LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

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-BF110817.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	2.169	11	14	24	rVB	38495	60102	1.92%	0.197%
2	3.875	289	304	309	rVB3	25802	83607	2.67%	0.274%
3	5.104	509	513	519	rBV	125863	176361	5.63%	0.577%
4	5.322	533	550	551	rBV2	53427	152781	4.88%	0.500%
5	5.363	555	557	562	rVB2	69835	58103	1.85%	0.190%
6	5.493	573	579	583	rBV	1410036	1460177	46.61%	4.781%
7	5.681	588	611	614	rVV	87568	331130	10.57%	1.084%
8	5.734	617	620	627	rVB2	39595	47386	1.51%	0.155%
9	5.834	634	637	645	rVB	50435	51192	1.63%	0.168%
10	6.204	682	700	702	rBV2	60331	181214	5.79%	0.593%
11	6.498	741	750	753	rBV	1142833	1107906	35.37%	3.628%
12	6.651	771	776	779	rBV	2441033	2345442	74.88%	7.680%
13	6.704	782	785	789	rVB	77790	61515	1.96%	0.201%
14	6.881	811	815	818	rBV	930764	743180	23.73%	2.433%
15	6.934	818	824	828	rVV2	148427	171458	5.47%	0.561%
16	7.039	837	842	845	rBV	2337201	2170319	69.29%	7.106%
17	7.198	863	869	870	rBV2	40747	42242	1.35%	0.138%
18	7.222	870	873	876	rVV	64139	68464	2.19%	0.224%
19	7.275	879	882	886	rVB	49651	47149	1.51%	0.154%
20	7.410	900	905	906	rBV2	95870	92353	2.95%	0.302%
21	7.445	906	911	914	rVV	1785395	1800409	57.48%	5.895%
22	7.475	914	916	920	rVB	95214	82054	2.62%	0.269%
23	7.551	920	929	933	rBV2	180365	354943	11.33%	1.162%
24	7.675	948	950	954	rVB	46237	39351	1.26%	0.129%
25	7.810	970	973	975	rBV3	25951	35699	1.14%	0.117%
26	7.898	981	988	991	rBV	244503	283938	9.06%	0.930%
27	7.998	1003	1005	1008	rVB	39272	34536	1.10%	0.113%
28	8.057	1012	1015	1019	rBV	185654	164835	5.26%	0.540%
29	8.163	1024	1033	1036	rVV	1196033	1127565	36.00%	3.692%
30	8.216	1039	1042	1045	rVB3	31874	42500	1.36%	0.139%
31	8.310	1056	1058	1064	rBV5	19457	33257	1.06%	0.109%
32	8.386	1068	1071	1072	rVV2	47737	50997	1.63%	0.167%
33	8.398	1072	1073	1078	rVB5	36229	39027	1.25%	0.128%
34	8.486	1086	1088	1094	rBV6	35735	53623	1.71%	0.176%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.545	1094	1098	1100	rBV2	37136	37215	1.19%	0.122%
36	8.628	1108	1112	1114	rVB2	45997	53589	1.71%	0.175%
37	8.663	1114	1118	1123	rBV2	104943	102566	3.27%	0.336%
38	8.710	1123	1126	1130	rBV2	324566	285983	9.13%	0.936%
39	8.763	1130	1135	1137	rBV2	253500	305532	9.75%	1.000%
40	8.822	1142	1145	1146	rVV	68011	70476	2.25%	0.231%
41	8.839	1146	1148	1151	rVV	100857	93250	2.98%	0.305%
42	8.875	1151	1154	1158	rVB	83063	69528	2.22%	0.228%
43	8.975	1166	1171	1174	rBV2	83565	111508	3.56%	0.365%
44	9.104	1190	1193	1196	rBV3	47098	53890	1.72%	0.176%
45	9.239	1211	1216	1219	rVB	3350668	3132427	100.00%	10.257%
46	9.310	1226	1228	1231	rVB	128888	95669	3.05%	0.313%
47	9.381	1236	1240	1243	rVB3	225878	231502	7.39%	0.758%
48	9.504	1257	1261	1264	rVB3	51976	72769	2.32%	0.238%
49	9.575	1265	1273	1275	rBV	93261	145506	4.65%	0.476%
50	9.598	1275	1277	1279	rVV2	61492	51256	1.64%	0.168%
51	9.633	1279	1283	1285	rVV3	58138	73815	2.36%	0.242%
52	9.669	1285	1289	1291	rVV	244555	221730	7.08%	0.726%
53	9.692	1291	1293	1298	rVB2	49804	45279	1.45%	0.148%
54	9.775	1304	1307	1309	rBV3	32591	35048	1.12%	0.115%
55	9.839	1312	1318	1321	rVV2	179643	186927	5.97%	0.612%
56	9.880	1321	1325	1326	rVV	57323	56866	1.82%	0.186%
57	9.916	1327	1331	1334	rVV2	1223687	1091208	34.84%	3.573%
58	9.945	1334	1336	1340	rVB	58284	54804	1.75%	0.179%
59	10.110	1360	1364	1370	rVB8	56384	92883	2.97%	0.304%
60	10.157	1370	1372	1376	rBV4	50483	53072	1.69%	0.174%
61	10.228	1381	1384	1387	rBV3	45123	59502	1.90%	0.195%
62	10.269	1387	1391	1397	rVB4	42376	80064	2.56%	0.262%
63	10.339	1397	1403	1406	rBV	222311	198767	6.35%	0.651%
64	10.557	1436	1440	1446	rVB2	69633	105229	3.36%	0.345%
65	10.627	1450	1452	1459	rVB	91850	89285	2.85%	0.292%
66	10.710	1459	1466	1469	rBV	1773238	1912807	61.06%	6.263%
67	10.810	1481	1483	1493	rVB2	214478	303106	9.68%	0.992%
68	11.016	1513	1518	1521	rBV	149052	155453	4.96%	0.509%
69	11.057	1523	1525	1529	rVB4	35953	37727	1.20%	0.124%
70	11.257	1556	1559	1562	rBV	168265	162265	5.18%	0.531%
71	11.292	1562	1565	1571	rVB	99821	114838	3.67%	0.376%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.404	1580	1584	1587	rBV	1244673	1080972	34.51%	3.539%
73	11.569	1610	1612	1616	rVB4	39298	38020	1.21%	0.124%
74	11.639	1622	1624	1628	rVB3	34469	38841	1.24%	0.127%
75	11.686	1629	1632	1635	rVB	167666	129563	4.14%	0.424%
76	11.780	1646	1648	1651	rVB2	73015	68726	2.19%	0.225%
77	11.922	1669	1672	1675	rBV	342689	284238	9.07%	0.931%
78	12.092	1698	1701	1705	rBV	134663	111007	3.54%	0.363%
79	12.374	1747	1749	1751	rBV2	44525	39658	1.27%	0.130%
80	12.480	1763	1767	1771	rBV3	147448	224288	7.16%	0.734%
81	12.663	1796	1798	1801	rVB	155326	117744	3.76%	0.386%
82	12.704	1802	1805	1809	rBV2	124760	151123	4.82%	0.495%
83	12.839	1826	1828	1829	rBV2	78862	60727	1.94%	0.199%
84	12.986	1849	1853	1856	rBV	2393044	2386273	76.18%	7.813%
85	13.204	1888	1890	1893	rBV	102302	107297	3.43%	0.351%
86	14.039	2029	2032	2035	rVB	782268	655535	20.93%	2.146%
87	14.710	2144	2146	2151	rVB3	165811	166429	5.31%	0.545%
88	14.804	2159	2162	2168	rVV2	194212	237444	7.58%	0.777%
89	14.868	2171	2173	2175	rBV	104840	78424	2.50%	0.257%
90	14.992	2192	2194	2198	rVB	166286	158939	5.07%	0.520%
91	15.092	2208	2211	2216	rVB	143583	159983	5.11%	0.524%
92	15.515	2279	2283	2289	rVB	476253	607410	19.39%	1.989%

Sum of corrected areas: 30540797

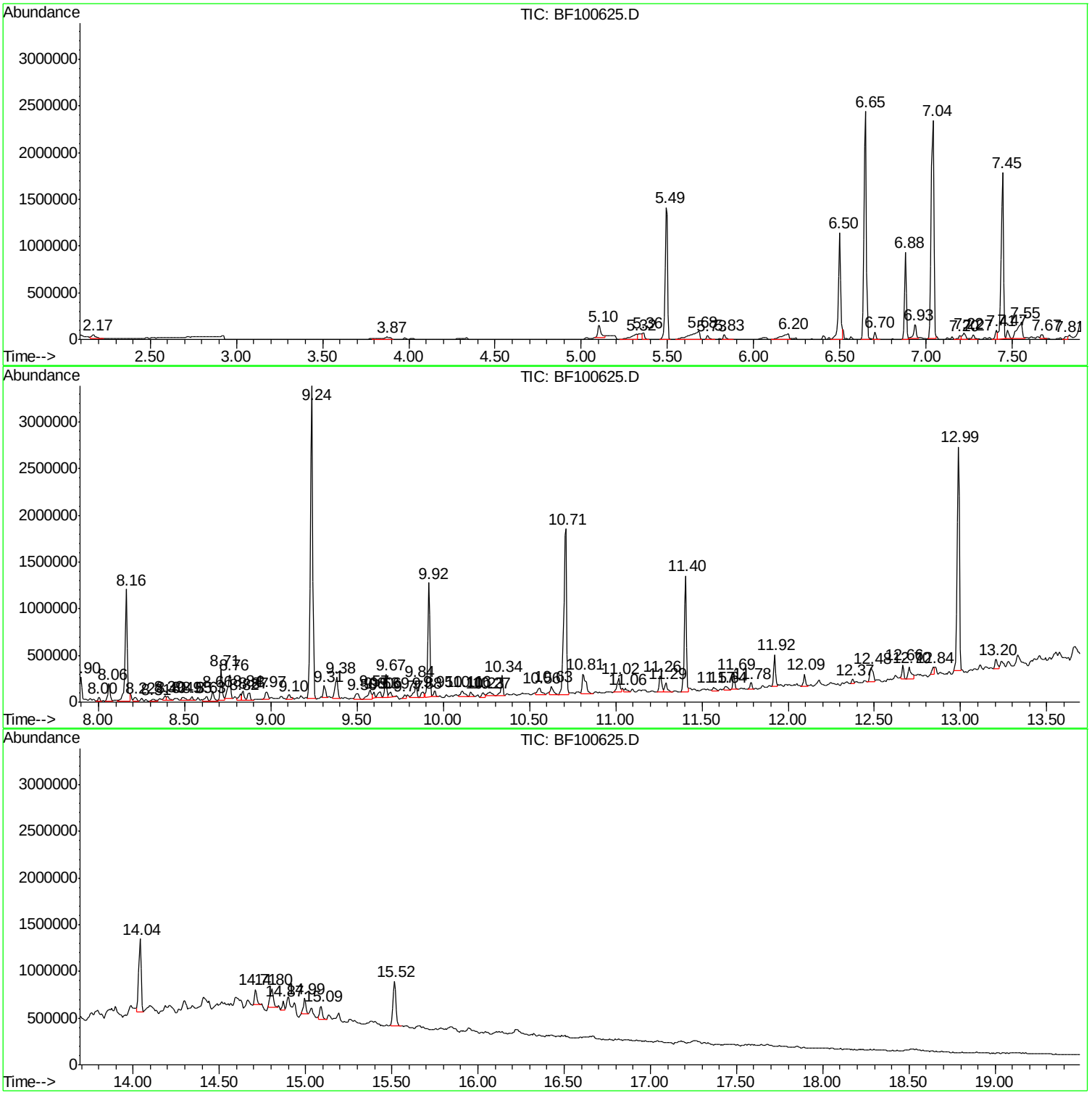
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

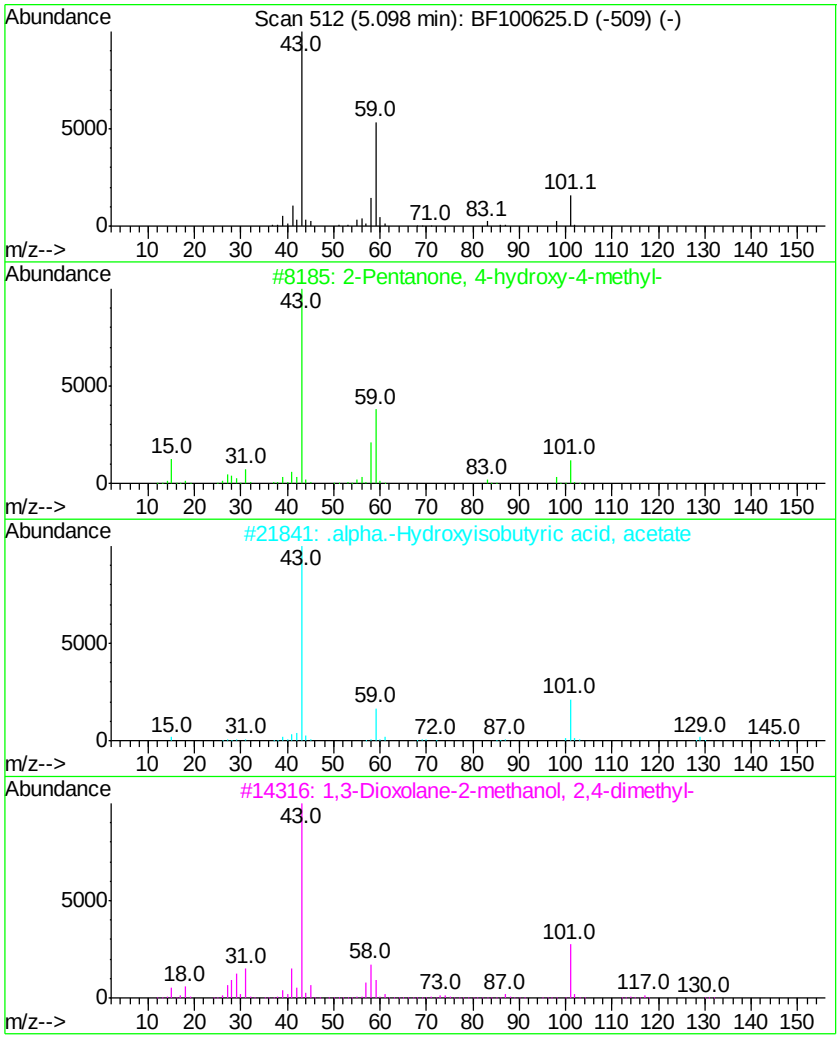
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

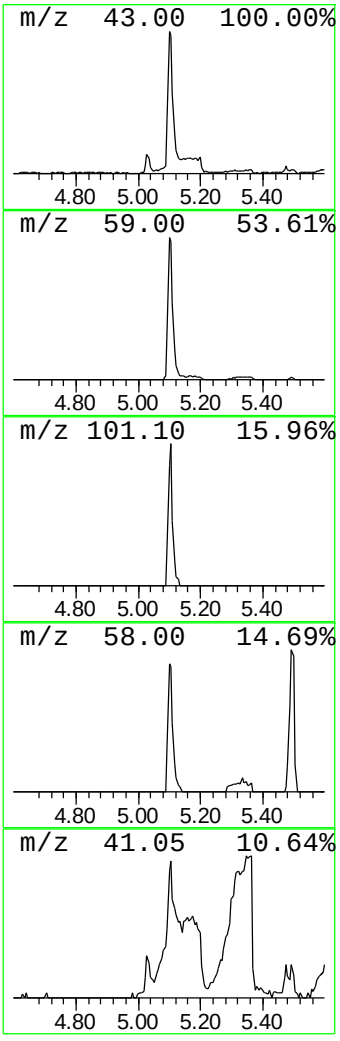
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.75 ng	176361	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	50
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	37
4	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	23
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

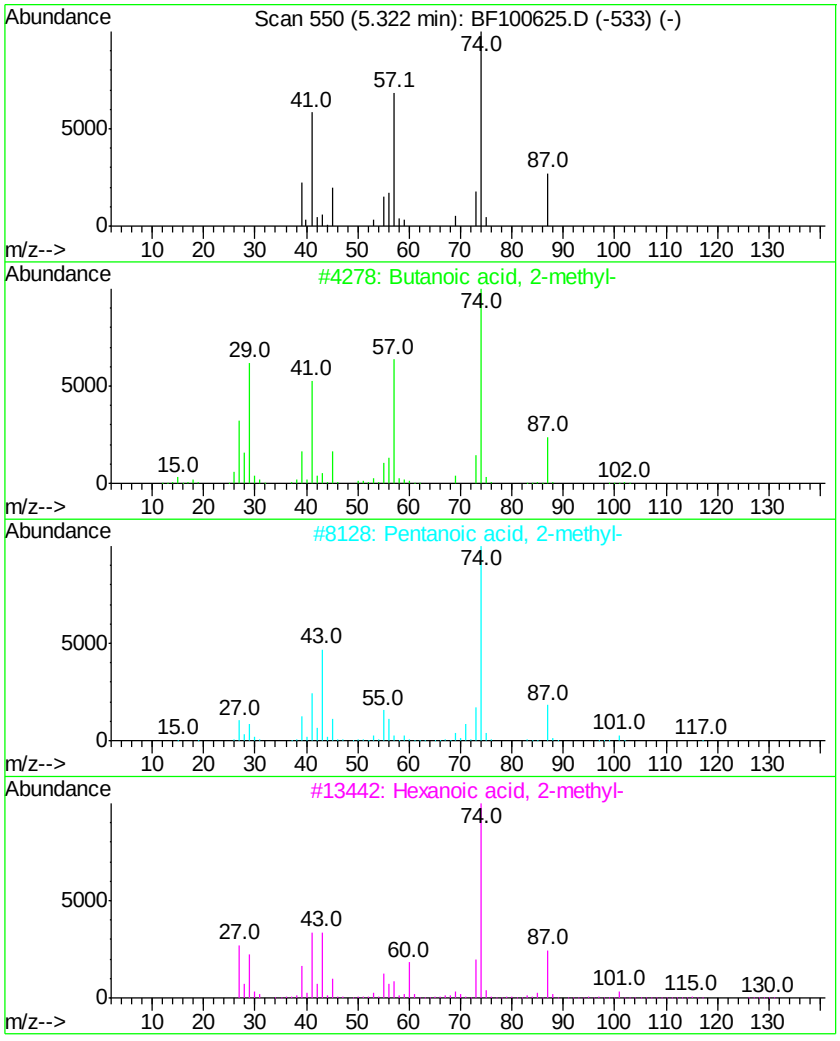
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

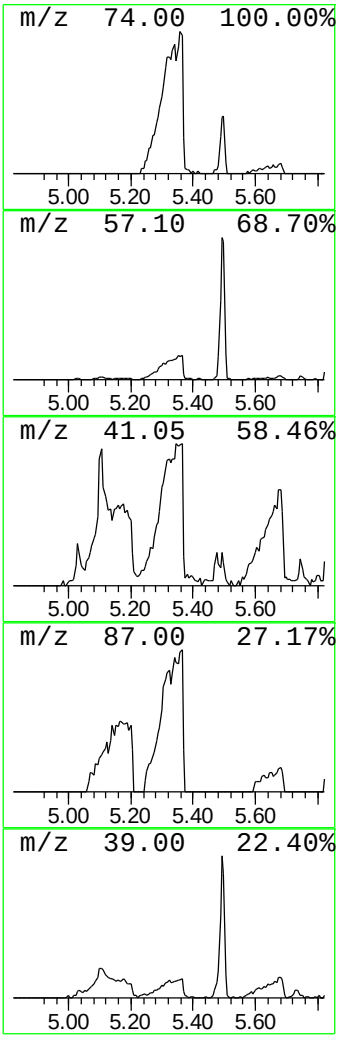
****

Peak Number 2 Butanoic acid, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	4.11 ng	152781	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	39
4	Propanoic acid	74	C3H6O2	000079-09-4	9
5	Oxalic acid, ethyl isobutyl ester	174	C8H14O4	1000309-36-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

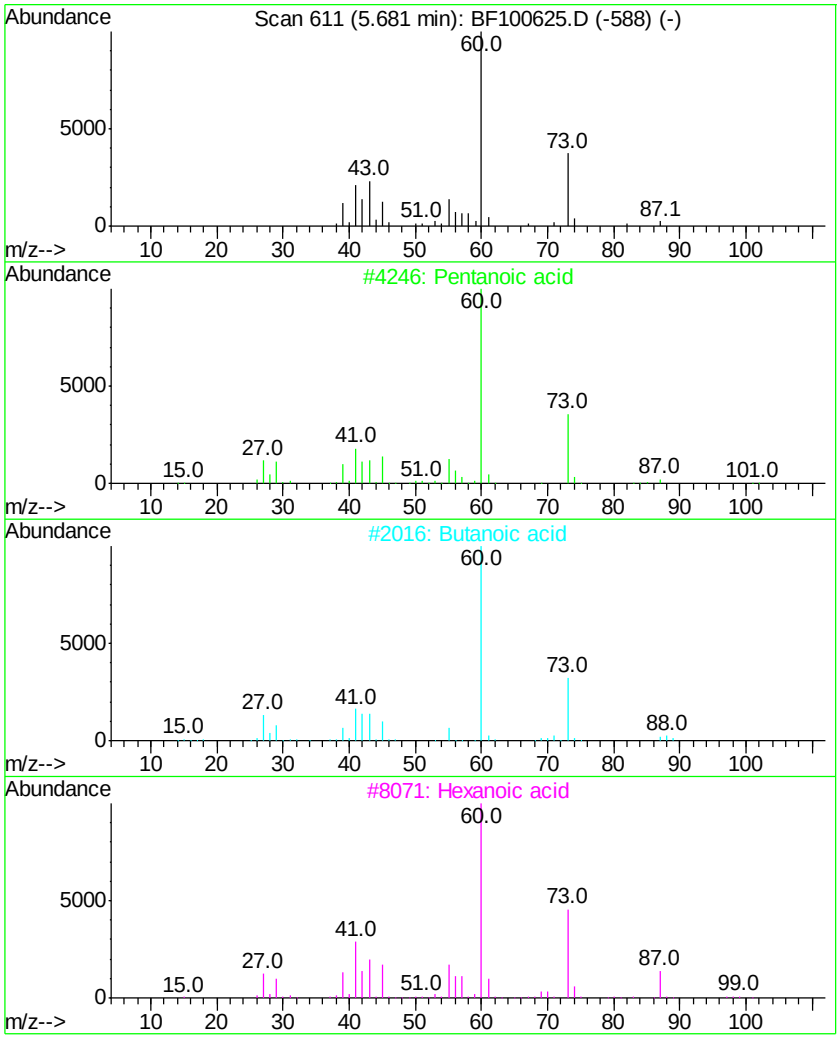
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

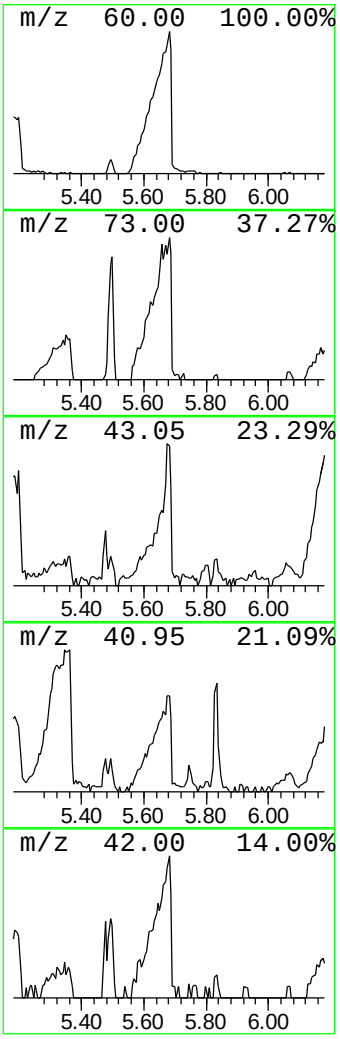
****

Peak Number 3 Pentanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	8.91 ng	331130	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Butanoic acid	88	C4H8O2	000107-92-6	78
3	Hexanoic acid	116	C6H12O2	000142-62-1	43
4	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	40
5	.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

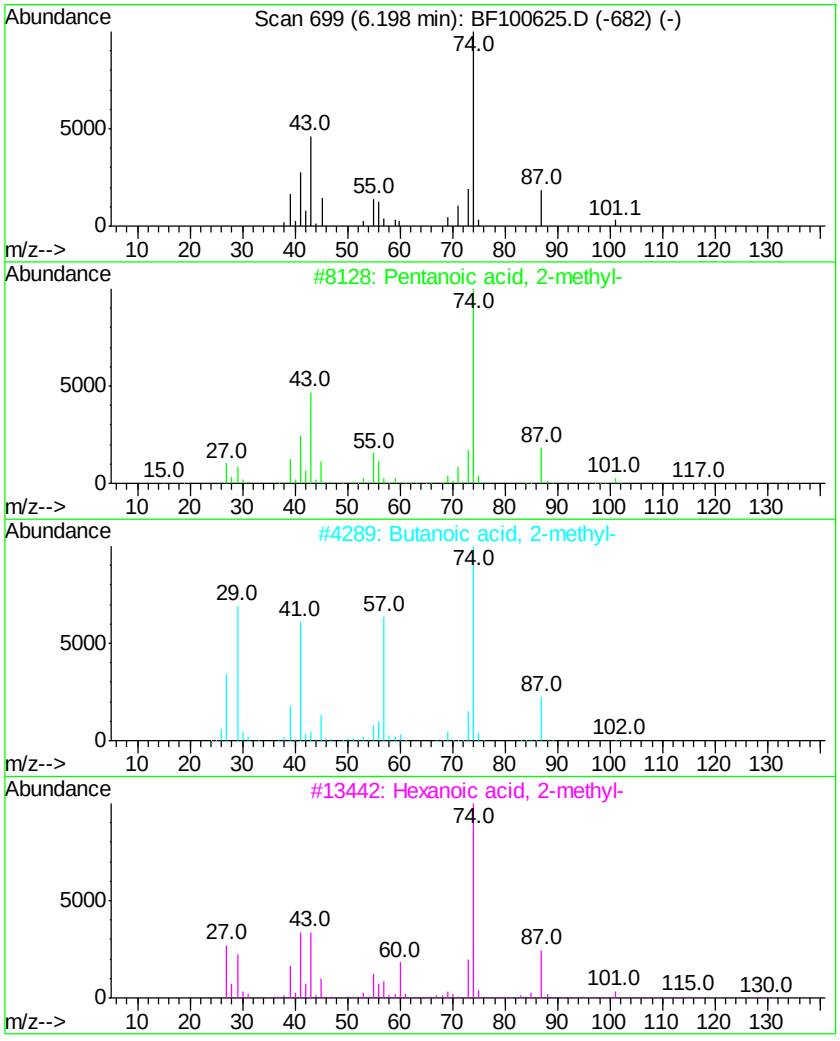
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

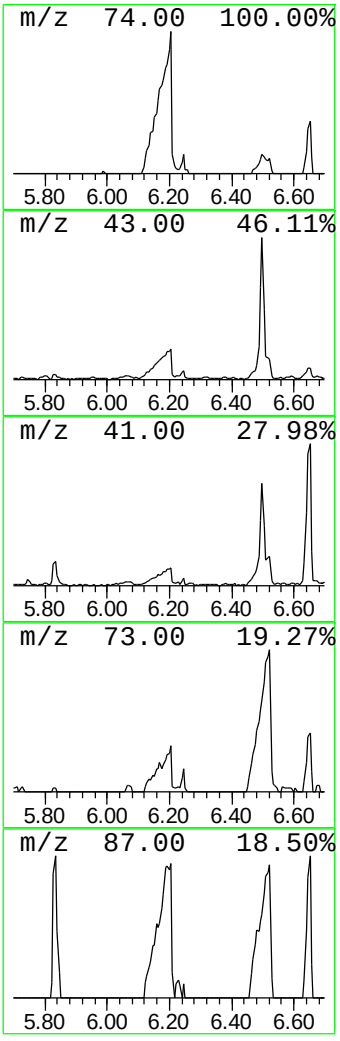
****

Peak Number 4 Pentanoic acid, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.88 ng	181214	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	83
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	39
4	Urea, methyl-	74	C2H6N2O	000598-50-5	9
5	Isobutylamine	73	C4H11N	000078-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

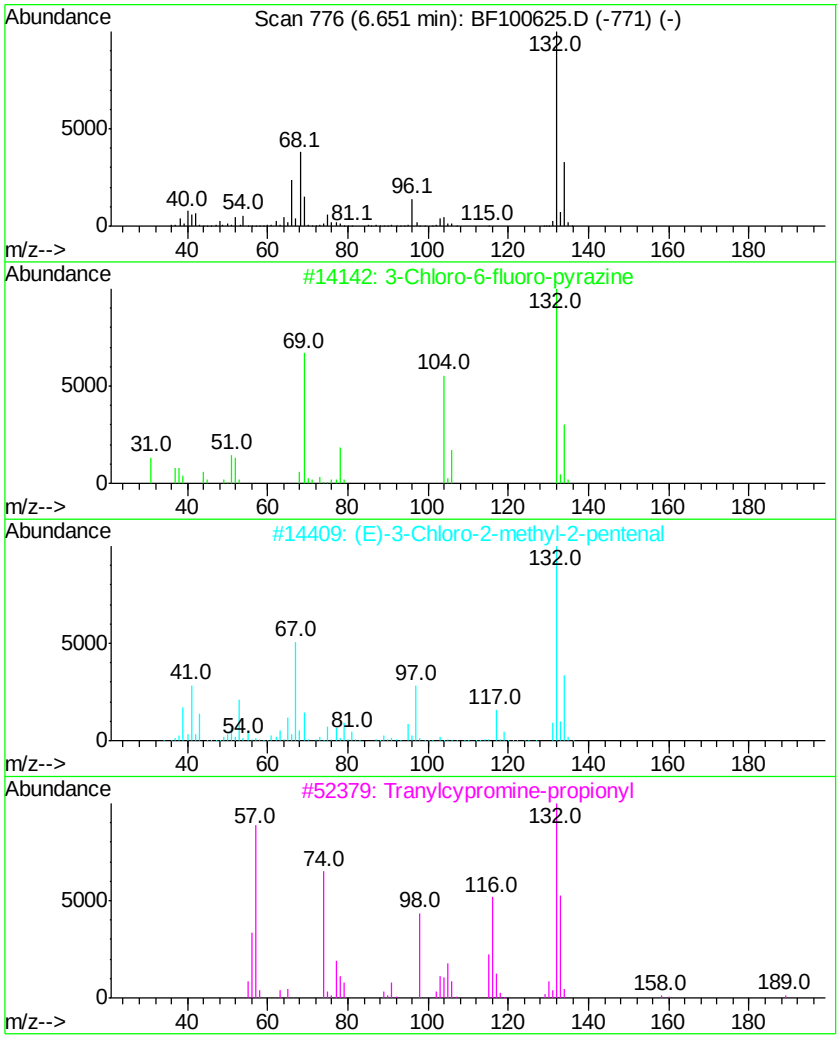
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

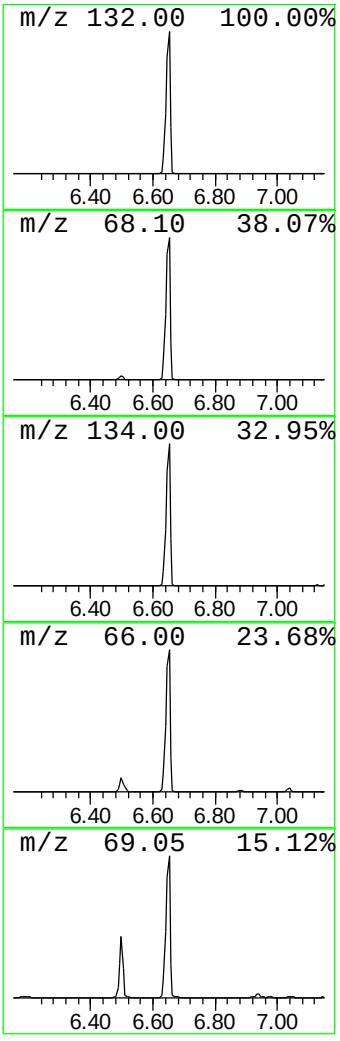
****

Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	63.12 ng	2345440	1,4-Dichlorobenzene-d4	6.88

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

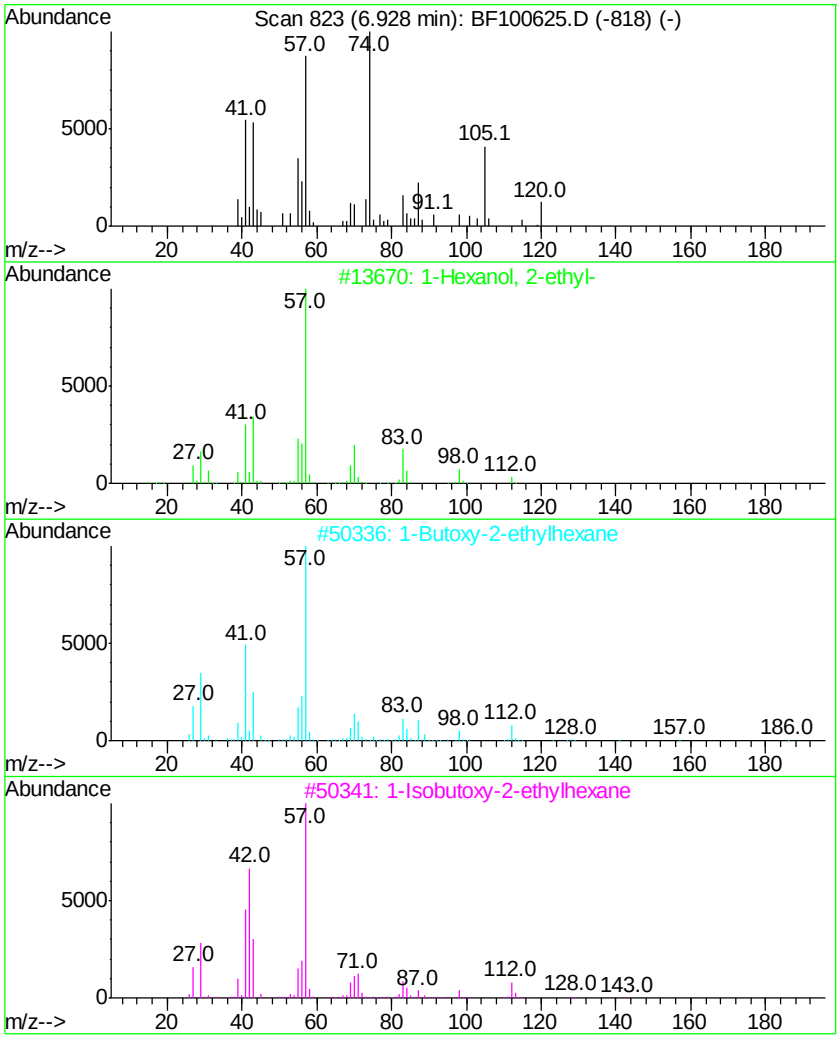
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

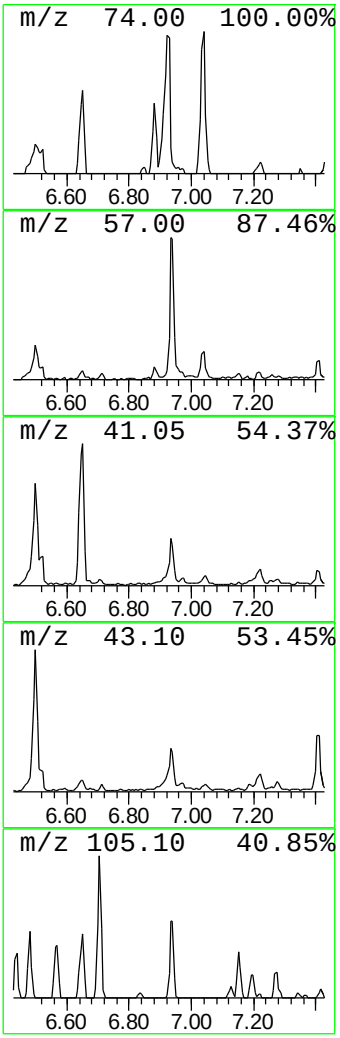
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	4.61 ng	171458	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
2	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	50
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	38
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	37
5	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

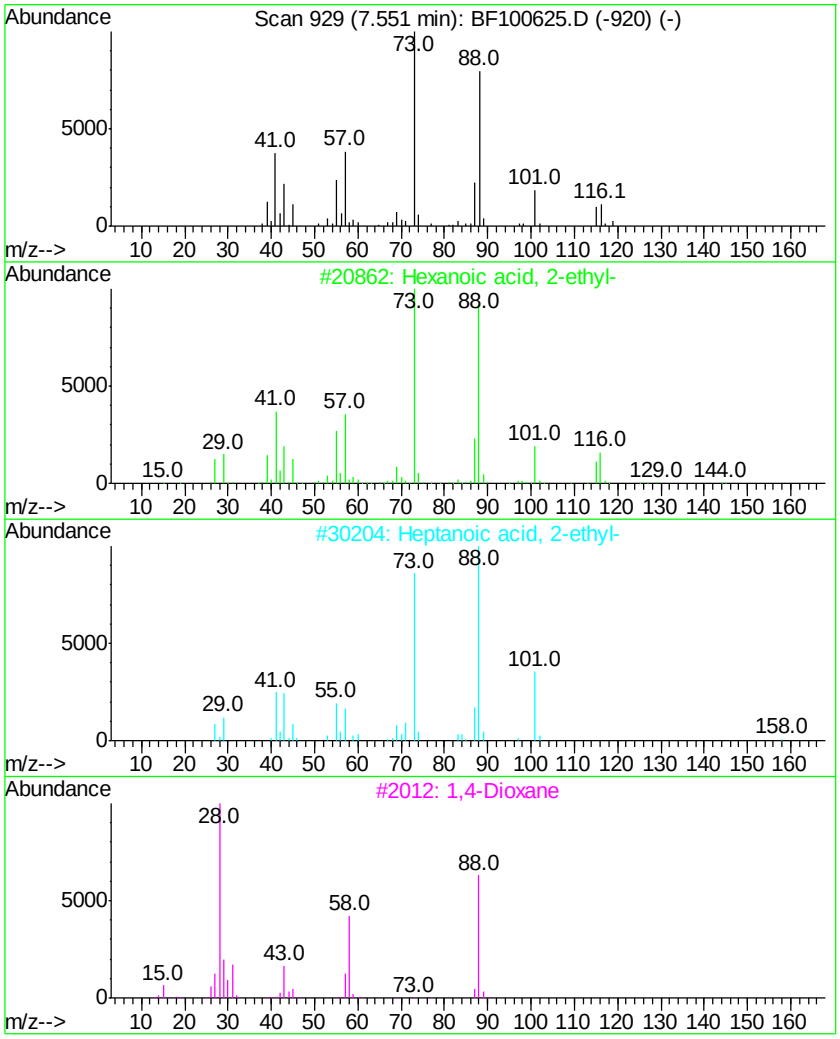
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

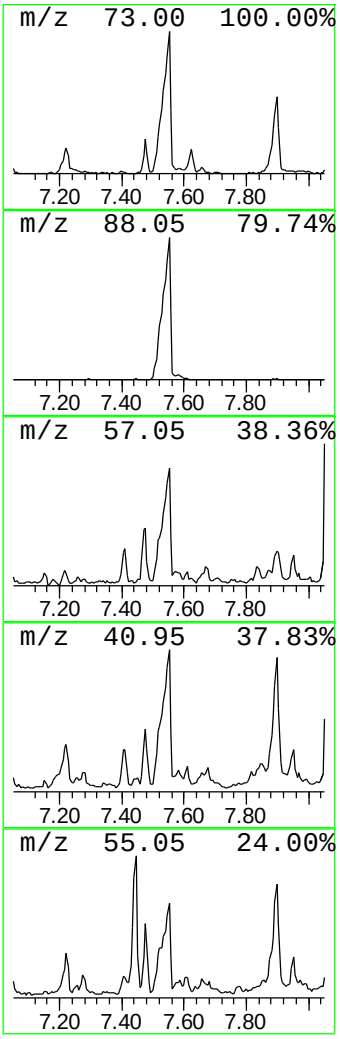
****

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	6.30 ng	354943	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	47
4	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
5	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

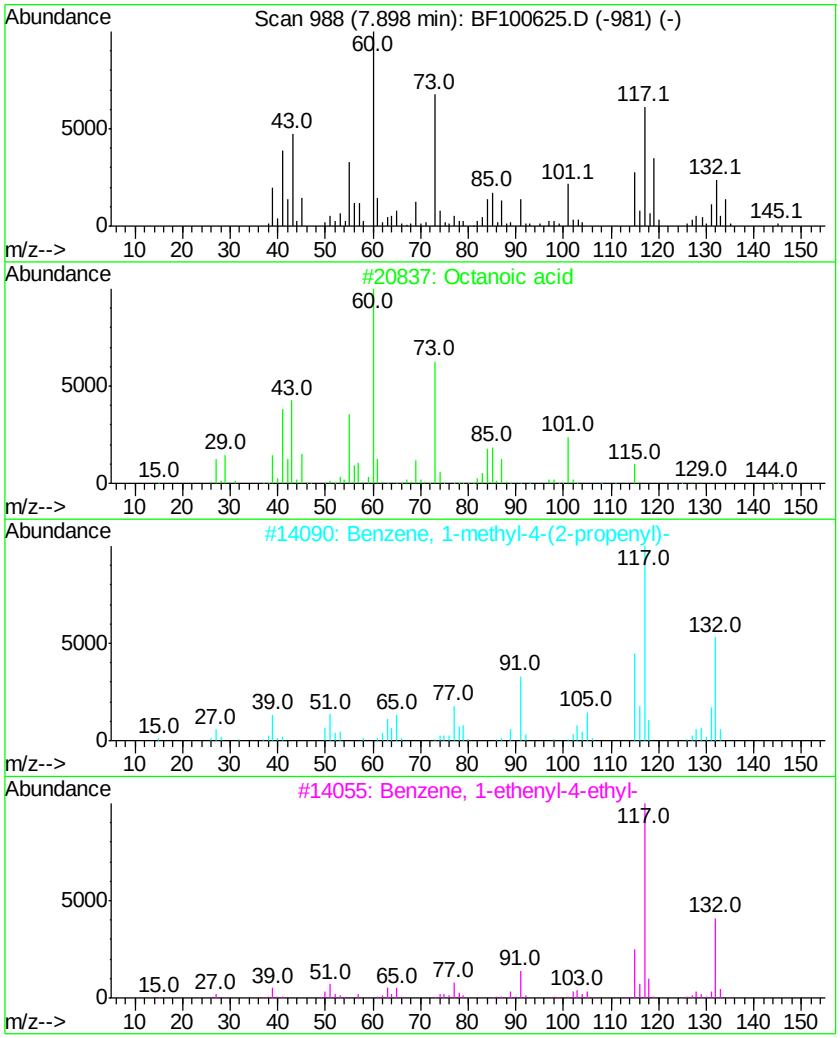
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

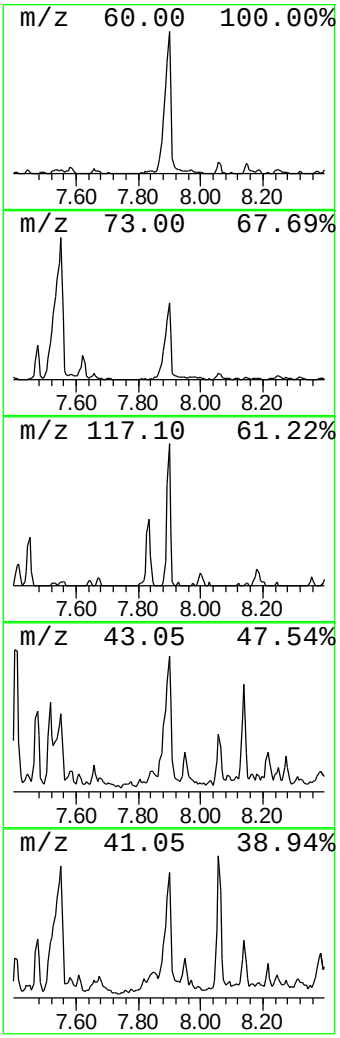
****

Peak Number 9 unknown7.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	5.04 ng	283938	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	43
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	35
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	35
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

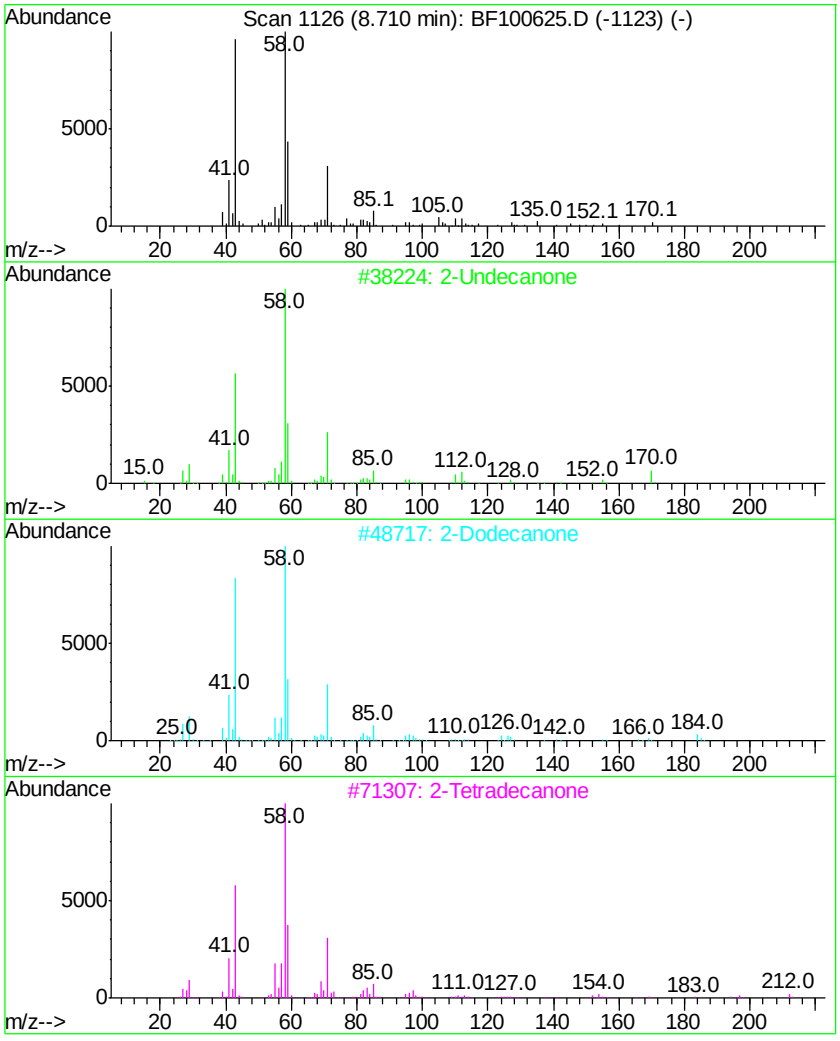
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

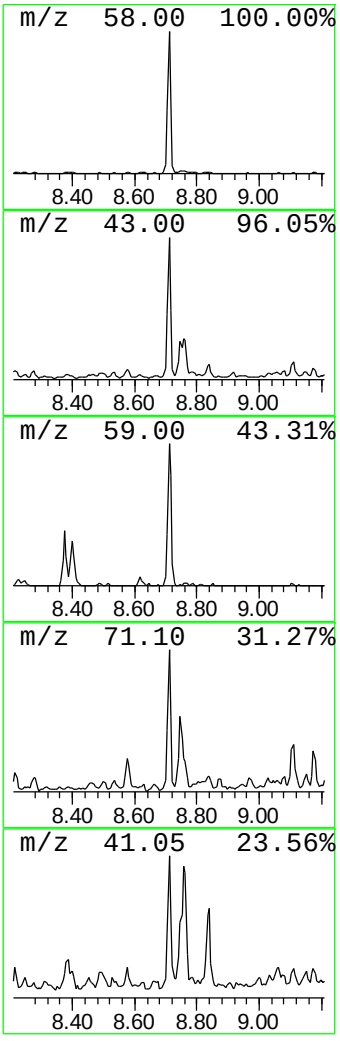
****

Peak Number 10 2-Undecanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	5.07 ng	285983	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone	170	C11H22O	000112-12-9	72
2	2-Dodecanone	184	C12H24O	006175-49-1	64
3	2-Tetradecanone	212	C14H28O	002345-27-9	59
4	2-Octanone	128	C8H16O	000111-13-7	59
5	2-Nonanone	142	C9H18O	000821-55-6	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

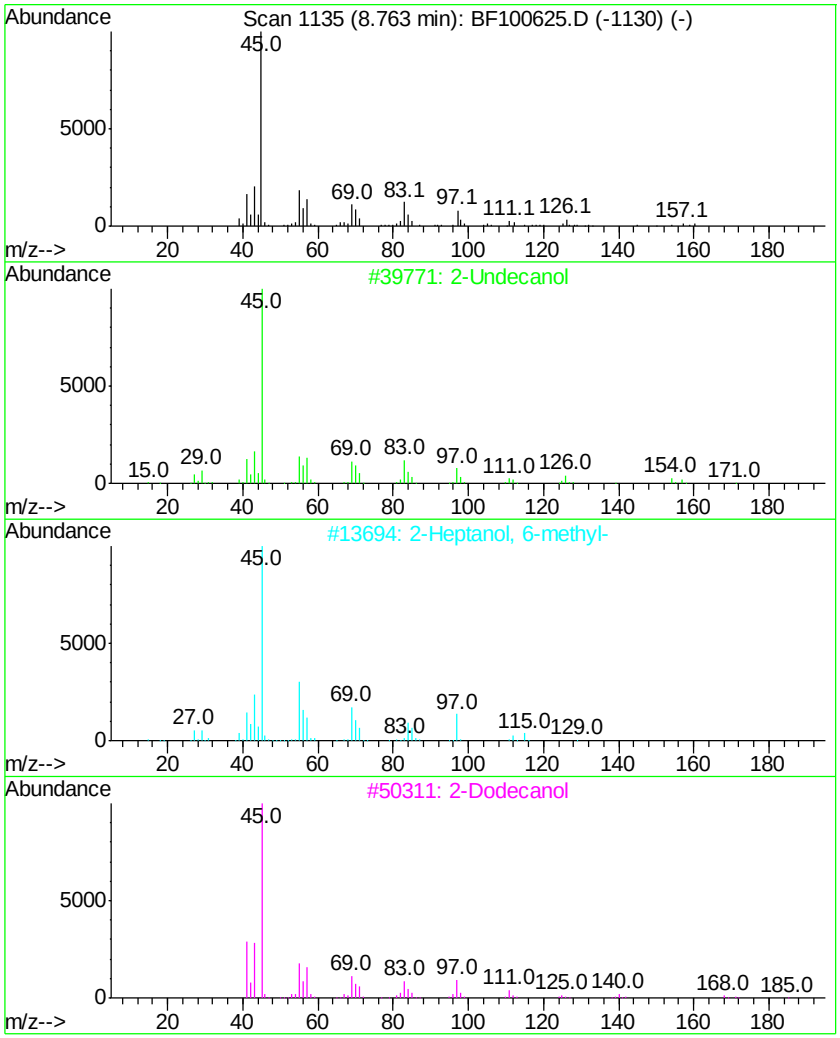
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

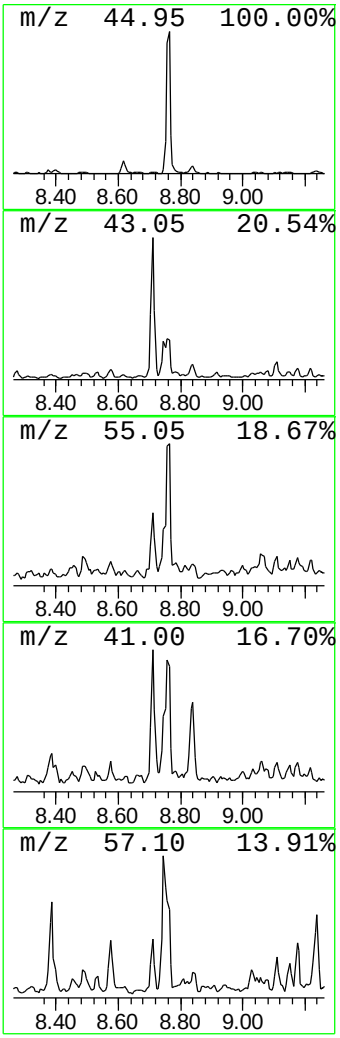
****

Peak Number 11 2-Undecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.42 ng	305532	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanol	172	C11H24O	001653-30-1	90
2	2-Heptanol, 6-methyl-	130	C8H18O	004730-22-7	78
3	2-Dodecanol	186	C12H26O	010203-28-8	78
4	2-Octanol	130	C8H18O	000123-96-6	78
5	2-Octanol, (R)-	130	C8H18O	005978-70-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

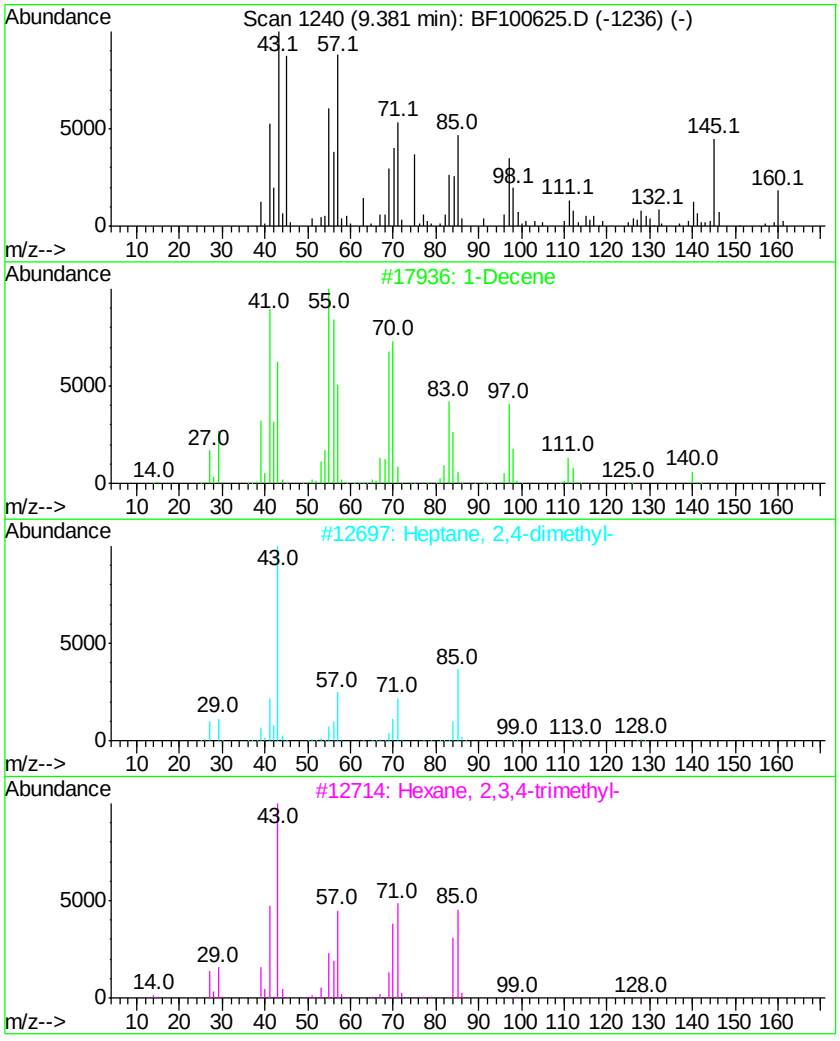
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

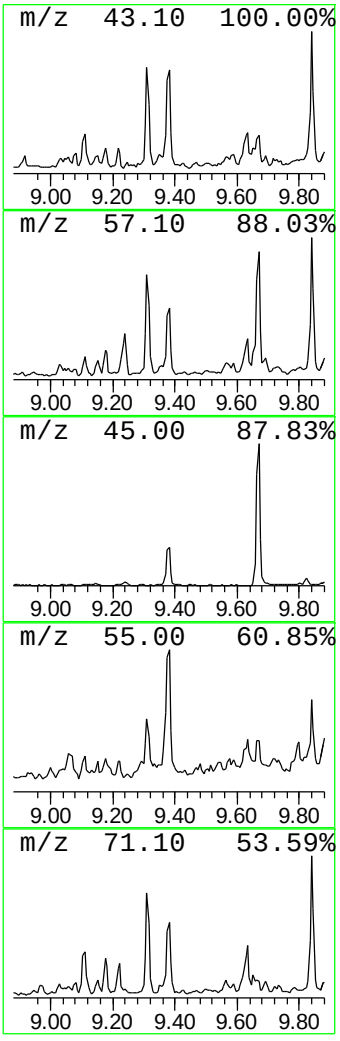
****

Peak Number 12 unknown9.38 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.24 ng	231502	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	38
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27
4	2-Octanol, (S)-	130	C8H18O	006169-06-8	22
5	1-Undecene	154	C11H22	000821-95-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

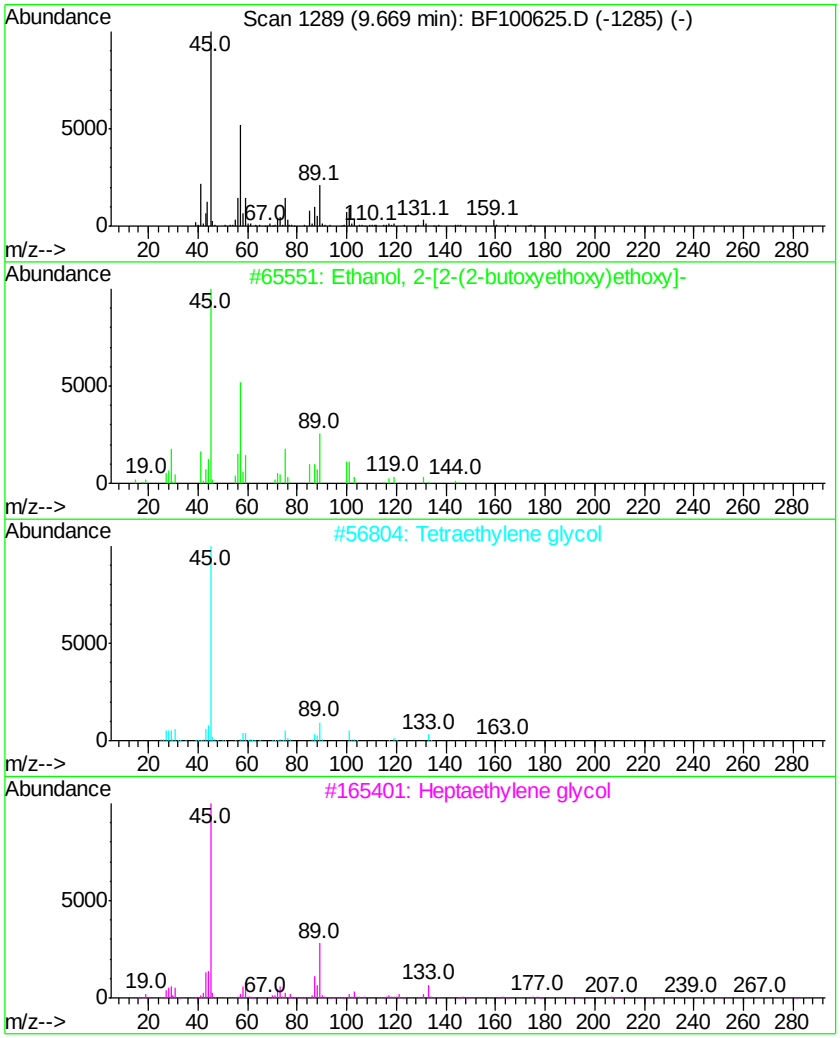
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

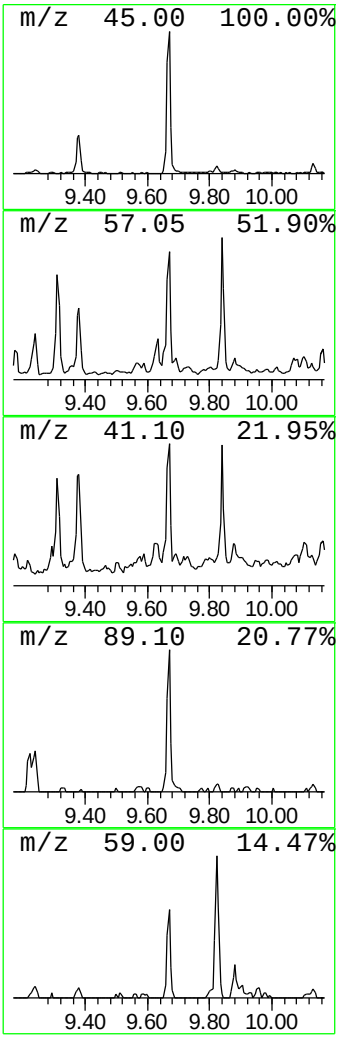
****

Peak Number 13 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	4.06 ng	221730	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	72
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

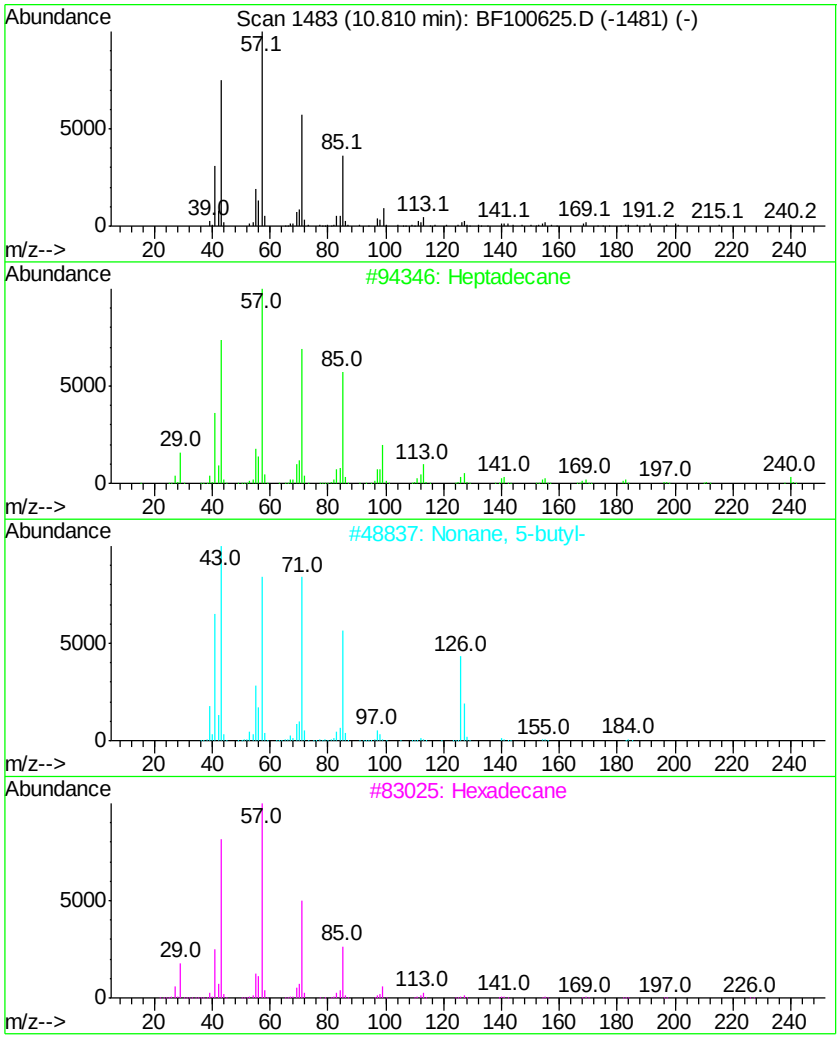
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

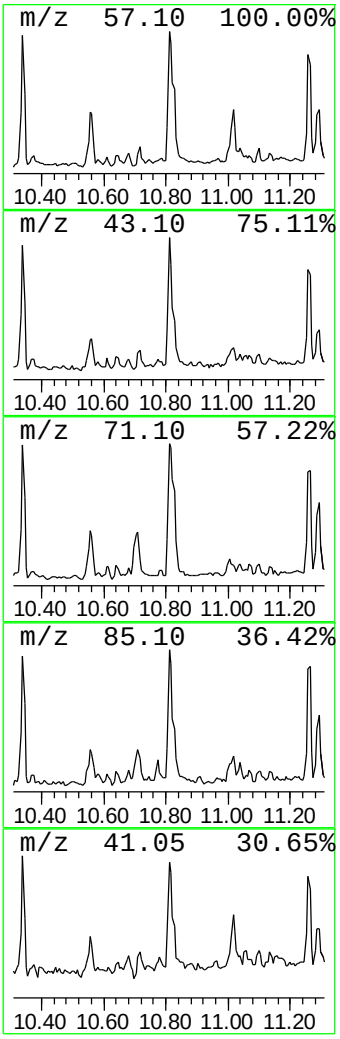
****

Peak Number 14 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	5.61 ng	303106	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

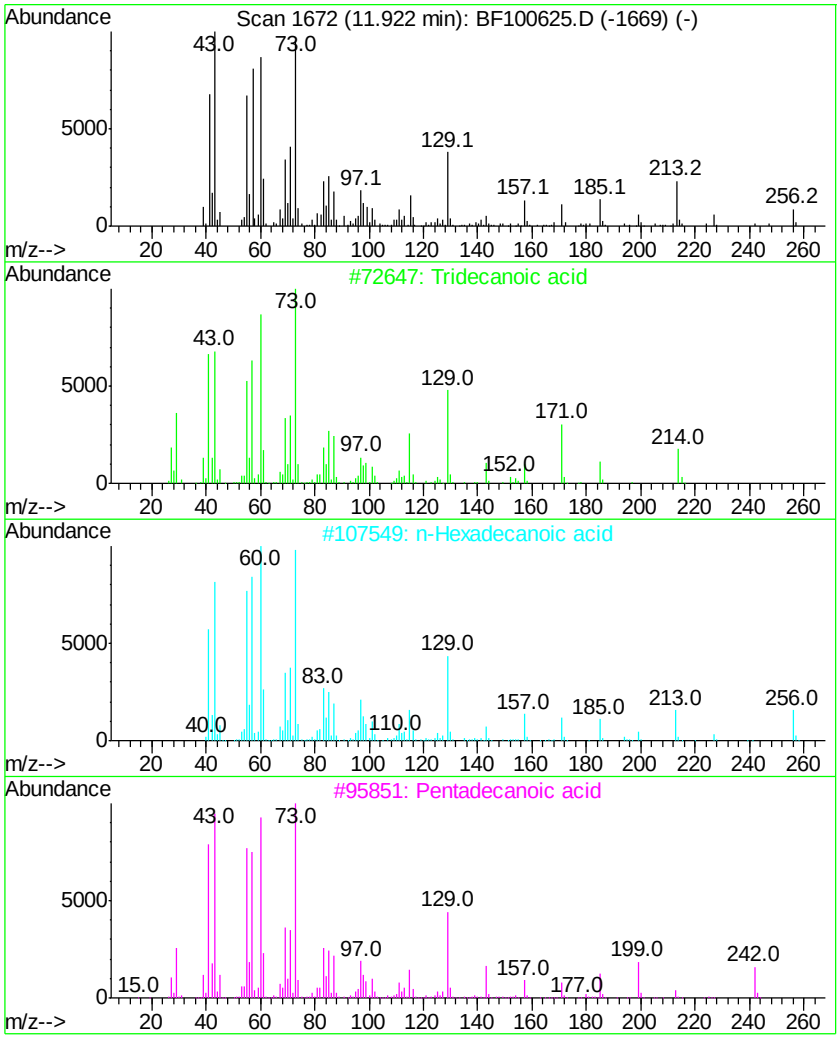
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

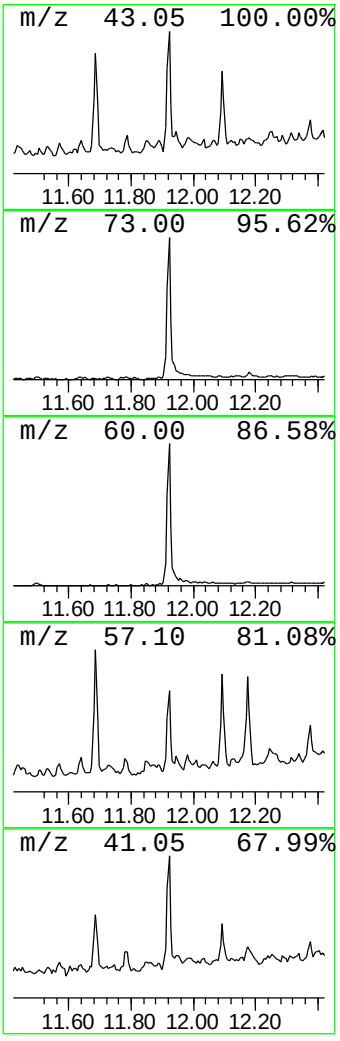
****

Peak Number 15 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.26 ng	284238	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

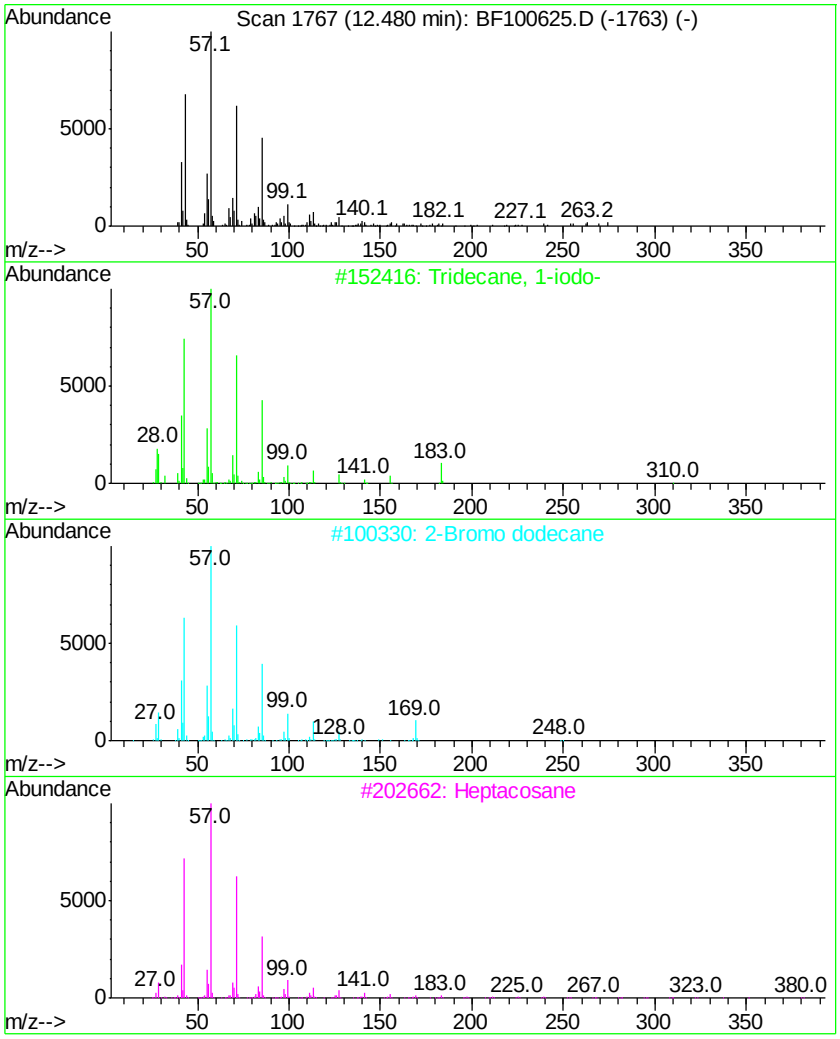
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

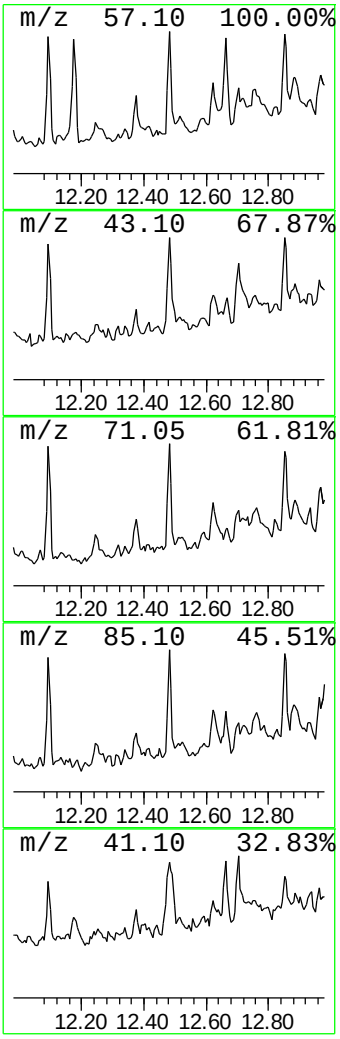
****

Peak Number 16 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.15 ng	224288	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

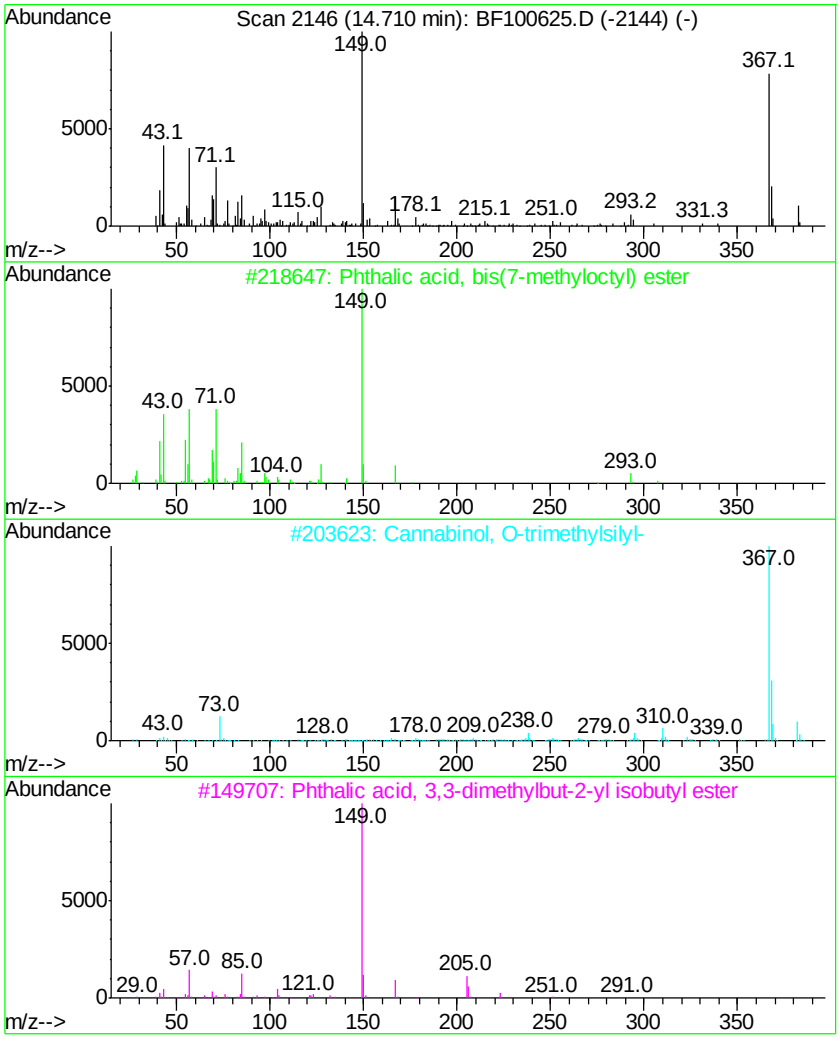
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

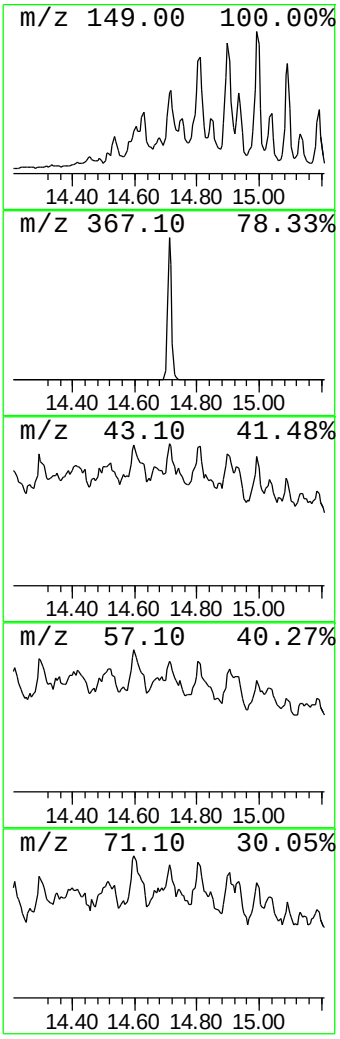
****

Peak Number 17 unknown14.71 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.08 ng	166429	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	45
2	Cannabinol, O-trimethylsilyl-	382	C24H34O2Si	064846-18-0	35
3	Phthalic acid, 3,3-dimethylbut-2...	306	C18H26O4	1000357-00-1	35
4	Phthalic acid, 3,4-dimethylphenyl...	396	C25H32O4	1000309-82-3	27
5	Phthalic acid, hexyl undec-2-en-...	402	C25H38O4	1000315-41-7	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

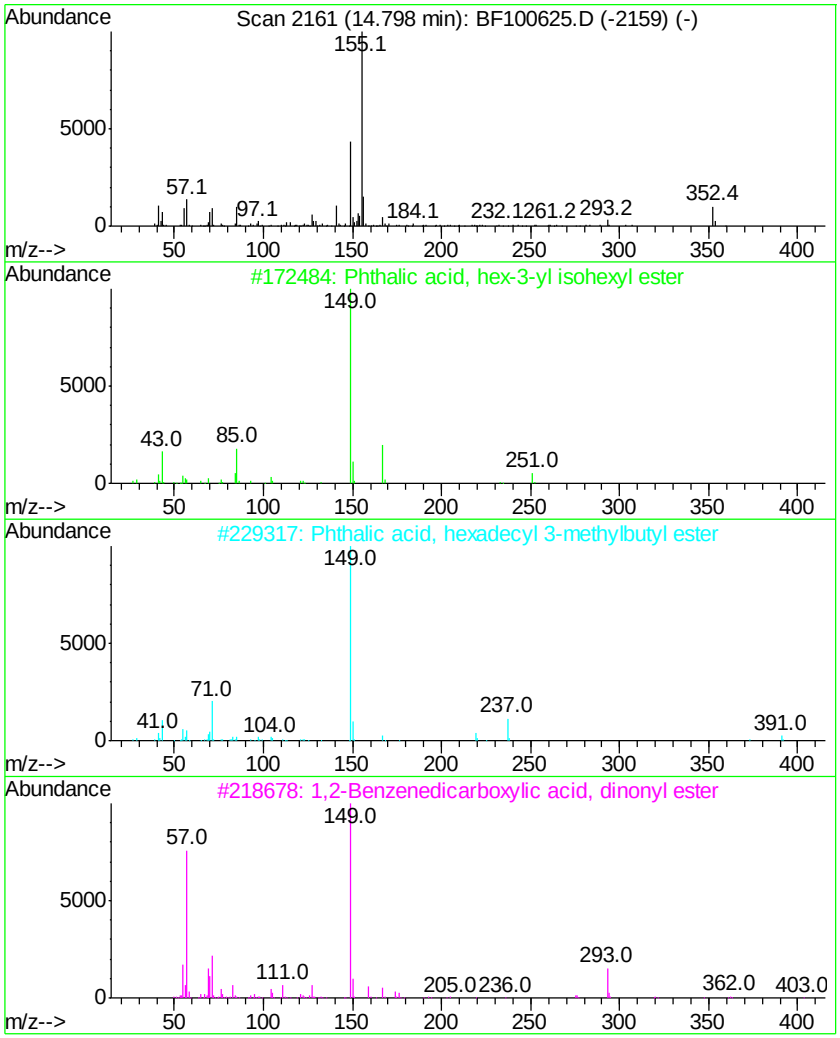
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

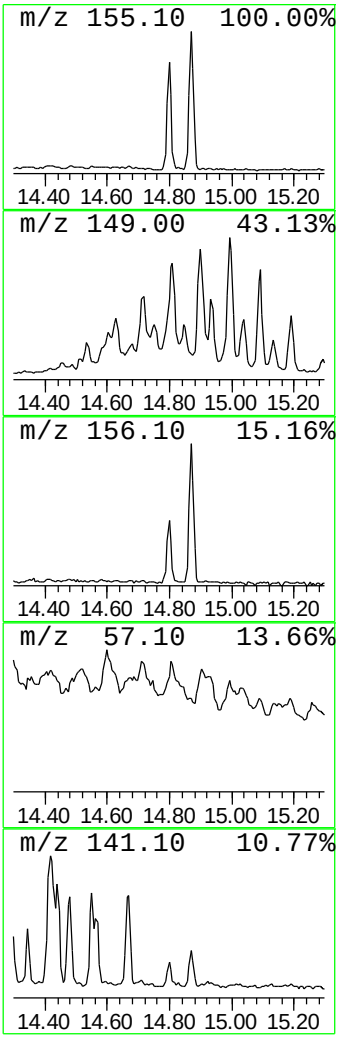
****

Peak Number 18 unknown14.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.82 ng	237444	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	35
2	Phthalic acid, hexadecyl 3-methy...	460	C29H48O4	1000356-81-7	35
3	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	35
4	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1000356-82-0	35
5	Phthalic acid, octyl 2-propylphe...	396	C25H32O4	1000357-02-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

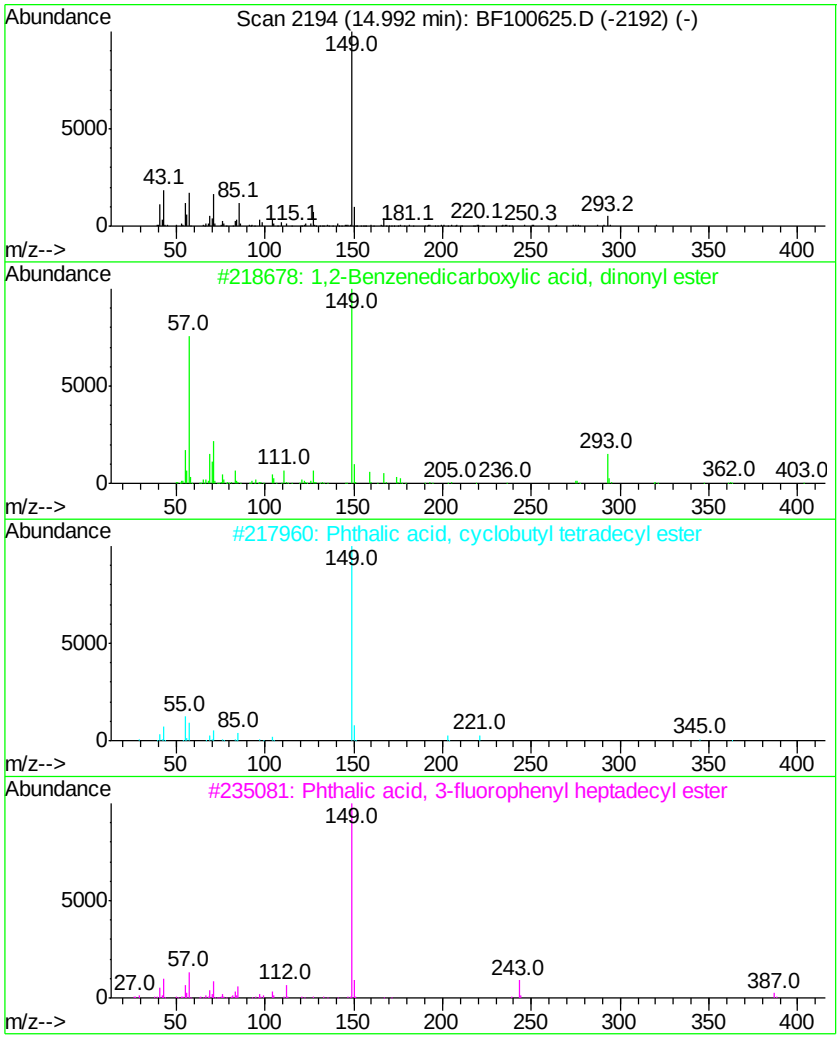
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

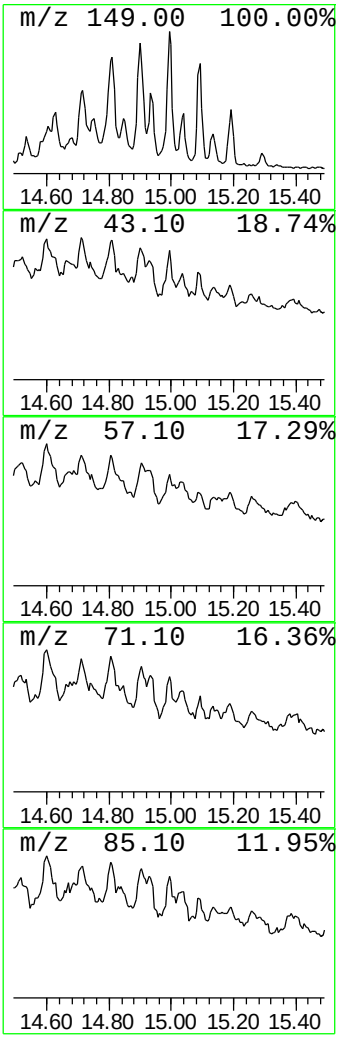
****

Peak Number 19 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.23 ng	158939	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	72
2	Phthalic acid, cyclobutyl tetrad...	416	C26H40O4	1000314-90-9	72
3	Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	72
4	Phthalic acid, dodecyl 2-fluorop...	428	C26H33FO4	1000356-15-1	72
5	Phthalic acid, nonyl tridec-2-yn...	470	C30H46O4	1000315-44-2	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

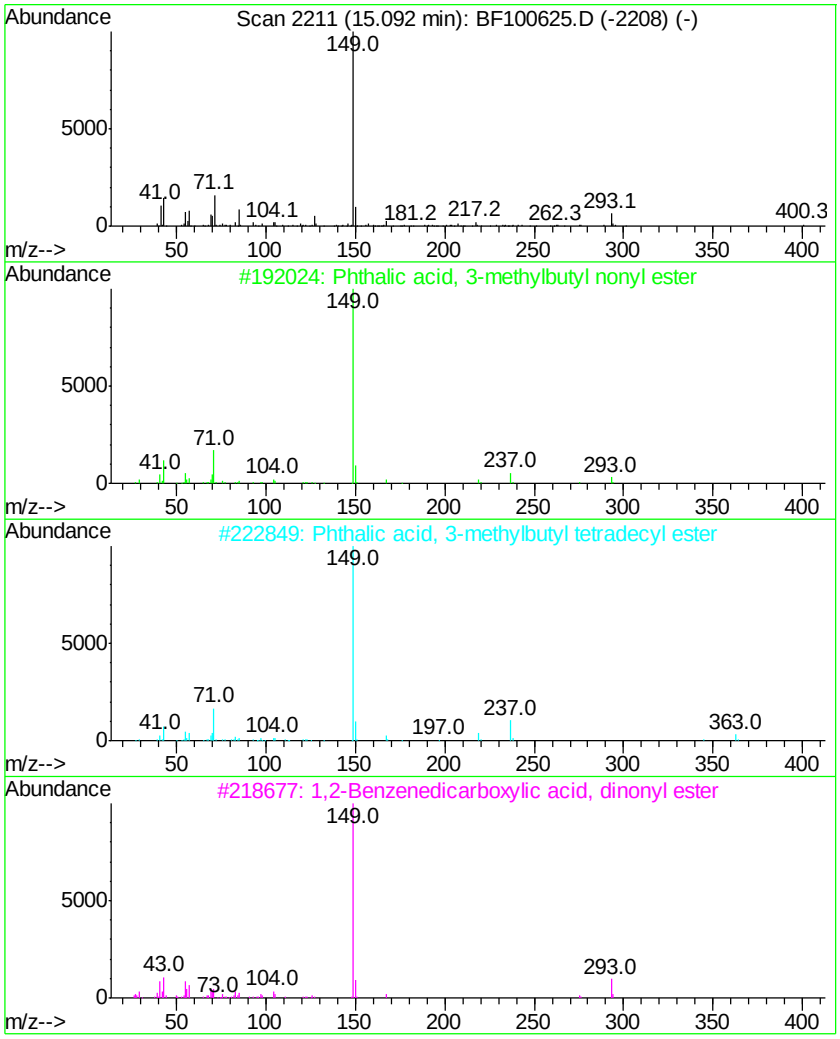
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

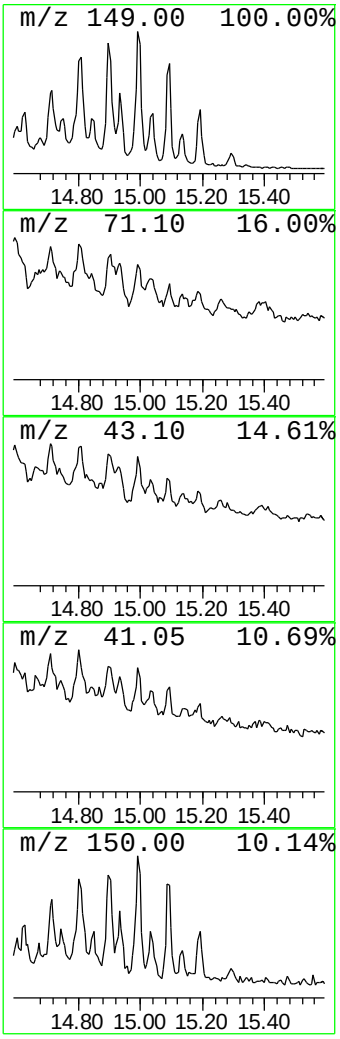
****

Peak Number 20 Phthalic acid, 3-methylbuty... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.27 ng	159983	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbutyl non...	362	C22H34O4	1000356-81-0	64
2	Phthalic acid, 3-methylbutyl tet...	432	C27H44O4	1000356-81-5	64
3	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	64
4	Phthalic acid, 2-fluorophenyl tr...	442	C27H35FO4	1000356-50-4	64
5	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100625.D
Acq On : 16 Nov 2017 12:49
Operator : SJ/JU
Sample : I6469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30666L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.10	4.8	ng	176361	1	6.88	743180	20.0
Butanoic acid, 2-...	5.32	4.1	ng	152781	1	6.88	743180	20.0
Pentanoic acid	5.68	8.9	ng	331130	1	6.88	743180	20.0
Pentanoic acid, 2...	6.20	4.9	ng	181214	1	6.88	743180	20.0
unknown6.65	6.65	63.1	ng	2345440	1	6.88	743180	20.0
1-Hexanol, 2-ethyl-	6.93	4.6	ng	171458	1	6.88	743180	20.0
Hexanoic acid, 2-...	7.55	6.3	ng	354943	2	8.16	1127570	20.0
unknown7.90	7.90	5.0	ng	283938	2	8.16	1127570	20.0
2-Undecanone	8.71	5.1	ng	285983	2	8.16	1127570	20.0
2-Undecanol	8.76	5.4	ng	305532	2	8.16	1127570	20.0
unknown9.38	9.38	4.2	ng	231502	3	9.92	1091210	20.0
Ethanol, 2-[2-(2-...	9.67	4.1	ng	221730	3	9.92	1091210	20.0
Heptadecane	10.81	5.6	ng	303106	4	11.40	1080970	20.0
Tridecanoic acid	11.92	5.3	ng	284238	4	11.40	1080970	20.0
Tridecane, 1-iodo-	12.48	4.2	ng	224288	4	11.40	1080970	20.0
unknown14.71	14.71	5.1	ng	166429	5	14.04	655535	20.0
unknown14.80	14.80	7.8	ng	237444	6	15.52	607410	20.0
1,2-Benzenedicarb...	14.99	5.2	ng	158939	6	15.52	607410	20.0
Phthalic acid, 3-...	15.09	5.3	ng	159983	6	15.52	607410	20.0