LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

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-BF012020.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	2.116	3	5	11	rVB	262388	265590	2.29%	0.177%
2	2.210	14	21	28	rVB	1349853	1920463	16.59%	1.281%
3	3.504	230	241	246	rBV4	46454	157005	1.36%	0.105%
4	3.651	262	266	274	rVB	83051	129244	1.12%	0.086%
5	3.998	321	325	331	rVB	97170	132118	1.14%	0.088%
6	5.110	506	514	524	rBV	1734363	2484630	21.46%	1.658%
7	5.510	574	582	586	rBV	8644668	10159167	87.75%	6.778%
8	5.728	614	619	629	rBV	666638	770509	6.66%	0.514%
9	6.428	734	738	744	rBV	932284	829825	7.17%	0.554%
10	6.516	744	753	756	rBV	9363069	10890763	94.07%	7.266%
11	6.657	772	777	780	rBV	10615305	10724957	92.63%	7.156%
12	6.722	782	788	792	rBV	625178	723277	6.25%	0.483%
13	6.763	792	795	801	rVB	322888	312241	2.70%	0.208%
14	6.881	812	815	819	rBV	2885096	2665119	23.02%	1.778%
15	7.039	838	842	846	rVB	8641379	8592475	74.21%	5.733%
16	7.145	855	860	866	rBV	466410	481517	4.16%	0.321%
17	7.281	878	883	886	rVB3	96643	134588	1.16%	0.090%
18	7.369	892	898	900	rBV4	64452	118309	1.02%	0.079%
19	7.445	904	911	914	rBV	6308384	6761744	58.40%	4.511%
20	7.498	916	920	925	rVV3	150130	246477	2.13%	0.164%
21	7.545	925	928	932	rVB	160673	141557	1.22%	0.094%
22	7.645	941	945	949	rBV3	145237	162476	1.40%	0.108%
23	7.716	954	957	959	rBV	178508	179687	1.55%	0.120%
24	7.739	959	961	967	rVB	942241	789958	6.82%	0.527%
25	7.916	987	991	994	rBV	278168	323321	2.79%	0.216%
26	7.986	1001	1003	1007	rVB3	127023	134284	1.16%	0.090%
27	8.163	1029	1033	1036	rBV	3365406	3383076	29.22%	2.257%
28	8.186	1036	1037	1040	rVB	1011540	537840	4.65%	0.359%
29	8.380	1066	1070	1073	rBV	488061	423962	3.66%	0.283%
30	8.439	1077	1080	1084	rBV	681804	550239	4.75%	0.367%
31	8.875	1150	1154	1160	rBV	724989	730050	6.31%	0.487%
32	8.975	1168	1171	1174	rVB2	239372	222144	1.92%	0.148%
33	9.163	1200	1203	1206	rVB	154556	153925	1.33%	0.103%
34	9.245	1211	1217	1220	rVB	11891392	11577844	100.00%	7.725%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.363	1235	1237	1240	rVB3	116805	126429	1.09%	0.084%
36	9.586	1271	1275	1277	rBV2	207051	229787	1.98%	0.153%
37	9.633	1280	1283	1290	rVB2	953728	1029690	8.89%	0.687%
38	9.780	1305	1308	1312	rBV	984188	865240	7.47%	0.577%
39	9.816	1312	1314	1319	rVB3	142533	157273	1.36%	0.105%
40	9.922	1328	1332	1336	rVB	3765094	3177078	27.44%	2.120%
41	10.122	1363	1366	1371	rVB	225906	211644	1.83%	0.141%
42	10.263	1387	1390	1396	rVB2	187077	180986	1.56%	0.121%
43	10.469	1422	1425	1432	rVB	340474	382898	3.31%	0.255%
44	10.710	1461	1466	1469	rBV	7018534	6350374	54.85%	4.237%
45	10.827	1483	1486	1493	rVB3	237522	333553	2.88%	0.223%
46	10.933	1502	1504	1509	rVB	138796	136187	1.18%	0.091%
47	11.021	1514	1519	1521	rBV2	93888	144441	1.25%	0.096%
48	11.210	1548	1551	1557	rBV2	238082	236744	2.04%	0.158%
49	11.280	1559	1563	1565	rVV2	238052	288874	2.50%	0.193%
50	11.304	1565	1567	1574	rVB2	457867	461884	3.99%	0.308%
51	11.410	1581	1585	1587	rBV	2833967	2937071	25.37%	1.960%
52	11.433	1587	1589	1592	rVV	2421751	1928219	16.65%	1.287%
53	11.480	1592	1597	1600	rVB	706593	638889	5.52%	0.426%
54	11.633	1619	1623	1625	rBV	234707	258588	2.23%	0.173%
55	11.704	1632	1635	1638	rVB	381126	293600	2.54%	0.196%
56	11.739	1638	1641	1644	rBV	199037	161144	1.39%	0.108%
57	11.910	1666	1670	1672	rBV	386569	421462	3.64%	0.281%
58	11.939	1672	1675	1679	rVB	1565984	1398282	12.08%	0.933%
59	12.021	1685	1689	1691	rBV2	550227	603676	5.21%	0.403%
60	12.110	1702	1704	1707	rVB	283940	225209	1.95%	0.150%
61	12.204	1718	1720	1722	rBV	249101	182273	1.57%	0.122%
62	12.392	1749	1752	1758	rVB3	201981	349412	3.02%	0.233%
63	12.457	1761	1763	1766	rVV2	410141	434837	3.76%	0.290%
64	12.498	1768	1770	1773	rVV2	358078	384570	3.32%	0.257%
65	12.545	1775	1778	1782	rVB2	235459	261081	2.26%	0.174%
66	12.621	1787	1791	1794	rBV	3572734	3043476	26.29%	2.031%
67	12.715	1804	1807	1811	rBV	921742	1008856	8.71%	0.673%
68	12.774	1814	1817	1824	rVB3	280056	386660	3.34%	0.258%
69	12.851	1824	1830	1833	rBV	3735905	3466255	29.94%	2.313%
70	12.992	1850	1854	1858	rVB	9571879	9368196	80.91%	6.250%
71	13.174	1879	1885	1888	rBV2	393484	673830	5.82%	0.450%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.280	1901	1903	1911	rVB2	389550	422776	3.65%	0.282%
73	13.374	1917	1919	1922	rVB	292437	219053	1.89%	0.146%
74	13.404	1922	1924	1928	rBV2	303867	289679	2.50%	0.193%
75	13.686	1969	1972	1977	rVB3	662897	748867	6.47%	0.500%
76	13.827	1993	1996	1997	rBV	317770	290495	2.51%	0.194%
77	13.845	1997	1999	2003	rVV2	972868	900158	7.77%	0.601%
78	13.886	2003	2006	2013	rVV2	2672912	2654686	22.93%	1.771%
79	14.045	2029	2033	2036	rBV2	3556073	5045807	43.58%	3.367%
80	14.074	2036	2038	2043	rVB	1667979	1462391	12.63%	0.976%
81	14.333	2080	2082	2086	rBV3	329002	311819	2.69%	0.208%
82	14.468	2103	2105	2108	rVB2	447002	361240	3.12%	0.241%
83	14.521	2111	2114	2118	rVB2	1205574	1209279	10.44%	0.807%
84	15.092	2207	2211	2222	rVB	2174812	4650136	40.16%	3.103%
85	15.174	2223	2225	2228	rVV	494230	416654	3.60%	0.278%
86	15.404	2260	2264	2269	rVB	1322446	1683443	14.54%	1.123%
87	15.462	2270	2274	2278	rVV2	1606598	1936375	16.72%	1.292%
88	15.527	2281	2285	2288	rVV	1556872	1976861	17.07%	1.319%
89	15.562	2288	2291	2297	rVB3	760838	1109290	9.58%	0.740%
90	16.009	2364	2367	2371	rVB2	422710	503405	4.35%	0.336%
91	17.009	2533	2537	2549	rVB2	888243	1767538	15.27%	1.179%
92	17.456	2609	2613	2623	rVB	686815	1370414	11.84%	0.914%

Sum of corrected areas: 149879415

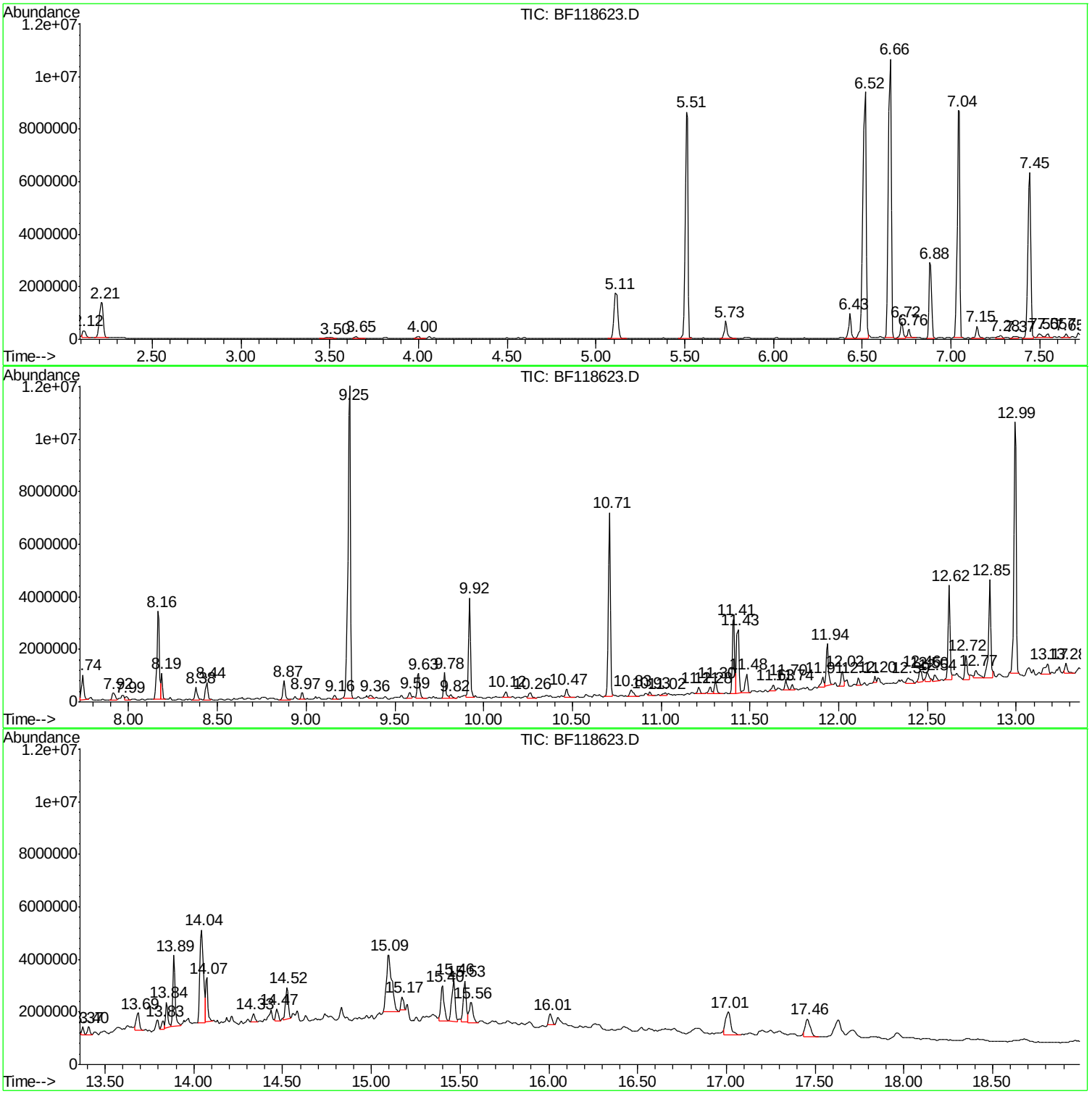
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

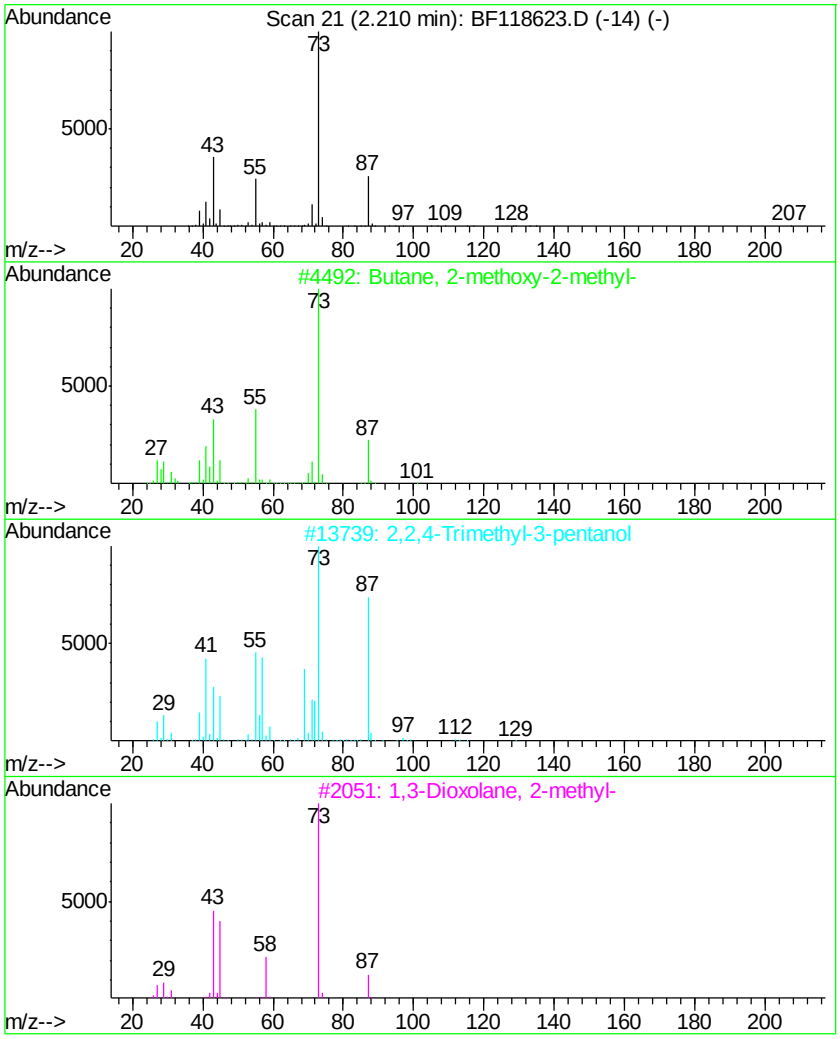
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

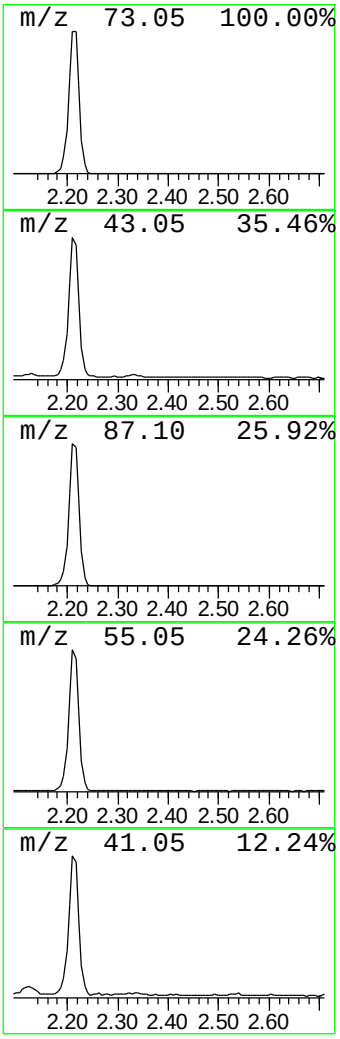
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	14.41 ng	1920460	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

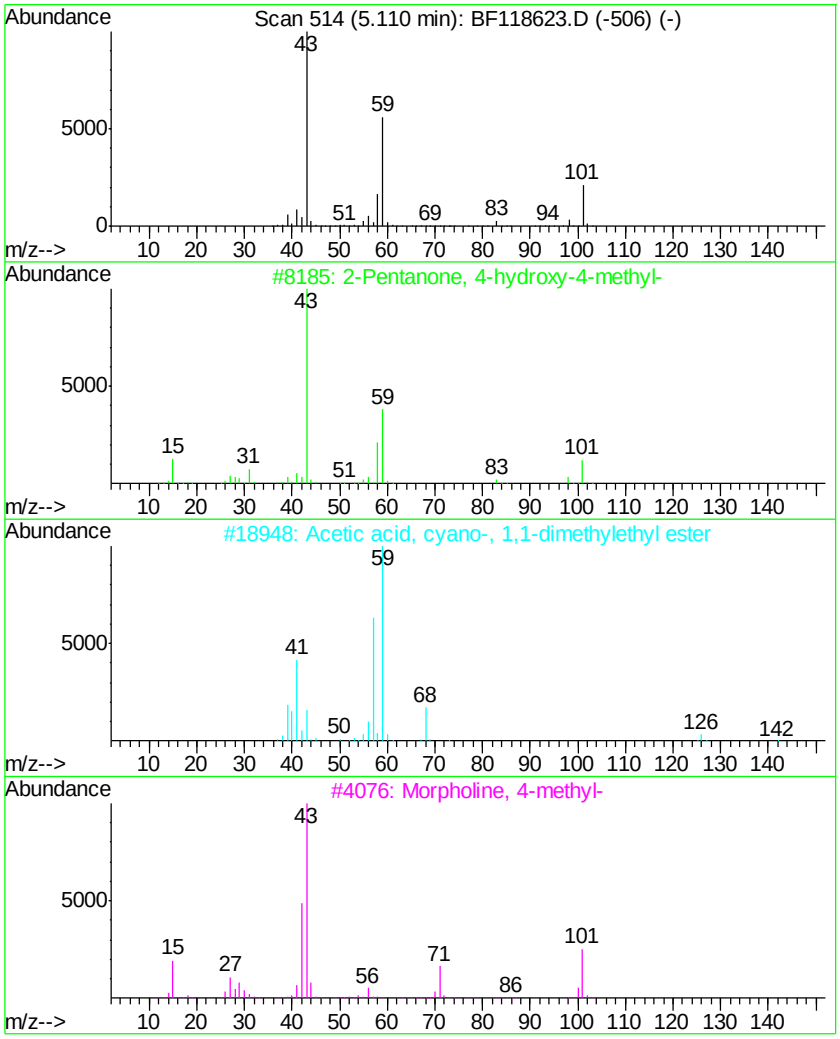
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

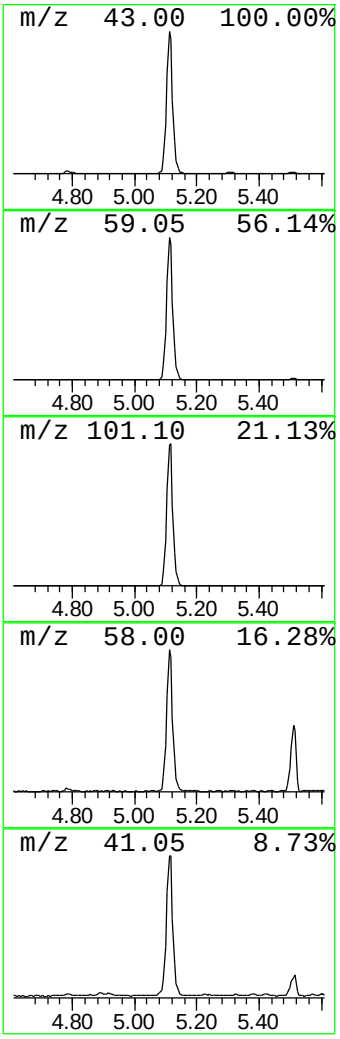
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	18.65 ng	2484630	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

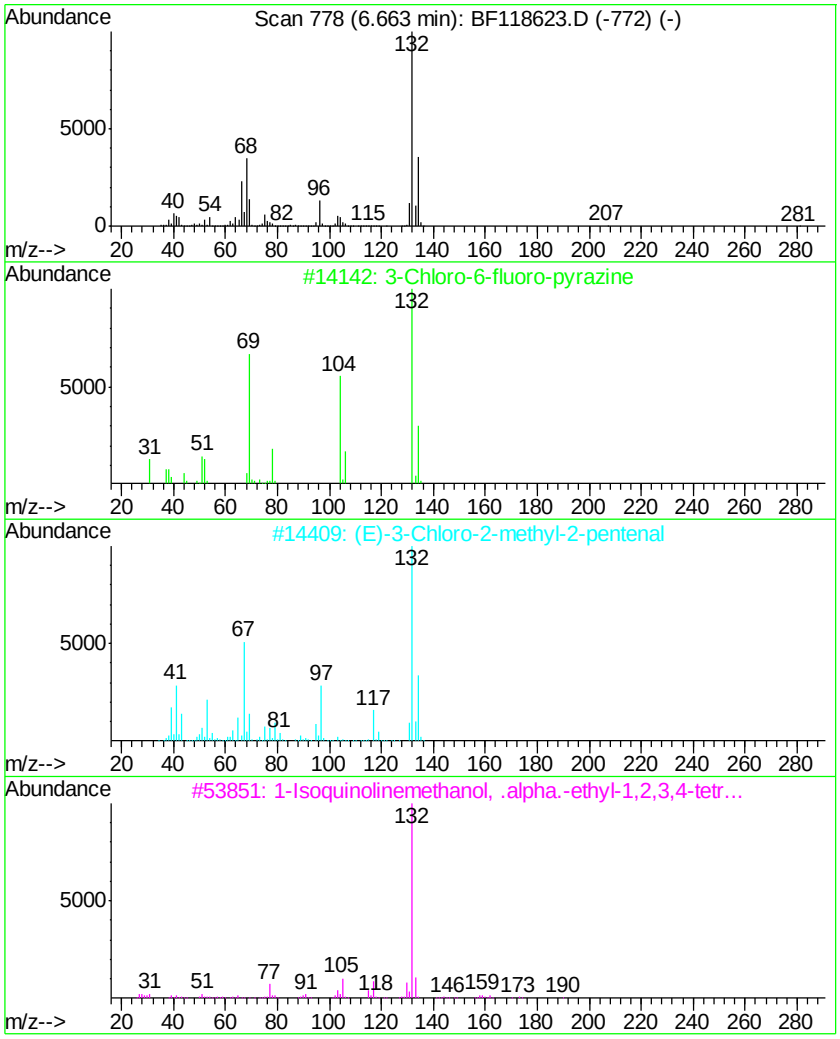
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

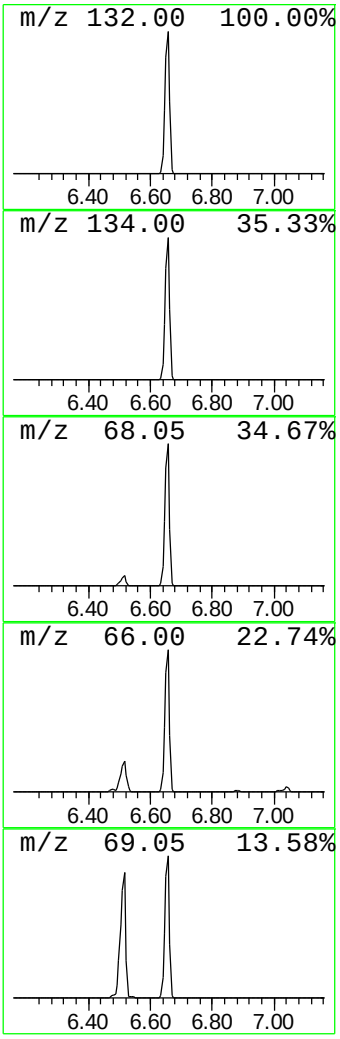
****

Peak Number 4 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	80.48 ng	10725000	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

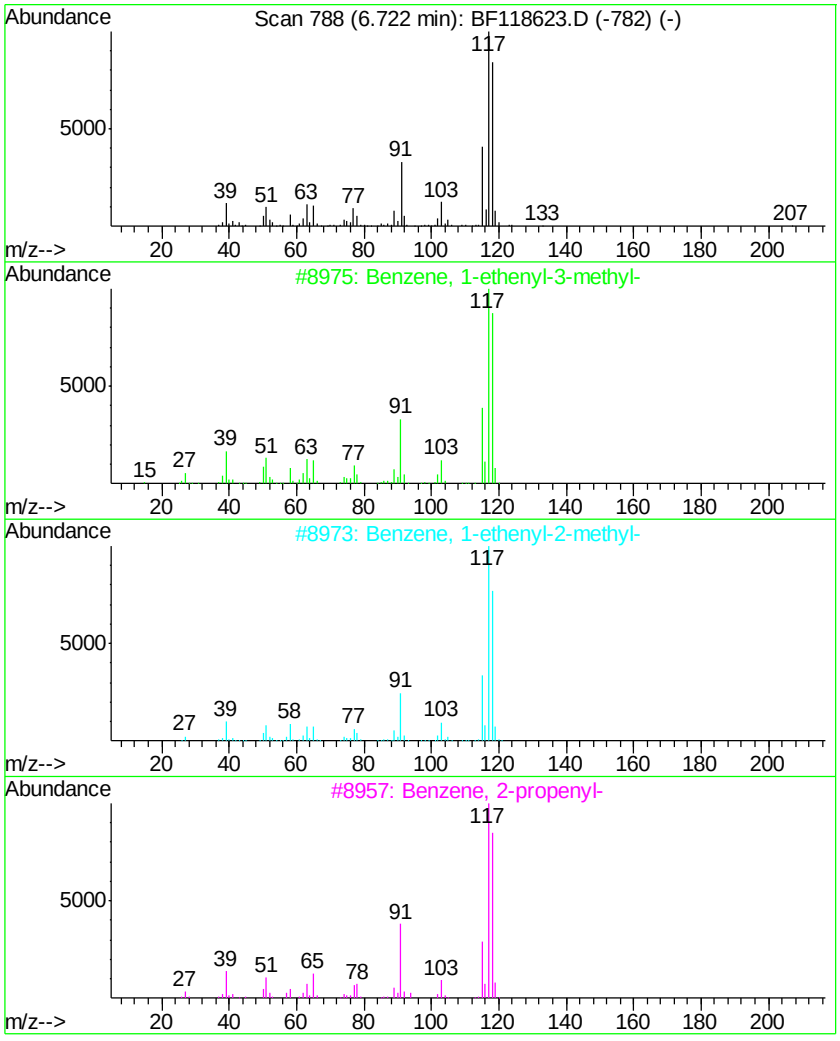
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

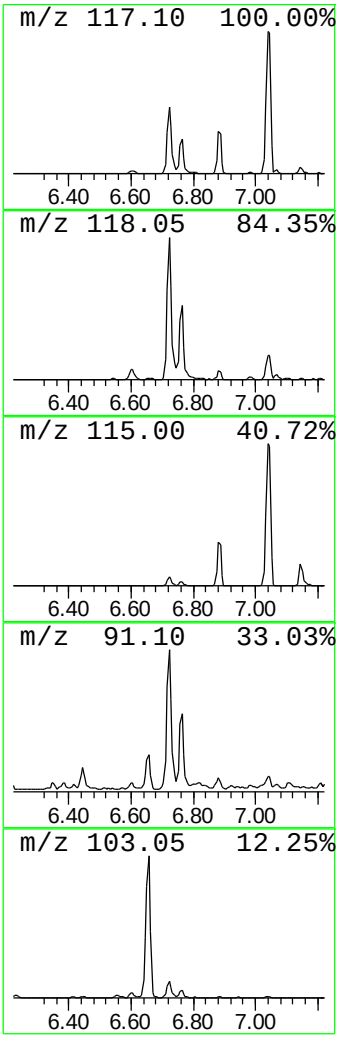
****

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	5.43 ng	723277	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

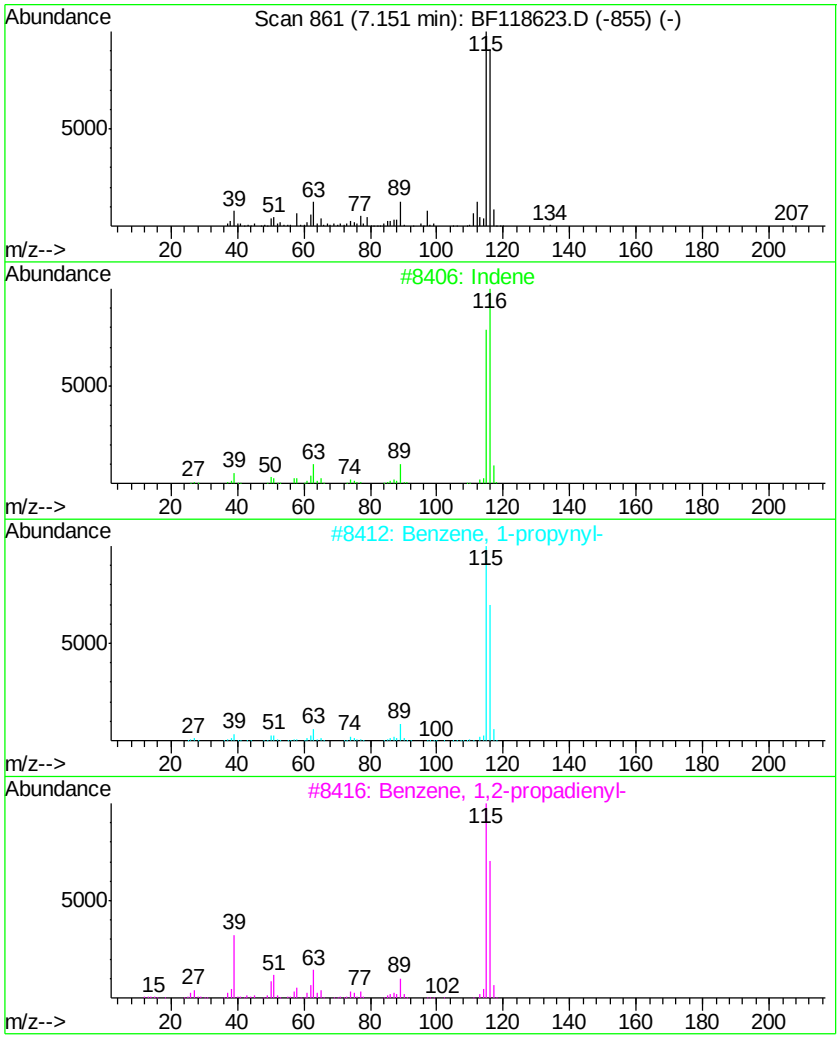
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

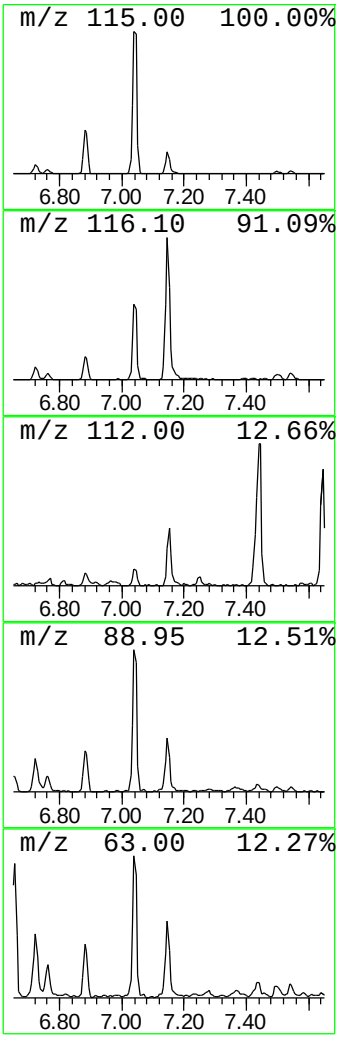
****

Peak Number 7 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	3.61 ng	481517	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118623.D
Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

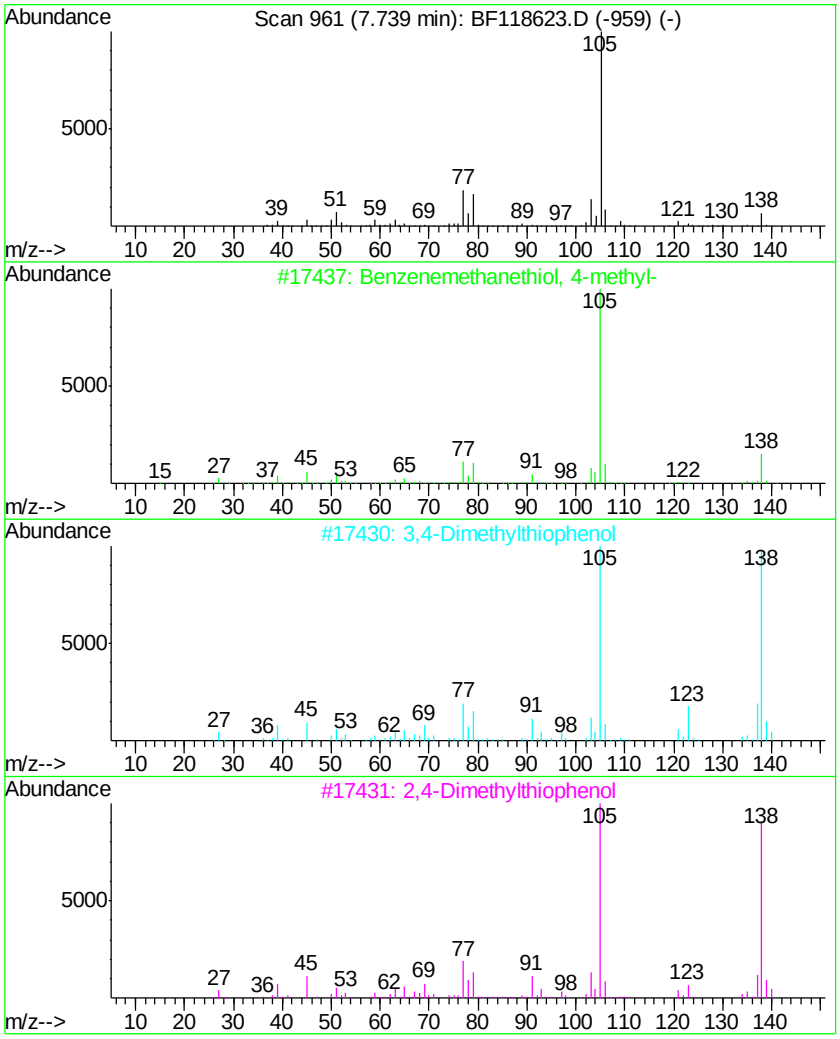
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

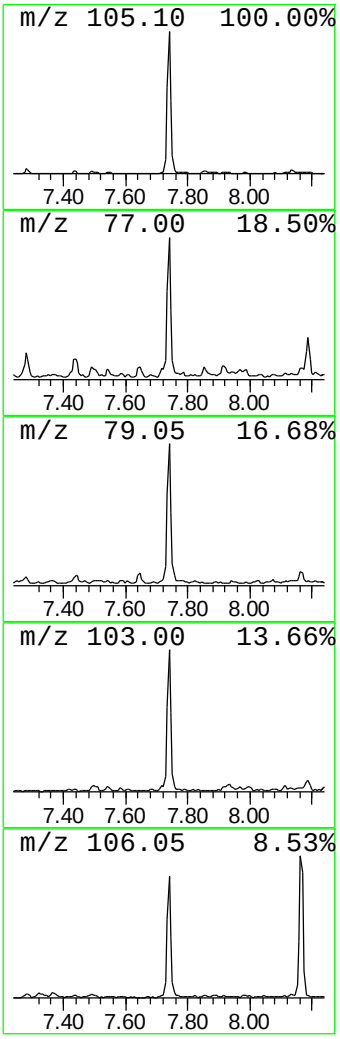
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzenemethanethiol, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	4.67 ng	789958	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
2	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	64
4	3,5-Dimethylthiophenol	138	C8H10S	038360-81-5	64
5	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64





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Acq On : 21 Jan 2020 7:35
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

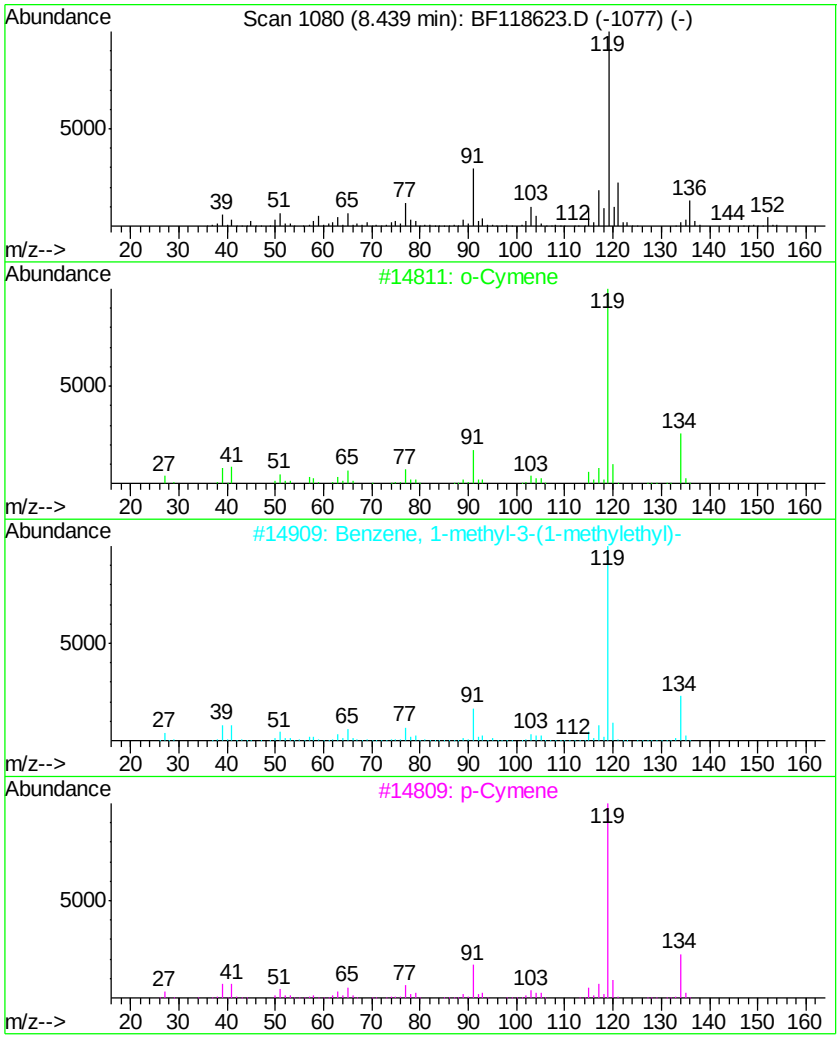
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

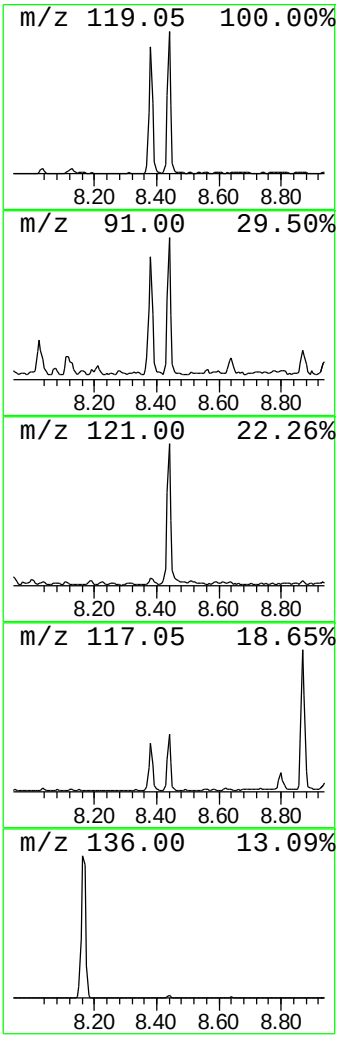
****

Peak Number 9 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	3.25 ng	550239	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	83
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3	p-Cymene	134	C10H14	000099-87-6	74
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
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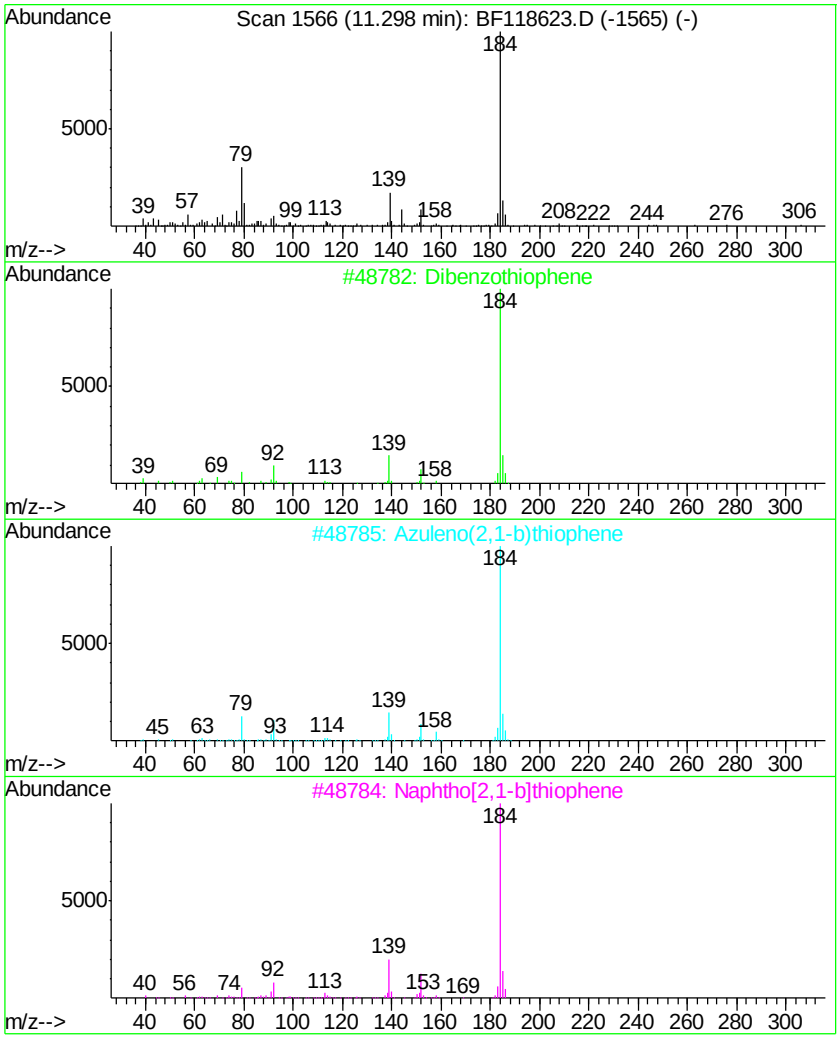
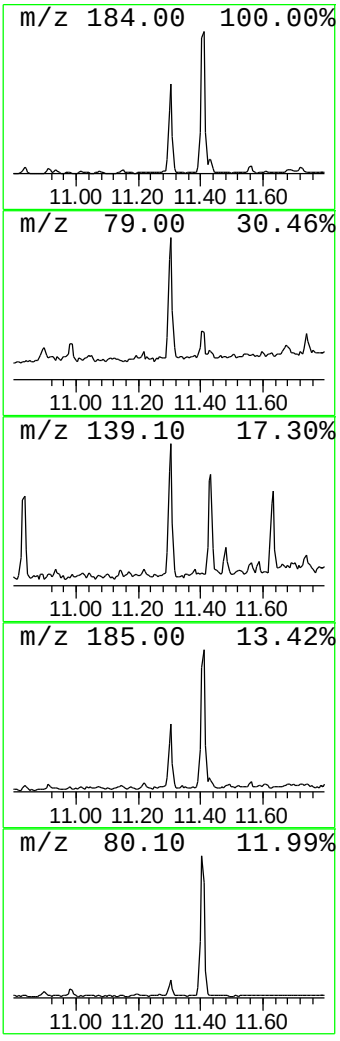
****

Peak Number 11 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.15 ng	461884	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	60





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

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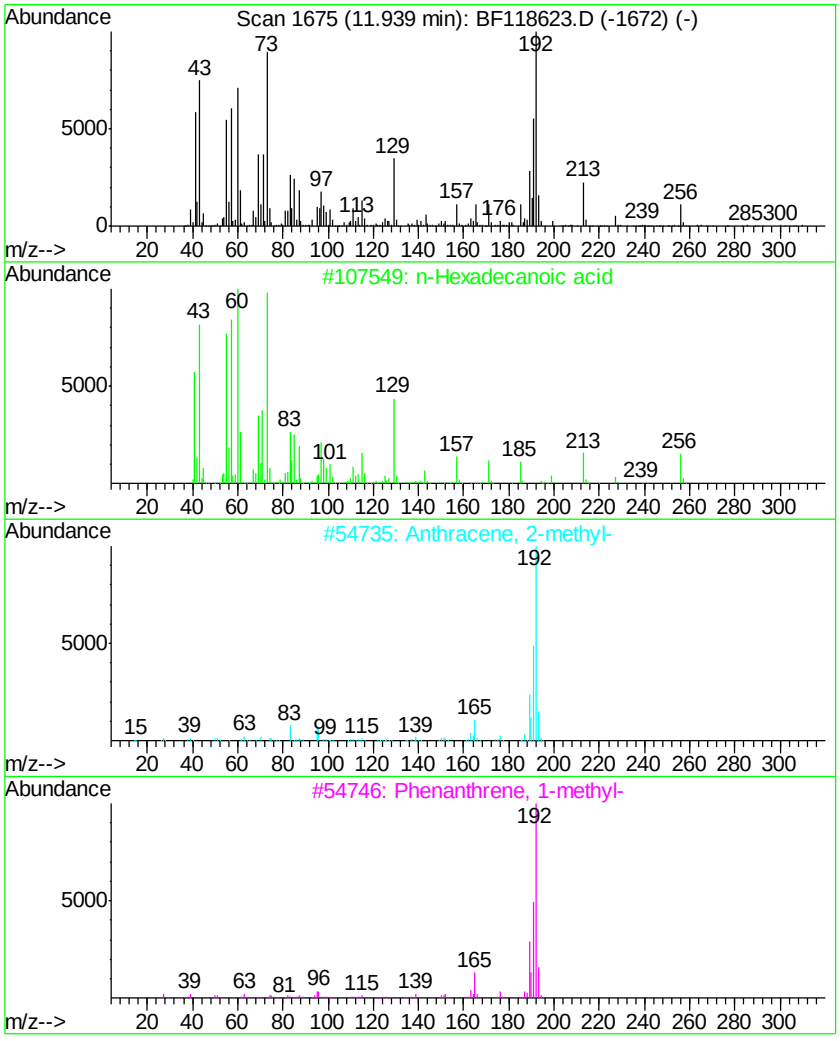
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

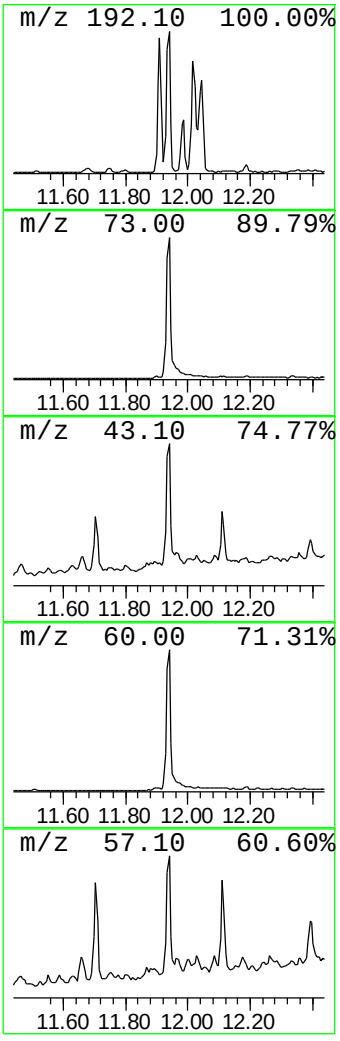
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	9.52 ng	1398280	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

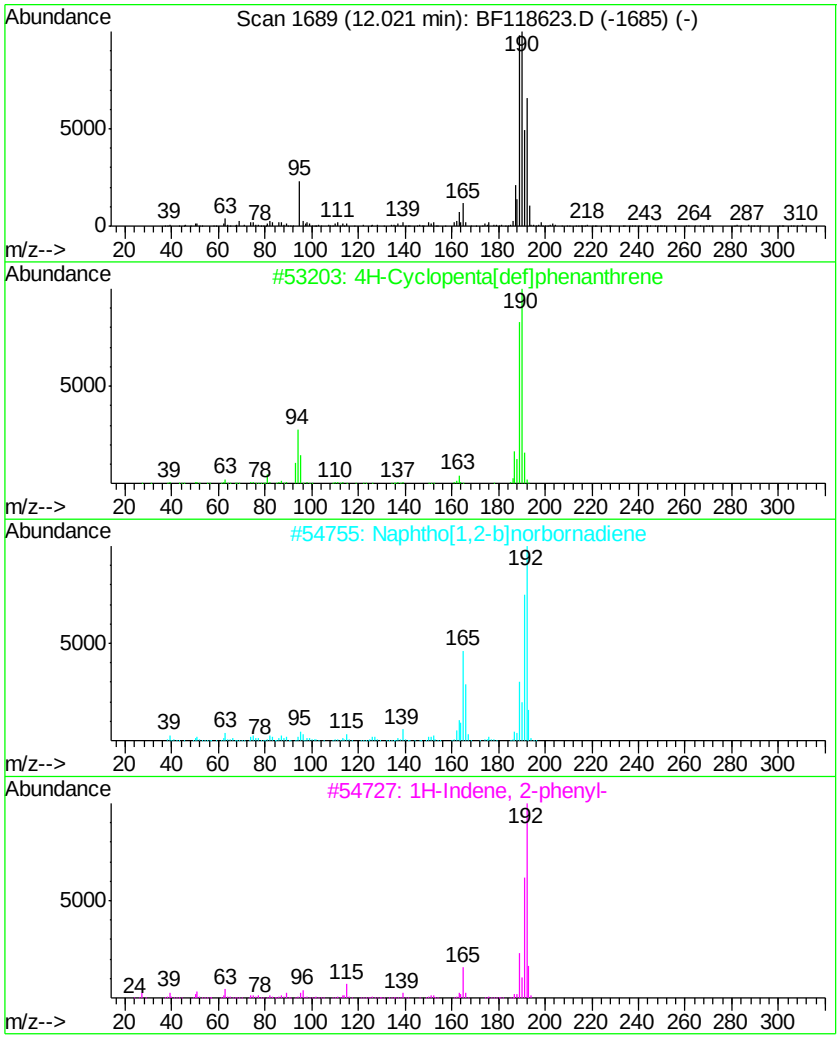
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

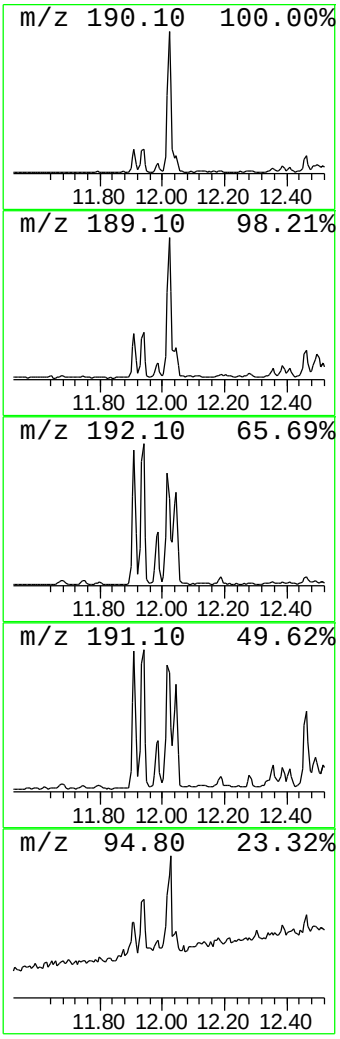
****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.11 ng	603676	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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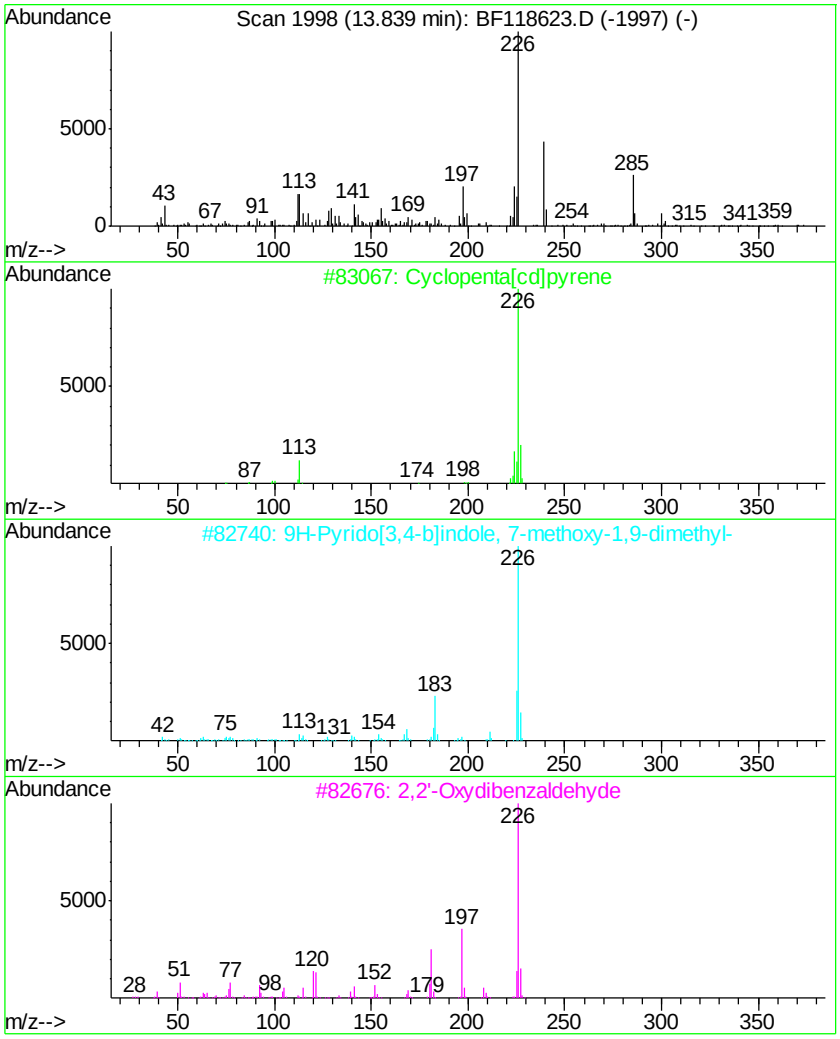
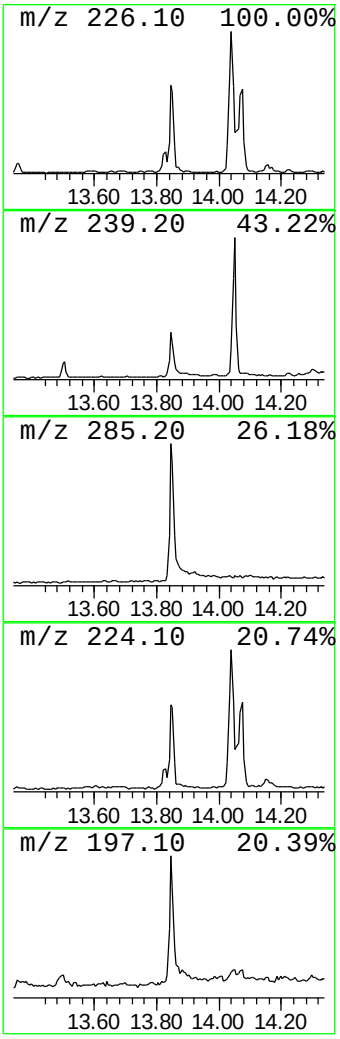
Peak Number 15 unknown13.84 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.57 ng	900158	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	45
2	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	43
3	2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	43
4	Anthralin	226	C14H10O3	001143-38-0	38
5	Propanoic acid, 3-hydroxy-2-(2,4...	285	C10H11N3O7	1000197-15-9	38





Library Search Compound Report

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Sample : L1148-18
Misc :
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Instrument : BNA_F
ClientSampleId : SB-49-(0.5-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

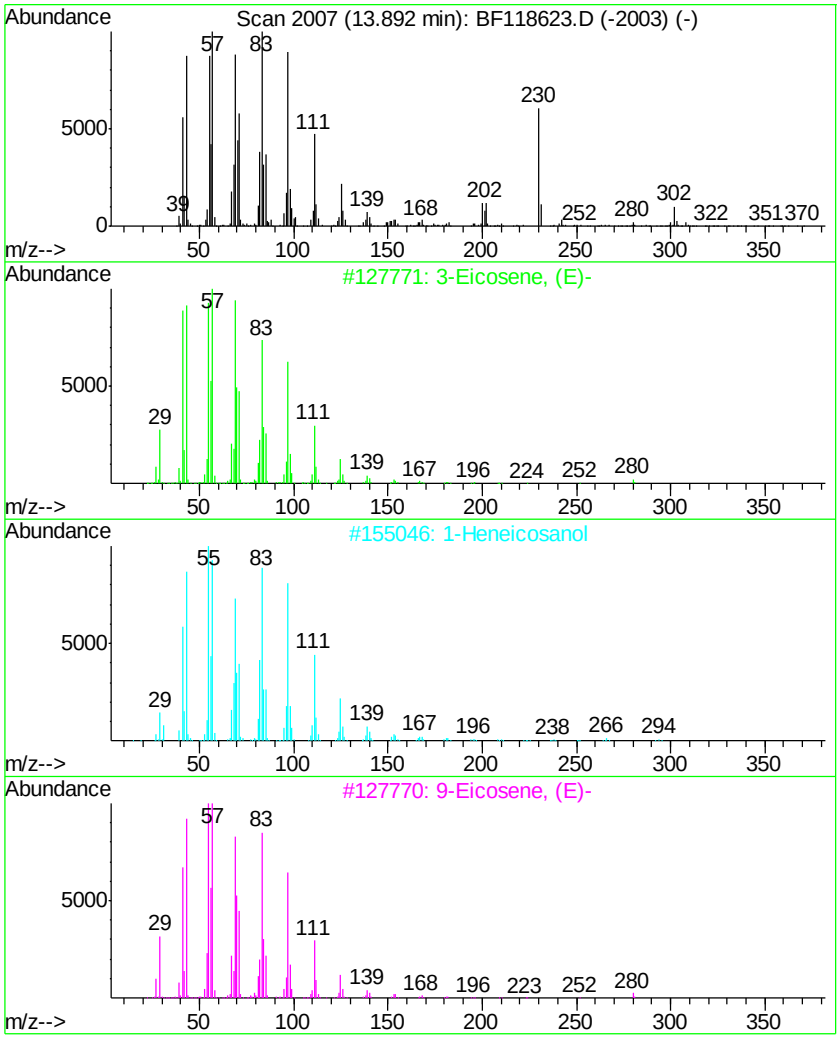
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

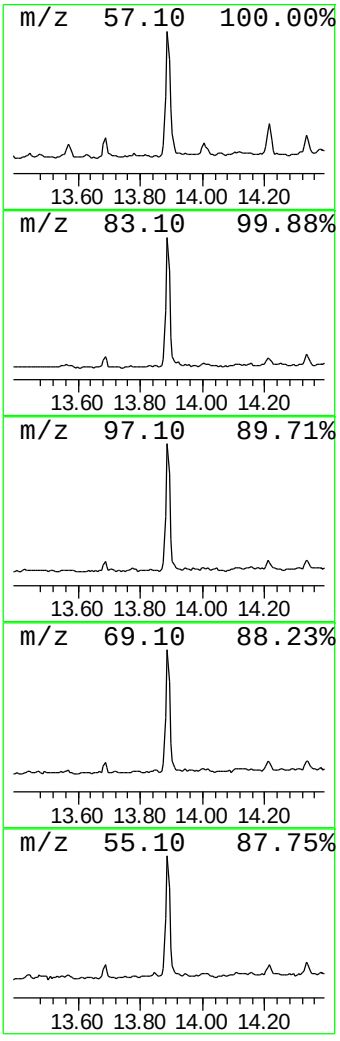
****

Peak Number 16 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	10.52 ng	2654690	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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

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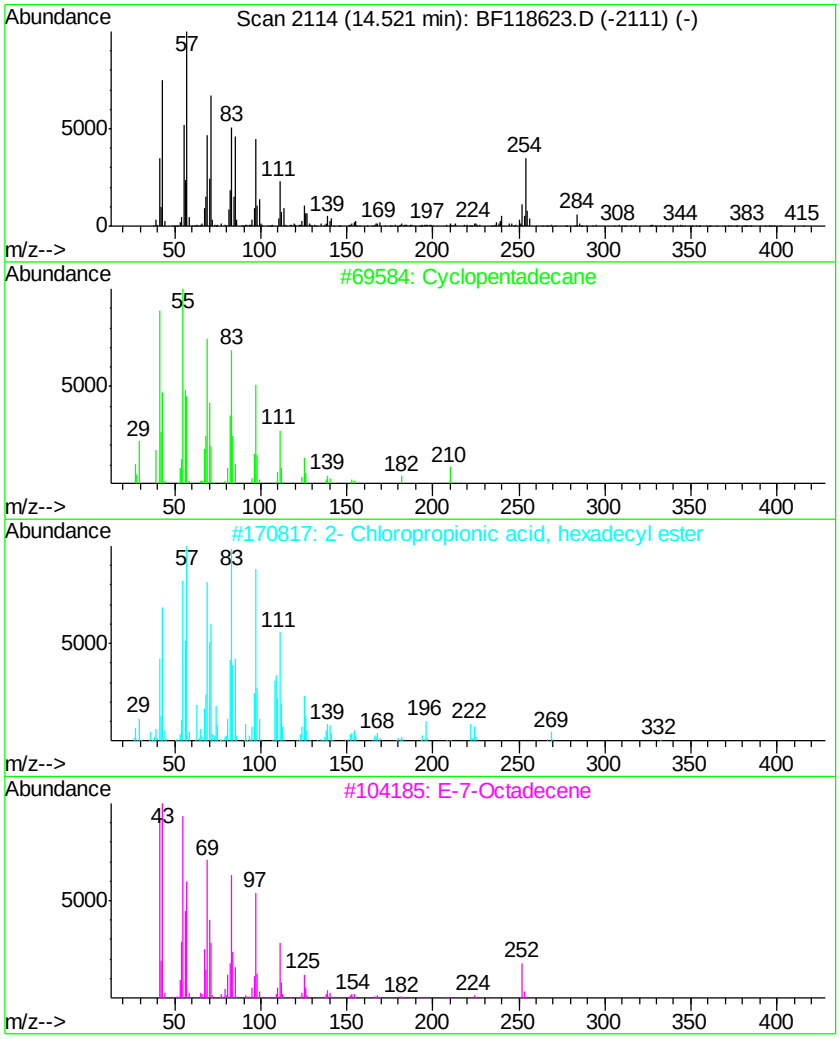
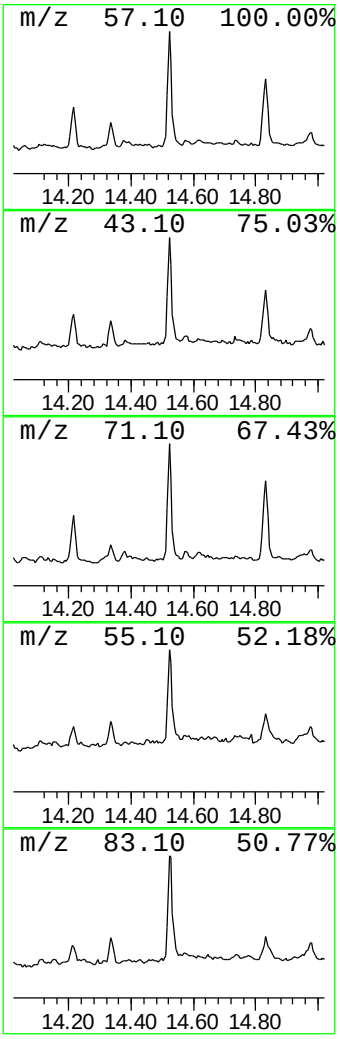
Peak Number 17 Cyclopentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	4.79 ng	1209280	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	83
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	78
3	E-7-Octadecene	252	C18H36	1000130-92-0	70
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	70
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	64





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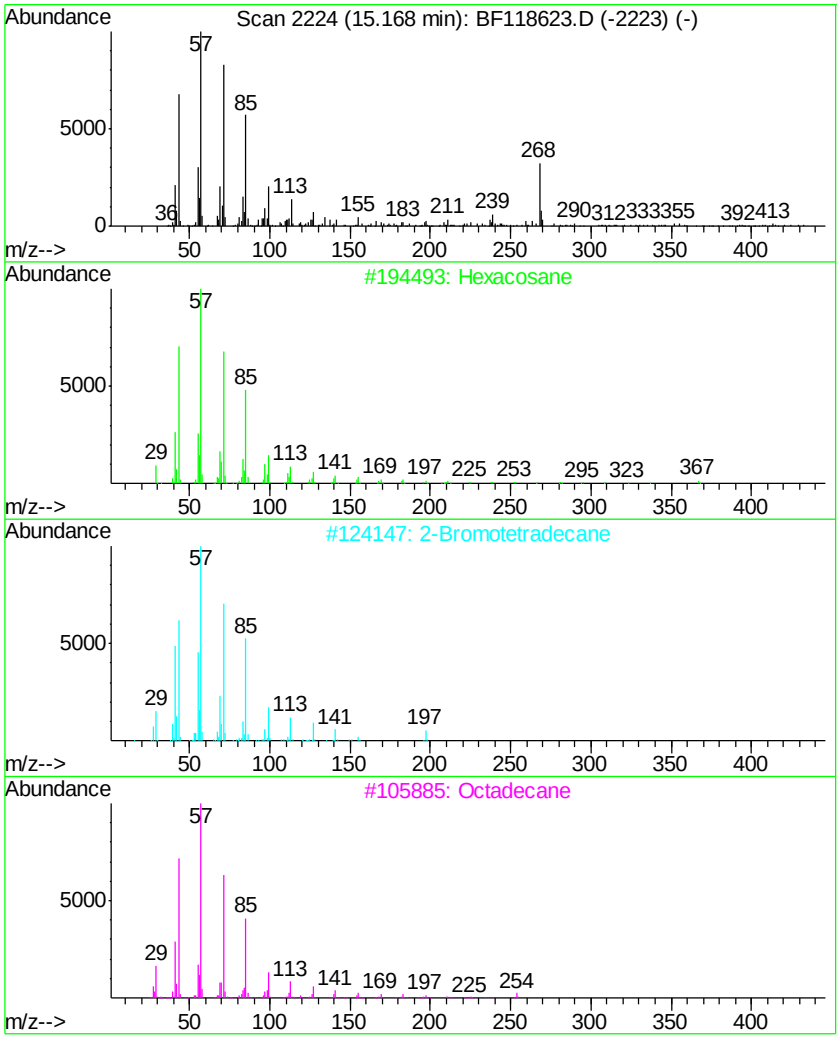
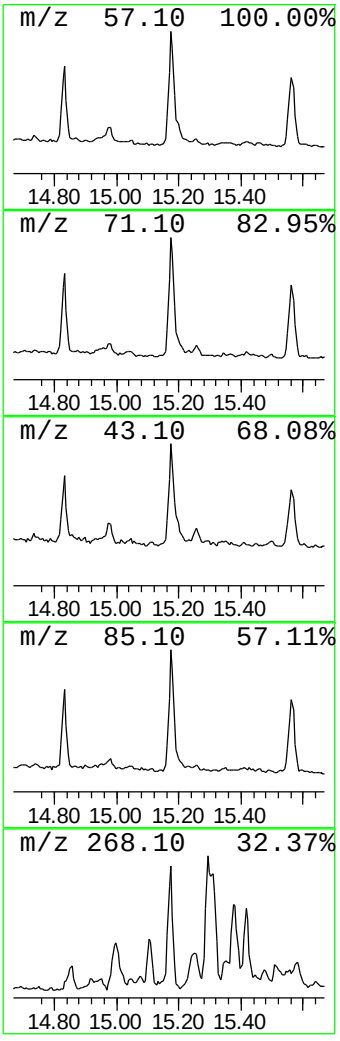
Peak Number 18 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.22 ng	416654	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
3	Octadecane	254	C18H38	000593-45-3	81
4	Eicosane	282	C20H42	000112-95-8	80
5	Nonadecane	268	C19H40	000629-92-5	80





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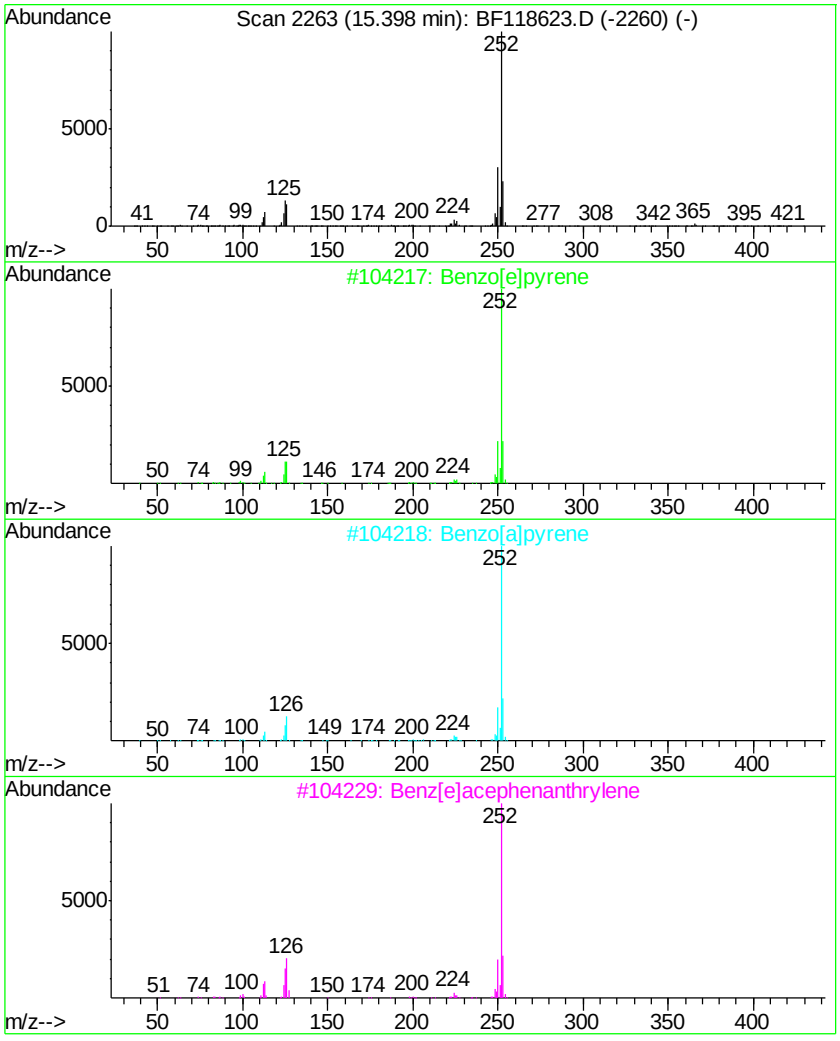
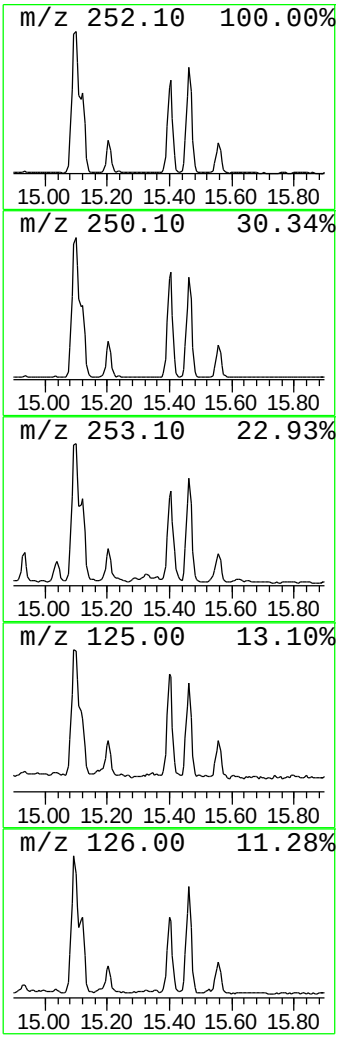
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	17.03 ng	1683440	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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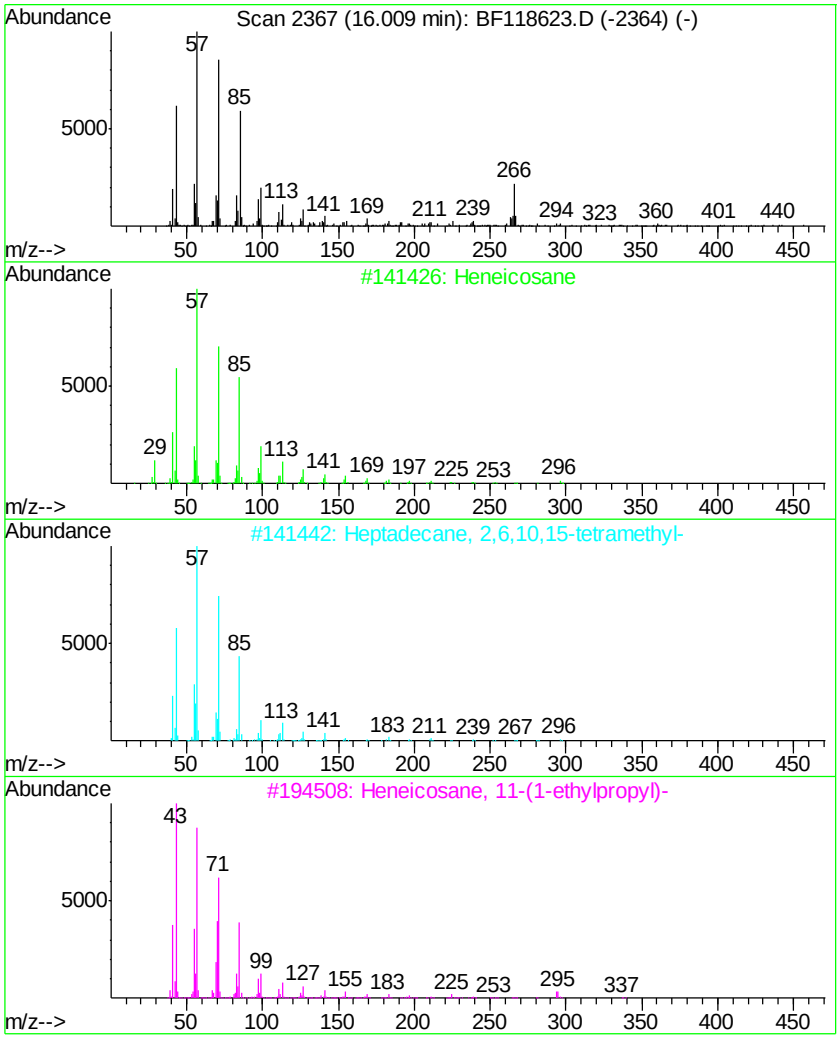
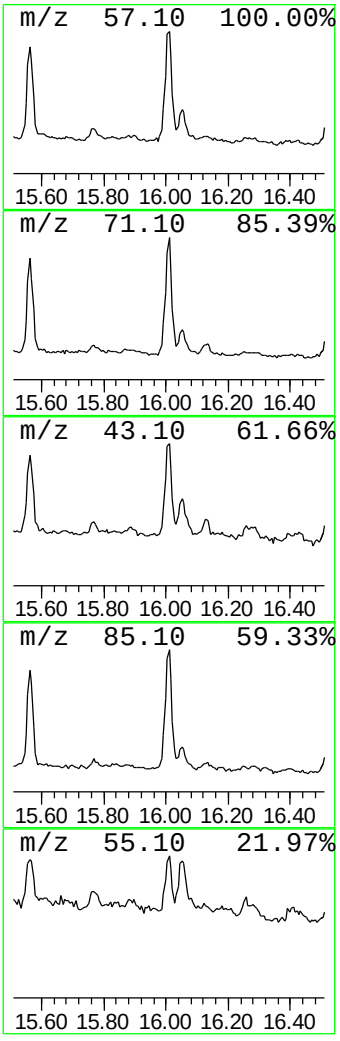
Peak Number 20 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	5.09 ng	503405	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
4	2-methyloctacosane	408	C29H60	1000376-72-8	74
5	Octacosane	394	C28H58	000630-02-4	74





Tentatively Identified Compound (LSC) summary

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Data File : BF118623.D
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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
Butane, 2-methoxy...	2.21	14.4	ng	1920460	1	6.89	2665120	20.0
2-Pentanone, 4-hy...	5.11	18.6	ng	2484630	1	6.89	2665120	20.0
unknown6.66	6.66	80.5	ng	10725000	1	6.89	2665120	20.0
Benzene, 1-etheny...	6.72	5.4	ng	723277	1	6.89	2665120	20.0
Indene	7.15	3.6	ng	481517	1	6.89	2665120	20.0
Benzenemethanethi...	7.74	4.7	ng	789958	2	8.16	3383080	20.0
o-Cymene	8.44	3.3	ng	550239	2	8.16	3383080	20.0
Dibenzothiophene	11.30	3.1	ng	461884	4	11.41	2937070	20.0
n-Hexadecanoic acid	11.94	9.5	ng	1398280	4	11.41	2937070	20.0
4H-Cyclopenta[def...	12.02	4.1	ng	603676	4	11.41	2937070	20.0
unknown13.84	13.84	3.6	ng	900158	5	14.04	5045810	20.0
3-Eicosene, (E)-	13.89	10.5	ng	2654690	5	14.04	5045810	20.0
Cyclopentadecane	14.52	4.8	ng	1209280	5	14.04	5045810	20.0
Hexacosane	15.17	4.2	ng	416654	6	15.53	1976860	20.0
Benzo[e]pyrene	15.40	17.0	ng	1683440	6	15.53	1976860	20.0
Heneicosane	16.01	5.1	ng	503405	6	15.53	1976860	20.0