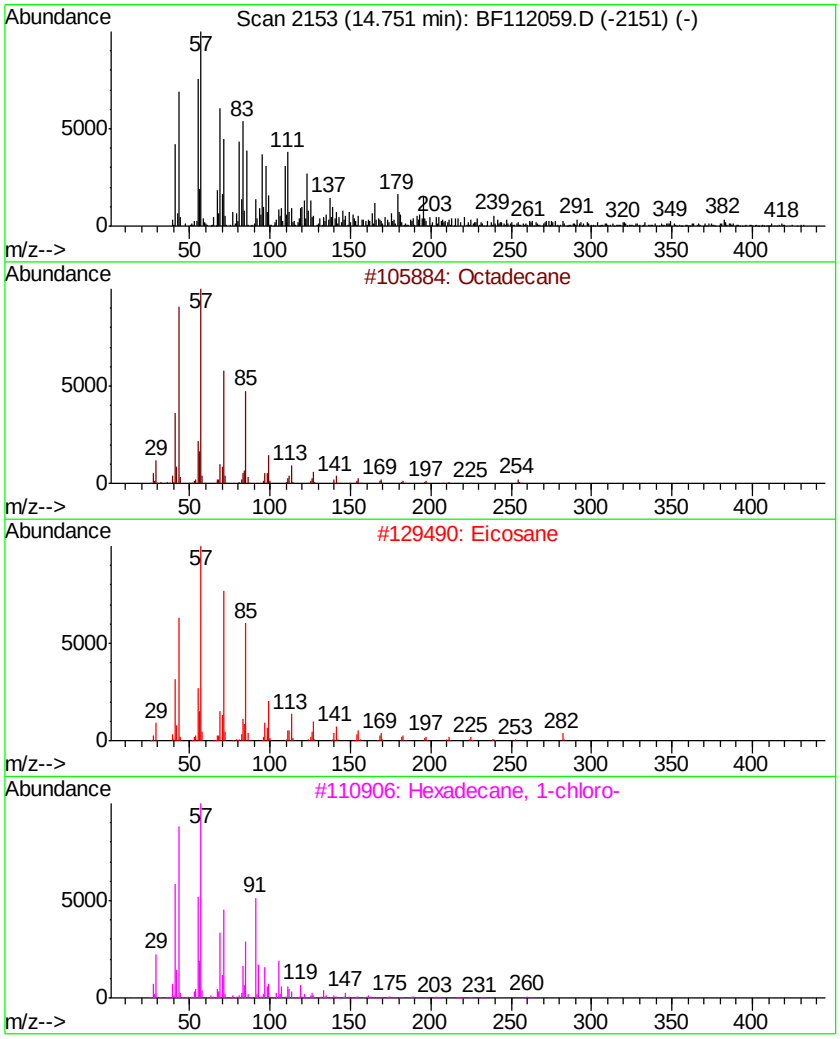
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

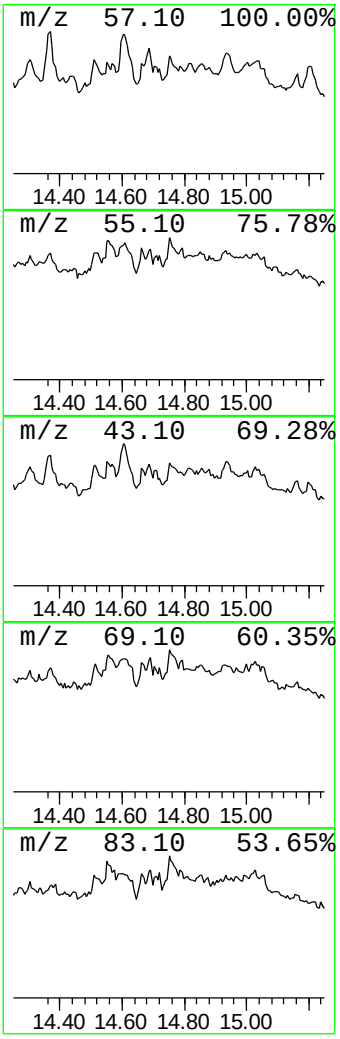
****

Peak Number 20 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	29.52 ng	1168020	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	70
2	Eicosane	282	C20H42	000112-95-8	55
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	55
4	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	53
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-19(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.66	6.66	31.4	ng	22028000	1	6.88	14030800	20.0
unknown10.10	10.10	27.2	ng	2872070	3	9.96	2110780	20.0
Naphthalene, 1,6,...	10.20	72.6	ng	7662290	3	9.96	2110780	20.0
Naphthalene, 2,3,...	10.27	33.1	ng	3493540	3	9.96	2110780	20.0
Cyclohexane, 1-me...	10.42	32.0	ng	3380150	3	9.96	2110780	20.0
Bacchotricuneatin c	10.58	87.0	ng	9181500	3	9.96	2110780	20.0
Heptadecane, 2,6-...	10.84	162.4	ng	8483450	4	11.40	1044580	20.0
Phenol, 4-(1,1-di...	10.96	41.8	ng	2184830	4	11.40	1044580	20.0
unknown11.00	11.00	32.6	ng	1702730	4	11.40	1044580	20.0
1-(6-Methyl-2-pyr...	11.06	31.9	ng	1665620	4	11.40	1044580	20.0
Phenol, 4-(1,1,3,...	11.10	30.4	ng	1590330	4	11.40	1044580	20.0
Tridecane	11.29	60.1	ng	3140680	4	11.40	1044580	20.0
o-Terphenyl	11.77	46.2	ng	2413830	4	11.40	1044580	20.0
4b,8-Dimethyl-2-i...	12.35	31.9	ng	1665920	4	11.40	1044580	20.0
1-Octadecanesulph...	12.46	36.5	ng	1908200	4	11.40	1044580	20.0
unknown14.56	14.56	27.8	ng	1100900	5	14.04	791253	20.0
Octadecane	14.75	29.5	ng	1168020	5	14.04	791253	20.0