LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

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-BF121218.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	4.269	365	371	375	rBV	903346	1089114	6.15%	0.485%
2	5.010	491	497	503	rBV	1619105	2154269	12.16%	0.960%
3	5.428	564	568	574	rVB2	3105988	4769557	26.93%	2.124%
4	5.504	574	581	582	rVB2	317780	575110	3.25%	0.256%
5	5.593	593	596	600	rVB	825801	729801	4.12%	0.325%
6	5.751	620	623	628	rBV	517983	494805	2.79%	0.220%
7	5.957	654	658	662	rBV	636254	787965	4.45%	0.351%
8	6.057	667	675	682	rBV2	742144	1690827	9.55%	0.753%
9	6.351	717	725	728	rBV	1722445	2731916	15.43%	1.217%
10	6.387	728	731	734	rVV	775486	1165807	6.58%	0.519%
11	6.416	734	736	740	rVV	786785	953565	5.38%	0.425%
12	6.487	740	748	759	rVB	7326729	17710093	100.00%	7.888%
13	6.581	759	764	767	rBV	5037005	5206447	29.40%	2.319%
14	6.640	769	774	775	rBV	2025072	1893223	10.69%	0.843%
15	6.651	775	776	780	rVB2	1699982	1602335	9.05%	0.714%
16	6.751	789	793	797	rVB2	1197882	1342489	7.58%	0.598%
17	6.798	797	801	803	rBV	1925195	1704792	9.63%	0.759%
18	6.910	817	820	822	rVB	842606	736462	4.16%	0.328%
19	6.957	824	828	832	rBV2	5859875	6427686	36.29%	2.863%
20	6.993	832	834	836	rVB2	966492	775220	4.38%	0.345%
21	7.081	841	849	852	rBV2	2173586	3252849	18.37%	1.449%
22	7.134	855	858	861	rBV2	604313	708010	4.00%	0.315%
23	7.240	872	876	879	rVB	3294636	2991203	16.89%	1.332%
24	7.275	879	882	885	rVB2	1354014	1641820	9.27%	0.731%
25	7.310	885	888	889	rBV	564717	541096	3.06%	0.241%
26	7.363	890	897	900	rVB	4338240	5744813	32.44%	2.559%
27	7.404	900	904	907	rVB	814423	769188	4.34%	0.343%
28	7.463	912	914	915	rBV	879517	662204	3.74%	0.295%
29	7.598	926	937	938	rBV7	1302043	3204384	18.09%	1.427%
30	7.675	946	950	952	rVB3	1498127	2032376	11.48%	0.905%
31	7.698	952	954	957	rBV3	1007485	1033061	5.83%	0.460%
32	7.775	959	967	971	rVB	2770636	6126062	34.59%	2.729%
33	7.822	971	975	980	rBV2	2942660	4324776	24.42%	1.926%
34	7.869	980	983	985	rBV	1527522	1706512	9.64%	0.760%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.957	992	998	1001	rBV3	2032864	3076769	17.37%	1.370%
36	8.004	1002	1006	1007	rBV3	919365	1108863	6.26%	0.494%
37	8.081	1016	1019	1023	rVB	2911397	2792534	15.77%	1.244%
38	8.122	1023	1026	1030	rVB3	870928	1146111	6.47%	0.510%
39	8.187	1035	1037	1038	rBV	690131	503989	2.85%	0.224%
40	8.257	1044	1049	1054	rVB	4285131	5142700	29.04%	2.291%
41	8.322	1054	1060	1062	rBV	2469671	3134645	17.70%	1.396%
42	8.345	1062	1064	1066	rVB	1369234	856274	4.83%	0.381%
43	8.375	1066	1069	1072	rVB3	1886910	2354067	13.29%	1.049%
44	8.404	1072	1074	1079	rVB2	1790340	2169852	12.25%	0.966%
45	8.457	1079	1083	1088	rVB4	1515374	2064726	11.66%	0.920%
46	8.551	1091	1099	1103	rBV5	2138491	5223487	29.49%	2.327%
47	8.634	1103	1113	1116	rBV5	3732193	9086734	51.31%	4.047%
48	8.663	1116	1118	1119	rVV	1398511	1059647	5.98%	0.472%
49	8.681	1119	1121	1122	rVB2	1292707	927338	5.24%	0.413%
50	8.769	1134	1136	1138	rVB2	1883821	1564181	8.83%	0.697%
51	8.792	1138	1140	1141	rVV	1002600	613912	3.47%	0.273%
52	8.810	1141	1143	1145	rVB	769186	519585	2.93%	0.231%
53	8.845	1145	1149	1151	rBV3	893408	1088947	6.15%	0.485%
54	8.898	1151	1158	1164	rVB2	2986840	5666964	32.00%	2.524%
55	8.951	1164	1167	1169	rBV	970954	795380	4.49%	0.354%
56	8.986	1171	1173	1176	rVB3	513781	499503	2.82%	0.222%
57	9.022	1176	1179	1182	rBV	1038898	1276595	7.21%	0.569%
58	9.063	1182	1186	1189	rVB2	1999086	2346338	13.25%	1.045%
59	9.157	1193	1202	1205	rVV	8640728	11433221	64.56%	5.093%
60	9.192	1205	1208	1210	rVV2	2992660	4093981	23.12%	1.824%
61	9.216	1210	1212	1219	rVB5	969630	1112004	6.28%	0.495%
62	9.275	1219	1222	1224	rBV	676755	592180	3.34%	0.264%
63	9.304	1224	1227	1228	rVV3	716443	678764	3.83%	0.302%
64	9.328	1228	1231	1237	rVB2	1013219	1216700	6.87%	0.542%
65	9.422	1243	1247	1249	rBV3	495028	621694	3.51%	0.277%
66	9.498	1252	1260	1262	rBV	3333798	6489164	36.64%	2.890%
67	9.528	1262	1265	1266	rVB3	547606	602034	3.40%	0.268%
68	9.634	1277	1283	1285	rBV2	1185088	1821834	10.29%	0.811%
69	9.669	1285	1289	1292	rVB	717476	830479	4.69%	0.370%
70	9.716	1294	1297	1301	rVB3	855485	1088768	6.15%	0.485%
71	9.769	1301	1306	1309	rBV4	1147545	1660500	9.38%	0.740%

LSC Area Percent Report

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Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.834	1314	1317	1322	rVB	2902040	2796473	15.79%	1.246%
73	9.881	1322	1325	1329	rBV4	401871	663828	3.75%	0.296%
74	10.145	1367	1370	1375	rVB	1370336	1437086	8.11%	0.640%
75	10.310	1395	1398	1399	rBV	1044544	786301	4.44%	0.350%
76	10.451	1419	1422	1426	rBV2	697804	694763	3.92%	0.309%
77	10.492	1426	1429	1433	rVB	624538	559617	3.16%	0.249%
78	10.628	1448	1452	1455	rVV	3009018	2628295	14.84%	1.171%
79	10.845	1486	1489	1493	rVV2	517624	516252	2.92%	0.230%
80	11.092	1521	1531	1534	rBV	4555878	8614599	48.64%	3.837%
81	11.204	1546	1550	1555	rVB2	2163921	2039983	11.52%	0.909%
82	11.263	1557	1560	1564	rVB2	559530	537145	3.03%	0.239%
83	11.316	1564	1569	1573	rBV	2030493	1926490	10.88%	0.858%
84	11.475	1593	1596	1600	rBV2	604446	686400	3.88%	0.306%
85	11.710	1633	1636	1642	rBV2	741092	1088974	6.15%	0.485%
86	11.863	1658	1662	1667	rBV	1722238	1945731	10.99%	0.867%
87	11.933	1671	1674	1678	rVV2	1286214	1304675	7.37%	0.581%
88	11.986	1680	1683	1686	rVV2	528417	611717	3.45%	0.272%
89	12.022	1686	1689	1693	rVB2	1173198	1124423	6.35%	0.501%
90	12.639	1791	1794	1800	rVB2	1288708	1530909	8.64%	0.682%
91	12.804	1817	1822	1832	rVB2	5115228	6962576	39.31%	3.101%
92	12.898	1835	1838	1842	rVB	3014362	2857726	16.14%	1.273%
93	13.757	1981	1984	1989	rBV	763820	779379	4.40%	0.347%
94	13.804	1989	1992	1997	rVB2	597243	652709	3.69%	0.291%
95	13.951	2014	2017	2024	rVB	1469774	1297265	7.33%	0.578%
96	14.427	2095	2098	2110	rVB2	732531	943291	5.33%	0.420%
97	14.733	2146	2150	2153	rVB	673833	656098	3.70%	0.292%
98	15.063	2202	2206	2210	rVB	623497	681755	3.85%	0.304%
99	15.386	2257	2261	2265	rBV	789002	981621	5.54%	0.437%
100	15.427	2265	2268	2274	rVB	531153	661581	3.74%	0.295%

Sum of corrected areas: 224507963

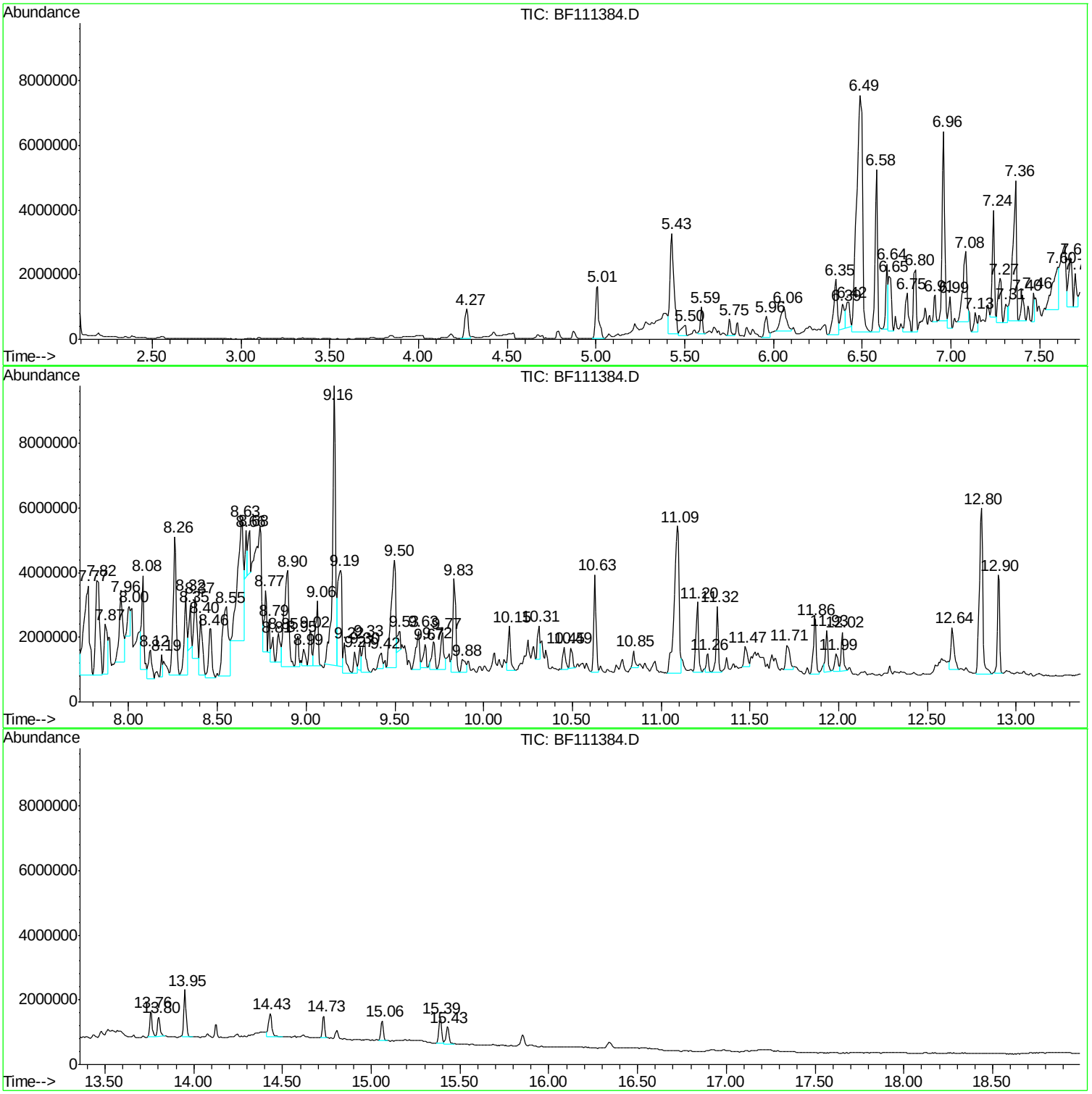
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SW004-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

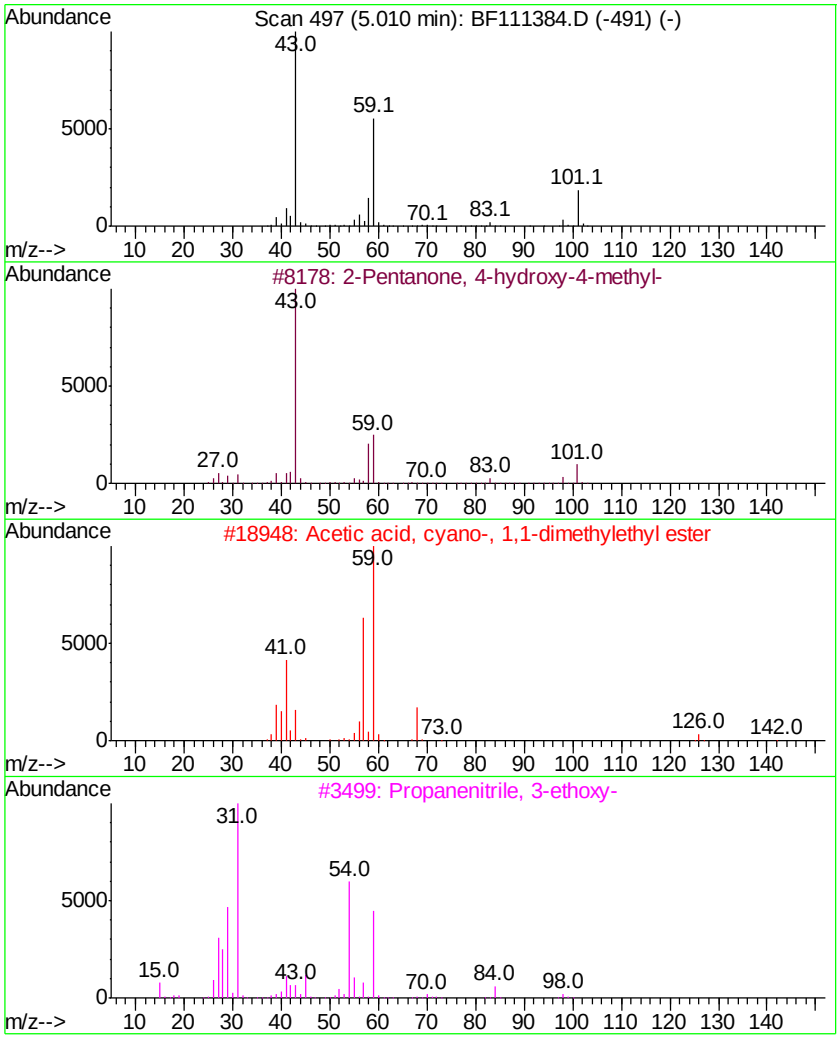
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

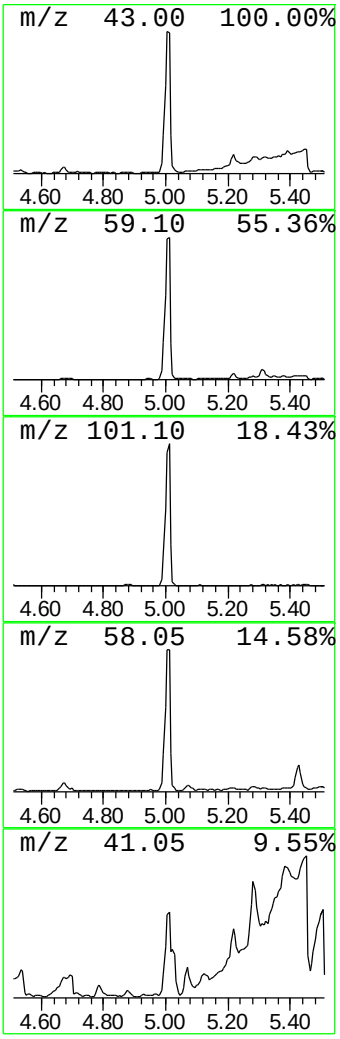
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	25.27 ng	2154270	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

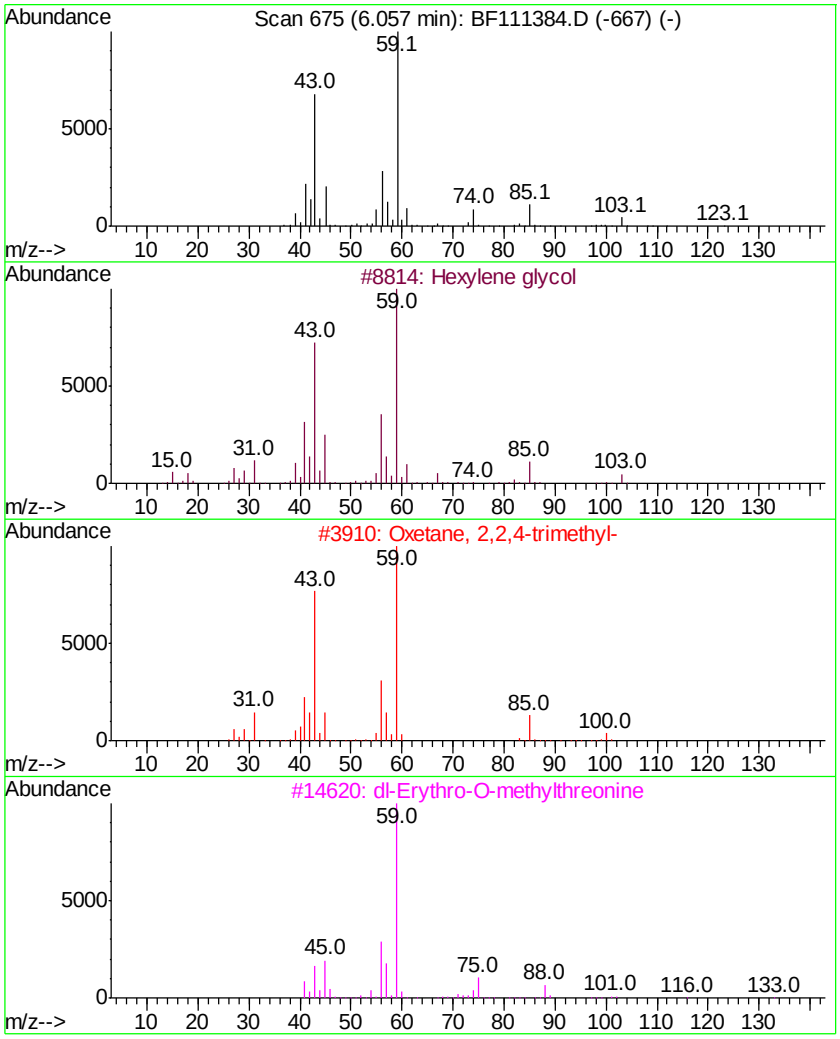
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

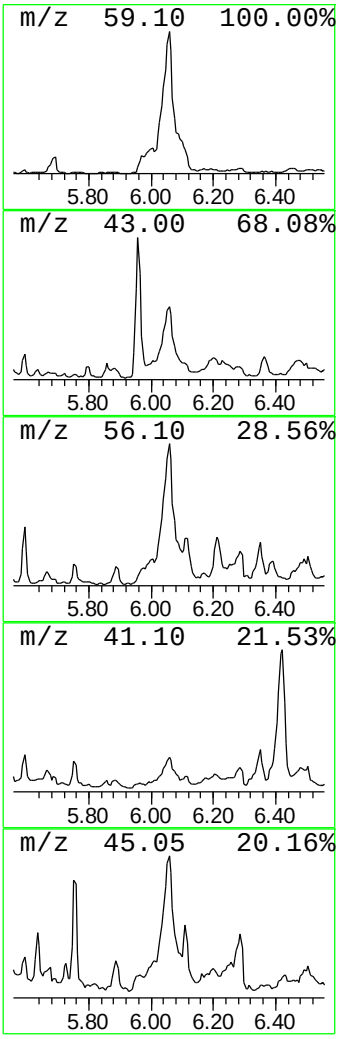
****

Peak Number 2 Hexylene glycol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	19.84 ng	1690830	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	90
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	64
3	dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	45
4	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	40
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

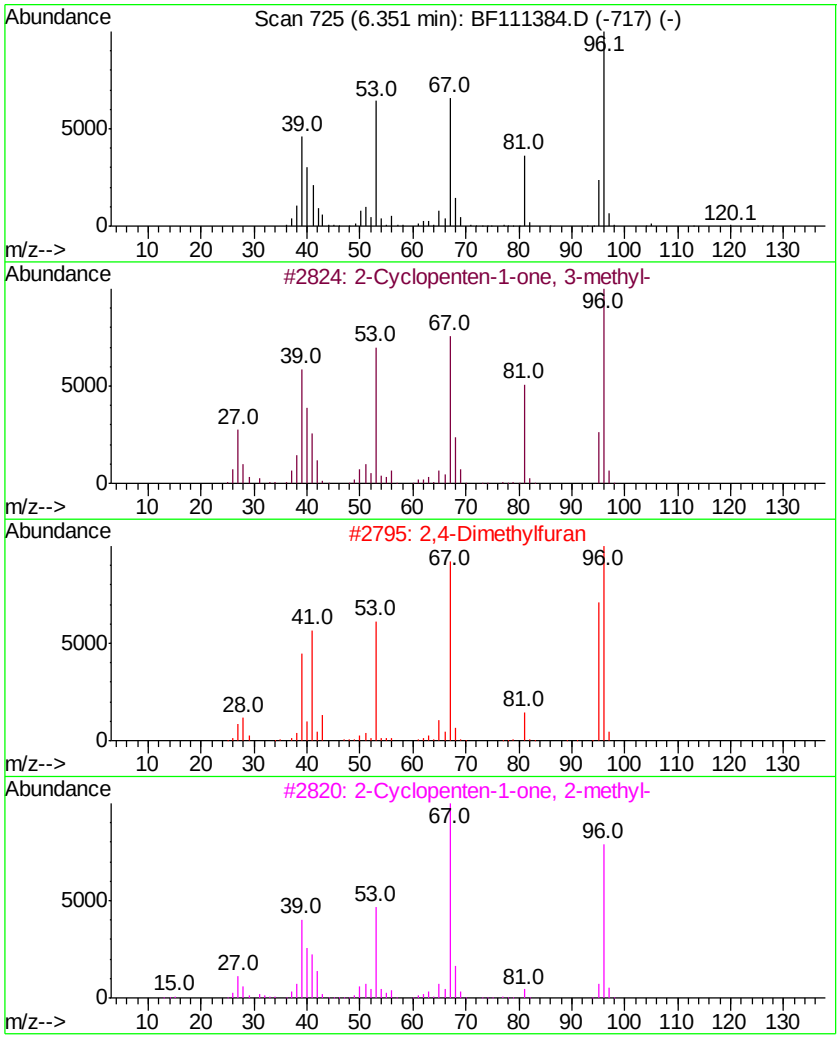
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

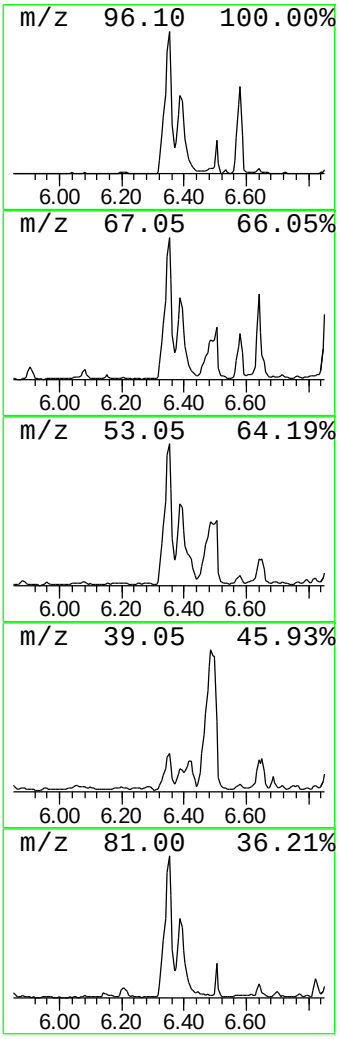
****

Peak Number 3 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	32.05 ng	2731920	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	90
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	86
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	59
4	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	53
5	1,3-Butadiene, 2-methyl-	68	C5H8	000078-79-5	50





Library Search Compound Report

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Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

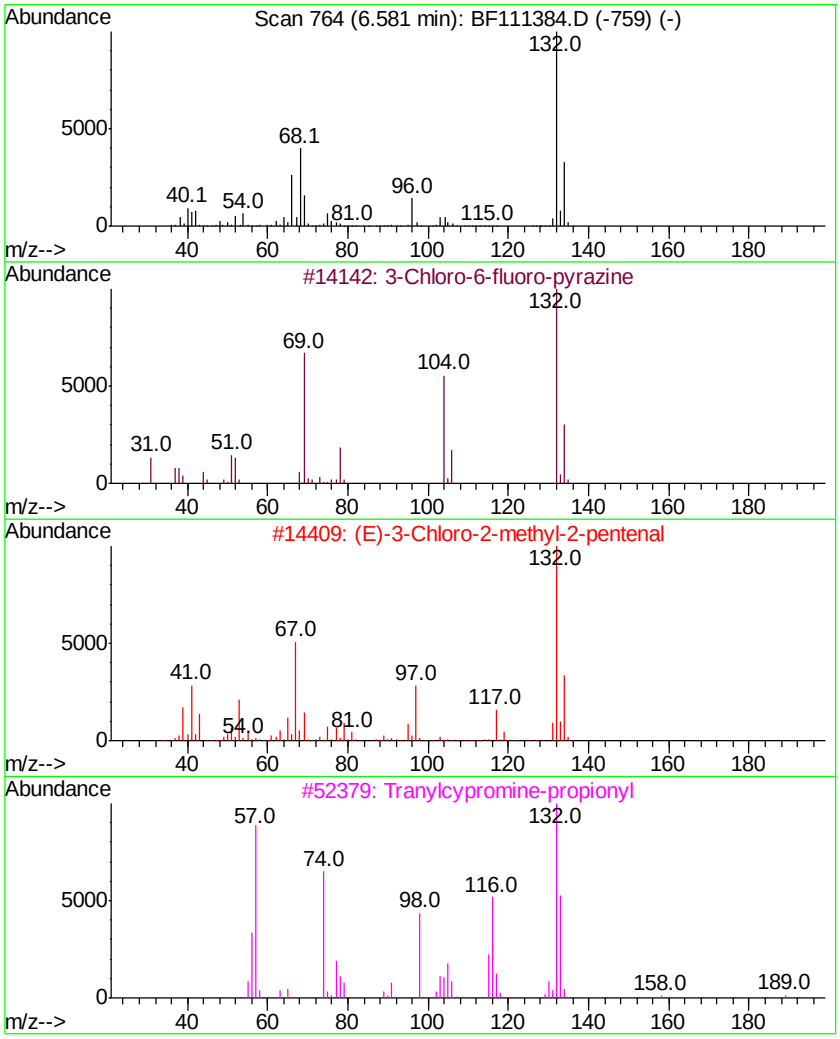
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

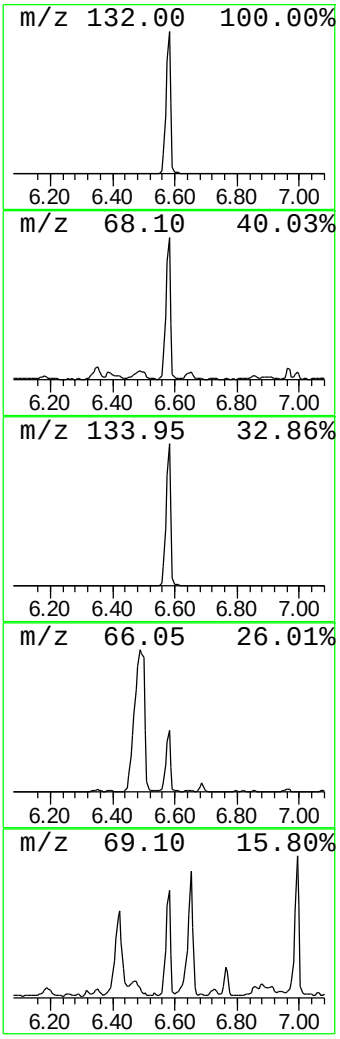
****

Peak Number 4 unknown6.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	61.08 ng	5206450	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

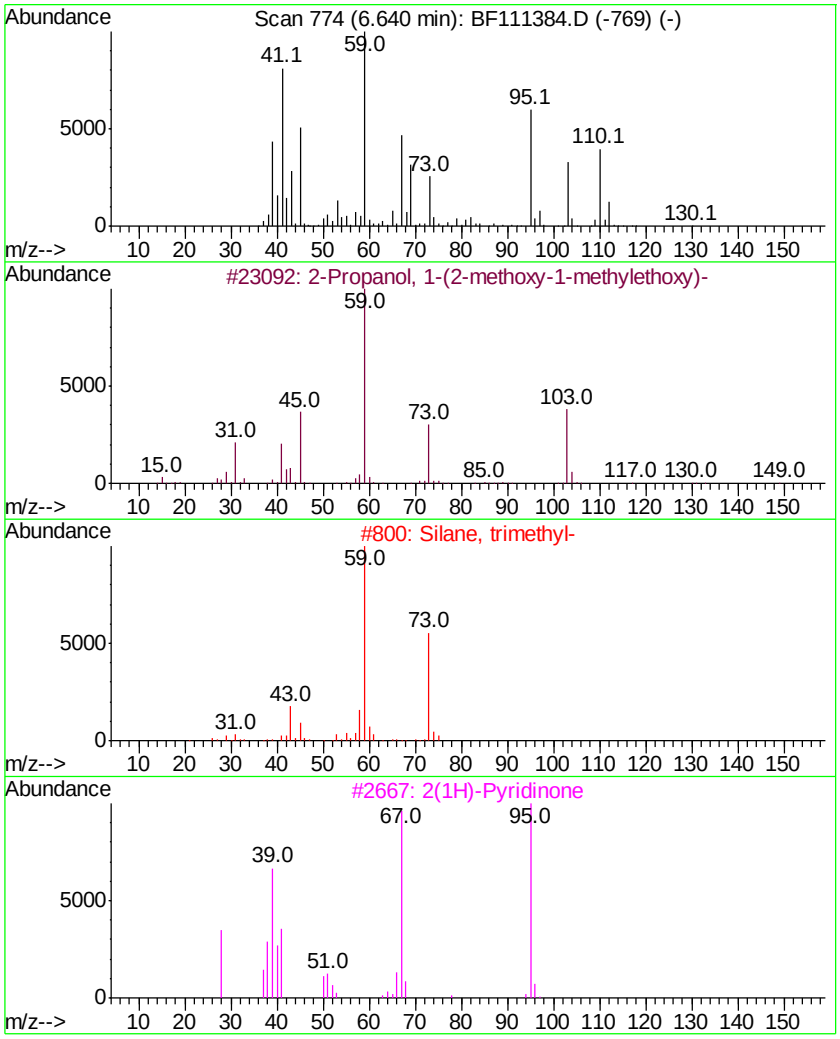
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

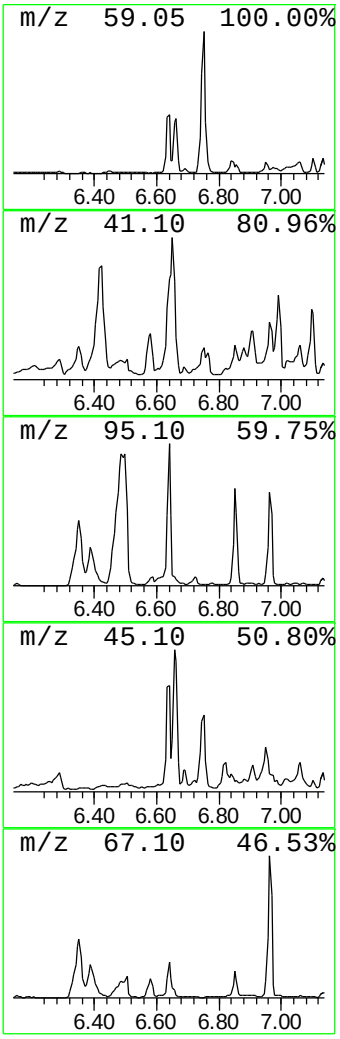
****

Peak Number 5 unknown6.64 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	22.21 ng	1893220	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	27
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	27
3	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	22
4	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	18
5	2-Furancarboxylic acid, 2-ethylc...	222	C13H18O3	1000278-83-7	16





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Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

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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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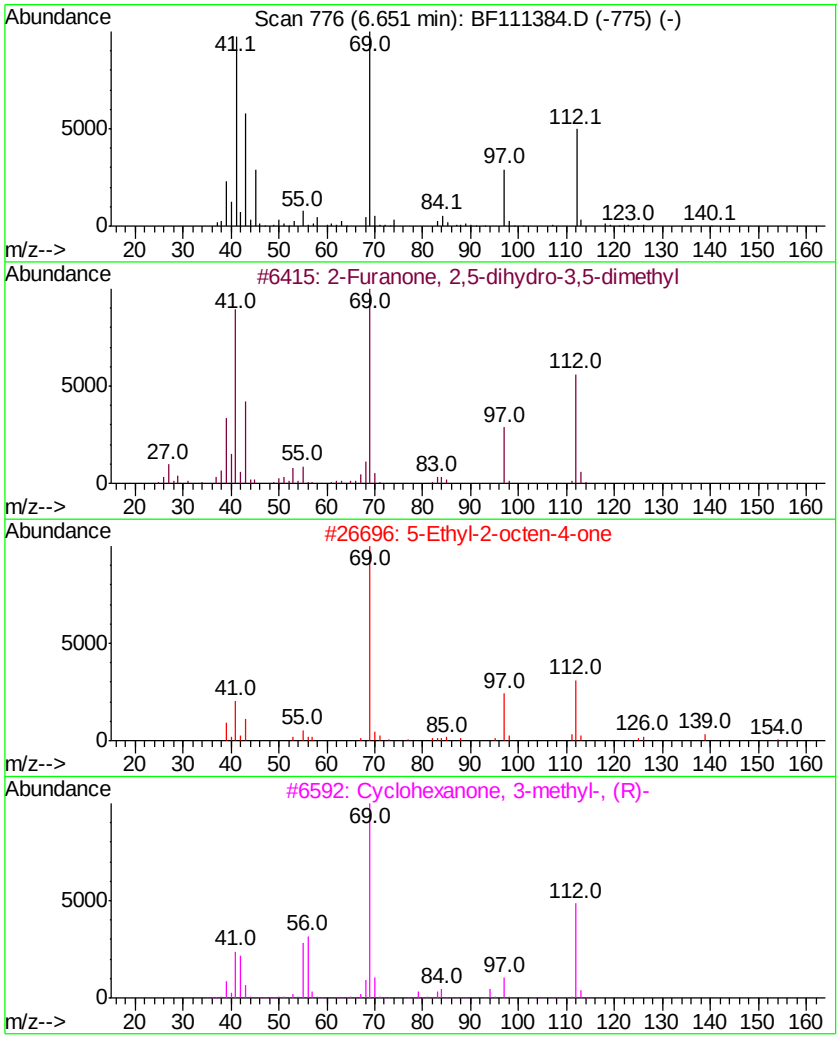
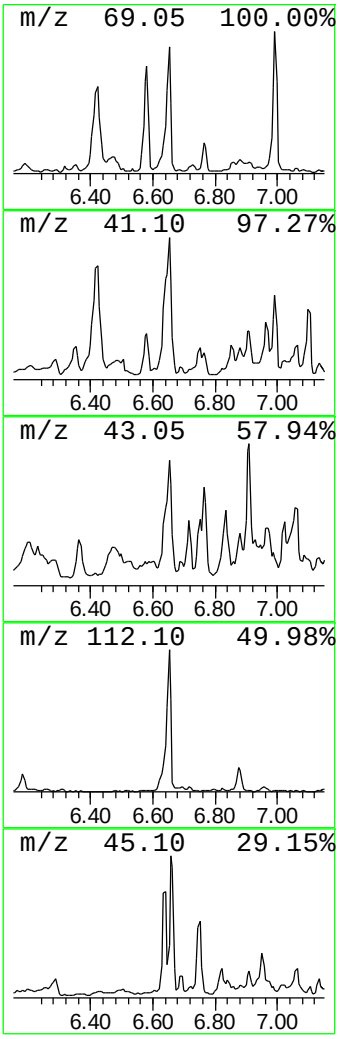
Peak Number 6 2-Furanone, 2,5-dihydro-3,5... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	18.80 ng	1602340	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanone, 2,5-dihydro-3,5-dime...	112	C6H8O2	1000196-88-1	80
2	5-Ethyl-2-octen-4-one	154	C10H18O	1000374-14-3	59
3	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	50
4	1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	47
5	1-Penten-3-one, 2,4-dimethyl-	112	C7H12O	003212-68-8	45





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Sample : J6305-04
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SW004-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

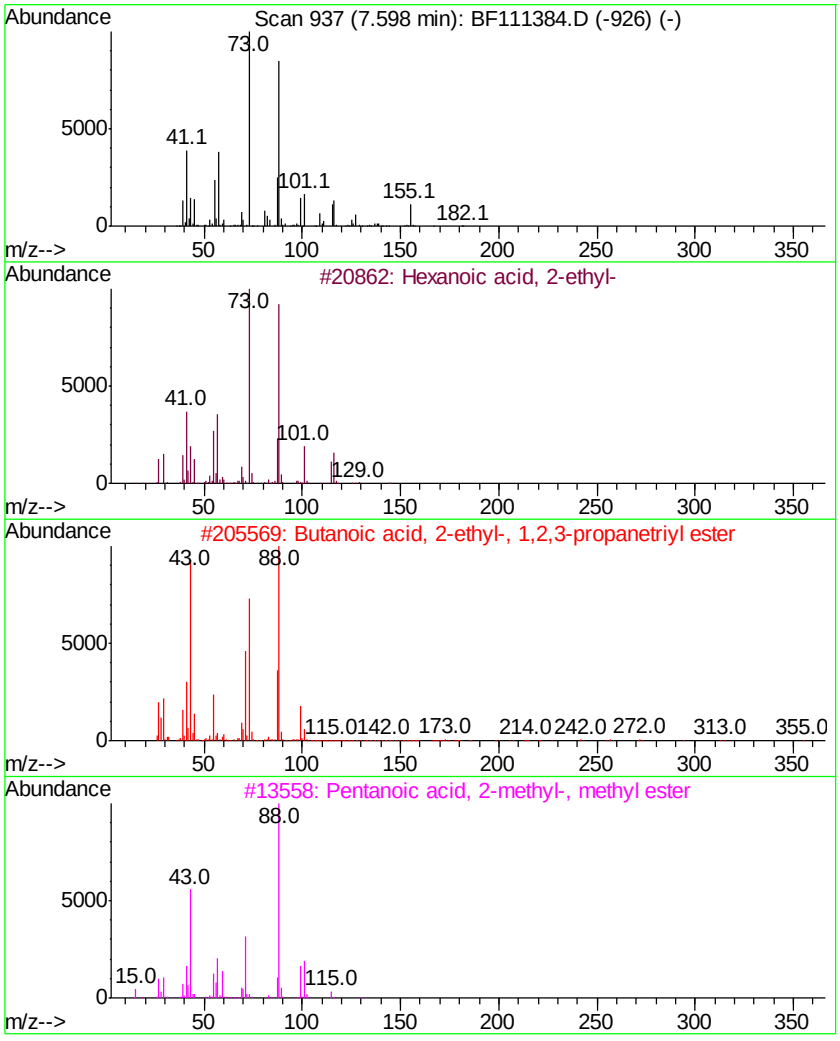
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

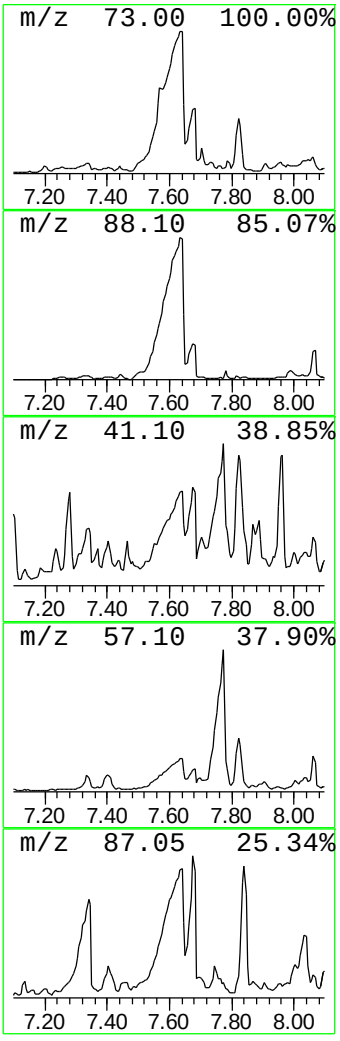
****

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	22.95 ng	3204380	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	47
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	28
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	25





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SW004-01

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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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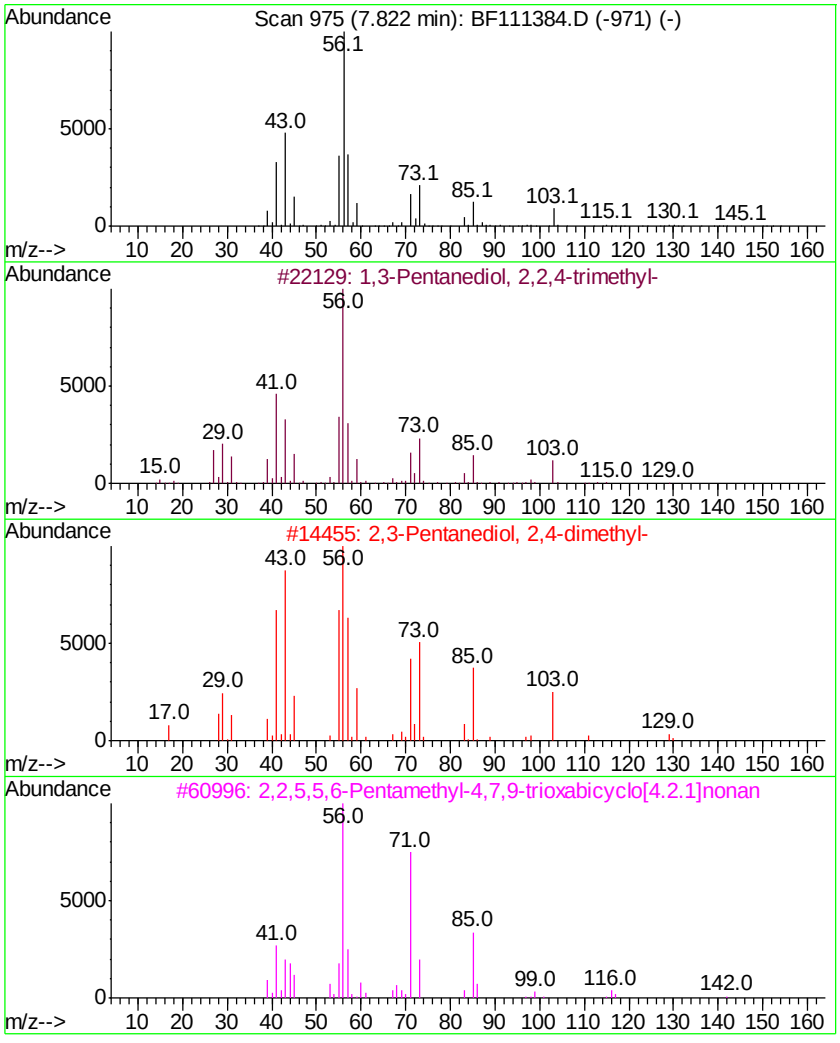
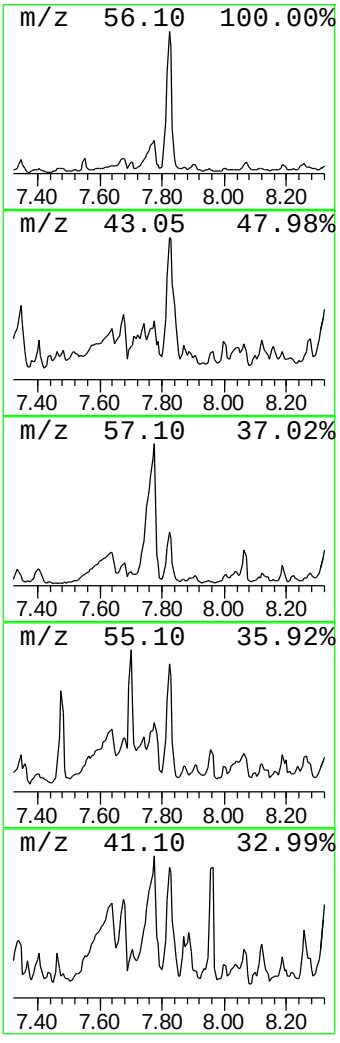
Peak Number 9 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	30.97 ng	4324780	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	90
2	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	53
3	2,2,5,5,6-Pentamethyl-4,7,9-trio...	200	C11H20O3	062759-70-0	36
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	33
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	33





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Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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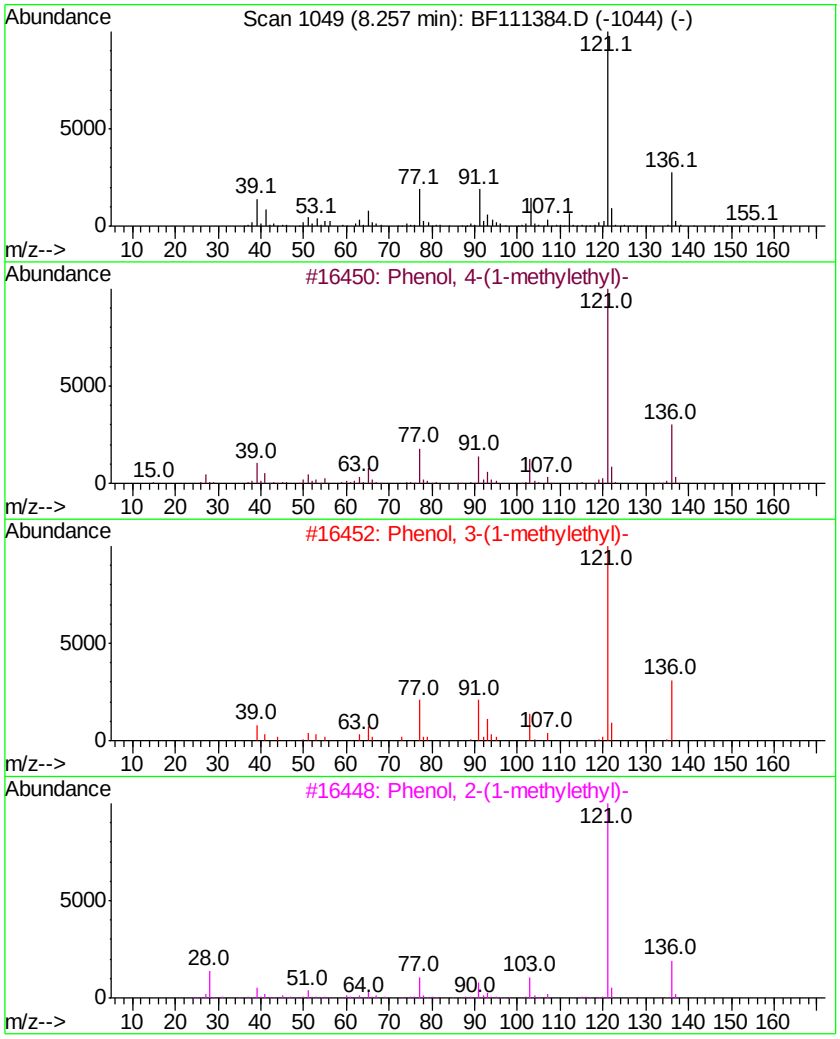
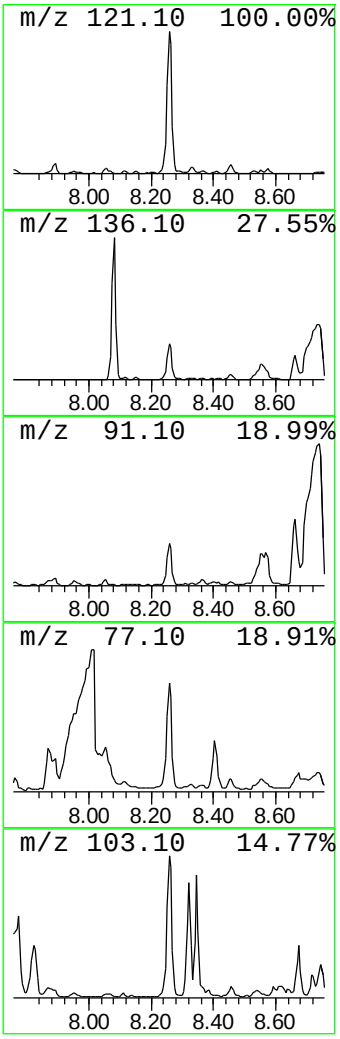
Peak Number 10 Phenol, 4-(1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	36.83 ng	5142700	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	95
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	93
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	83





Library Search Compound Report

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Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
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ClientSampleId : P001-SW004-01

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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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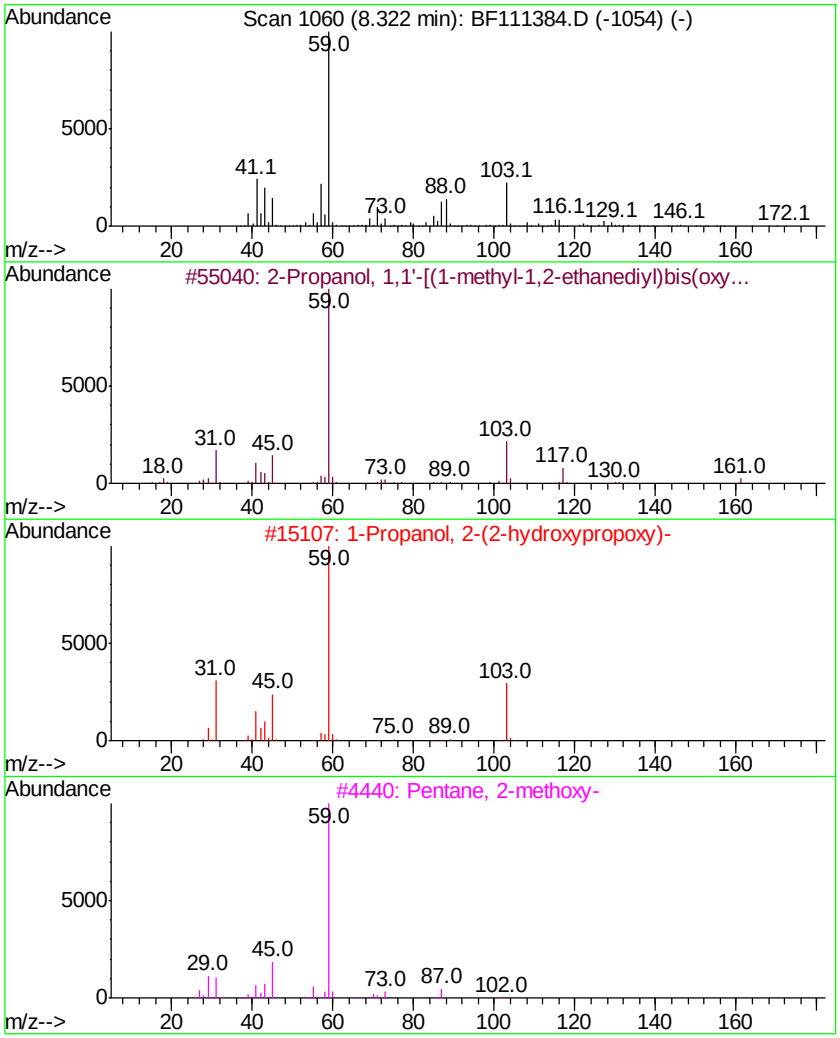
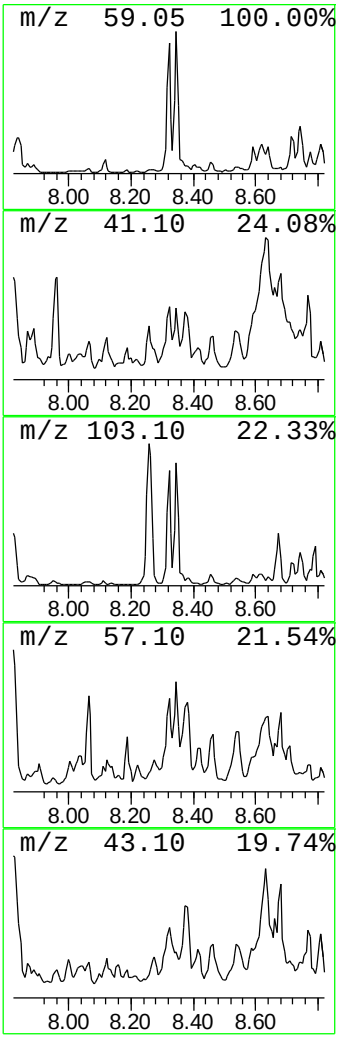
Peak Number 11 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	22.45 ng	3134650	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	59
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	50
4	Hydrazine, 1-methyl-1-propyl-	88	C4H12N2	004986-49-6	50
5	Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	43





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Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : P001-SW004-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

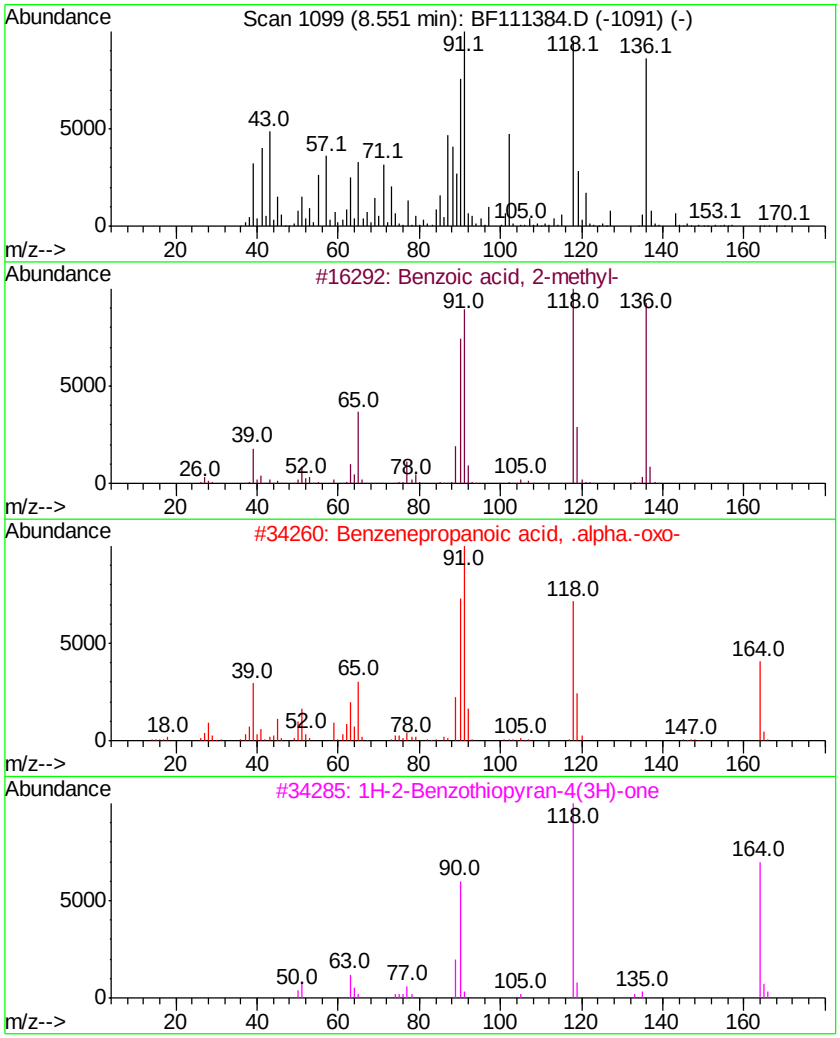
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

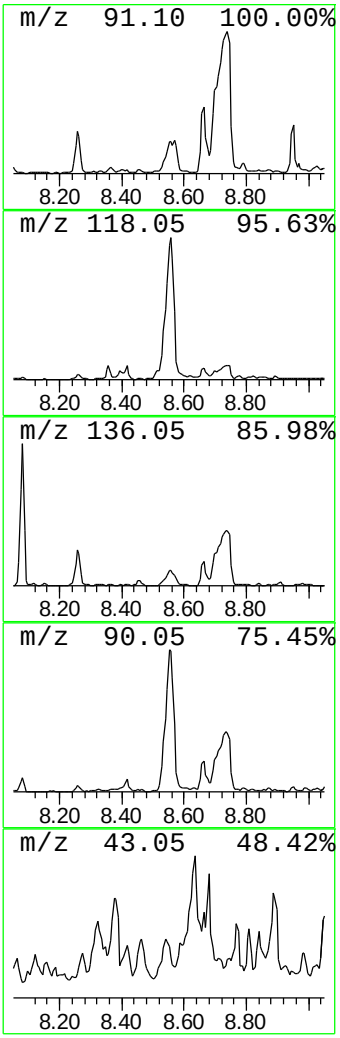
****

Peak Number 12 Benzoic acid, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	37.41 ng	5223490	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	94
2	Benzenepropanoic acid, .alpha.-oxo-	164	C9H8O3	000156-06-9	50
3	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	47
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	47
5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	45





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Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

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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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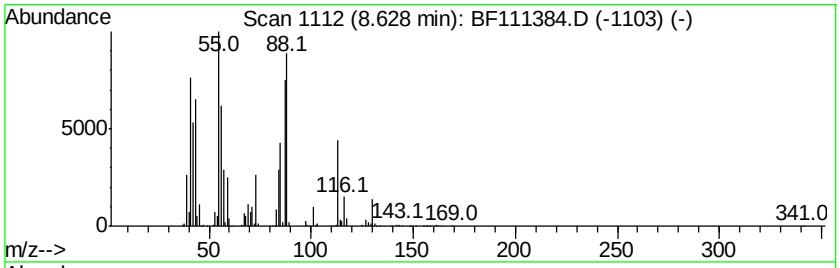
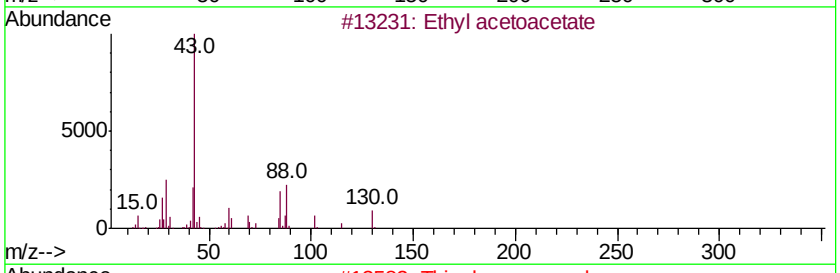
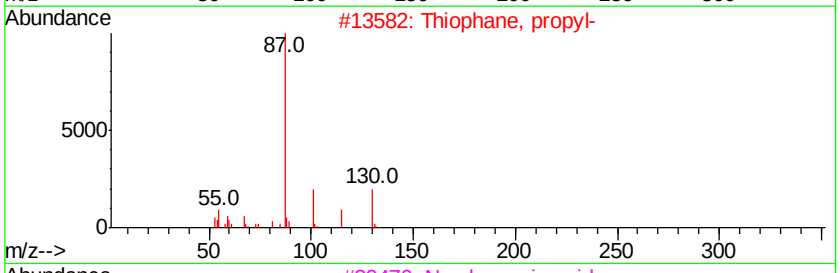
Peak Number 13 unknown8.63 Concentration Rank 4

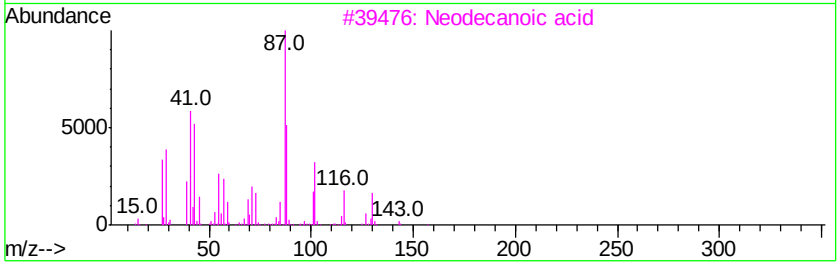
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	65.08 ng	9086730	Naphthalene-d8	8.08

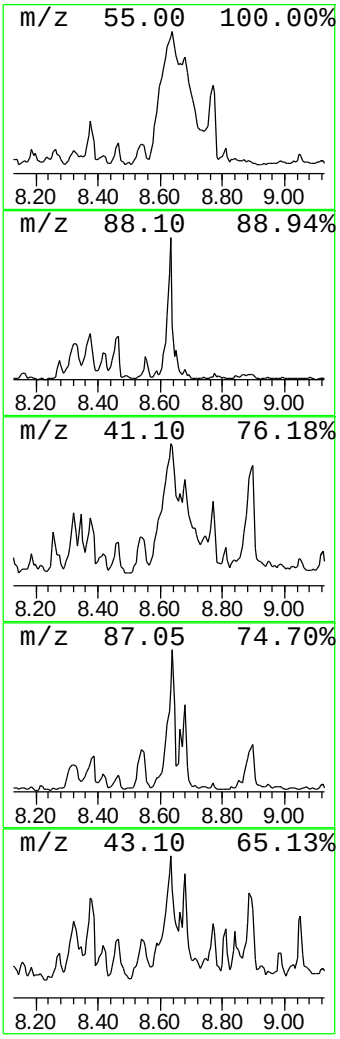
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl acetoacetate	130	C6H10O3	000141-97-9	27
2	Thiophane, propyl-	130	C7H14S	001551-34-4	18
3	Neodecanoic acid	172	C10H20O2	026896-20-8	16
4	Caprolactam	113	C6H11NO	000105-60-2	14
5	Pivaloin	172	C10H20O2	000815-66-7	12











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Misc :
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ClientSampleId : P001-SW004-01

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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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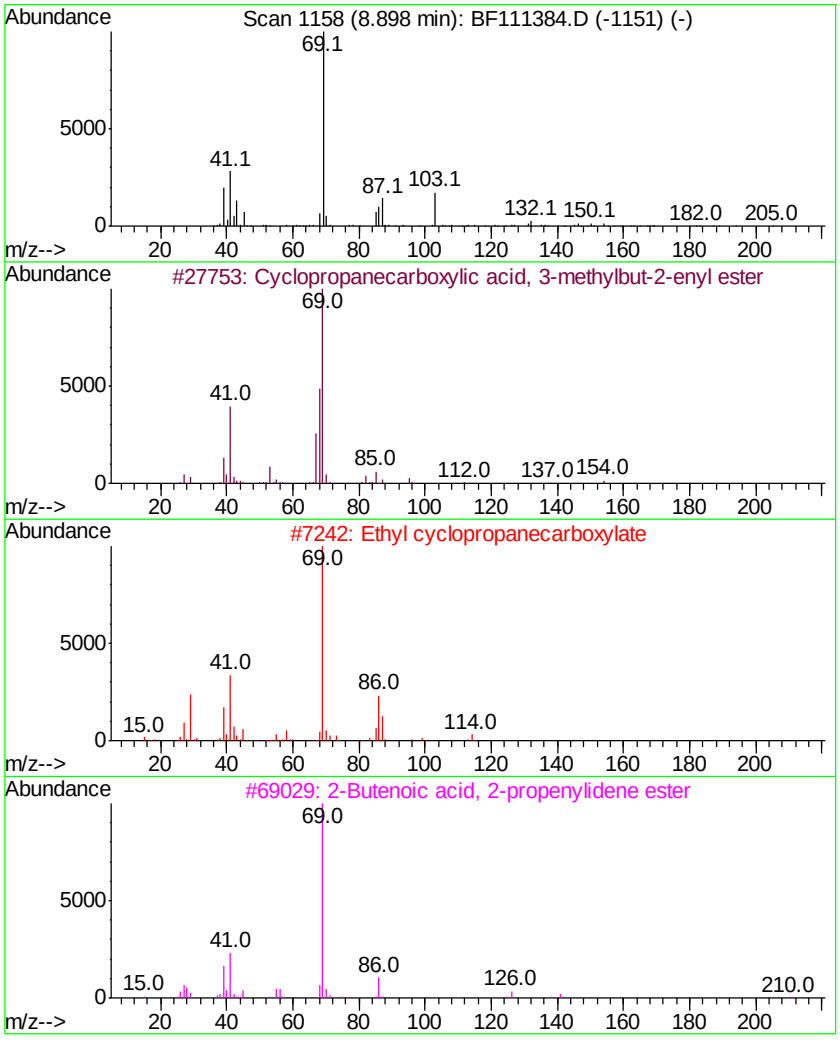
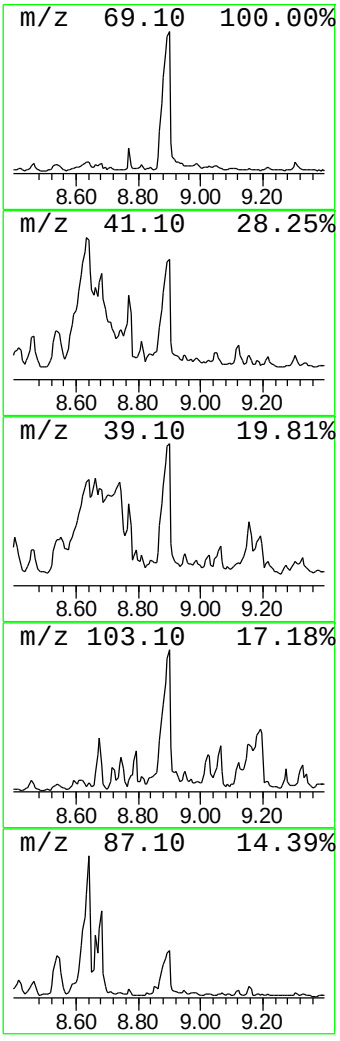
Peak Number 14 Cyclopropanecarboxylic acid... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	40.59 ng	5666960	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	53
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	45
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	36
4	2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	073545-15-0	9
5	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	9





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

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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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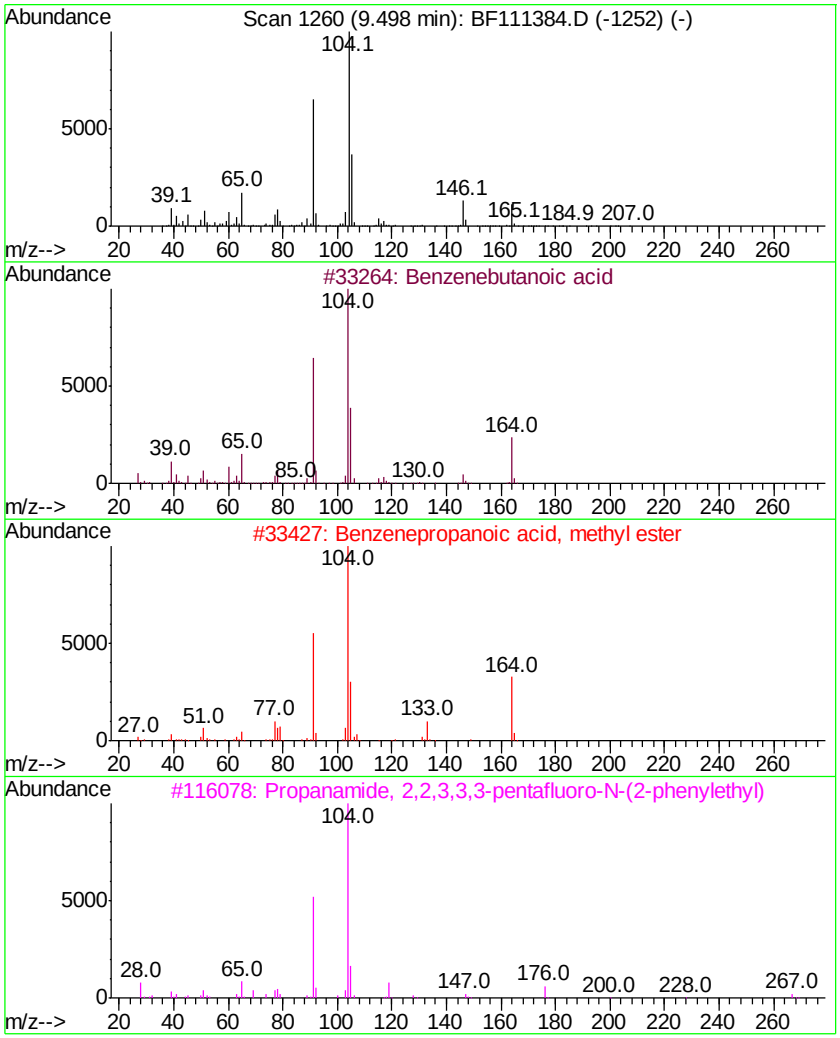
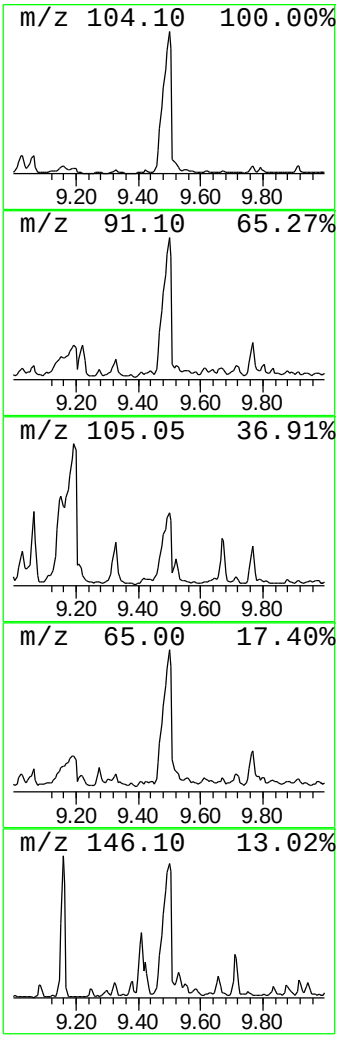
Peak Number 15 Benzenebutanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	46.41 ng	6489160	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid	164	C10H12O2	001821-12-1	90
2	Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	72
3	Propanamide, 2,2,3,3,3-pentafluo...	267	C11H10F5NO	013230-93-8	64
4	2-Phehylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	64
5	Benzeneacetic acid, 2-phenylethy...	240	C16H16O2	000102-20-5	64





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ClientSampleId : P001-SW004-01

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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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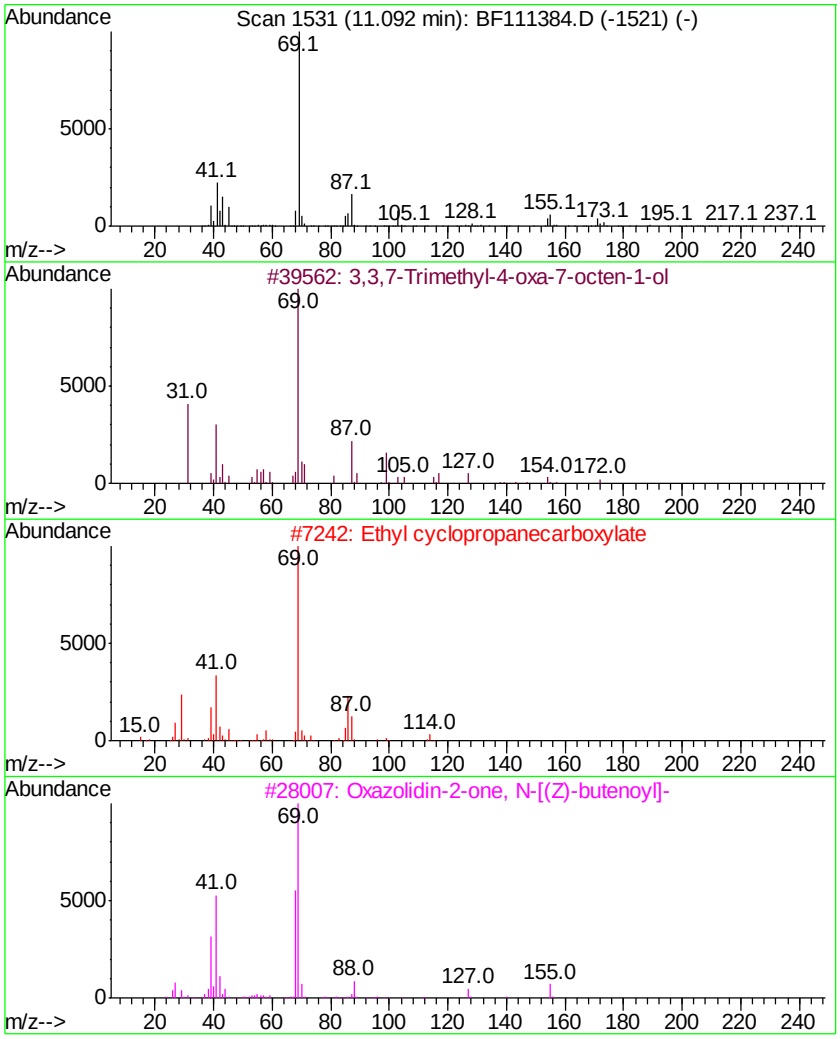
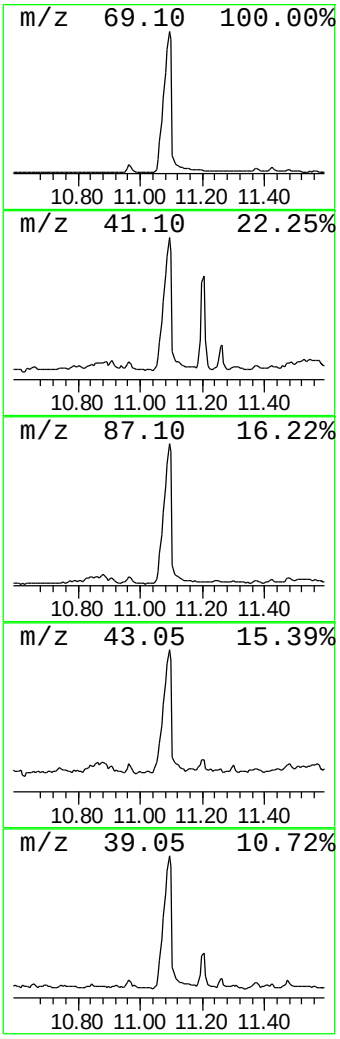
Peak Number 16 unknown11.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	89.43 ng	8614600	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	38
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
3	Oxazolidin-2-one, N-[(Z)-butenoyl]-	155	C7H9NO3	1000156-45-4	9
4	Cyclopropanecarboxylic acid,butyl...	142	C8H14O2	054947-39-6	9
5	3-Hexanol, 2,5-dimethyl-	130	C8H18O	019550-07-3	9





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Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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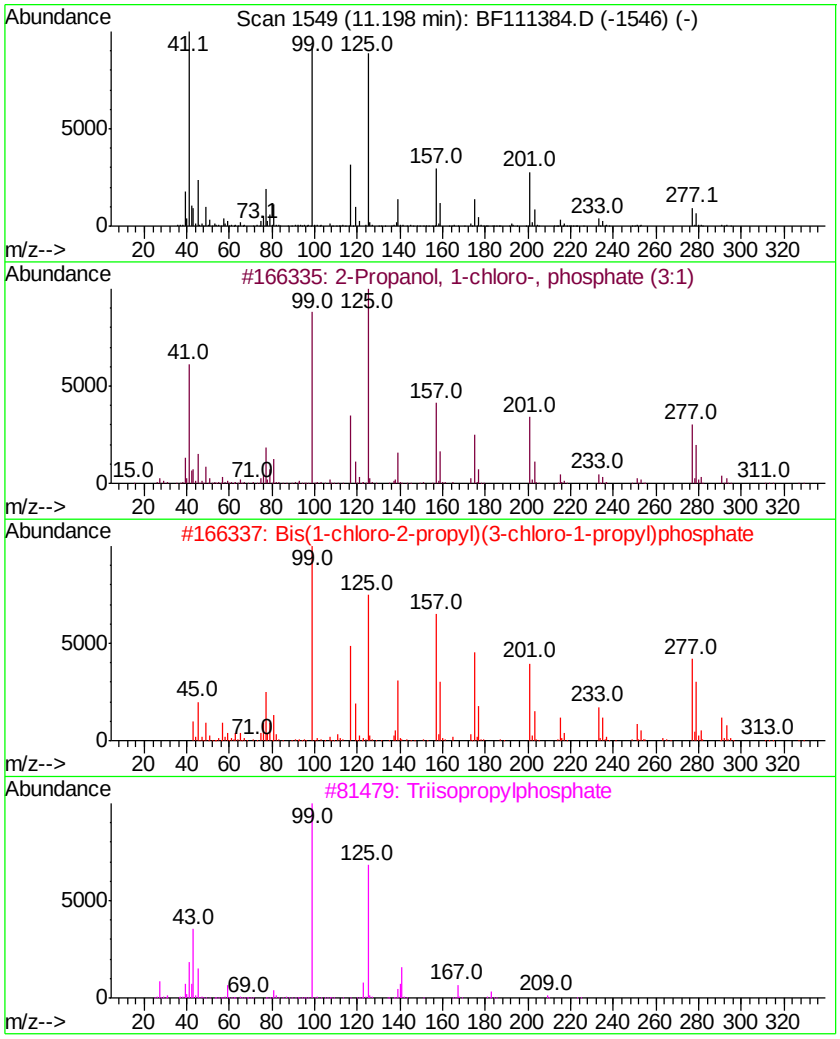
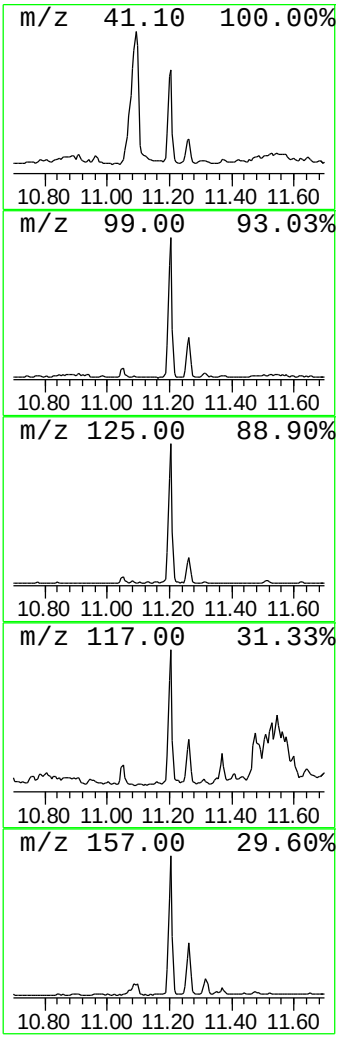
Peak Number 17 2-Propanol, 1-chloro-, phos... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	21.18 ng	2039980	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	94
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	35
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	16
5	.beta.-Bromoangelic acid	178	C5H7BrO2	1000131-80-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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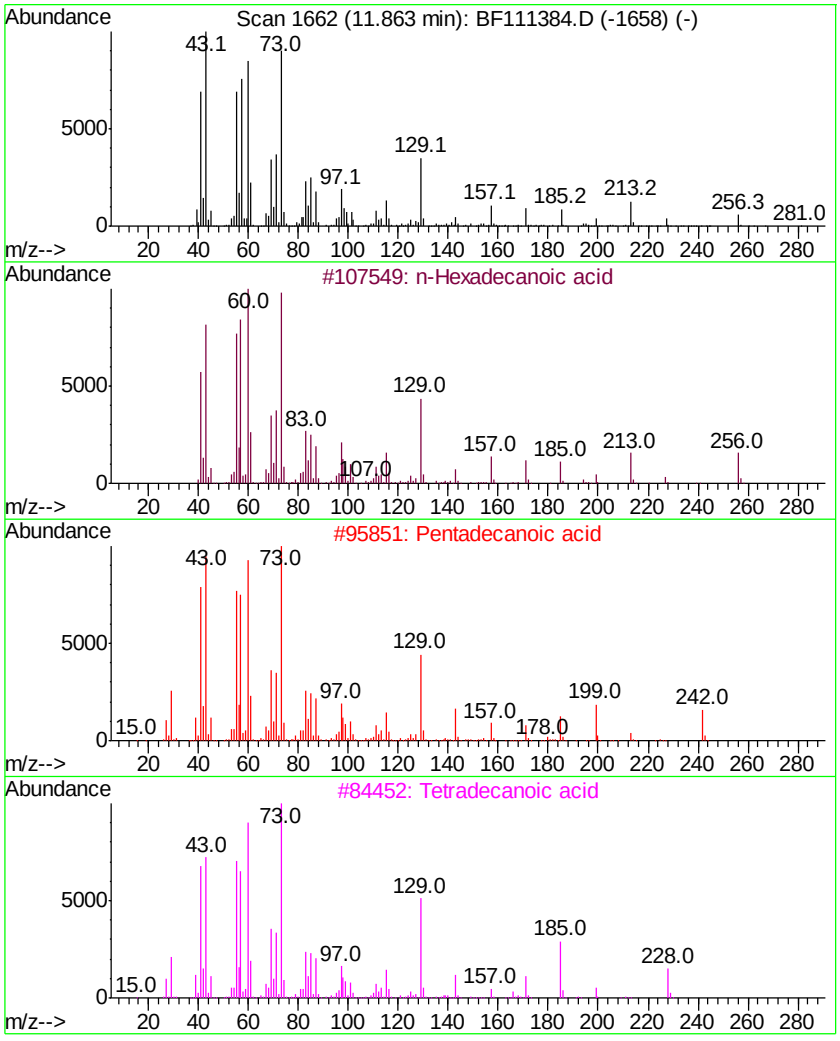
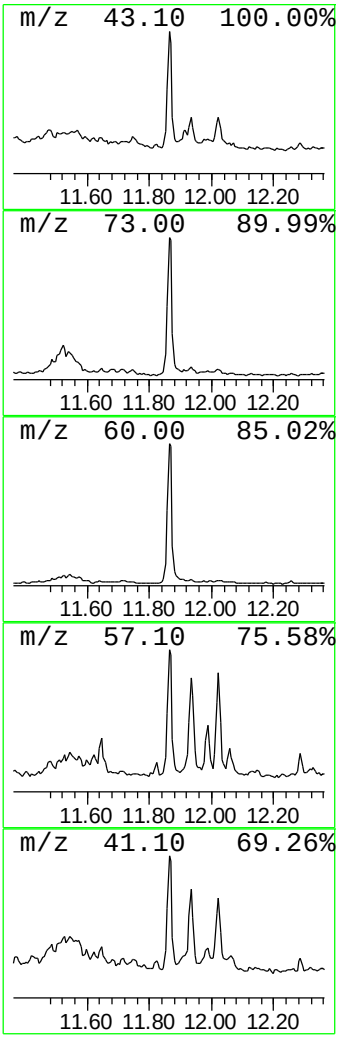
Peak Number 18 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	20.20 ng	1945730	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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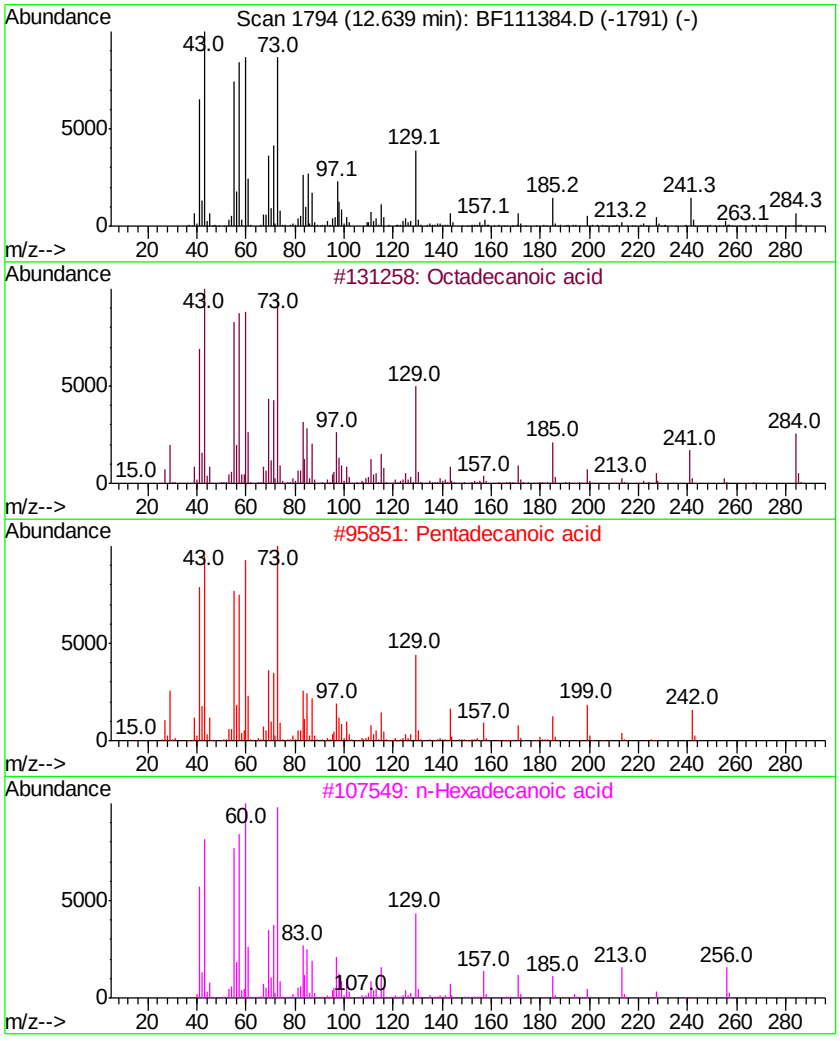
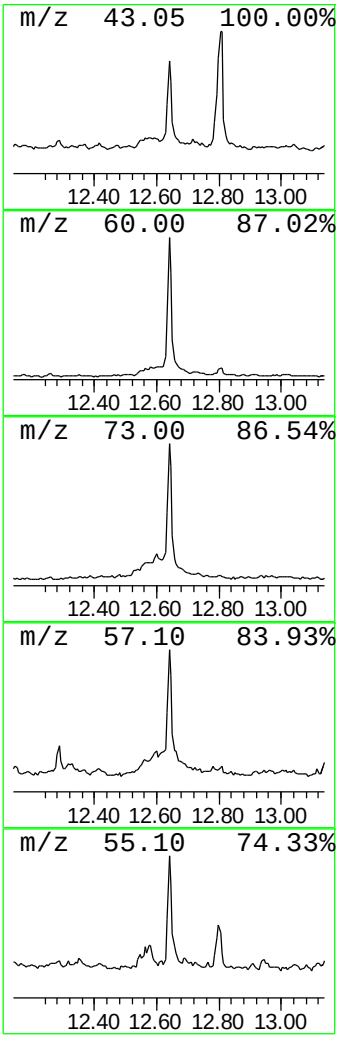
Peak Number 19 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	23.60 ng	1530910	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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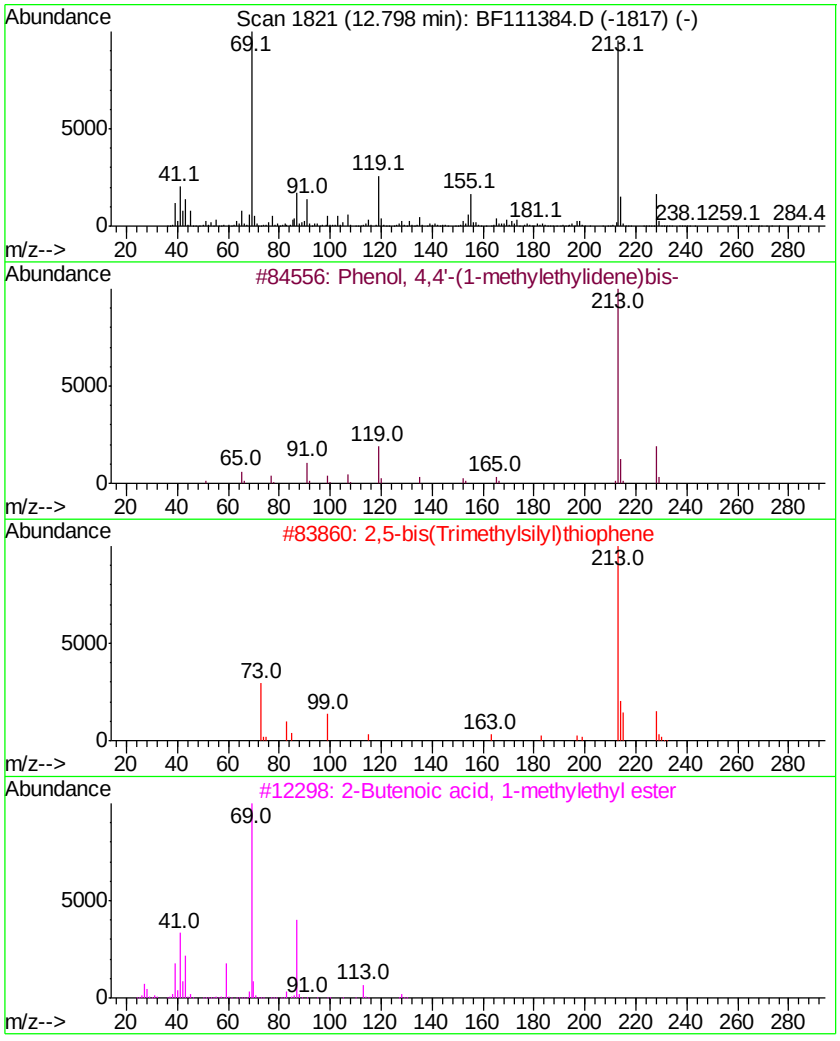
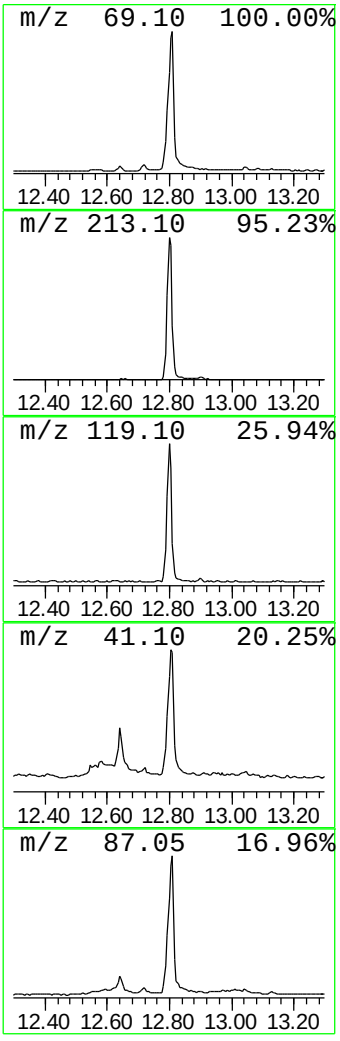
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	107.34 ng	6962580	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	38
3	2-Butenoic acid, 1-methylethyl e...	128	C7H12O2	018060-77-0	25
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	14
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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...	5.01	25.3	ng	2154270	1	6.80	1704790	20.0
Hexylene glycol	6.06	19.8	ng	1690830	1	6.80	1704790	20.0
2-Cyclopenten-1-o...	6.35	32.0	ng	2731920	1	6.80	1704790	20.0
unknown6.58	6.58	61.1	ng	5206450	1	6.80	1704790	20.0
unknown6.64	6.64	22.2	ng	1893220	1	6.80	1704790	20.0
2-Furanone, 2,5-d...	6.65	18.8	ng	1602340	1	6.80	1704790	20.0
Hexanoic acid, 2-...	7.60	22.9	ng	3204380	2	8.08	2792530	20.0
1,3-Pentanediol, ...	7.82	31.0	ng	4324780	2	8.08	2792530	20.0
Phenol, 4-(1-meth...	8.26	36.8	ng	5142700	2	8.08	2792530	20.0
2-Propanol, 1,1'-...	8.32	22.4	ng	3134650	2	8.08	2792530	20.0
Benzoic acid, 2-m...	8.55	37.4	ng	5223490	2	8.08	2792530	20.0
unknown8.63	8.63	65.1	ng	9086730	2	8.08	2792530	20.0
Cyclopropanecarbo...	8.90	40.6	ng	5666960	2	8.08	2792530	20.0
Benzenebutanoic acid	9.50	46.4	ng	6489160	3	9.83	2796470	20.0
unknown11.09	11.09	89.4	ng	8614600	4	11.32	1926490	20.0
2-Propanol, 1-chl...	11.20	21.2	ng	2039980	4	11.32	1926490	20.0
n-Hexadecanoic acid	11.86	20.2	ng	1945730	4	11.32	1926490	20.0
Octadecanoic acid	12.64	23.6	ng	1530910	5	13.95	1297270	20.0
Phenol, 4,4'-(1-m...	12.80	107.3	ng	6962580	5	13.95	1297270	20.0