LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	2.158	8	12	21	rVB	259825	304069	1.44%	0.146%
2	5.004	491	496	498	rBV	287067	366927	1.73%	0.177%
3	5.028	498	500	503	rVB	259623	215211	1.02%	0.104%
4	5.422	563	567	579	rVB	1557510	1557599	7.36%	0.750%
5	5.751	615	623	627	rBV	952966	1234041	5.83%	0.594%
6	6.369	722	728	736	rVB2	182629	323749	1.53%	0.156%
7	6.451	736	742	748	rBV	1001337	1226344	5.80%	0.590%
8	6.522	750	754	756	rVV2	225539	341578	1.61%	0.164%
9	6.575	758	763	769	rVV	2518061	3370860	15.94%	1.623%
10	6.798	798	801	808	rBV2	802767	901930	4.26%	0.434%
11	6.869	808	813	817	rBV2	622573	881258	4.17%	0.424%
12	6.910	817	820	824	rVV3	686014	1057946	5.00%	0.509%
13	6.957	824	828	833	rVB2	3015832	3296379	15.58%	1.587%
14	7.210	868	871	873	rBV	582797	596068	2.82%	0.287%
15	7.375	877	899	901	rVV	2348142	4644679	21.96%	2.236%
16	7.404	901	904	906	rVV2	833025	1134841	5.36%	0.546%
17	7.475	906	916	920	rVV3	520183	1453010	6.87%	0.700%
18	7.575	928	933	934	rVV4	318269	483770	2.29%	0.233%
19	7.640	935	944	945	rVV3	614786	1796395	8.49%	0.865%
20	7.669	947	949	951	rVV2	882957	1087296	5.14%	0.524%
21	7.716	951	957	960	rVV3	1184318	2665360	12.60%	1.283%
22	7.781	960	968	970	rVV4	980412	2663955	12.59%	1.283%
23	7.816	970	974	976	rVV2	1300386	2072329	9.80%	0.998%
24	7.851	976	980	985	rVB3	953187	1305725	6.17%	0.629%
25	7.963	992	999	1001	rBV2	452172	633033	2.99%	0.305%
26	8.051	1011	1014	1017	rVB2	325898	345116	1.63%	0.166%
27	8.087	1017	1020	1022	rBV	1090368	918147	4.34%	0.442%
28	8.128	1025	1027	1029	rVB2	412334	324243	1.53%	0.156%
29	8.187	1029	1037	1041	rBV4	382509	515981	2.44%	0.248%
30	8.263	1046	1050	1053	rBV3	291650	518240	2.45%	0.250%
31	8.381	1066	1070	1072	rVB2	224918	214745	1.02%	0.103%
32	8.469	1082	1085	1087	rBV	225566	212668	1.01%	0.102%
33	8.504	1087	1091	1095	rVV2	287550	344238	1.63%	0.166%
34	8.592	1103	1106	1110	rVV5	206473	362138	1.71%	0.174%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.663	1116	1118	1120	rBV2	197893	214780	1.02%	0.103%
36	8.804	1139	1142	1144	rBV2	223835	228817	1.08%	0.110%
37	8.851	1144	1150	1156	rVB	613435	1135039	5.37%	0.547%
38	9.163	1197	1203	1206	rVV2	3583940	3920538	18.53%	1.888%
39	9.286	1218	1224	1226	rVV5	124348	241439	1.14%	0.116%
40	9.504	1257	1261	1263	rBV2	192164	211637	1.00%	0.102%
41	9.651	1282	1286	1289	rBV	444114	460011	2.17%	0.221%
42	9.792	1306	1310	1313	rVV	363372	449195	2.12%	0.216%
43	9.845	1315	1319	1324	rVB2	946471	936476	4.43%	0.451%
44	10.169	1370	1374	1376	rBV	421614	384499	1.82%	0.185%
45	10.275	1389	1392	1395	rVV2	244808	256344	1.21%	0.123%
46	10.322	1397	1400	1403	rVB2	244013	216578	1.02%	0.104%
47	10.439	1417	1420	1421	rBV	240826	226991	1.07%	0.109%
48	10.457	1421	1423	1425	rVB	442007	324593	1.53%	0.156%
49	10.510	1429	1432	1435	rVB3	509115	447409	2.12%	0.215%
50	10.639	1449	1454	1458	rVV3	1768426	1935247	9.15%	0.932%
51	10.810	1479	1483	1486	rVV	788862	744384	3.52%	0.358%
52	10.898	1493	1498	1500	rBV	2888683	2969251	14.04%	1.430%
53	10.922	1500	1502	1505	rVV	3269891	2495271	11.80%	1.201%
54	10.986	1509	1513	1516	rVB	3263521	2955603	13.97%	1.423%
55	11.098	1523	1532	1534	rBV	4315275	4855580	22.95%	2.338%
56	11.116	1534	1535	1537	rVV	581649	320705	1.52%	0.154%
57	11.292	1557	1565	1568	rBV	5958497	10919724	51.62%	5.258%
58	11.339	1568	1573	1575	rBV	3615409	3733879	17.65%	1.798%
59	11.369	1575	1578	1581	rVB	3376122	2711153	12.82%	1.305%
60	11.433	1585	1589	1592	rVB	3373030	3056990	14.45%	1.472%
61	11.480	1592	1597	1602	rBV4	167067	295238	1.40%	0.142%
62	11.551	1602	1609	1611	rBV	4244280	5481785	25.91%	2.639%
63	11.569	1611	1612	1614	rVB	980446	437719	2.07%	0.211%
64	11.628	1619	1622	1624	rBV3	229848	233903	1.11%	0.113%
65	11.739	1634	1641	1642	rBV	5456778	10456089	49.43%	5.034%
66	11.786	1642	1649	1651	rVV2	5152047	13849327	65.47%	6.668%
67	11.822	1651	1655	1658	rVV	5220421	7755400	36.66%	3.734%
68	11.886	1658	1666	1668	rVV	5228302	9296422	43.95%	4.476%
69	11.910	1668	1670	1672	rVB	530374	425821	2.01%	0.205%
70	11.933	1672	1674	1676	rVB	396256	273411	1.29%	0.132%
71	12.004	1677	1686	1696	rBV6	5249565	17767483	84.00%	8.555%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.198	1706	1719	1721	rBV3	5546386	21152987	100.00%	10.185%
73	12.233	1721	1725	1730	rVV3	2322013	4317908	20.41%	2.079%
74	12.275	1730	1732	1736	rVB2	593648	627283	2.97%	0.302%
75	12.386	1745	1751	1759	rBV6	1775148	5049936	23.87%	2.431%
76	12.445	1759	1761	1766	rBV2	1647889	1823067	8.62%	0.878%
77	12.492	1766	1769	1771	rBV	919392	848727	4.01%	0.409%
78	12.516	1771	1773	1775	rVB2	587396	440343	2.08%	0.212%
79	12.545	1775	1778	1781	rBV	1828231	2030293	9.60%	0.978%
80	12.592	1783	1786	1788	rBV2	1123993	1417494	6.70%	0.683%
81	12.733	1808	1810	1812	rBV3	433086	331355	1.57%	0.160%
82	12.769	1813	1816	1821	rVV5	787626	1271001	6.01%	0.612%
83	12.827	1824	1826	1830	rBV3	760743	924282	4.37%	0.445%
84	12.939	1841	1845	1848	rVB2	1444666	1803626	8.53%	0.868%
85	12.974	1849	1851	1854	rVB2	733582	733361	3.47%	0.353%
86	13.051	1860	1864	1868	rBV2	1239354	1823193	8.62%	0.878%
87	13.098	1870	1872	1874	rBV3	530219	553385	2.62%	0.266%
88	13.186	1884	1887	1892	rBV4	792373	1563689	7.39%	0.753%
89	13.316	1907	1909	1911	rBV3	638738	568395	2.69%	0.274%
90	13.374	1916	1919	1923	rBV3	664546	1003344	4.74%	0.483%
91	13.416	1923	1926	1929	rBV3	889617	1392038	6.58%	0.670%
92	13.604	1956	1958	1961	rBV4	669913	707022	3.34%	0.340%
93	15.398	2259	2263	2268	rVB3	1318039	2072721	9.80%	0.998%
94	15.798	2327	2331	2339	rVB2	897827	1499310	7.09%	0.722%
95	15.963	2356	2359	2364	rVB2	365060	530662	2.51%	0.256%
96	16.057	2371	2375	2382	rVB3	358727	820935	3.88%	0.395%
97	16.457	2439	2443	2448	rVB2	225893	388151	1.83%	0.187%

Sum of corrected areas: 207689107

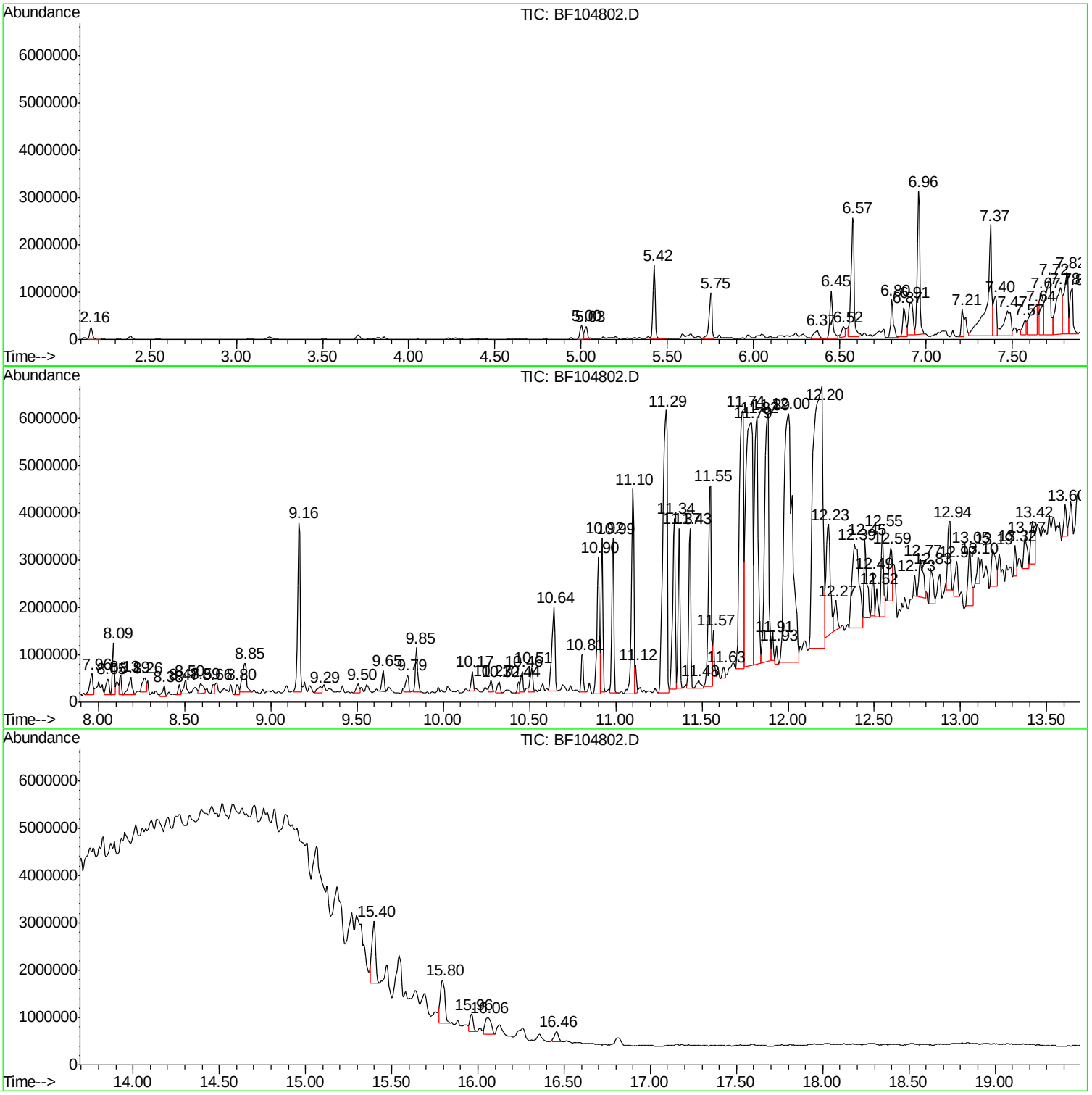
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

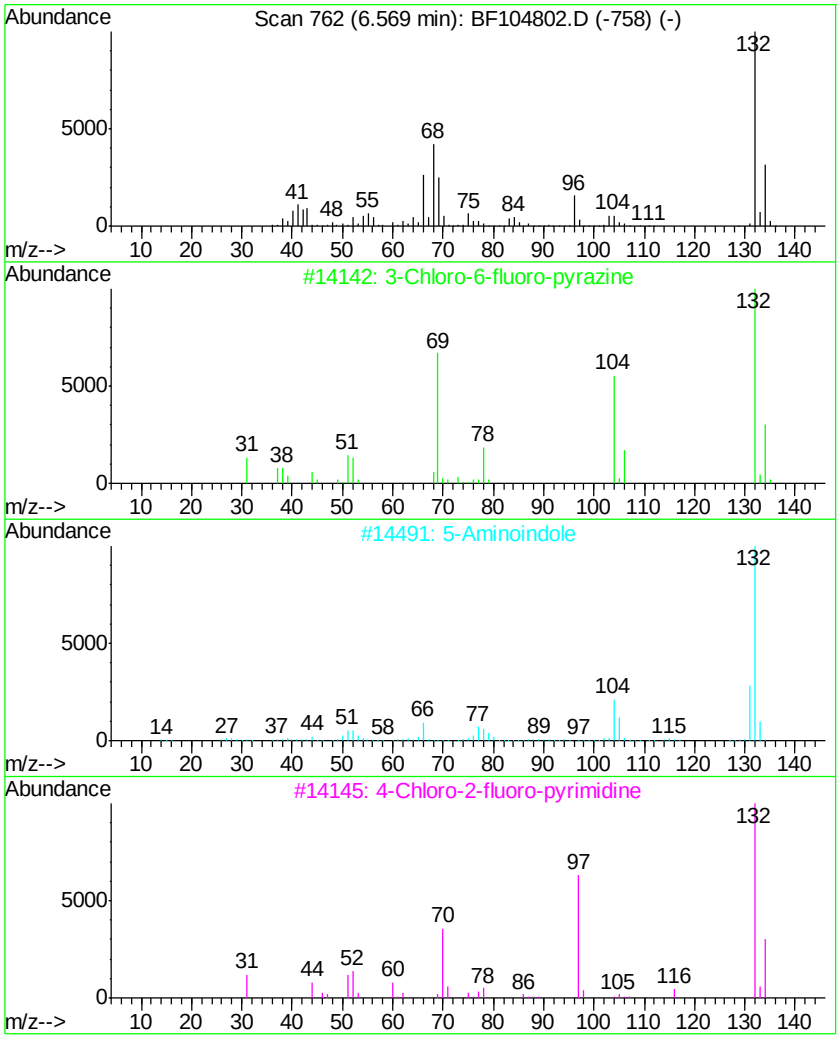
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

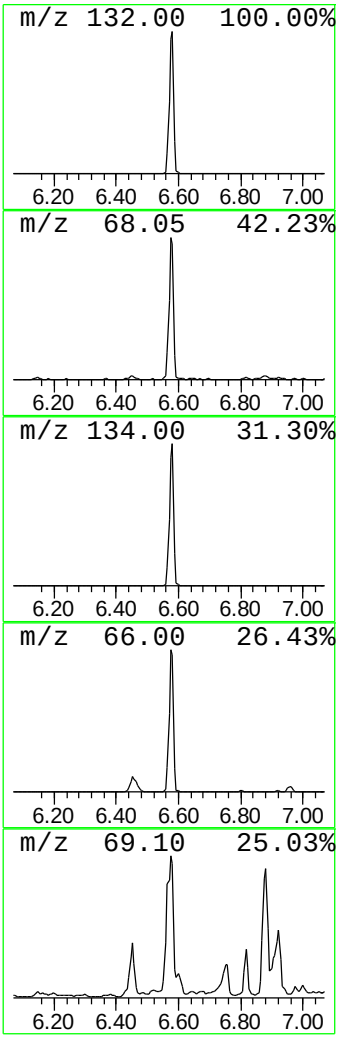
****

Peak Number 1 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.75 ng	3370860	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

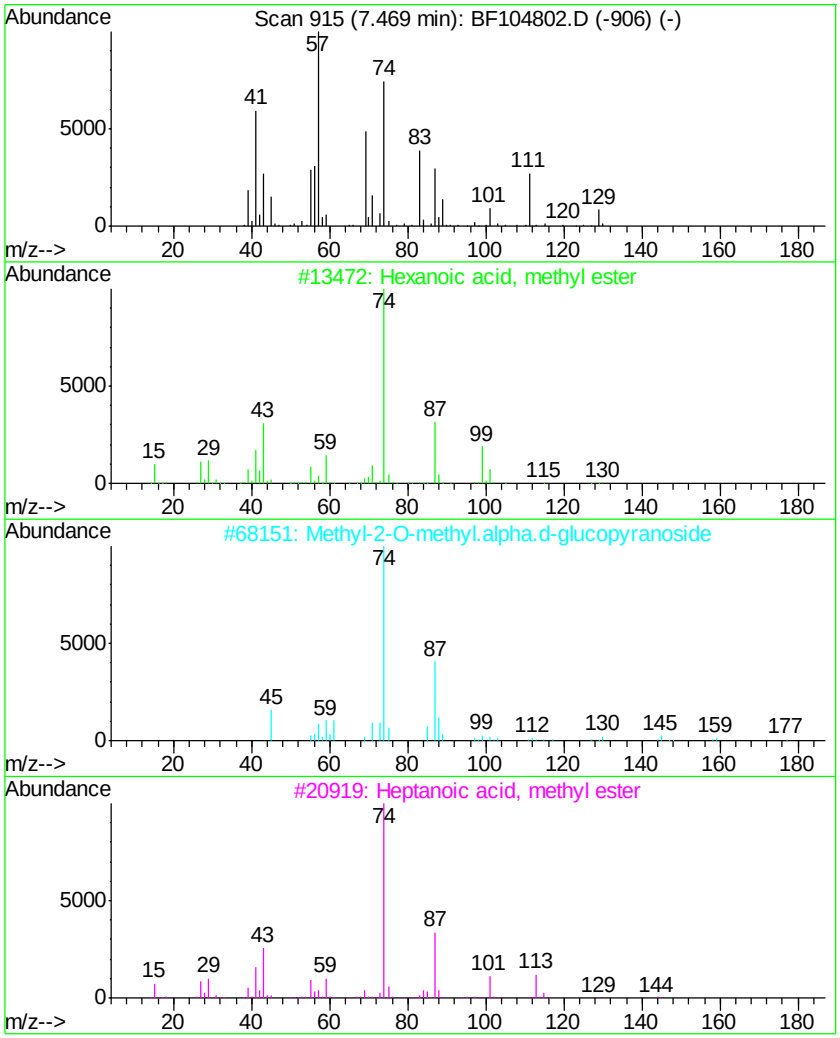
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

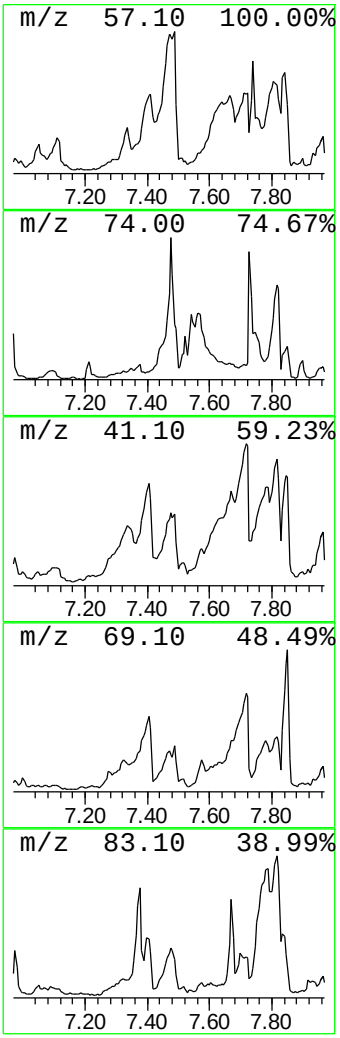
****

Peak Number 3 unknown7.47 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	31.65 ng	1453010	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	38
2	Methyl-2-O-methyl.alpha.d-glucop...	208	C8H16O6	015064-82-1	37
3	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	37
4	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	28
5	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

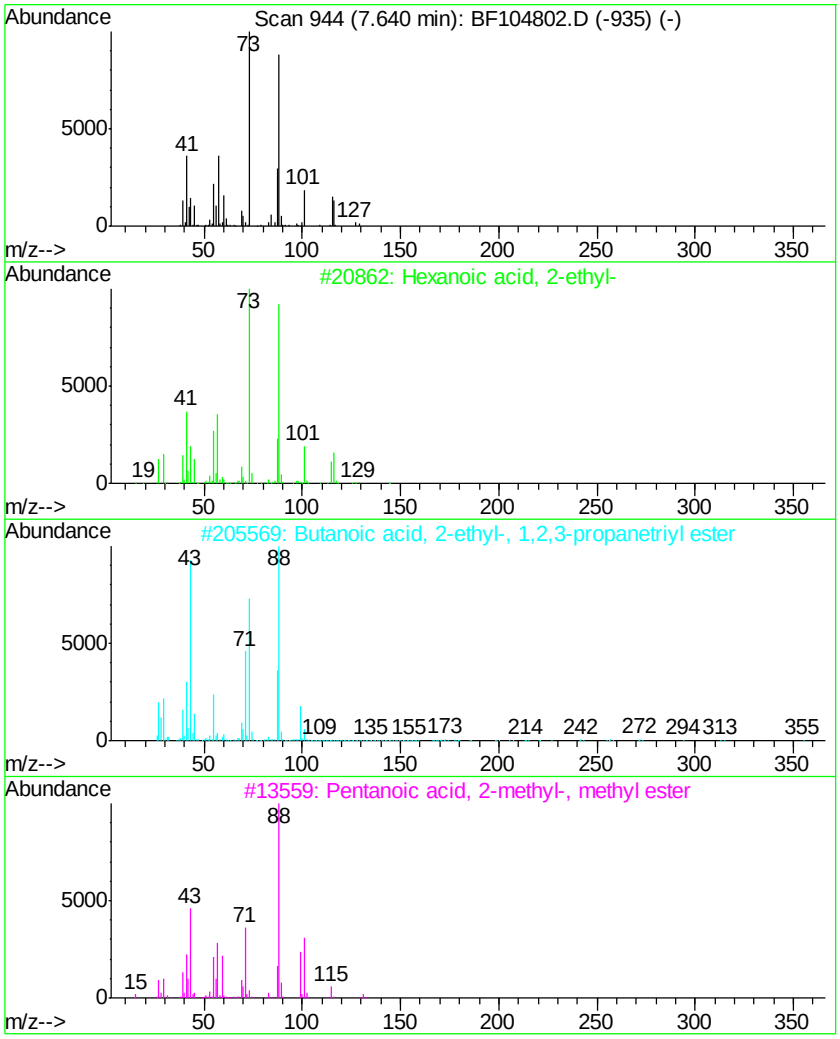
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

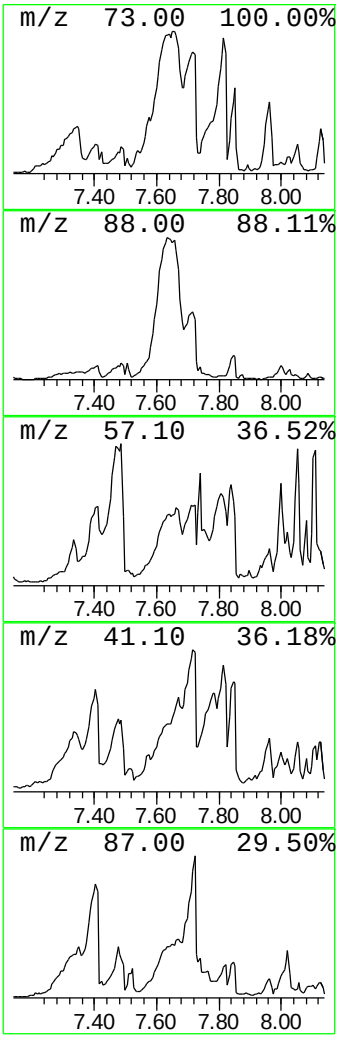
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	39.13 ng	1796400	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	40
4	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	38
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

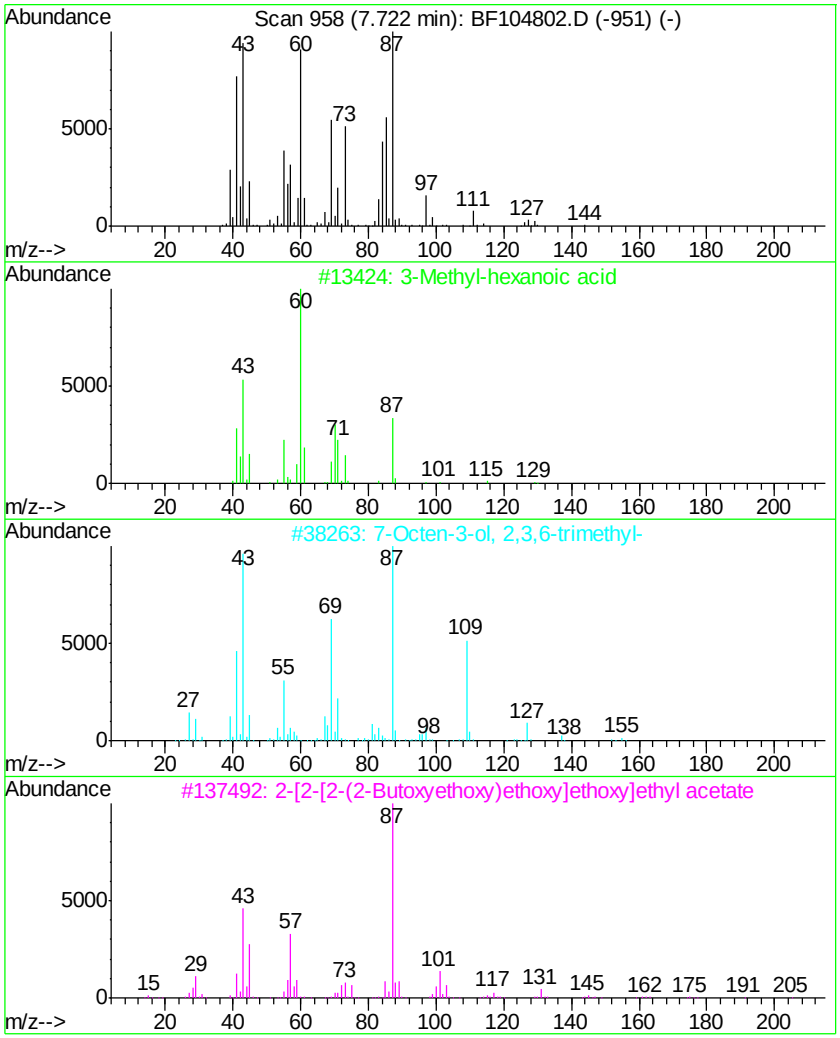
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

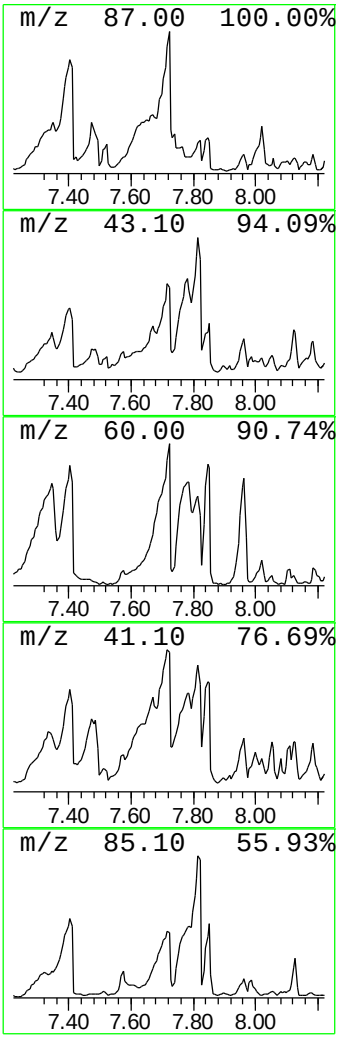
****

Peak Number 5 3-Methyl-hexanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	58.06 ng	2665360	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	50
2	7-Octen-3-ol, 2,3,6-trimethyl-	170	C11H22O	118989-21-2	35
3	2-[2-[2-(2-Butoxyethoxy)ethoxyle...	292	C14H28O6	1000351-93-9	27
4	(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	22
5	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

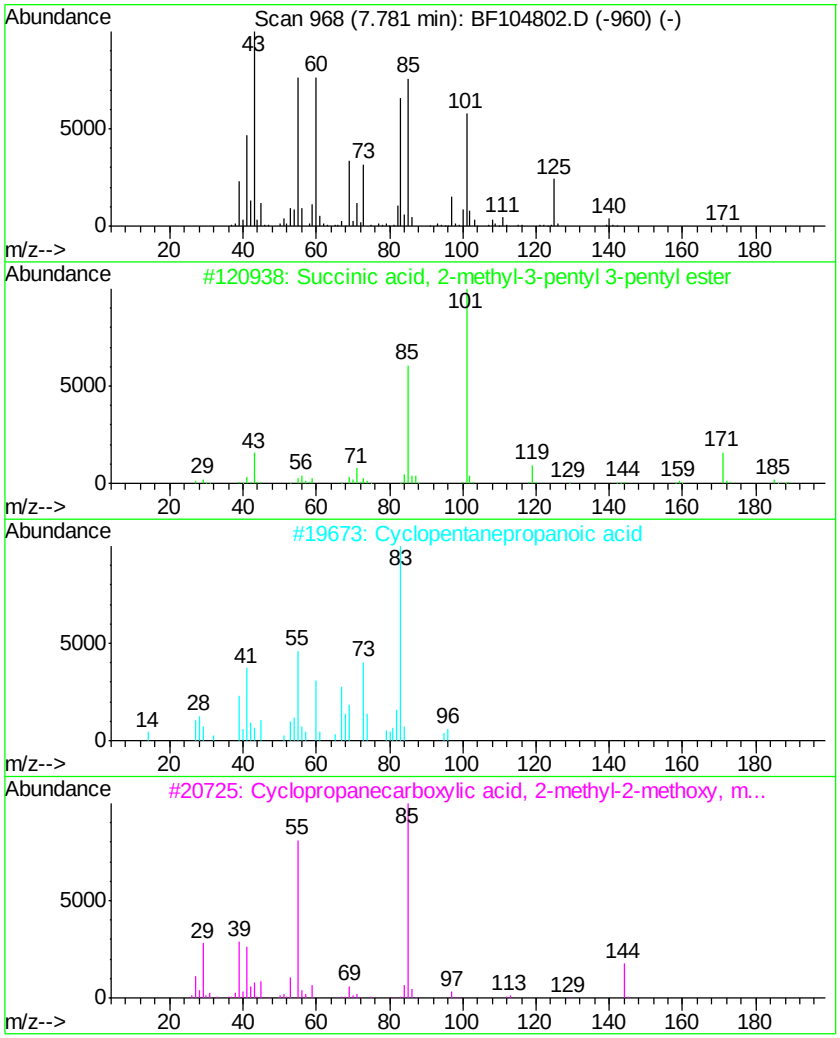
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

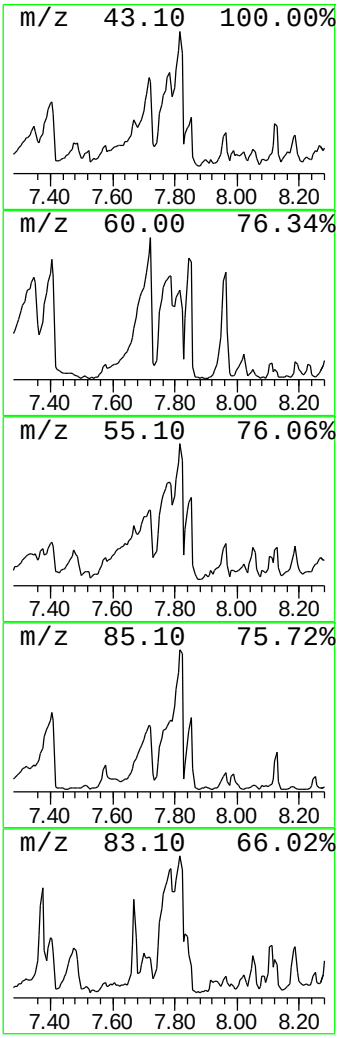
****

Peak Number 6 unknown7.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	58.03 ng	2663960	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 2-methyl-3-pentyl...	272	C15H28O4	1000370-91-0	22
2	Cyclopentanepropanoic acid	142	C8H14O2	000140-77-2	22
3	Cyclopropanecarboxylic acid, 2-m...	144	C7H12O3	1000222-01-2	22
4	4-Methylpentan-2-yl (E)-2-methyl...	184	C11H20O2	1000373-76-1	18
5	Hexanoic acid	116	C6H12O2	000142-62-1	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

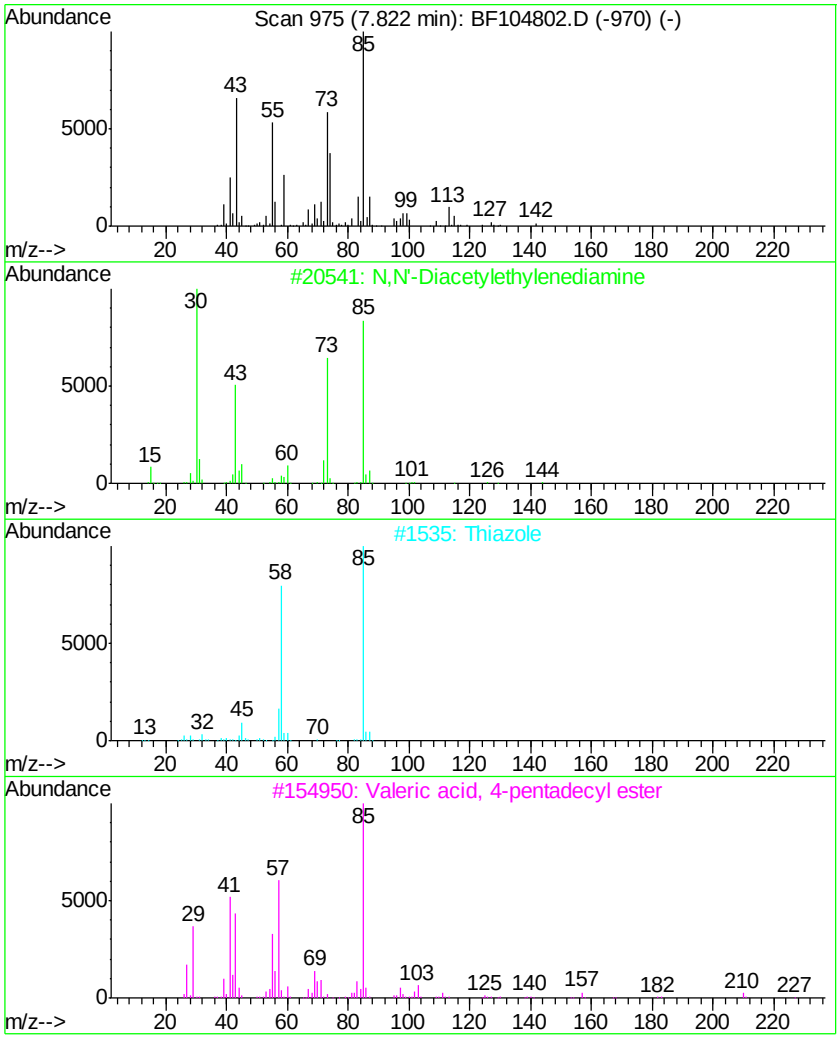
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

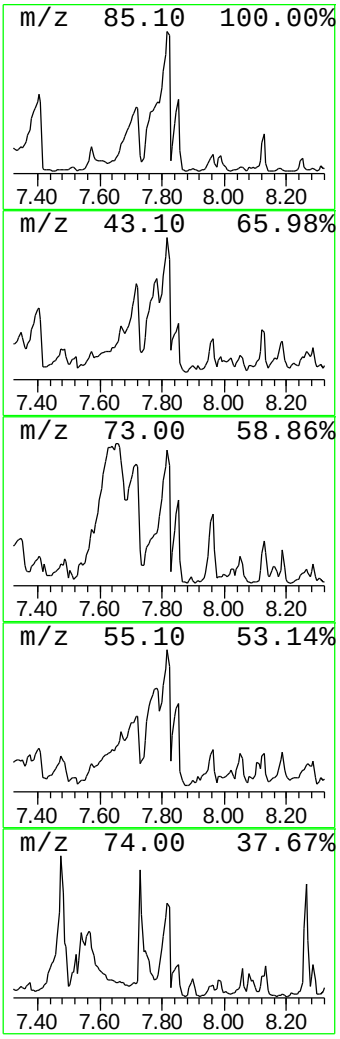
****

Peak Number 7 unknown7.82 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	45.14 ng	2072330	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Diacetylethylenediamine	144	C6H12N2O2	000871-78-3	43
2	Thiazole	85	C3H3NS	000288-47-1	38
3	Valeric acid, 4-pentadecyl ester	312	C20H40O2	1000281-99-4	32
4	Butanoic acid, 2-ethyl-2-methyl-	130	C7H14O2	019889-37-3	32
5	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

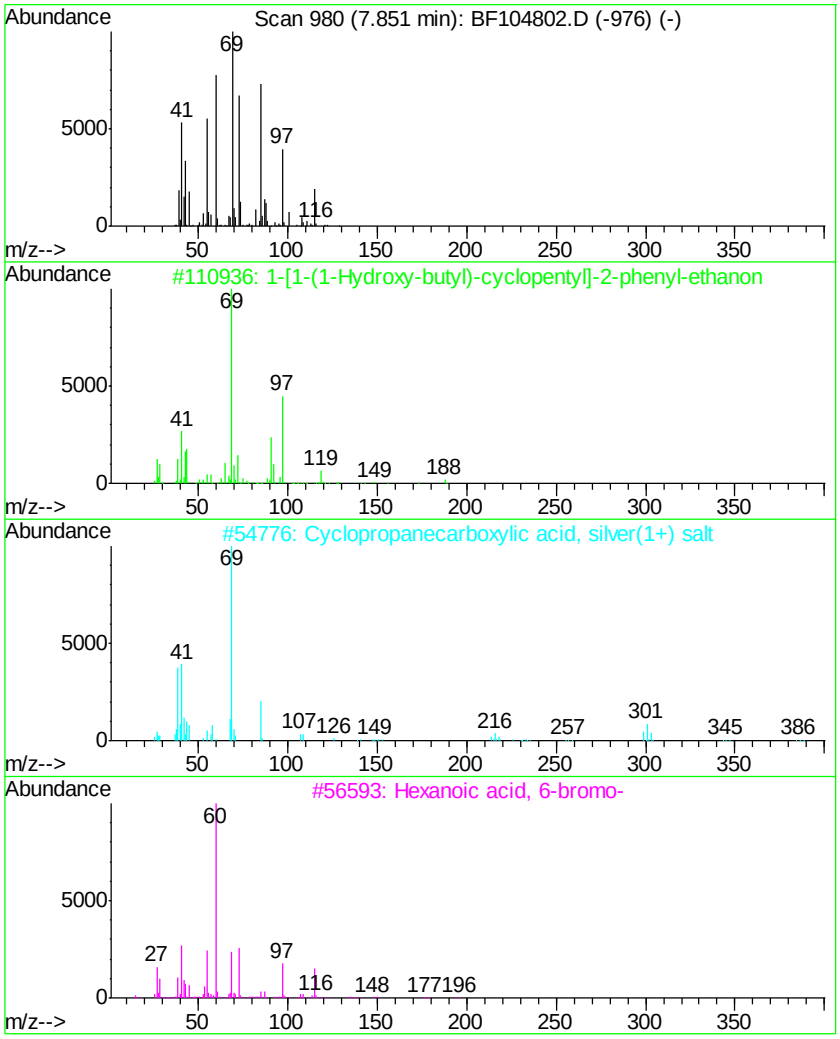
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

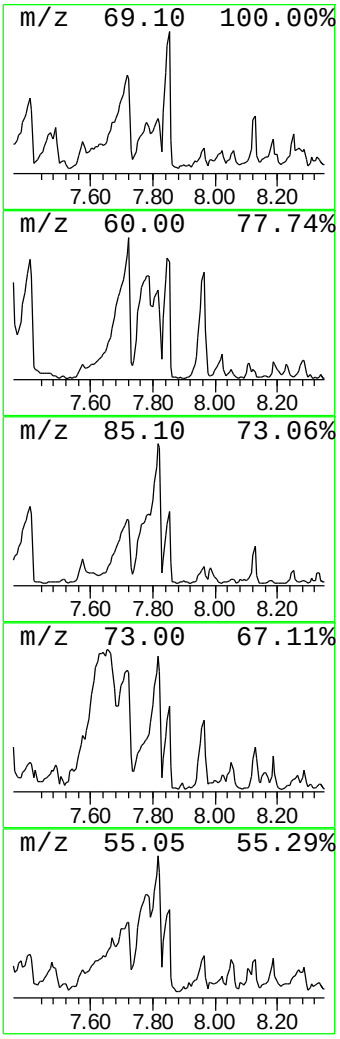
****

Peak Number 8 unknown7.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	28.44 ng	1305730	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[1-(1-Hydroxy-butyl)-cyclopent...	260	C17H24O2	097234-38-3	16
2	Cyclopropanecarboxylic acid, sil...	192	C4H5AgO2	075112-77-5	16
3	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	16
4	l-2-Amino-3-methyl-1-pentanol	117	C6H15NO	1000235-33-7	14
5	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

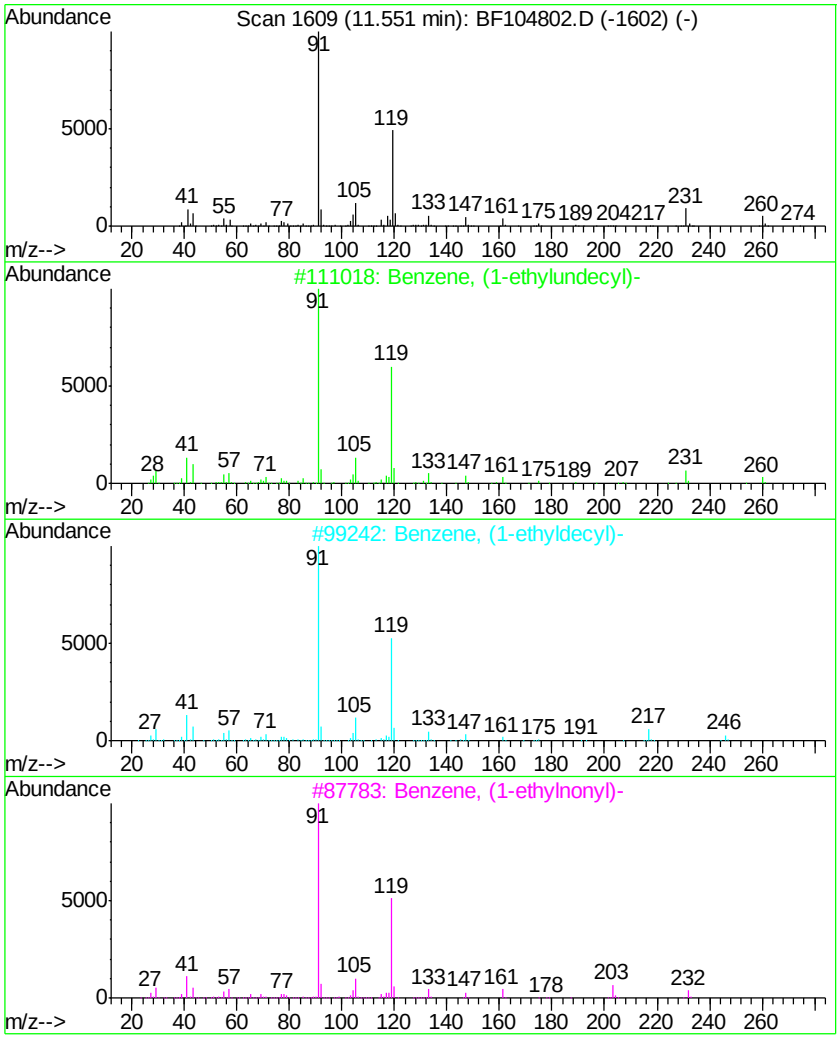
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

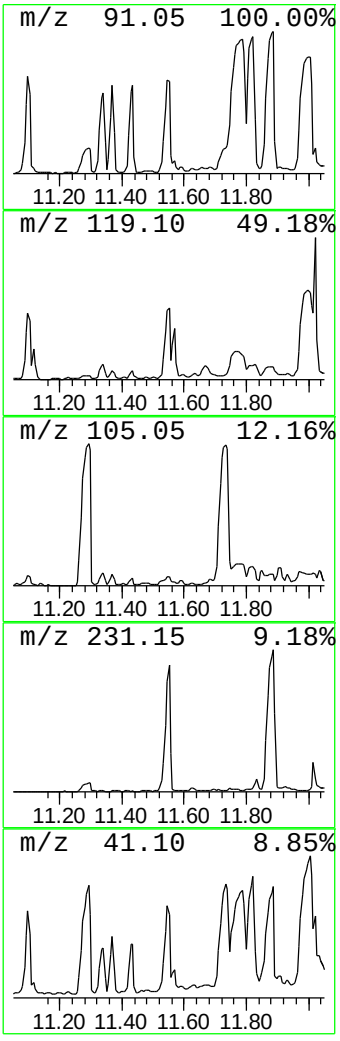
****

Peak Number 9 Benzene, (1-ethylundecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	29.36 ng	5481790	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	64
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	59
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	58
5	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

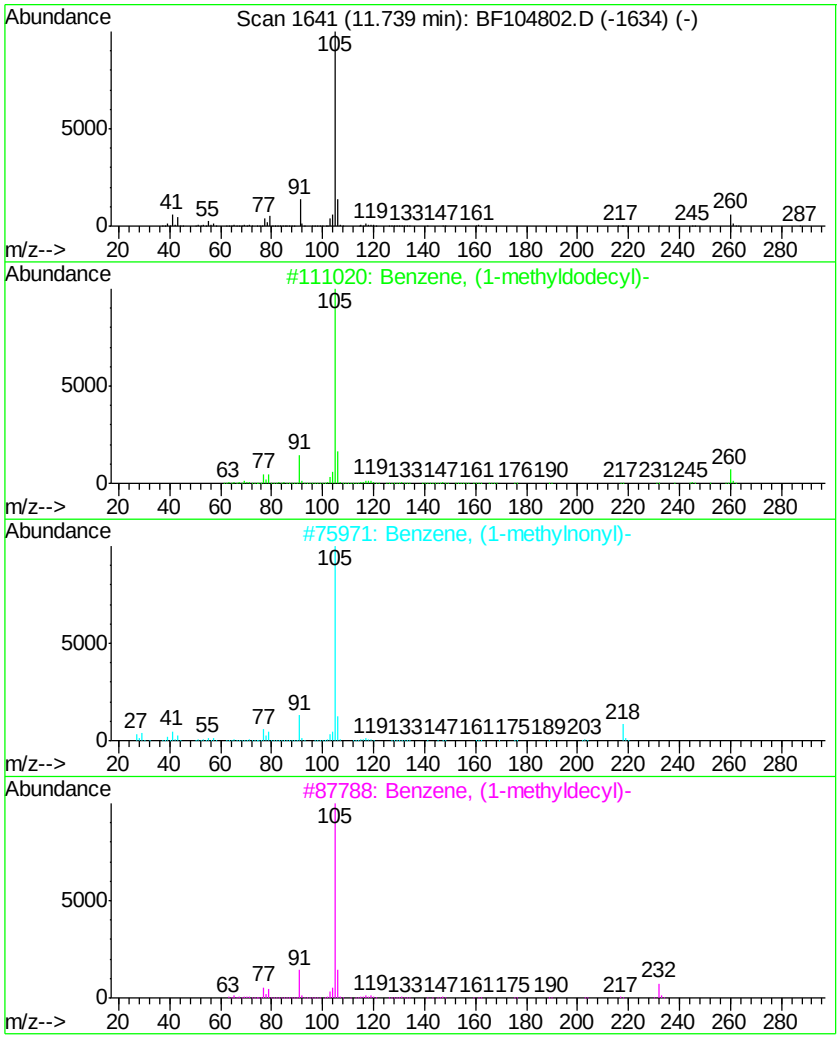
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

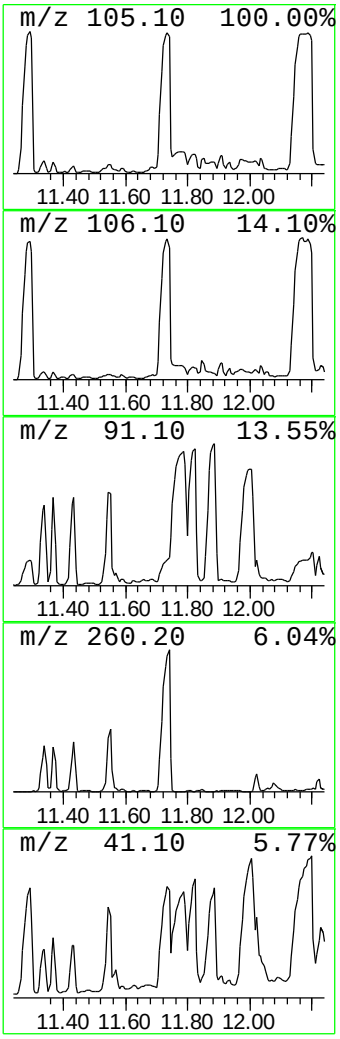
****

Peak Number 10 Benzene, (1-methyldodecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	56.01 ng	10456100	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	91
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
4	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	53
5	Phthalic acid, 4-methoxyphenyl 2...	376	C23H20O5	1000315-58-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

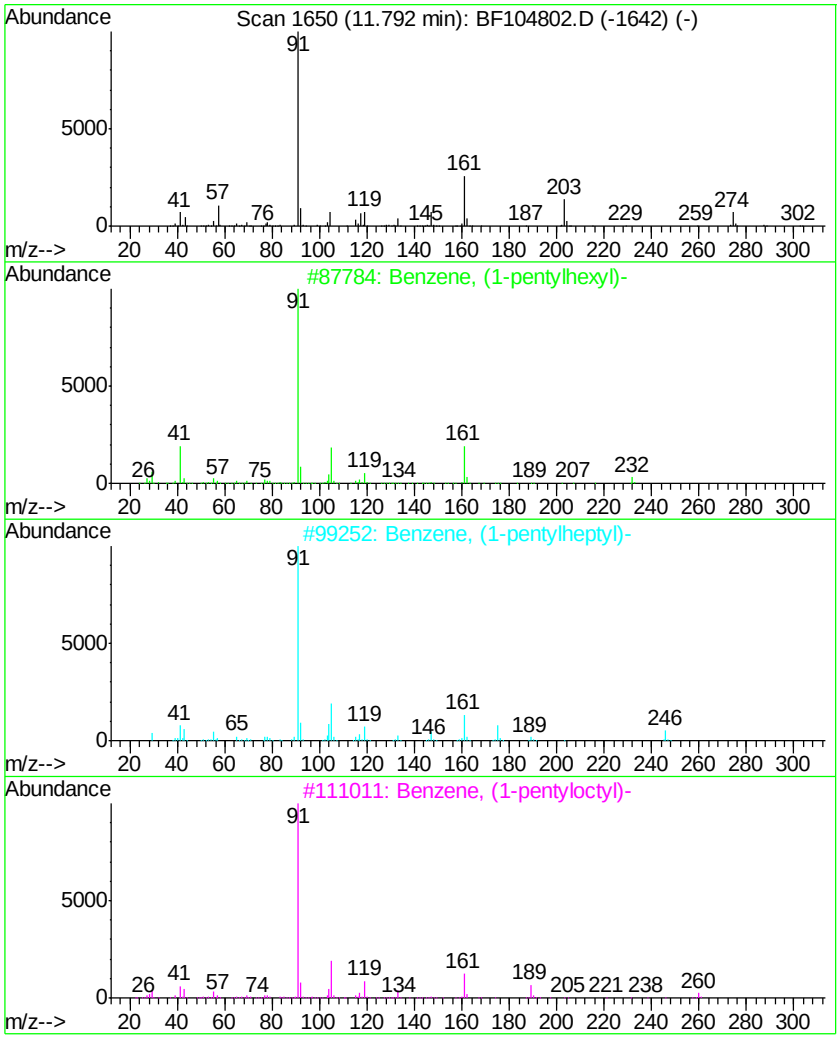
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

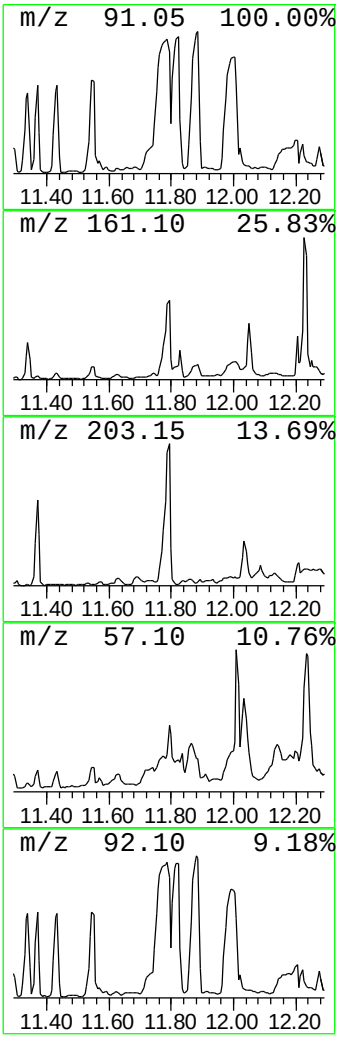
****

Peak Number 11 Benzene, (1-pentylhexyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	74.18 ng	13849300	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	50
2	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	47
3	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	47
4	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	43
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

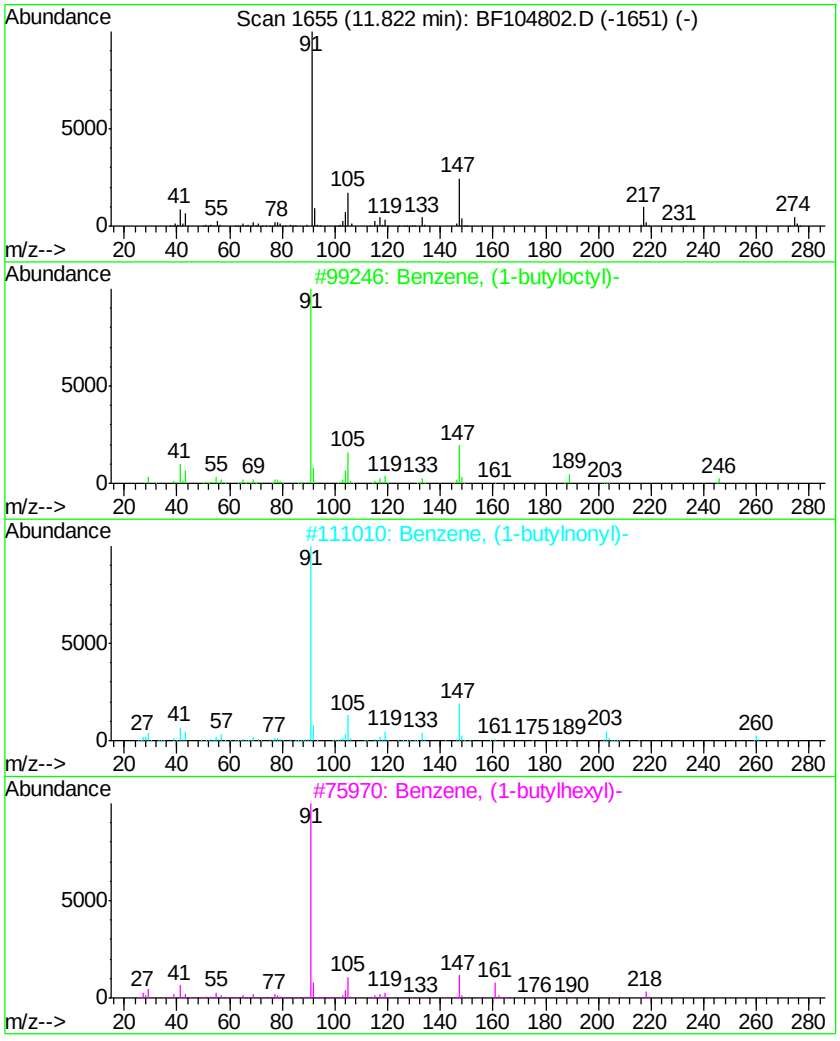
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

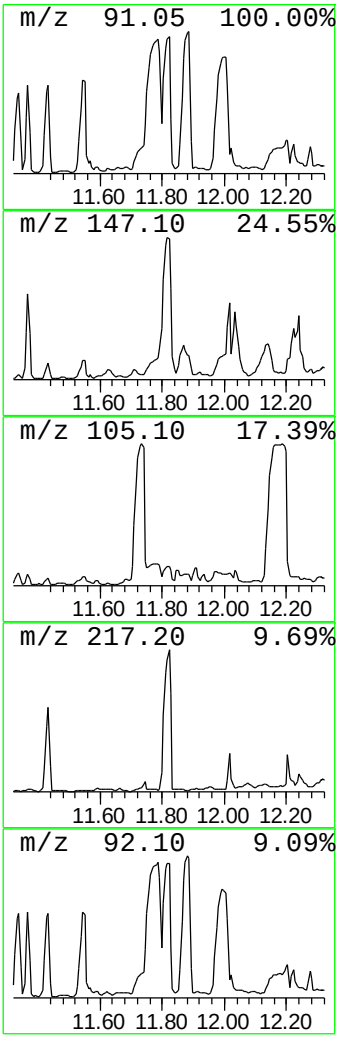
****

Peak Number 12 Benzene, (1-butyloctyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	41.54 ng	7755400	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	64
2	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	53
3	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	47
4	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	47
5	1-Benzylazetidine	147	C10H13N	007730-39-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

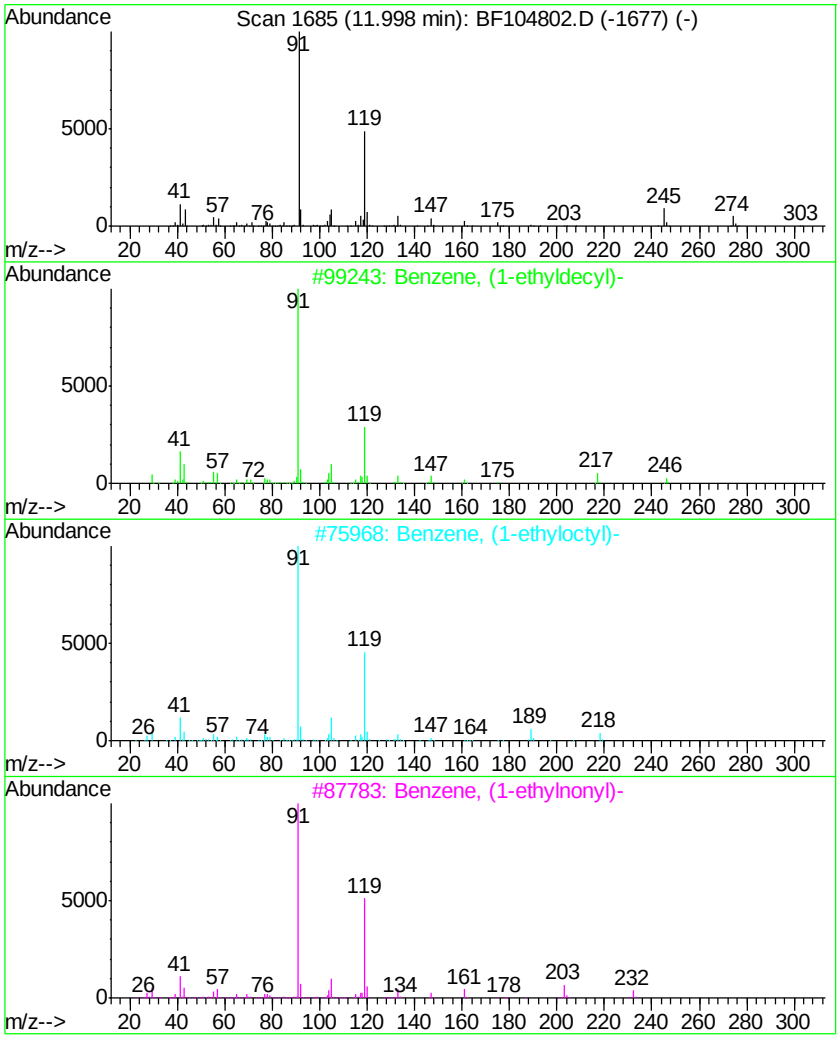
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

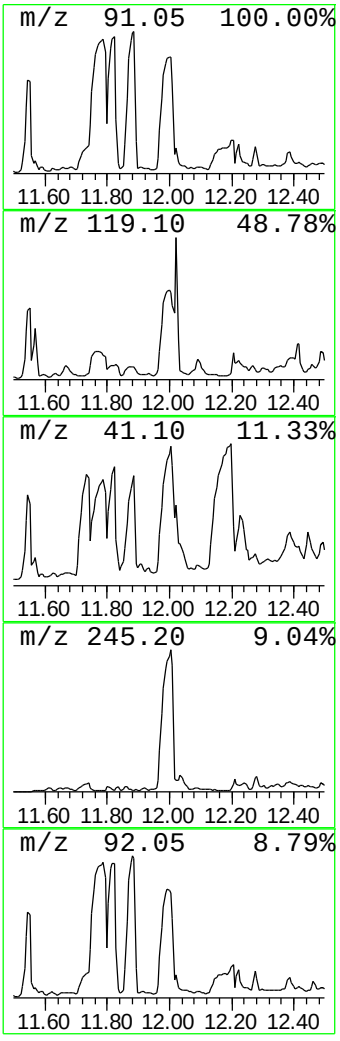
****

Peak Number 14 Benzene, (1-ethyldecyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	95.17 ng	17767500	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	60
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	59
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	59
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	53
5	Benzene, (1-nitropropyl)-	165	C9H11NO2	005279-14-1	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

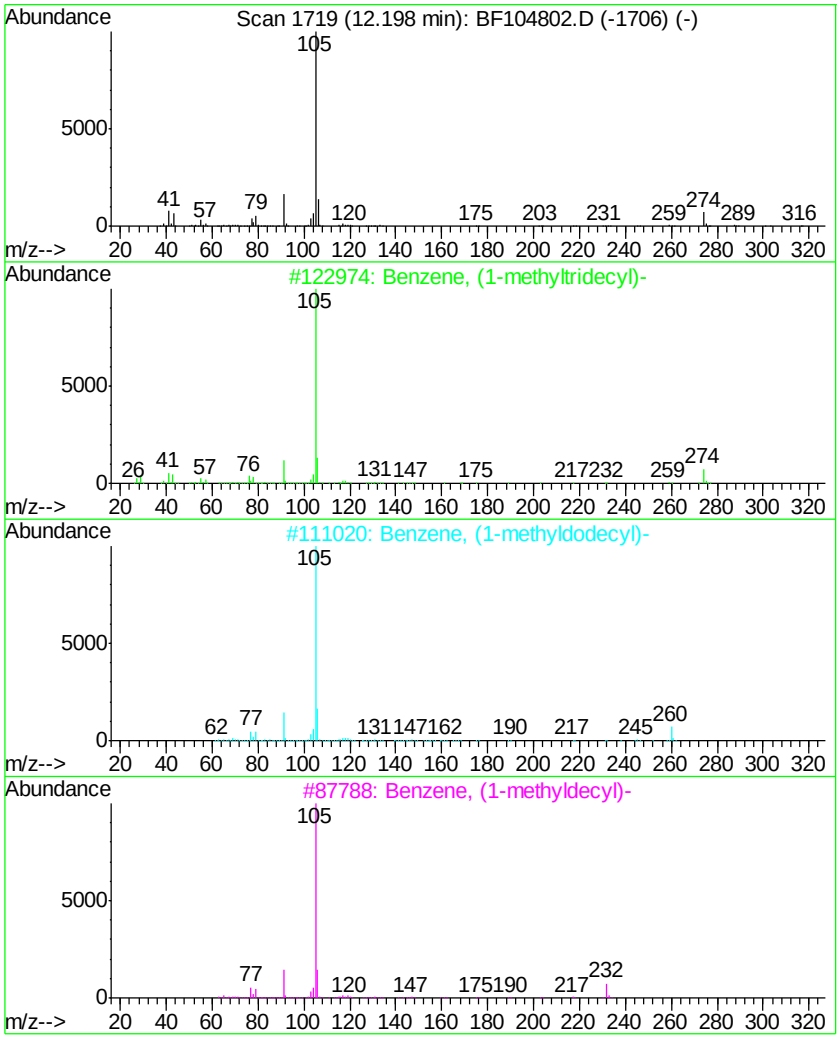
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

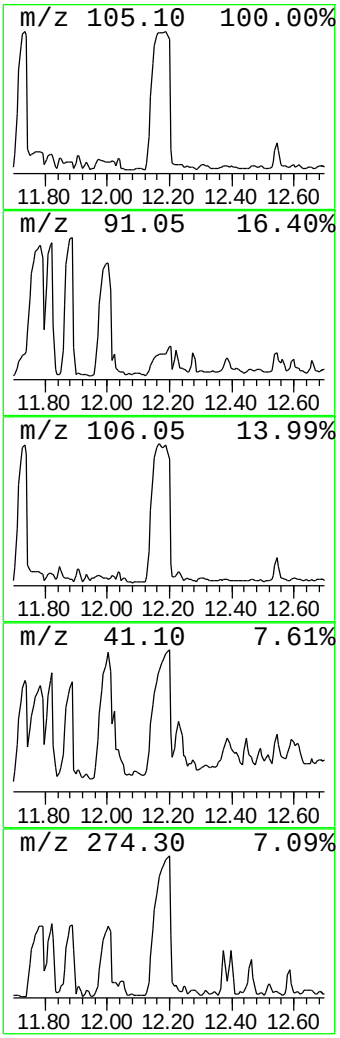
****

Peak Number 15 Benzene, (1-methyltridecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	113.30 ng	21153000	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	91
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	80
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

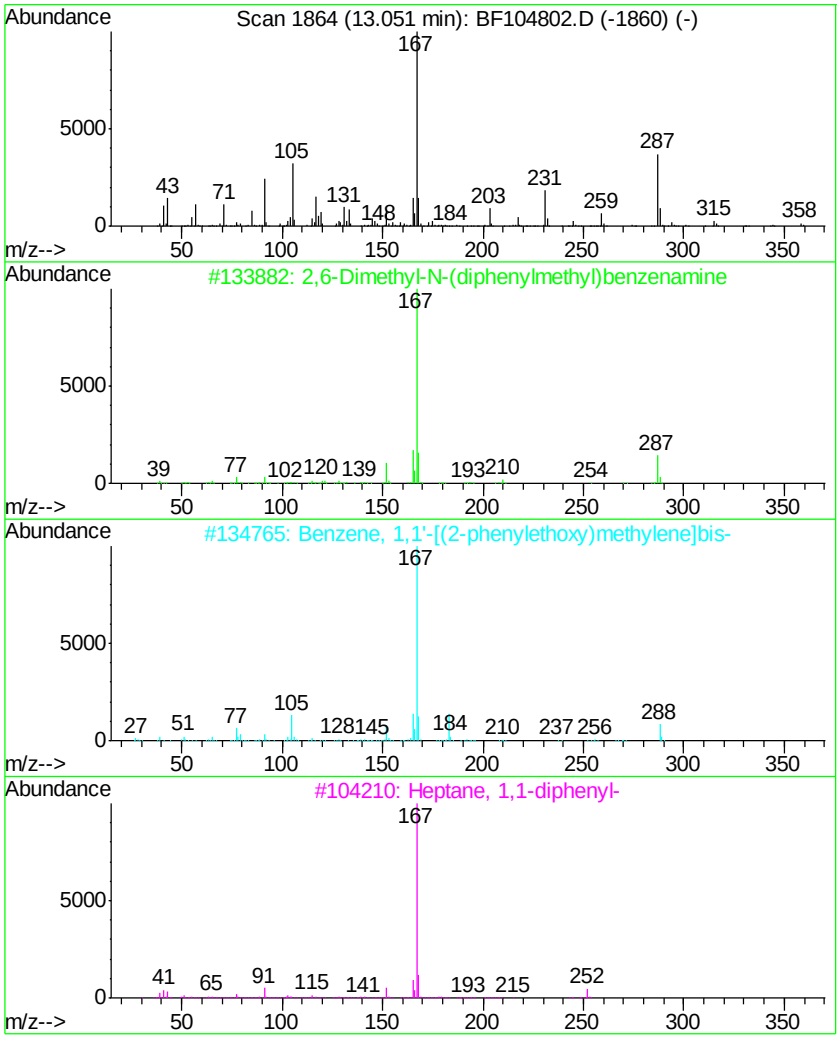
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

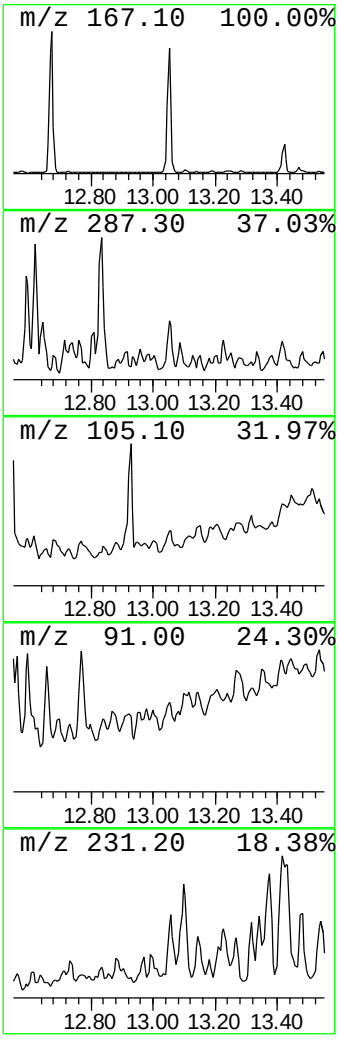
****

Peak Number 17 2,6-Dimethyl-N-(diphenylmet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	51.57 ng	1823190	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-N-(diphenylmethyl)b...	287	C21H21N	1000326-47-3	64
2	Benzene, 1,1'-[(2-phenylethoxy)m...	288	C21H20O	067810-88-2	53
3	Heptane, 1,1-diphenyl-	252	C19H24	001530-05-8	43
4	Benzene, 1,1',1'',1'''-(1,2-etha...	334	C26H22	000632-50-8	43
5	Acetic acid, diphenyl-, ethyl ester	240	C16H16O2	003468-99-3	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

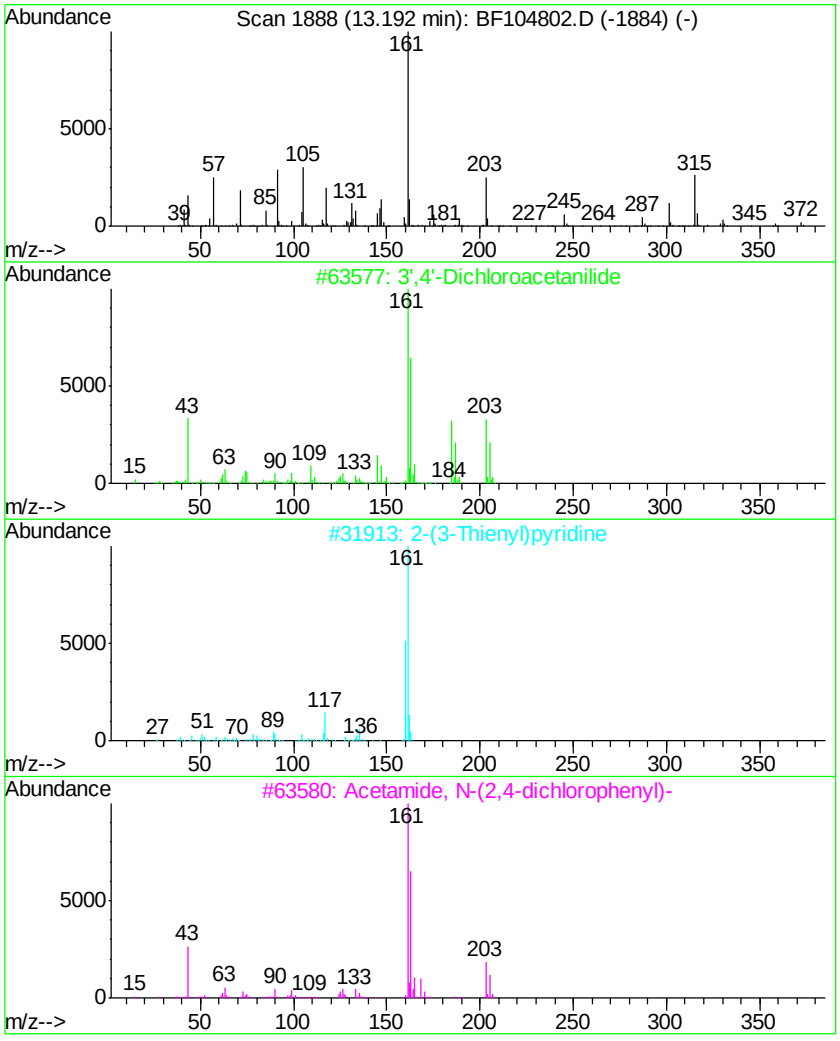
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

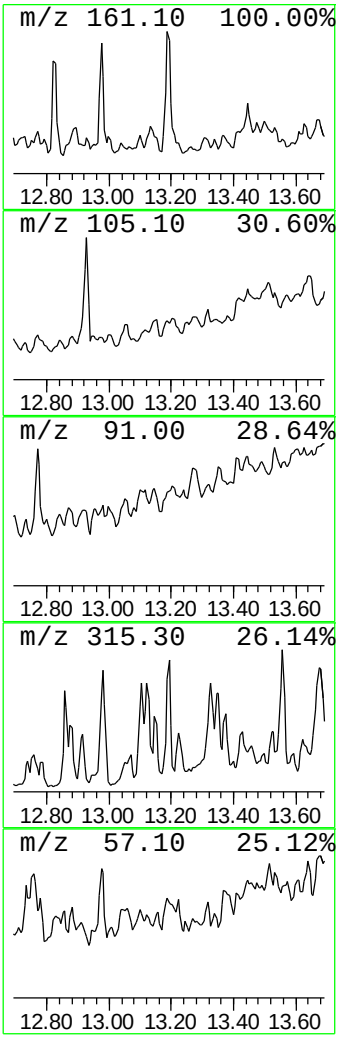
****

Peak Number 18 3',4'-Dichloroacetanilide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	44.23 ng	1563690	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Dichloroacetanilide	203	C8H7Cl2NO	002150-93-8	50
2	2-(3-Thienyl)pyridine	161	C9H7NS	021298-55-5	47
3	Acetamide, N-(2,4-dichlorophenyl)-	203	C8H7Cl2NO	006975-29-7	47
4	p-Trifluoromethylacetanilide	203	C9H8F3NO	000349-97-3	47
5	Oxalic acid, monoamide, monohydr...	309	C18H19N3O2	339239-69-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

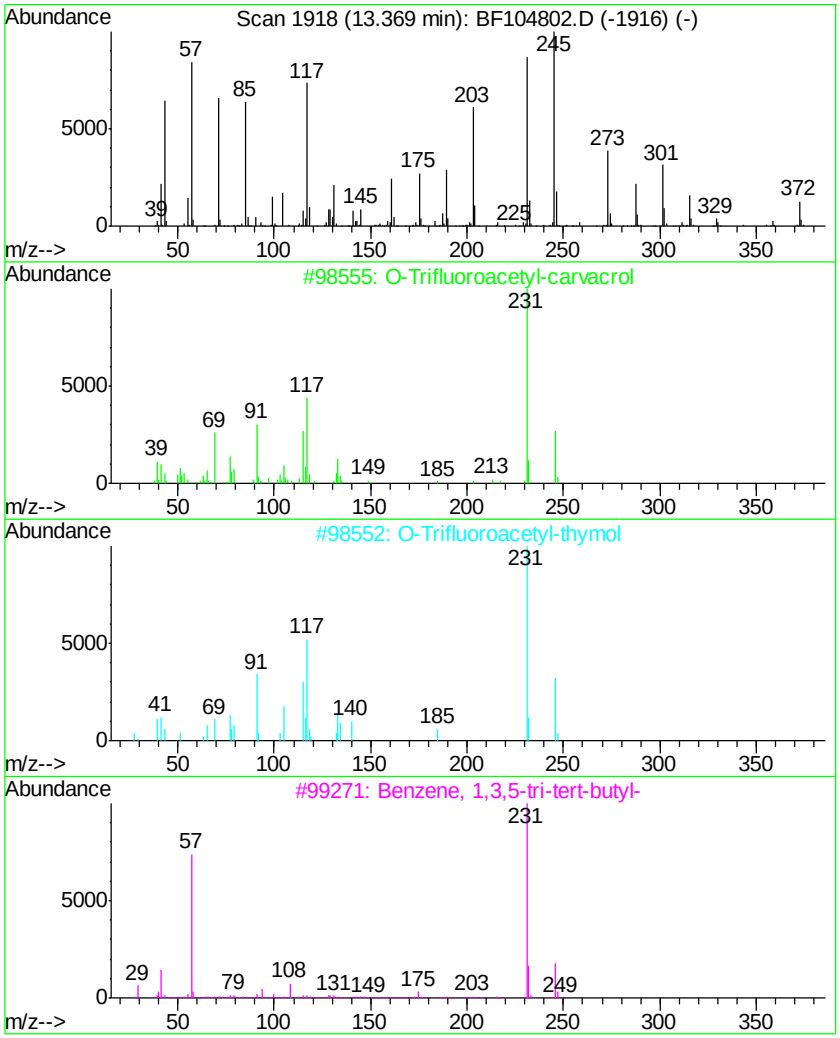
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

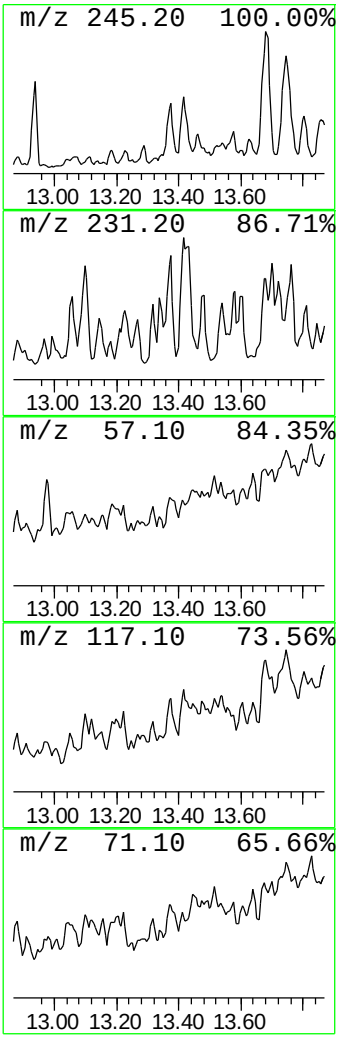
****

Peak Number 19 unknown13.37 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	28.38 ng	1003340	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Trifluoroacetyl-carvacrol	246	C12H13F3O2	028664-29-1	25
2	O-Trifluoroacetyl-thymol	246	C12H13F3O2	028664-28-0	22
3	Benzene, 1,3,5-tri-tert-butyl-	246	C18H30	001460-02-2	14
4	Silane, dimethyloctyloxybutoxy-	260	C14H32O2Si	1000346-74-1	14
5	1H-Pyrazole-4-carboxylic acid, 3...	301	C16H19N3O3	1000303-76-9	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

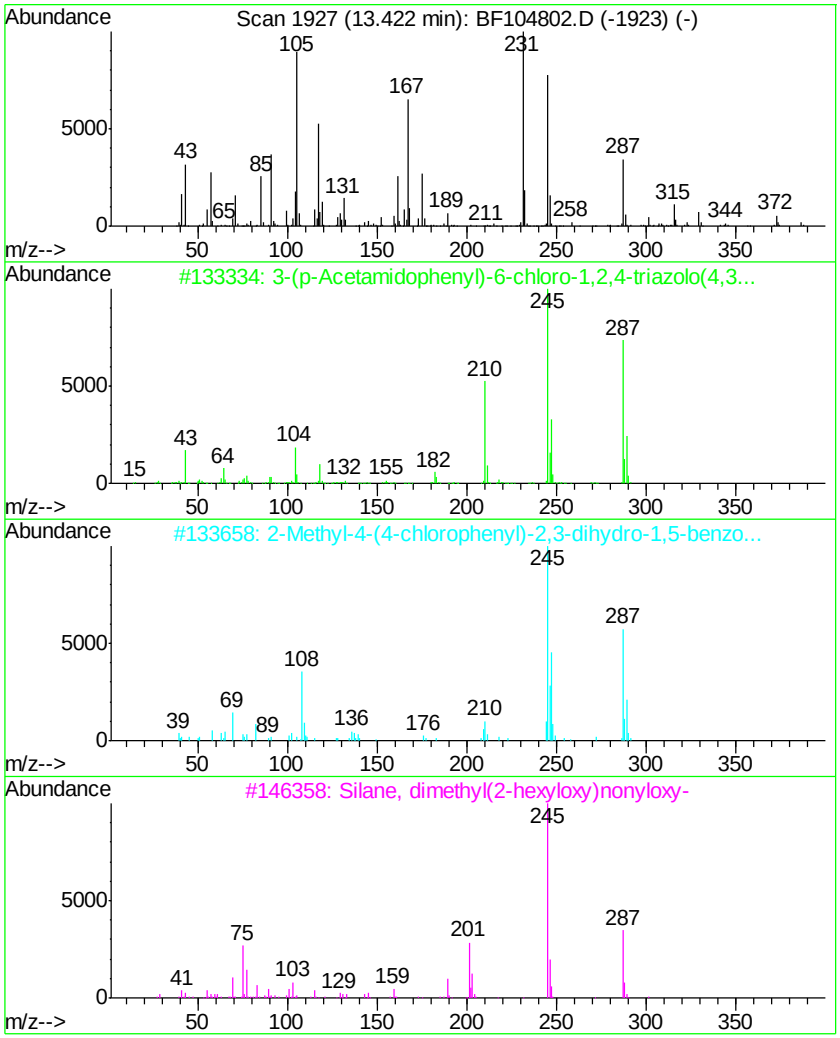
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

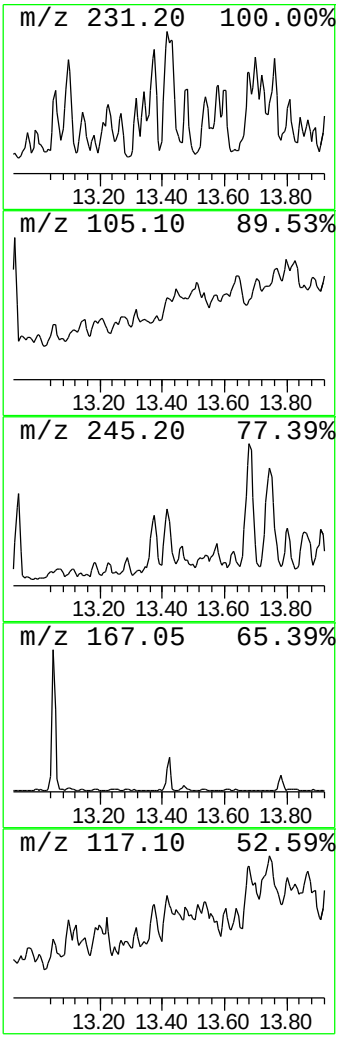
****

Peak Number 20 unknown13.42 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	39.38 ng	1392040	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(p-Acetamidophenyl)-6-chloro-1...	287	C13H10ClN5O	1000239-76-6	30
2	2-Methyl-4-(4-chlorophenyl)-2,3-...	287	C16H14ClNS	078031-24-0	27
3	Silane, dimethyl(2-hexyloxy)nony...	302	C17H38O2Si	1000347-68-0	27
4	Benzene, 1,2,4,5-tetrakis(1-meth...	246	C18H30	000635-11-0	18
5	Benzene, 1,3,5-tri-tert-butyl-	246	C18H30	001460-02-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042518\
Data File : BF104802.D
Acq On : 25 Apr 2018 21:15
Operator : JU/SJ
Sample : J2510-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.57	6.57	74.8	ng	3370860	1	6.80	901930	20.0
unknown7.47	7.47	31.6	ng	1453010	2	8.09	918147	20.0
Hexanoic acid, 2-...	7.64	39.1	ng	1796400	2	8.09	918147	20.0
3-Methyl-hexanoic...	7.72	58.1	ng	2665360	2	8.09	918147	20.0
unknown7.78	7.78	58.0	ng	2663960	2	8.09	918147	20.0
unknown7.82	7.82	45.1	ng	2072330	2	8.09	918147	20.0
unknown7.85	7.85	28.4	ng	1305730	2	8.09	918147	20.0
Benzene, (1-ethyl...	11.55	29.4	ng	5481790	4	11.34	3733880	20.0
Benzene, (1-methy...	11.74	56.0	ng	10456100	4	11.34	3733880	20.0
Benzene, (1-penty...	11.79	74.2	ng	13849300	4	11.34	3733880	20.0
Benzene, (1-butyl...	11.82	41.5	ng	7755400	4	11.34	3733880	20.0
Benzene, (1-ethyl...	12.00	95.2	ng	17767500	4	11.34	3733880	20.0
Benzene, (1-methy...	12.20	113.3	ng	21153000	4	11.34	3733880	20.0
2,6-Dimethyl-N-(d...	13.05	51.6	ng	1823190	5	14.00	707022	20.0
3',4'-Dichloroace...	13.19	44.2	ng	1563690	5	14.00	707022	20.0
unknown13.37	13.37	28.4	ng	1003340	5	14.00	707022	20.0
unknown13.42	13.42	39.4	ng	1392040	5	14.00	707022	20.0