LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.084	293	297	301	rBV	31744	38332	1.31%	0.118%
2	5.184	481	484	488	rBV	107949	107487	3.68%	0.331%
3	5.295	488	503	505	rVB2	44201	138678	4.75%	0.427%
4	5.413	513	523	528	rVV2	39440	89419	3.06%	0.275%
5	5.454	528	530	534	rVB	48853	46722	1.60%	0.144%
6	5.560	545	548	550	rBV	62520	70548	2.42%	0.217%
7	5.578	550	551	554	rVV	95939	65809	2.26%	0.202%
8	5.619	554	558	565	rVB	926438	1004894	34.44%	3.092%
9	5.766	580	583	588	rBV	131671	108720	3.73%	0.335%
10	5.819	588	592	595	rVV	163699	136040	4.66%	0.419%
11	5.919	604	609	612	rBV	1240214	1256352	43.06%	3.866%
12	6.266	665	668	672	rBV	42625	38325	1.31%	0.118%
13	6.490	703	706	709	rBV	97554	76882	2.63%	0.237%
14	6.519	709	711	714	rVV	68941	54969	1.88%	0.169%
15	6.566	714	719	724	rVB2	89787	85157	2.92%	0.262%
16	6.619	724	728	736	rBV3	652828	874102	29.96%	2.690%
17	6.748	746	750	753	rBV	2151801	1838913	63.02%	5.658%
18	6.790	753	757	761	rVB	130841	116878	4.01%	0.360%
19	6.966	783	787	790	rBV	1151721	903280	30.96%	2.779%
20	7.019	792	796	802	rVV	475981	416638	14.28%	1.282%
21	7.125	809	814	816	rBV	2021347	1895717	64.97%	5.833%
22	7.142	816	817	822	rVB2	62465	47379	1.62%	0.146%
23	7.237	830	833	837	rVB	32507	32141	1.10%	0.099%
24	7.278	837	840	842	rBV	47524	42737	1.46%	0.132%
25	7.307	842	845	850	rVV5	35069	43238	1.48%	0.133%
26	7.354	850	853	856	rVV	216752	193679	6.64%	0.596%
27	7.389	856	859	863	rVB	276764	231321	7.93%	0.712%
28	7.531	871	883	886	rBV	2017270	2842910	97.43%	8.748%
29	7.554	886	887	893	rVB	70450	69990	2.40%	0.215%
30	7.678	898	908	910	rBV	353762	582239	19.95%	1.792%
31	7.754	919	921	923	rBV	54132	36727	1.26%	0.113%
32	7.795	925	928	930	rVB	45926	37284	1.28%	0.115%
33	7.913	943	948	954	rVB5	35585	54378	1.86%	0.167%
34	7.984	954	960	966	rBV3	90194	114072	3.91%	0.351%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.154	985	989	991	rBV2	45396	46453	1.59%	0.143%
36	8.248	1001	1005	1008	rBV	1432120	1207051	41.37%	3.714%
37	8.301	1011	1014	1017	rVB	92237	88030	3.02%	0.271%
38	8.366	1021	1025	1028	rBV	55740	55509	1.90%	0.171%
39	8.525	1047	1052	1057	rVB2	99737	130815	4.48%	0.403%
40	8.772	1088	1094	1096	rBV2	117465	144439	4.95%	0.444%
41	8.889	1111	1114	1116	rVB	189755	131327	4.50%	0.404%
42	8.960	1123	1126	1134	rVB	44883	40800	1.40%	0.126%
43	9.060	1138	1143	1146	rBV	78679	76828	2.63%	0.236%
44	9.272	1176	1179	1183	rBV	90542	129396	4.43%	0.398%
45	9.325	1183	1188	1191	rVB	3167630	2917832	100.00%	8.978%
46	9.389	1196	1199	1202	rBV	42920	34738	1.19%	0.107%
47	9.425	1202	1205	1208	rBV4	45660	50268	1.72%	0.155%
48	9.460	1208	1211	1215	rBV	819207	720662	24.70%	2.218%
49	9.583	1227	1232	1235	rBV4	27342	40635	1.39%	0.125%
50	9.660	1241	1245	1248	rBV4	44649	62626	2.15%	0.193%
51	9.713	1251	1254	1257	rBV	476616	337182	11.56%	1.038%
52	9.789	1261	1267	1270	rBV	325614	410782	14.08%	1.264%
53	9.919	1285	1289	1293	rBV3	194981	204858	7.02%	0.630%
54	10.007	1300	1304	1307	rVV2	1547115	1282542	43.96%	3.946%
55	10.036	1307	1309	1312	rVB	41426	32561	1.12%	0.100%
56	10.130	1322	1325	1327	rBV	42874	43199	1.48%	0.133%
57	10.160	1327	1330	1332	rVV2	37682	39617	1.36%	0.122%
58	10.207	1335	1338	1342	rVB3	57309	55656	1.91%	0.171%
59	10.242	1342	1344	1347	rBV	53737	39418	1.35%	0.121%
60	10.319	1353	1357	1363	rBV3	82082	165009	5.66%	0.508%
61	10.419	1372	1374	1378	rVB	238447	205433	7.04%	0.632%
62	10.642	1407	1412	1414	rBV2	135283	155719	5.34%	0.479%
63	10.801	1435	1439	1442	rBV	1883460	1671268	57.28%	5.143%
64	10.895	1452	1455	1465	rVB2	236500	367026	12.58%	1.129%
65	11.048	1478	1481	1484	rBV2	48456	53921	1.85%	0.166%
66	11.089	1485	1488	1492	rVV5	34015	43924	1.51%	0.135%
67	11.207	1506	1508	1512	rBV3	27491	30884	1.06%	0.095%
68	11.342	1528	1531	1534	rBV	133497	110858	3.80%	0.341%
69	11.377	1534	1537	1543	rVB3	78321	91801	3.15%	0.282%
70	11.430	1543	1546	1552	rBV	38900	51786	1.77%	0.159%
71	11.501	1554	1558	1560	rBV	1373238	1223321	41.93%	3.764%

LSC Area Percent Report

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Sample : J3451-03
Misc :
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Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
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72	11.519	1560	1561	1566	rVB2	50599	45043	1.54%	0.139%
73	11.695	1589	1591	1594	rBV2	53775	51464	1.76%	0.158%
74	11.772	1602	1604	1607	rVB2	120267	110412	3.78%	0.340%
75	11.872	1618	1621	1624	rVB	57267	46686	1.60%	0.144%
76	11.901	1624	1626	1630	rVB2	40548	49696	1.70%	0.153%
77	11.942	1630	1633	1637	rBV	52586	56197	1.93%	0.173%
78	12.019	1641	1646	1653	rBV2	708172	791196	27.12%	2.435%
79	12.072	1653	1655	1659	rVV2	58328	65089	2.23%	0.200%
80	12.119	1661	1663	1666	rVB	60577	55105	1.89%	0.170%
81	12.177	1671	1673	1676	rBV2	36592	32020	1.10%	0.099%
82	12.289	1689	1692	1695	rBV	66475	55697	1.91%	0.171%
83	12.801	1776	1779	1787	rBV	297988	323499	11.09%	0.995%
84	12.942	1801	1803	1805	rVB2	42599	30797	1.06%	0.095%
85	13.083	1823	1827	1830	rVB	2598414	2244255	76.92%	6.906%
86	13.630	1918	1920	1923	rBV2	42584	48179	1.65%	0.148%
87	13.966	1974	1977	1980	rBV	161509	133334	4.57%	0.410%
88	14.148	2004	2008	2011	rBV	1077192	953263	32.67%	2.933%
89	15.007	2151	2154	2157	rVB	92205	94920	3.25%	0.292%
90	15.677	2263	2268	2273	rVB	750700	989858	33.92%	3.046%
91	17.418	2560	2564	2573	rVB10	63910	135700	4.65%	0.418%

Sum of corrected areas: 32498541

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
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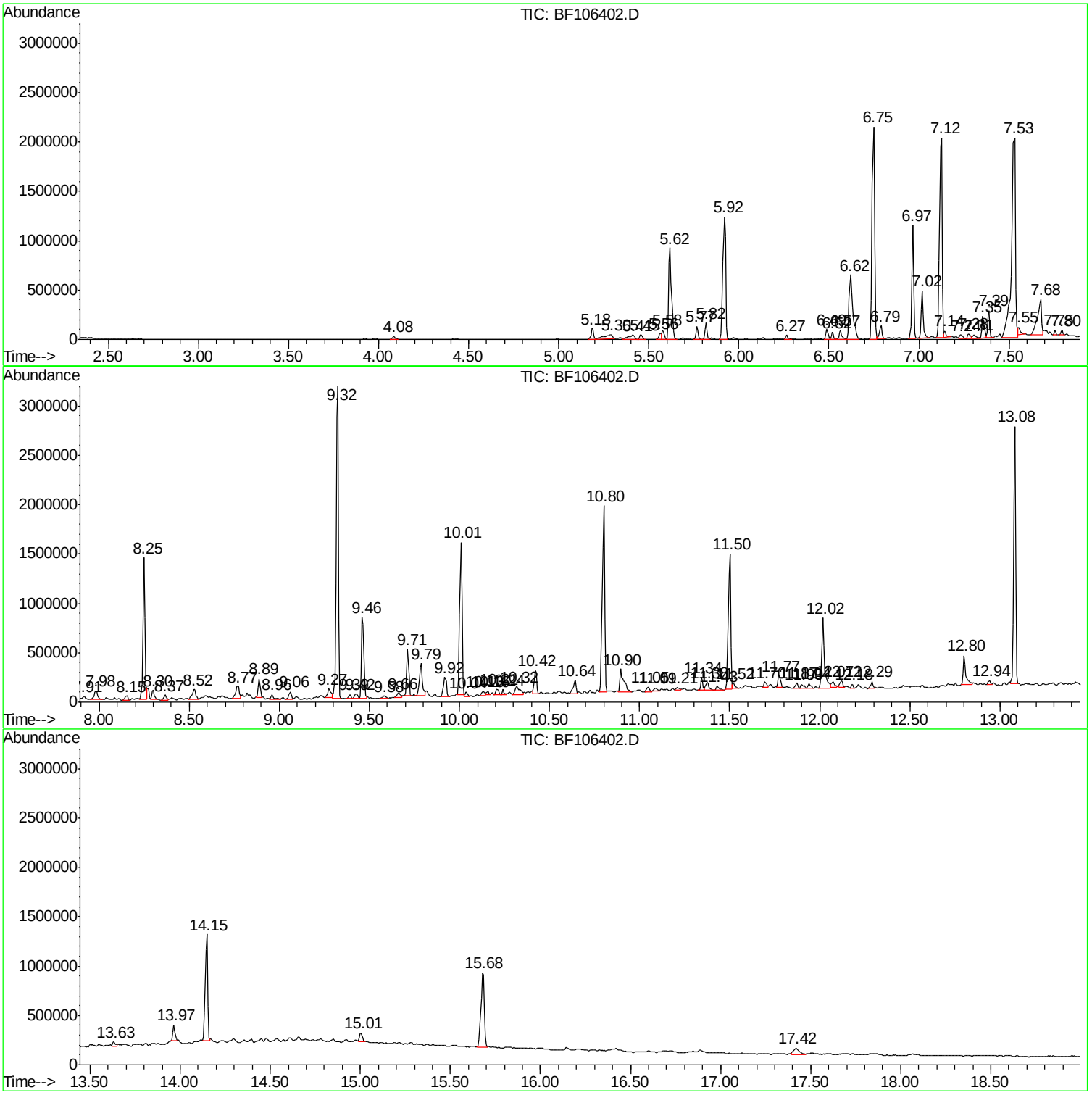
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

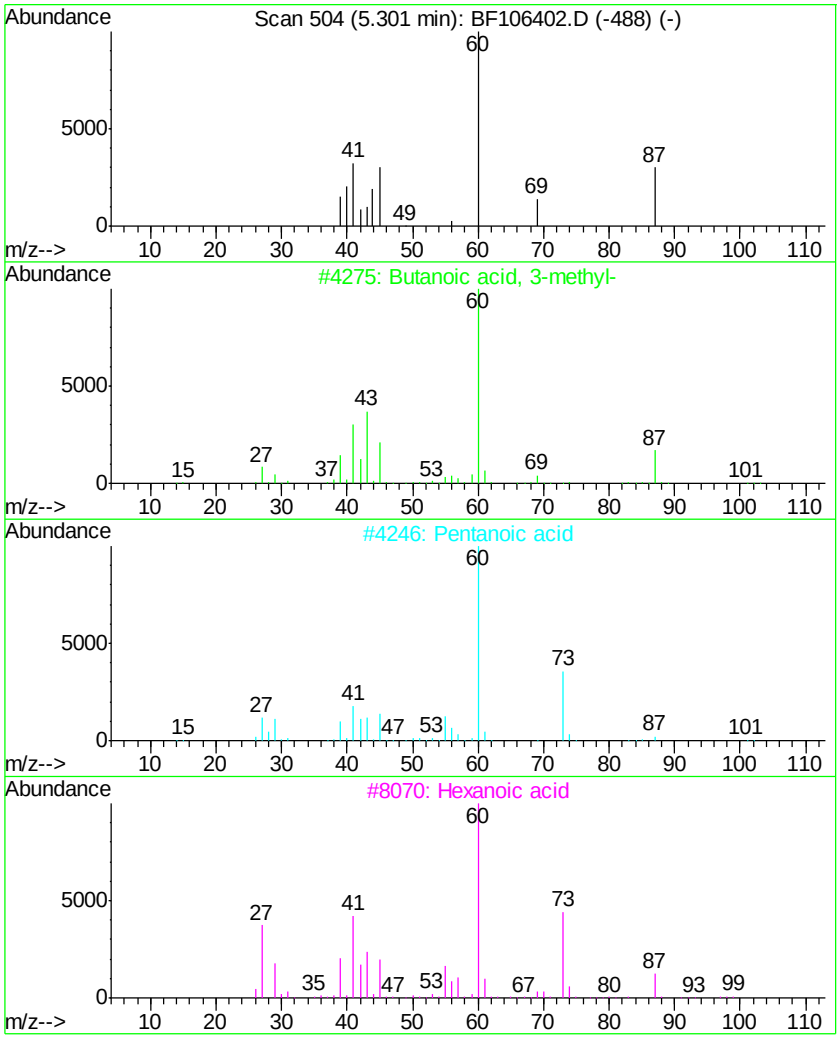
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

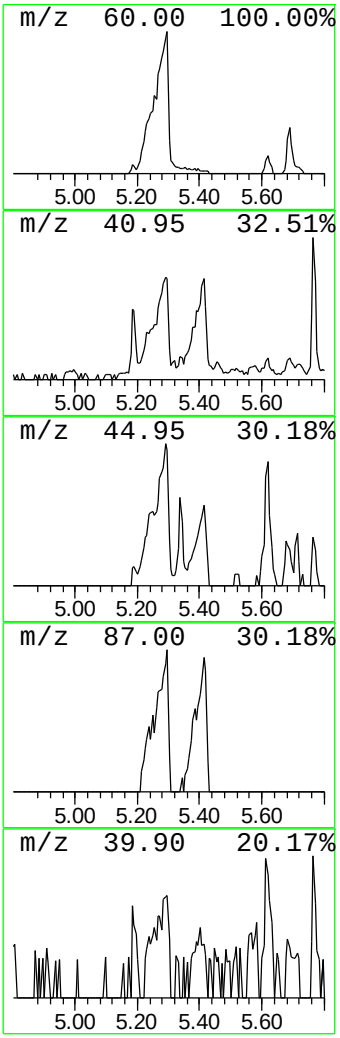
****

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	3.07 ng	138678	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	74
2	Pentanoic acid	102	C5H10O2	000109-52-4	40
3	Hexanoic acid	116	C6H12O2	000142-62-1	39
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	9
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

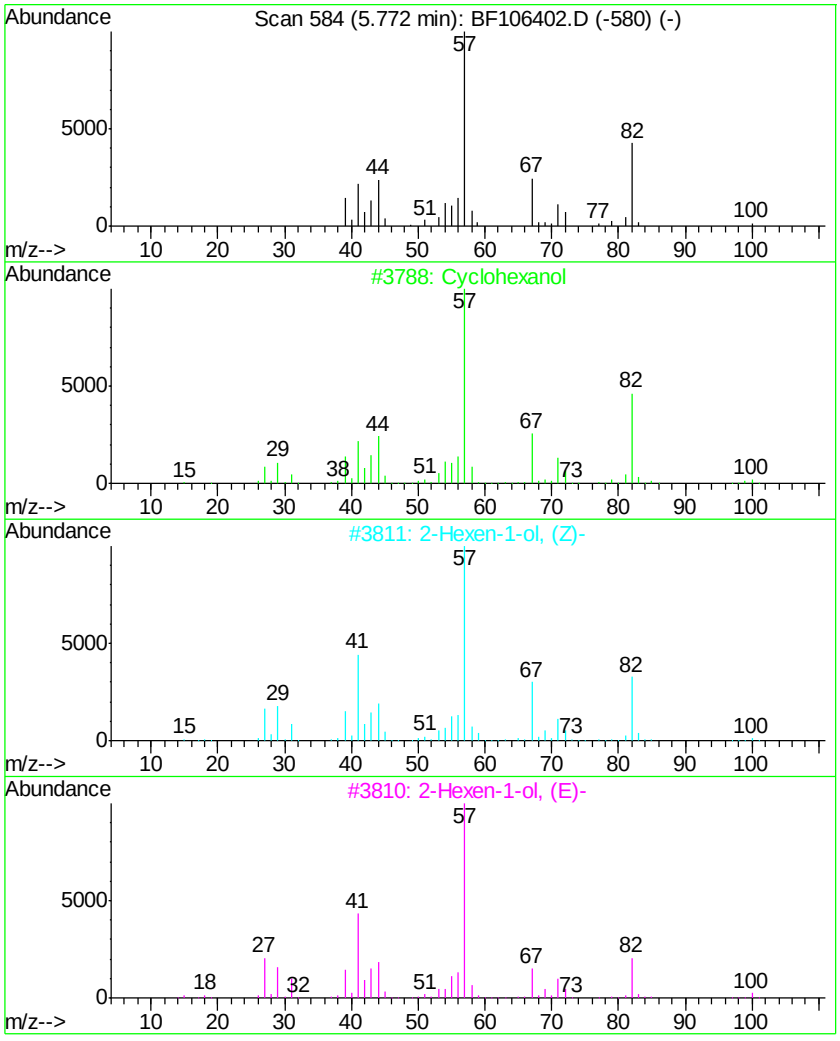
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

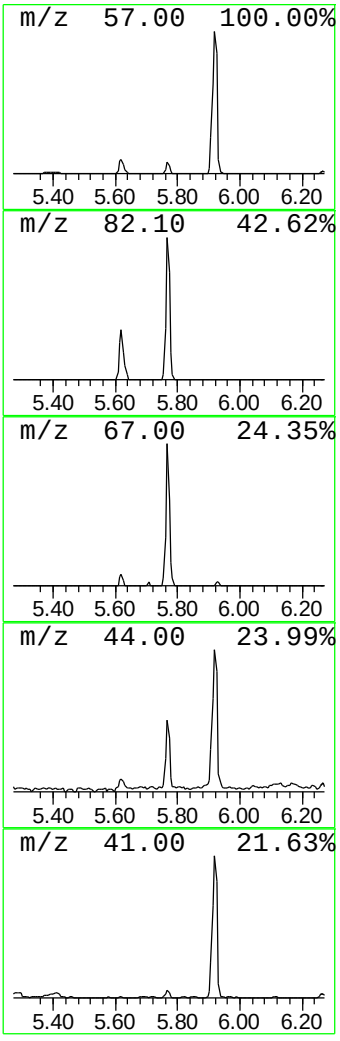
****

Peak Number 2 Cyclohexanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	2.41 ng	108720	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	97
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	91
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	59
4	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	45
5	Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	39





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

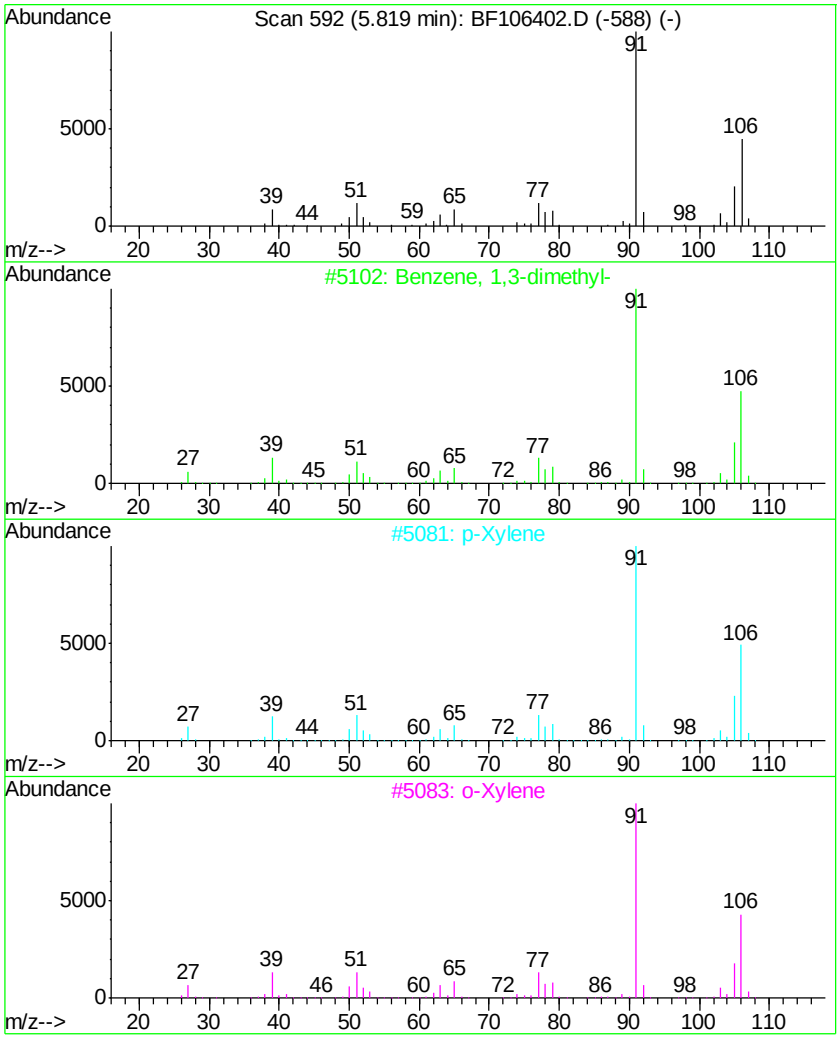
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

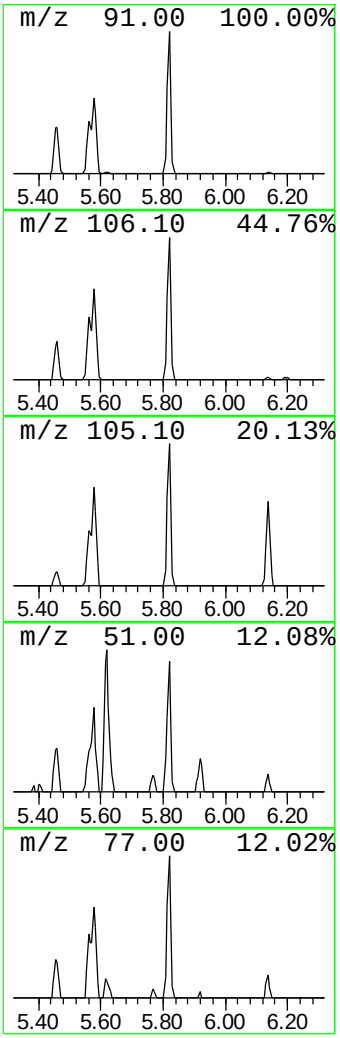
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.01 ng	136040	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

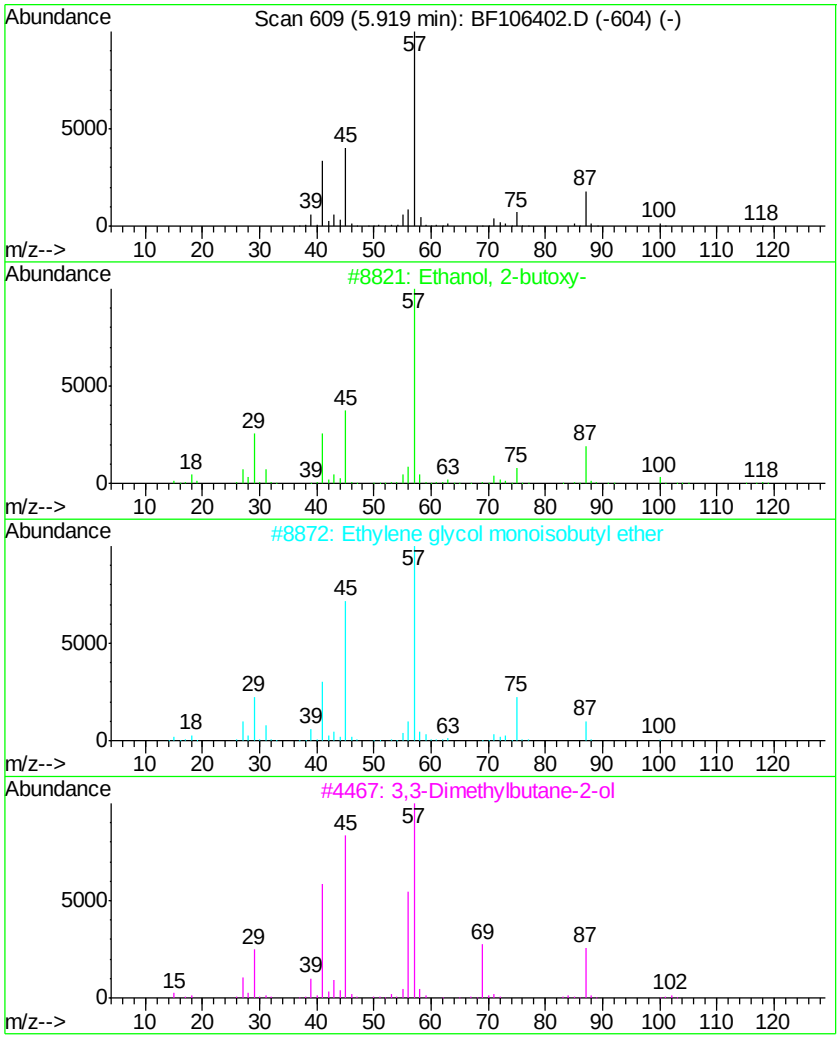
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

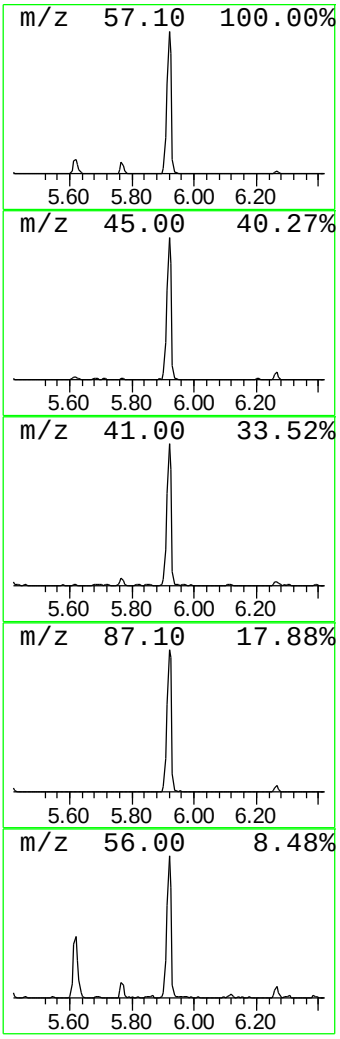
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	27.82 ng	1256350	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	25
5	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

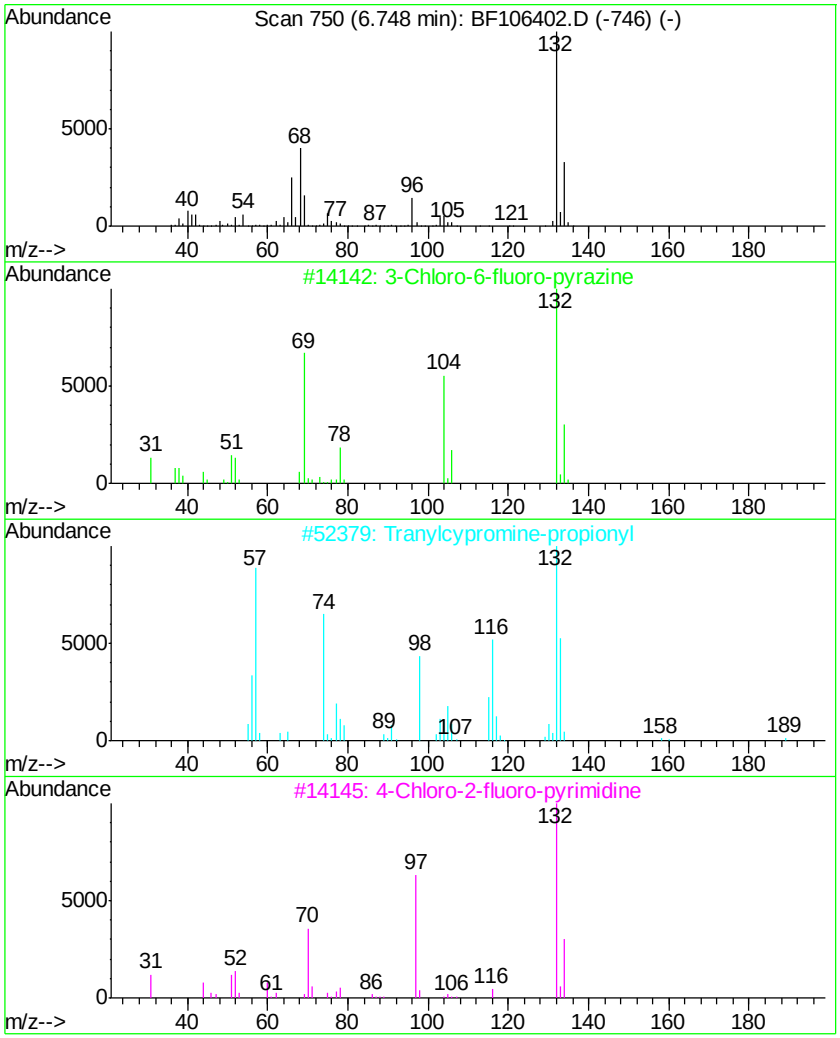
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

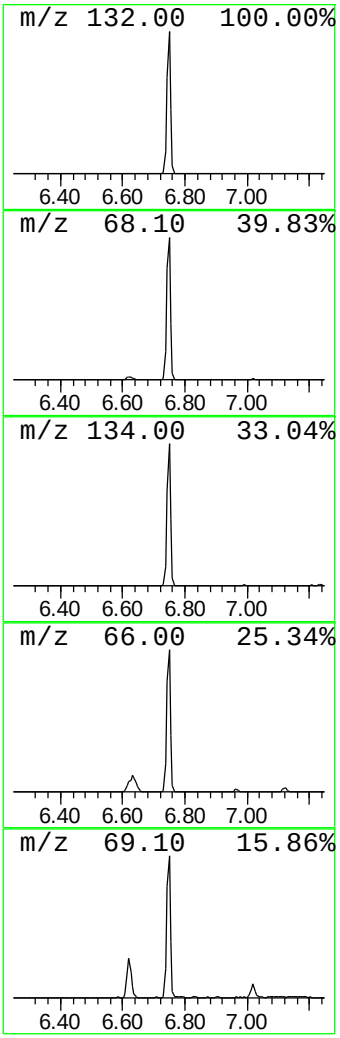
****

Peak Number 5 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	40.72 ng	1838910	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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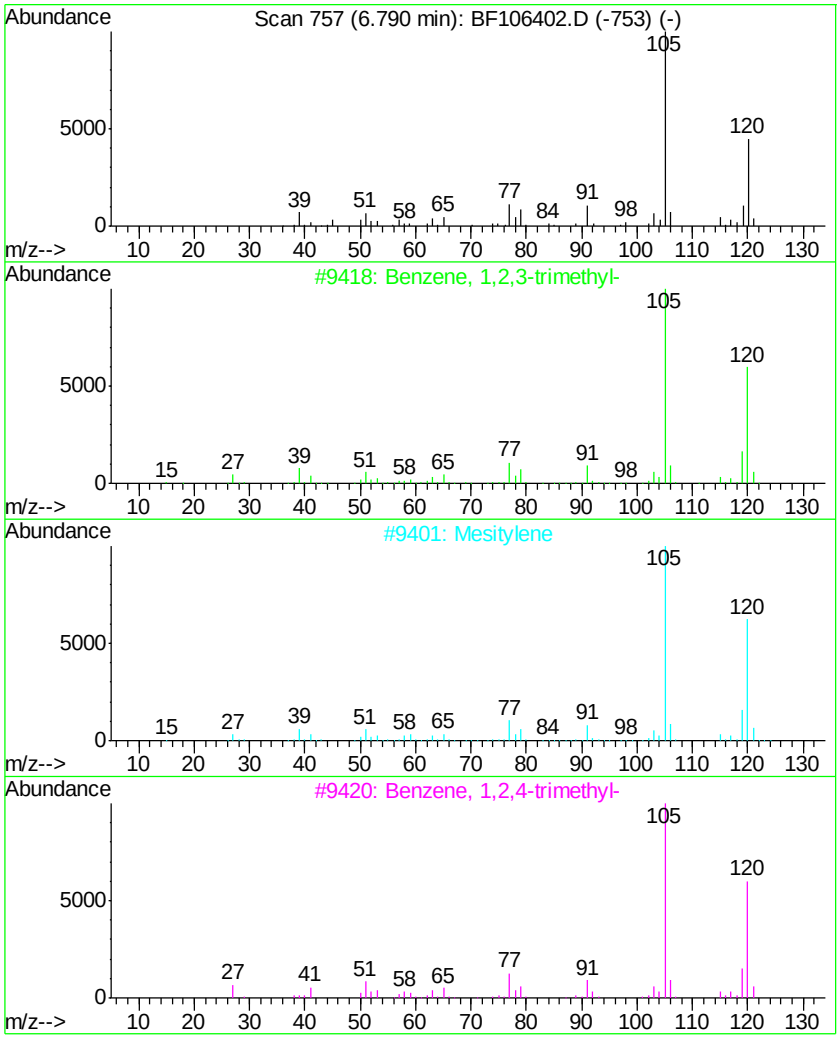
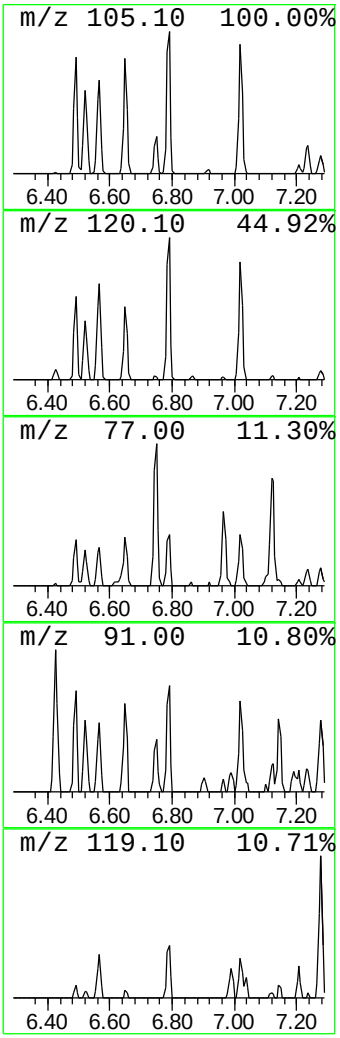
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.59 ng	116878	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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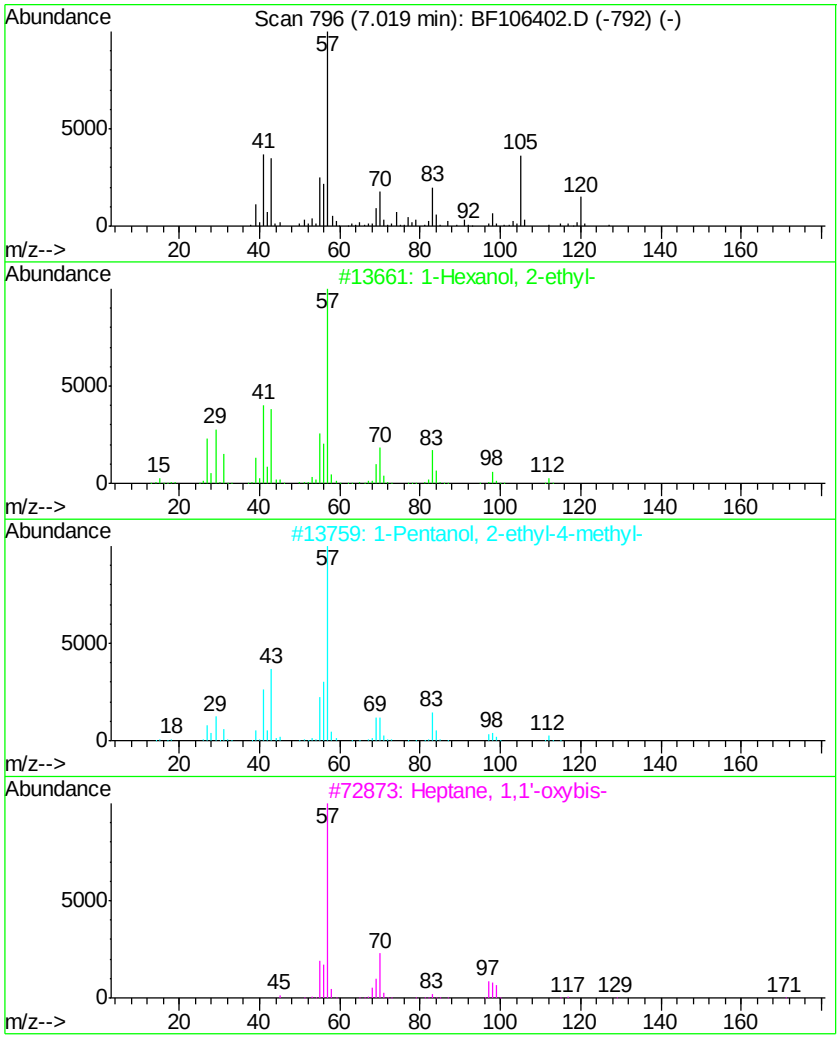
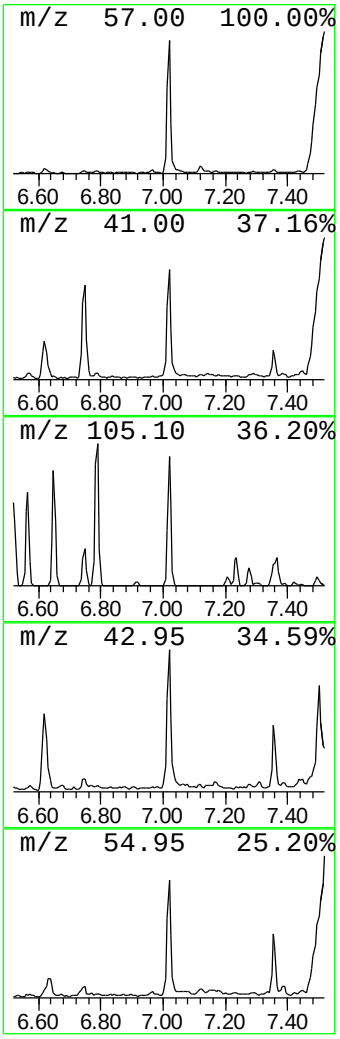
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	9.23 ng	416638	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	35
5	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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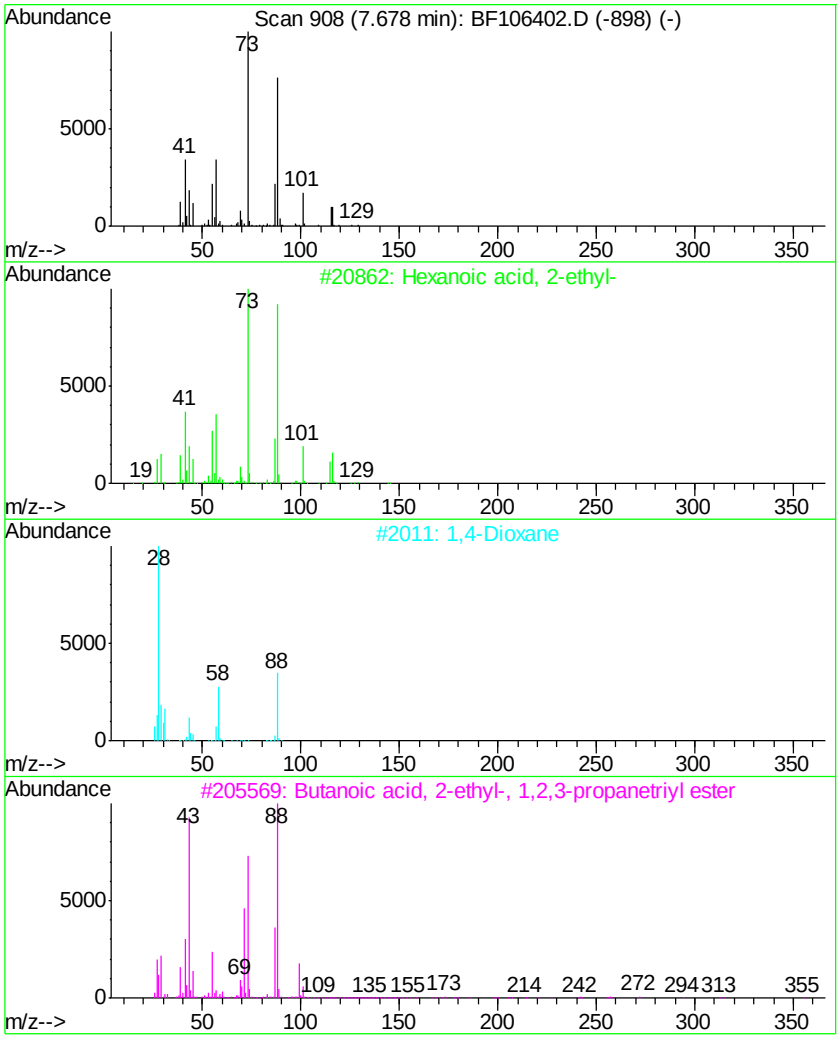
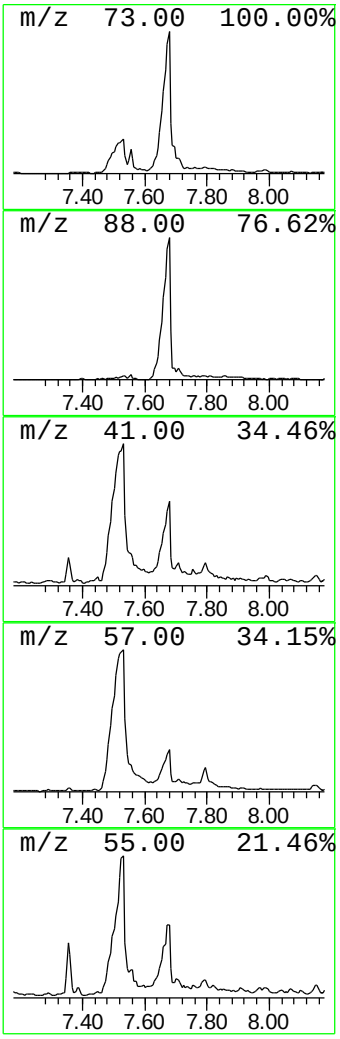
Peak Number 9 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	9.65 ng	582239	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	1,4-Dioxane	88	C4H8O2	000123-91-1	43
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
4	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	36
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33





Library Search Compound Report

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Sample : J3451-03
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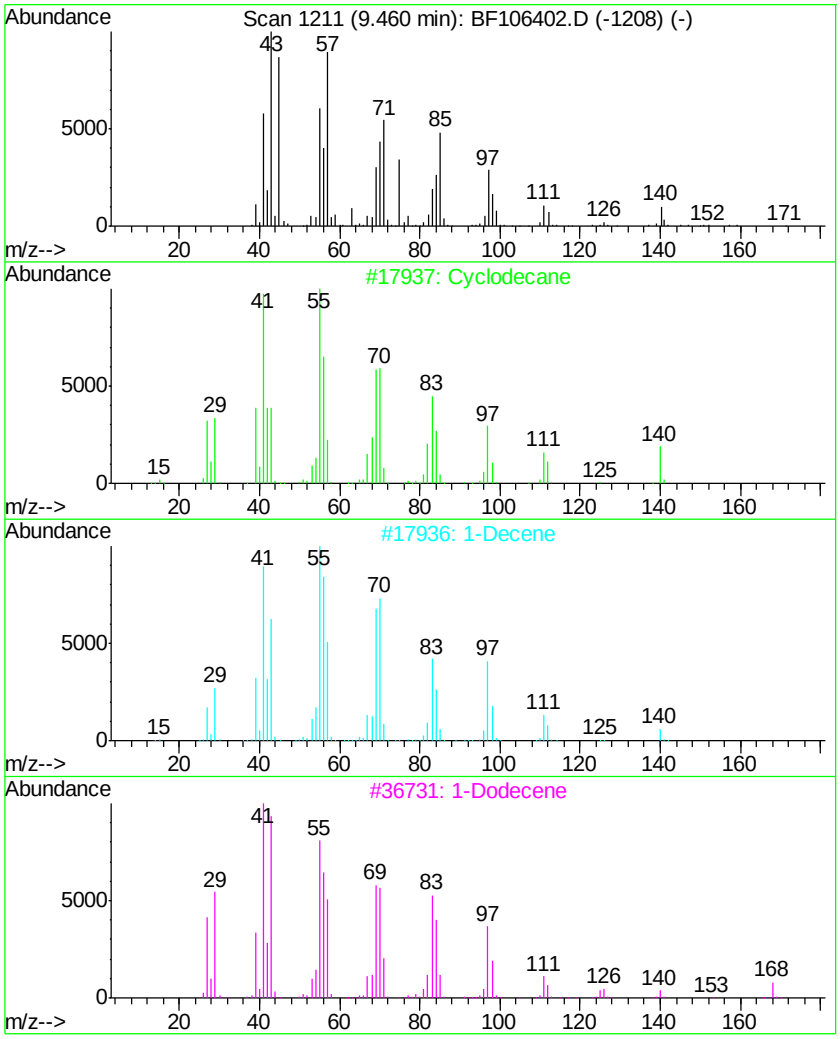
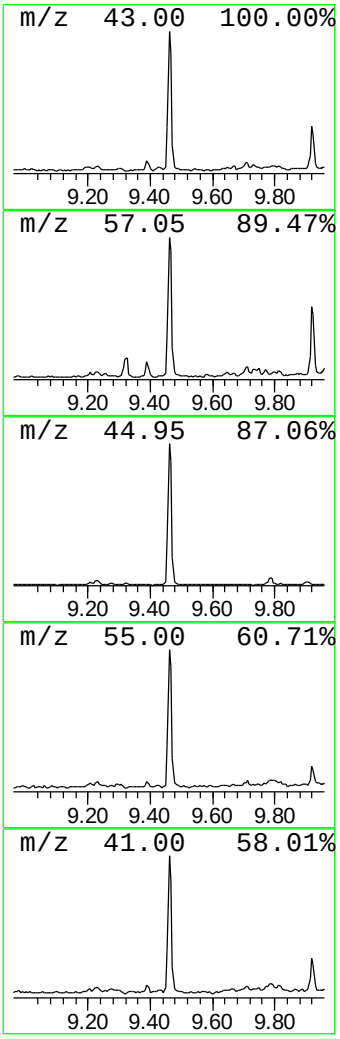
Peak Number 10 unknown9.46 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	11.24 ng	720662	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	46
2	1-Decene	140	C10H20	000872-05-9	46
3	1-Dodecene	168	C12H24	000112-41-4	38
4	Pentanoic acid, decyl ester	242	C15H30O2	005454-12-6	35
5	9-methylheptadecane	254	C18H38	026741-18-4	27





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Operator : JU/SJ
Sample : J3451-03
Misc :
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Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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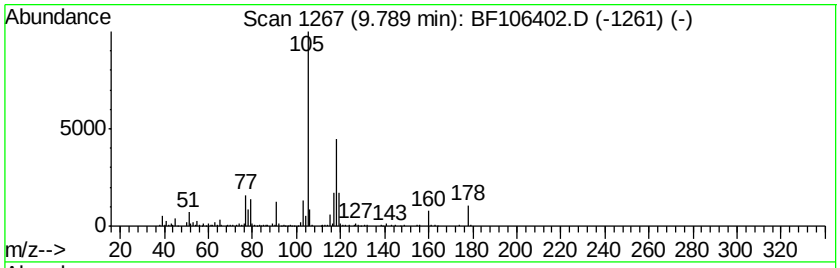
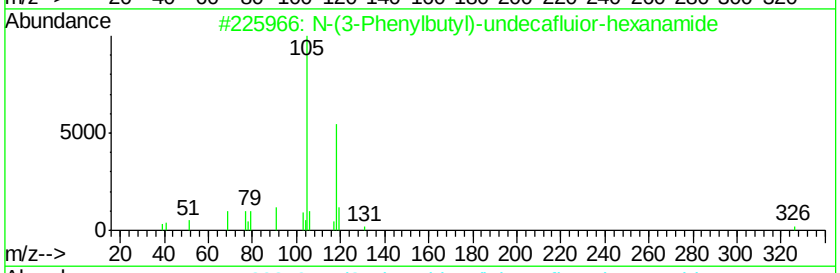
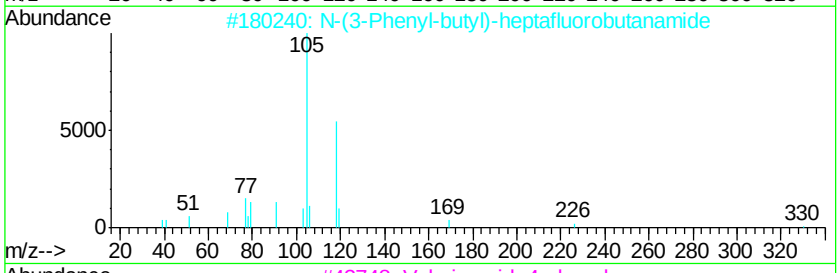
Peak Number 11 N-(3-Phenylbutyl)-undecaflu... Concentration Rank 8

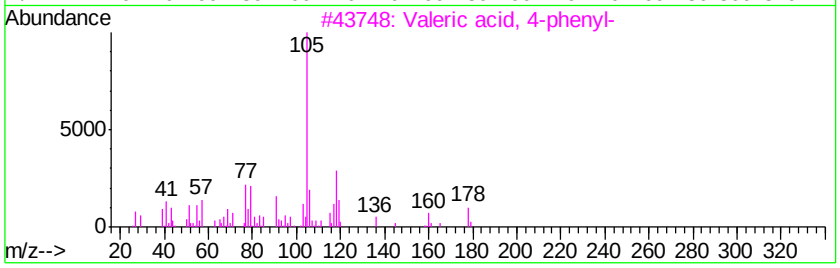
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.41 ng	410782	Acenaphthene-d10	10.01

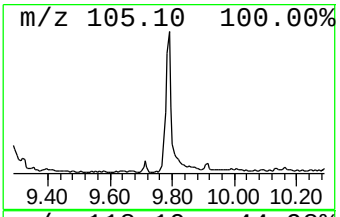
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Phenylbutyl)-undecafluior-h...	445	C16H14F11NO	077970-70-8	64
2	N-(3-Phenyl-butyl)-heptafluorobu...	345	C14H14F7NO	077970-69-5	53
3	Valeric acid, 4-phenyl-	178	C11H14O2	016433-43-5	50
4	Benzenepropanoic acid, .beta.-me...	178	C11H14O2	003461-39-0	43
5	Ethyl-p-tolylacetate	178	C11H14O2	014062-19-2	38

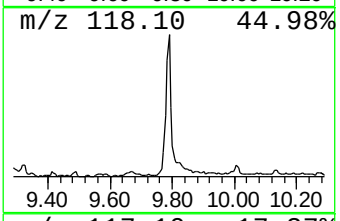


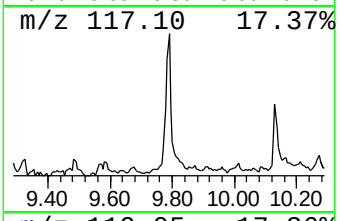


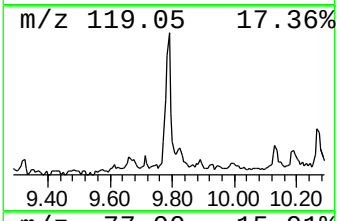


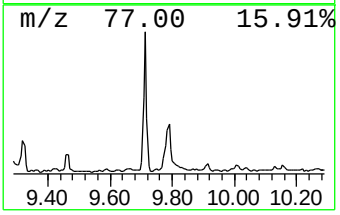












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Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

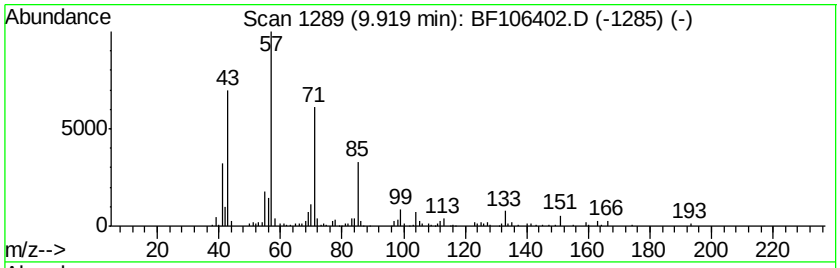
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

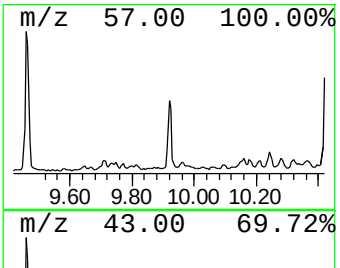
****

Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	3.19 ng	204858	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Pentadecane	212	C15H32	000629-62-9	72
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59





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ClientSampleId : VB-44949-SLUDGEBOX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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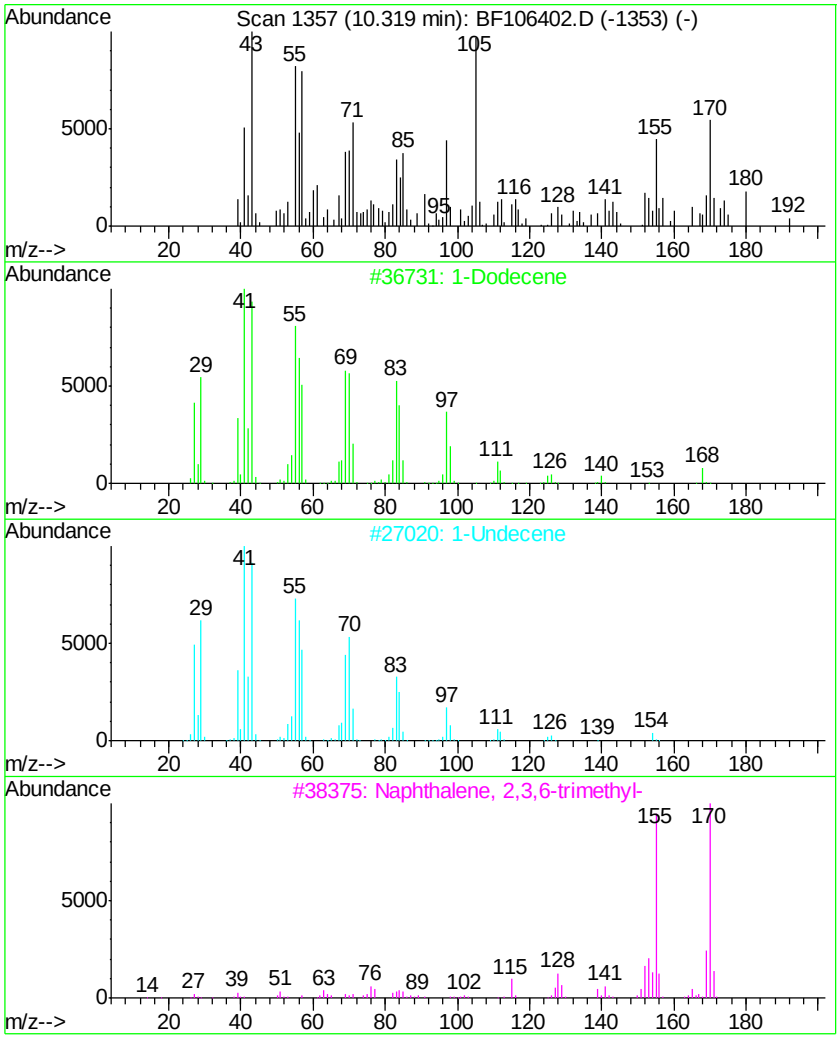
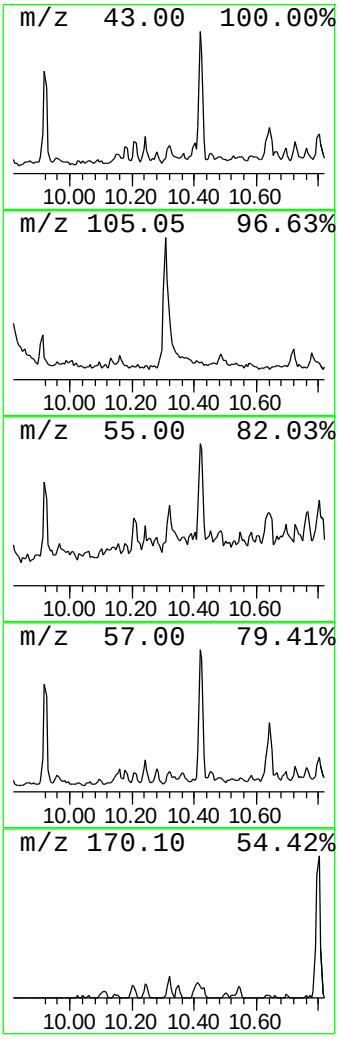
Peak Number 13 unknown10.32 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.57 ng	165009	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	42
2	1-Undecene	154	C11H22	000821-95-4	38
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	35
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
5	1-Decanethiol	174	C10H22S	000143-10-2	35





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Sample : J3451-03
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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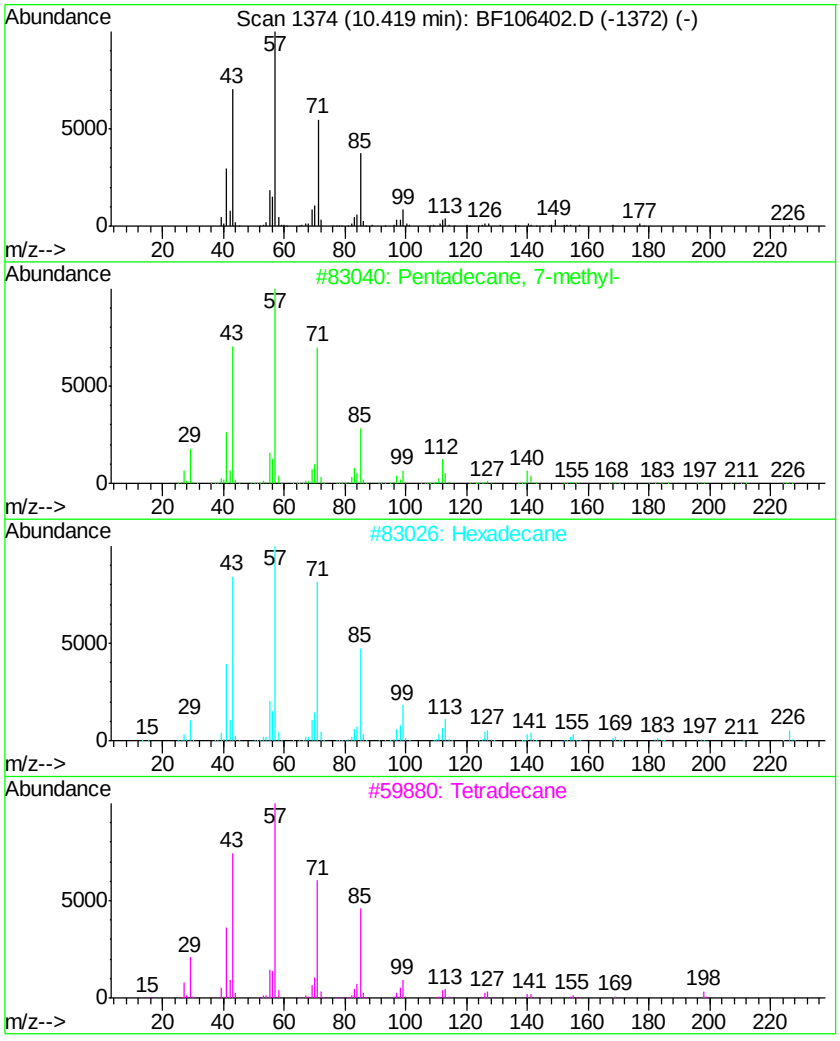
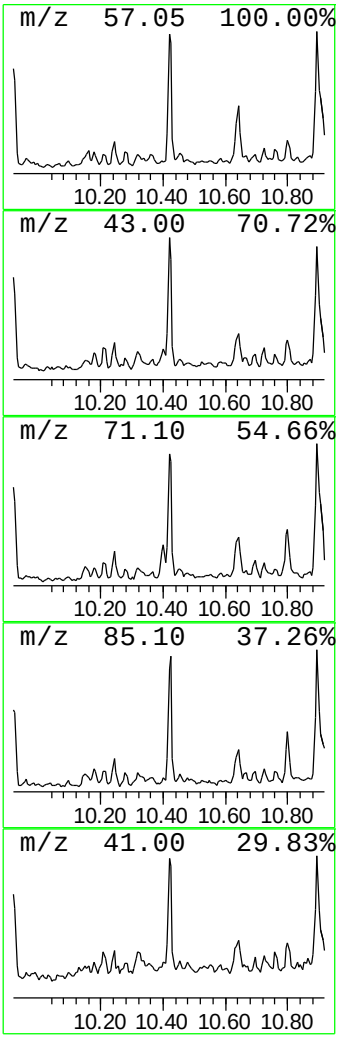
Peak Number 14 Pentadecane, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.20 ng	205433	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Heptadecane	240	C17H36	000629-78-7	83





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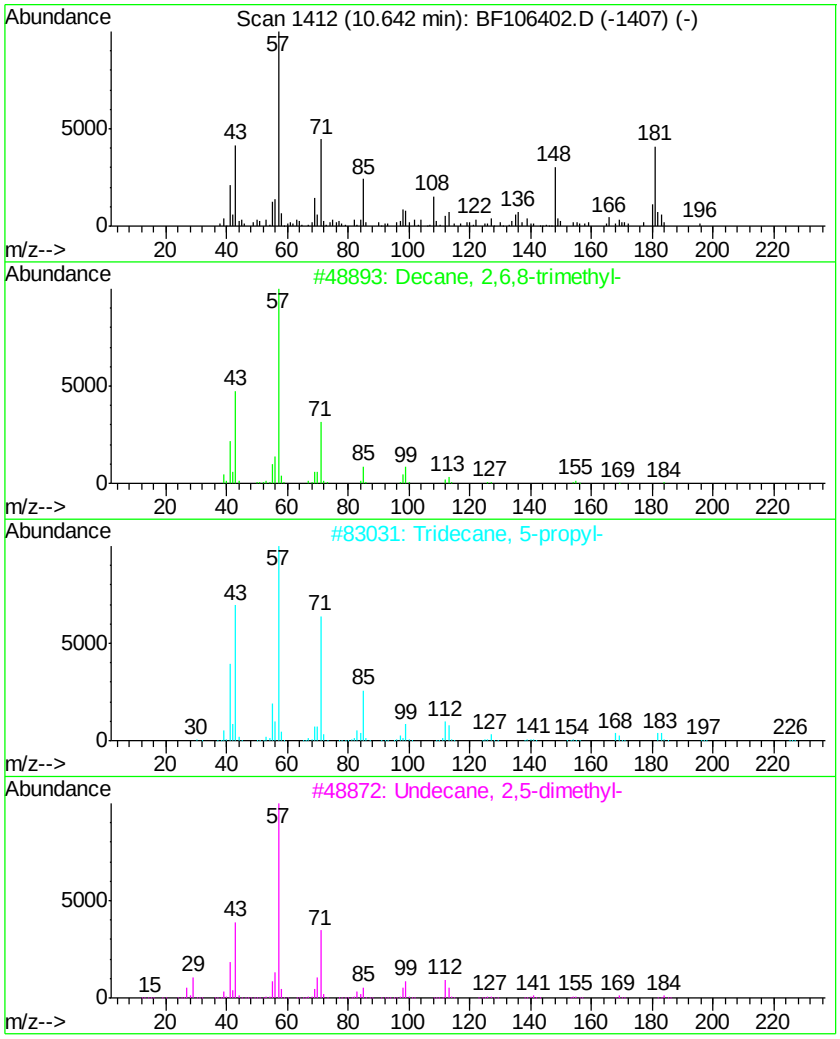
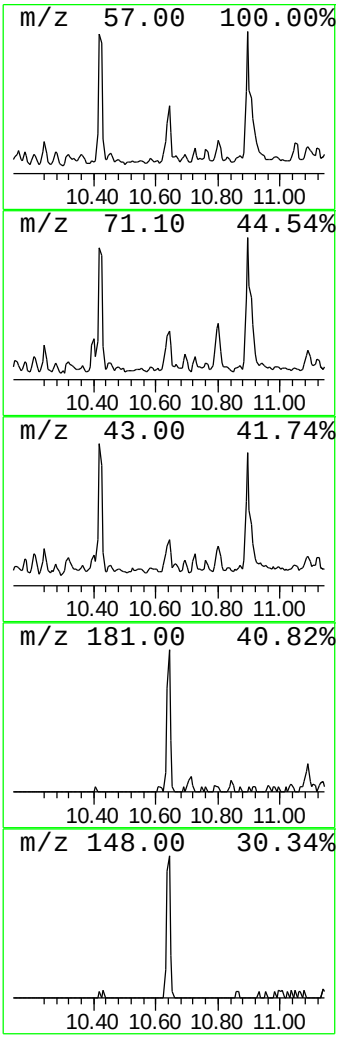
Peak Number 15 unknown10.64 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	2.43 ng	155719	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	42
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	38
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	38
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	35





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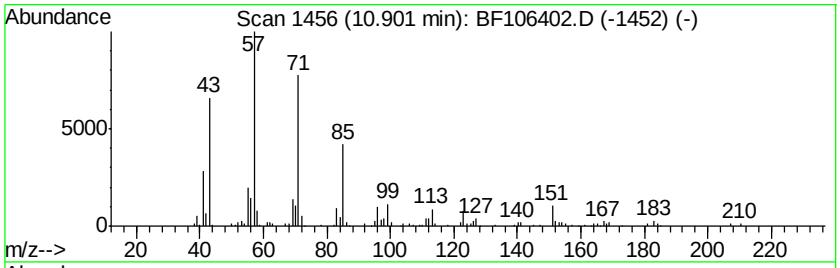
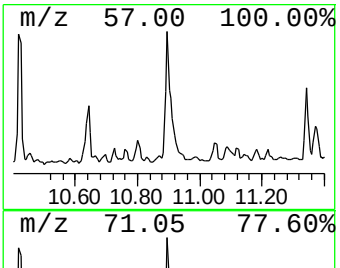
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	6.00 ng	367026	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Heptacosane	380	C27H56	000593-49-7	64





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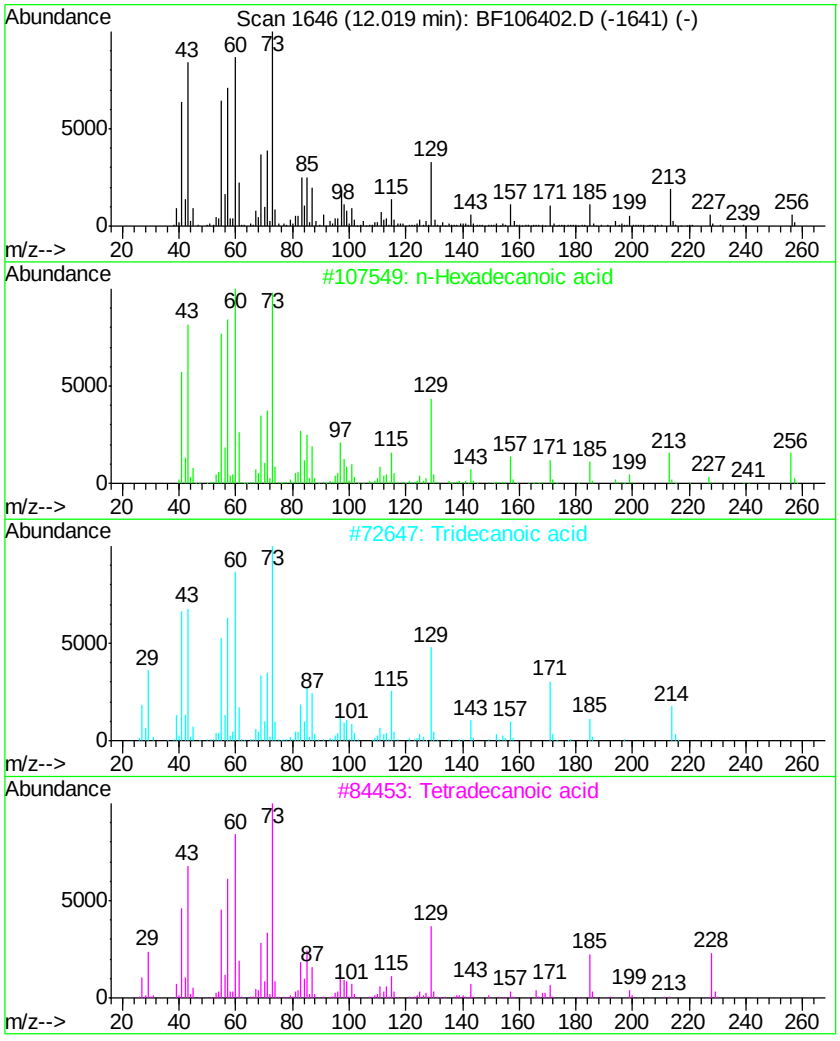
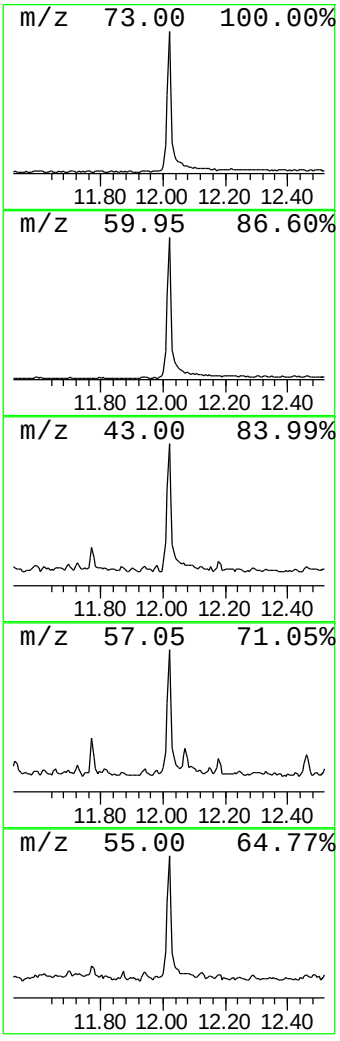
Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	12.94 ng	791196	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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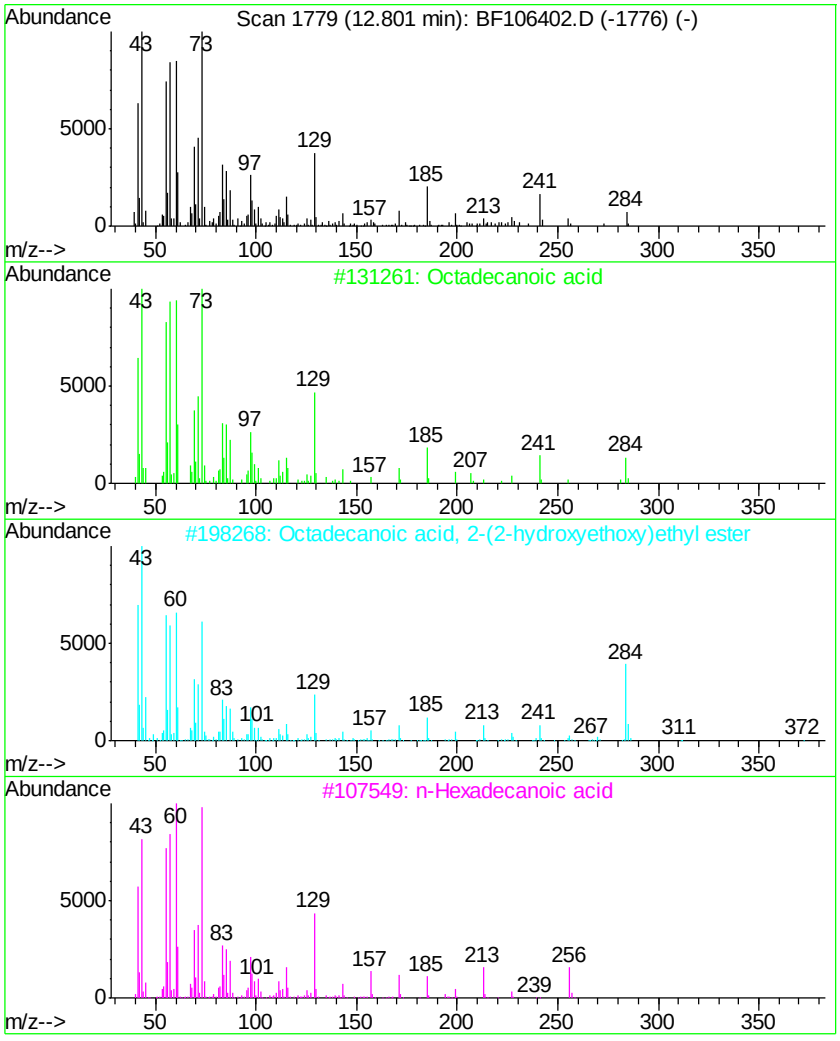
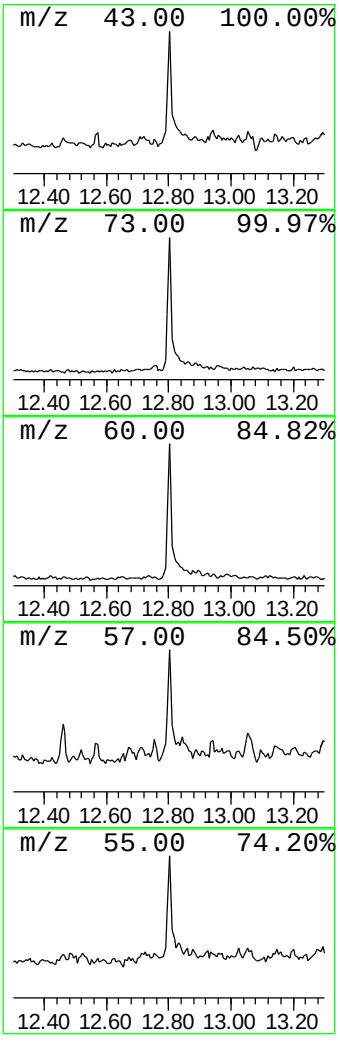
Peak Number 18 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.29 ng	323499	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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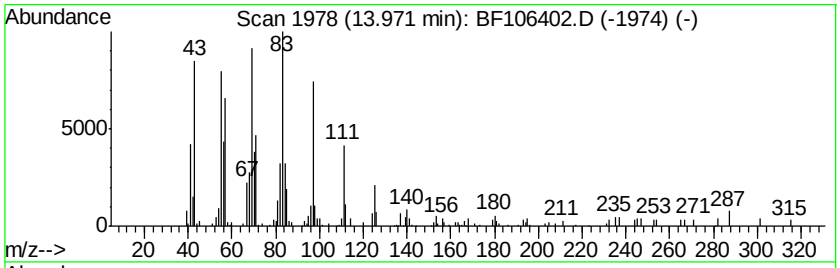
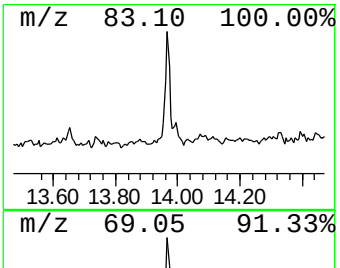
Peak Number 19 Trifluoroacetoxy hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.80 ng	133334	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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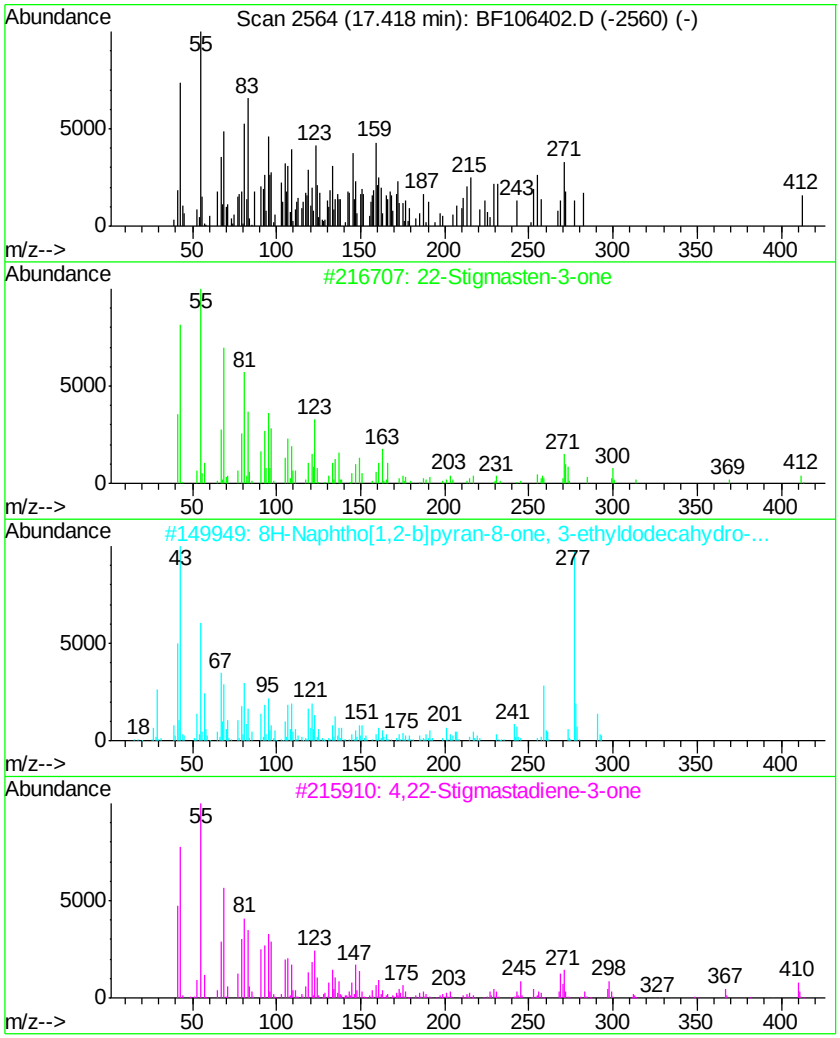
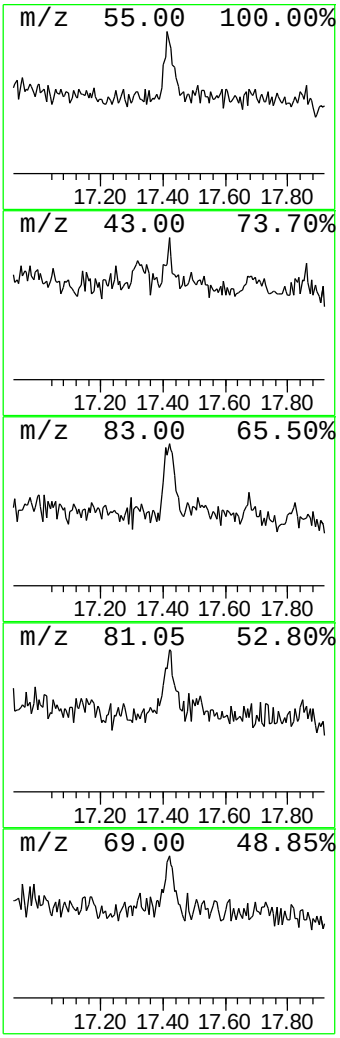
Peak Number 20 unknown17.42 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.74 ng	135700	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	22-Stigmasten-3-one	412	C29H48O	004736-95-2	38
2	8H-Naphtho[1,2-b]pyran-8-one, 3-...	306	C20H34O2	055836-76-5	25
3	4,22-Stigmastadiene-3-one	410	C29H46O	020817-72-5	14
4	2,3-Dicyano-4-[4-(1-imidazolyl)-b...	282	C15H14N4O2	1000111-44-3	10
5	Thunbergol	290	C20H34O	025269-17-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061318\
Data File : BF106402.D
Acq On : 13 Jun 2018 20:15
Operator : JU/SJ
Sample : J3451-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-44949-SLUDGEBOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
Butanoic acid, 3-...	5.30	3.1	ng	138678	1	6.97	903280	20.0
Cyclohexanol	5.77	2.4	ng	108720	1	6.97	903280	20.0
Benzene, 1,3-dime...	5.82	3.0	ng	136040	1	6.97	903280	20.0
Ethanol, 2-butoxy-	5.92	27.8	ng	1256350	1	6.97	903280	20.0
unknown6.75	6.75	40.7	ng	1838910	1	6.97	903280	20.0
Benzene, 1,2,3-tr...	6.79	2.6	ng	116878	1	6.97	903280	20.0
1-Hexanol, 2-ethyl-	7.02	9.2	ng	416638	1	6.97	903280	20.0
Hexanoic acid, 2-...	7.68	9.7	ng	582239	2	8.25	1207050	20.0
unknown9.46	9.46	11.2	ng	720662	3	10.01	1282540	20.0
N-(3-Phenylbutyl)...	9.79	6.4	ng	410782	3	10.01	1282540	20.0
Hexadecane	9.92	3.2	ng	204858	3	10.01	1282540	20.0
unknown10.32	10.32	2.6	ng	165009	3	10.01	1282540	20.0
Pentadecane, 7-me...	10.42	3.2	ng	205433	3	10.01	1282540	20.0
unknown10.64	10.64	2.4	ng	155719	3	10.01	1282540	20.0
Dodecane, 2-methy...	10.90	6.0	ng	367026	4	11.50	1223320	20.0
n-Hexadecanoic acid	12.02	12.9	ng	791196	4	11.50	1223320	20.0
Octadecanoic acid	12.80	5.3	ng	323499	4	11.50	1223320	20.0
Trifluoroacetoxy ...	13.97	2.8	ng	133334	5	14.15	953263	20.0
unknown17.42	17.42	2.7	ng	135700	6	15.68	989858	20.0