LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

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-BF121418.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	3.822	289	295	299	rBV2	33488	57699	1.17%	0.119%
2	4.404	376	394	396	rBV2	47556	147527	2.99%	0.305%
3	4.510	409	412	416	rBV	54695	71088	1.44%	0.147%
4	4.734	448	450	452	rVB	241483	171021	3.47%	0.353%
5	4.993	490	494	504	rVB	181156	246474	5.00%	0.509%
6	5.198	507	529	531	rBV2	110964	384622	7.81%	0.795%
7	5.269	534	541	542	rVV2	52061	89130	1.81%	0.184%
8	5.298	543	546	551	rVB	71761	85508	1.74%	0.177%
9	5.422	563	567	576	rVB	2302563	2034078	41.28%	4.202%
10	5.569	581	592	593	rBV3	49500	112752	2.29%	0.233%
11	5.616	593	600	607	rVB2	196048	303814	6.17%	0.628%
12	5.957	651	658	666	rBV	246391	299038	6.07%	0.618%
13	6.110	675	684	685	rBV3	50690	104614	2.12%	0.216%
14	6.145	688	690	692	rVV	74237	55778	1.13%	0.115%
15	6.193	692	698	702	rVB2	43934	60838	1.23%	0.126%
16	6.363	720	727	729	rBV	64322	77757	1.58%	0.161%
17	6.440	734	740	744	rVV	1394130	1601246	32.49%	3.308%
18	6.493	744	749	751	rVB	194923	300874	6.11%	0.622%
19	6.563	757	761	767	rBV	3736371	3959525	80.35%	8.180%
20	6.610	767	769	777	rVB	231093	208698	4.24%	0.431%
21	6.787	795	799	804	rBV	1112757	939344	19.06%	1.941%
22	6.857	807	811	814	rVV	1344704	1116152	22.65%	2.306%
23	6.898	816	818	822	rVB2	129310	129632	2.63%	0.268%
24	6.945	822	826	829	rBV	3619231	3166232	64.25%	6.541%
25	7.204	862	870	875	rVV3	82959	130035	2.64%	0.269%
26	7.351	889	895	898	rBV	2499875	2444297	49.60%	5.050%
27	7.592	908	936	938	rBV	1175082	4927861	100.00%	10.181%
28	7.628	938	942	944	rVB	181770	149295	3.03%	0.308%
29	7.851	974	980	981	rBV	293865	365242	7.41%	0.755%
30	7.898	981	988	991	rVB	515257	1089209	22.10%	2.250%
31	7.981	998	1002	1009	rVB	147146	140981	2.86%	0.291%
32	8.069	1009	1017	1020	rBV	1473600	1358022	27.56%	2.806%
33	8.128	1021	1027	1028	rVV2	310515	392928	7.97%	0.812%
34	8.145	1028	1030	1037	rVB2	213352	247827	5.03%	0.512%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.281	1049	1053	1055	rBV2	101926	128794	2.61%	0.266%
36	8.387	1067	1071	1072	rBV	78249	89489	1.82%	0.185%
37	8.416	1072	1076	1080	rVB	222118	273275	5.55%	0.565%
38	8.628	1101	1112	1114	rBV	597878	907083	18.41%	1.874%
39	8.698	1120	1124	1131	rVB5	33225	61095	1.24%	0.126%
40	8.828	1141	1146	1150	rBV	108164	112760	2.29%	0.233%
41	8.869	1150	1153	1158	rVB	72884	79615	1.62%	0.164%
42	9.051	1181	1184	1188	rBV	138989	130230	2.64%	0.269%
43	9.145	1195	1200	1204	rBV	4312317	4401260	89.31%	9.093%
44	9.298	1222	1226	1231	rBV2	65600	75500	1.53%	0.156%
45	9.539	1264	1267	1269	rBV	84396	70702	1.43%	0.146%
46	9.822	1311	1315	1319	rBV	1244749	1100550	22.33%	2.274%
47	10.616	1445	1450	1453	rBV	3615842	3348402	67.95%	6.918%
48	11.304	1564	1567	1571	rBV	1564359	1480543	30.04%	3.059%
49	11.839	1655	1658	1662	rBV	460539	424910	8.62%	0.878%
50	12.627	1788	1792	1802	rVB	213415	254764	5.17%	0.526%
51	12.898	1833	1838	1841	rBV	4804191	4807576	97.56%	9.932%
52	13.792	1987	1990	1998	rVB2	258337	296081	6.01%	0.612%
53	13.945	2012	2016	2023	rBV	1056831	1052664	21.36%	2.175%
54	14.116	2042	2045	2051	rVB	116480	97378	1.98%	0.201%
55	14.421	2094	2097	2100	rVB	171444	150971	3.06%	0.312%
56	14.721	2144	2148	2150	rBV	192439	184548	3.74%	0.381%
57	14.751	2150	2153	2158	rVB	138269	135347	2.75%	0.280%
58	15.045	2200	2203	2207	rBV	198646	209858	4.26%	0.434%
59	15.380	2255	2260	2264	rBV	834816	1042521	21.16%	2.154%
60	15.415	2264	2266	2273	rVB	203498	223329	4.53%	0.461%
61	15.839	2334	2338	2342	rVB	125025	178696	3.63%	0.369%
62	16.321	2417	2420	2428	rVB2	77068	116216	2.36%	0.240%

Sum of corrected areas: 48403295

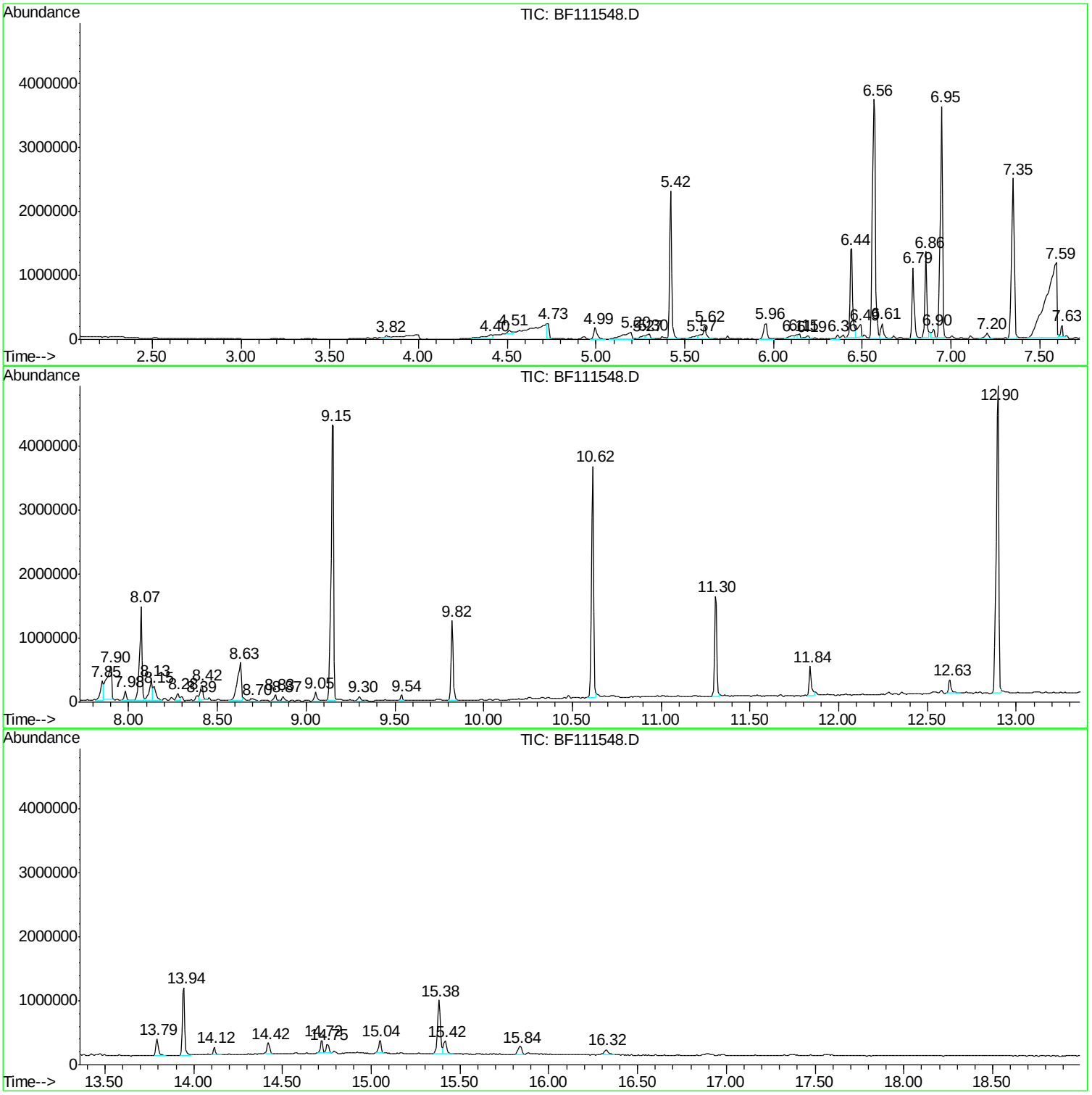
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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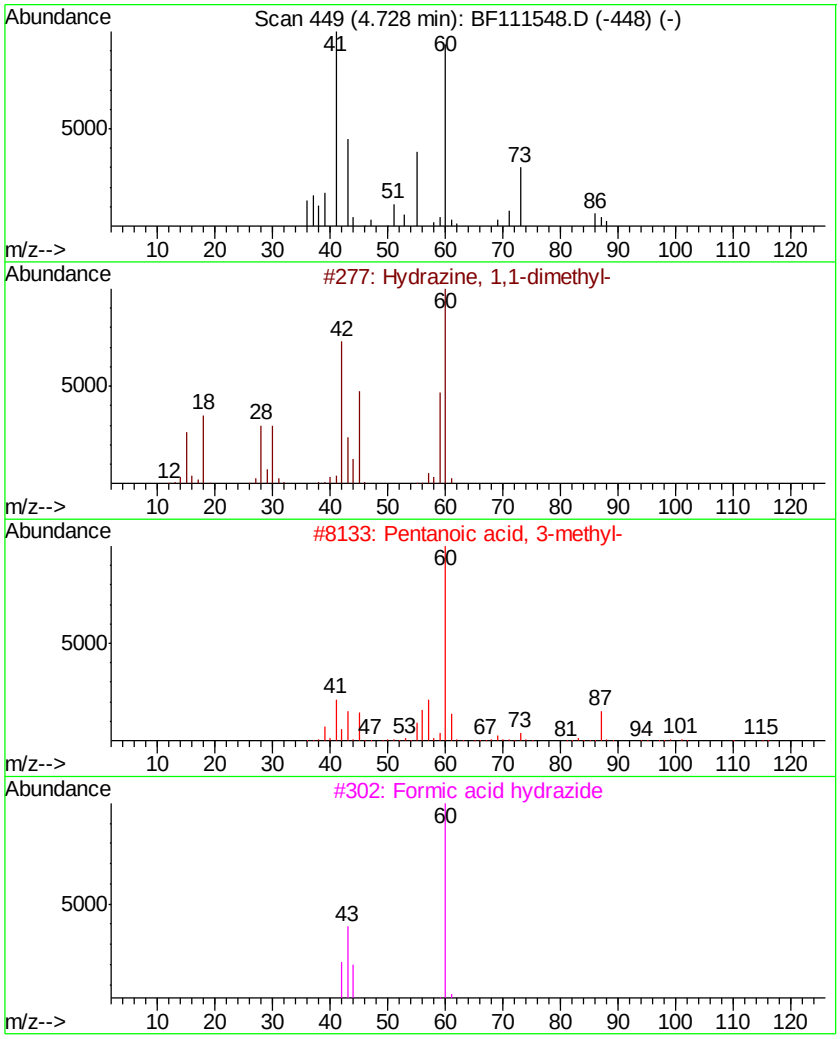
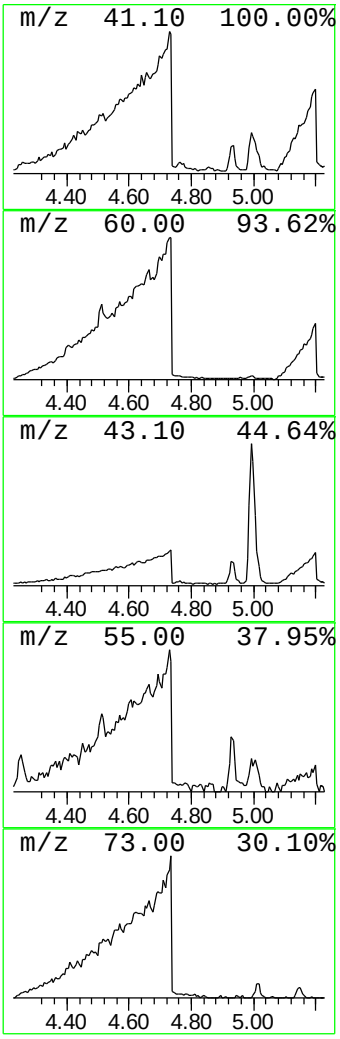
Peak Number 1 unknown4.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.64 ng	171021	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	37
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	9
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	5
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	5
5	1-Butanamine	73	C4H11N	000109-73-9	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

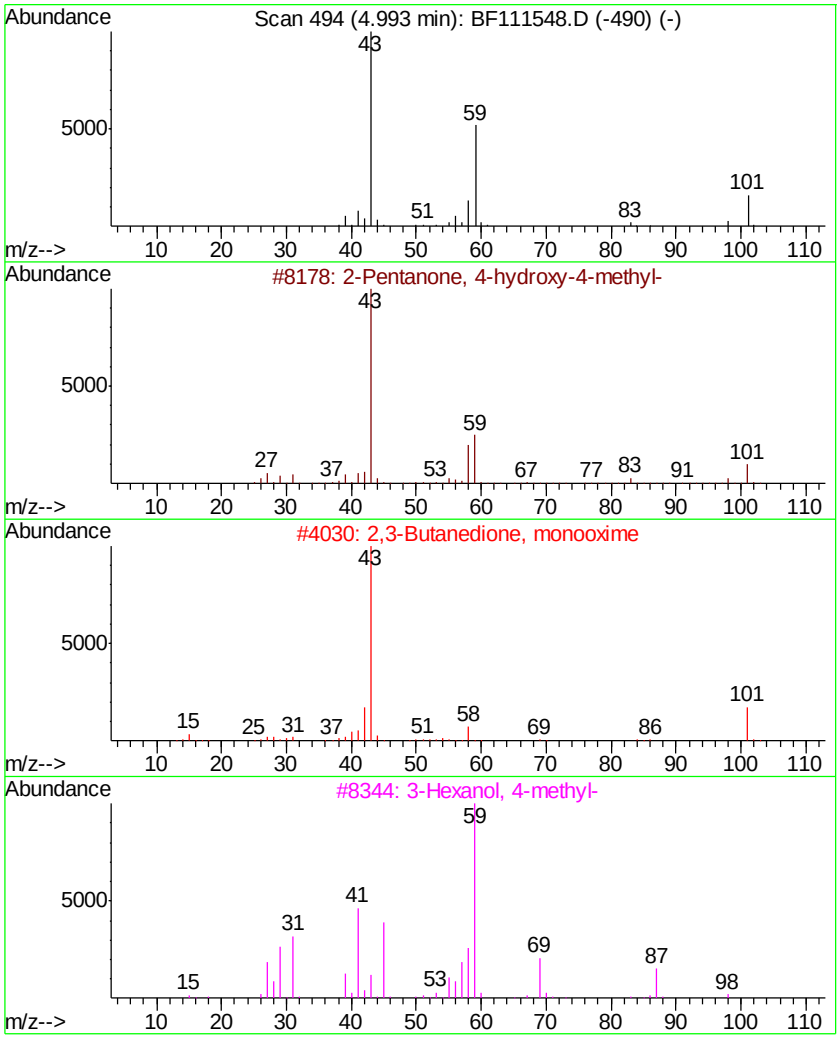
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

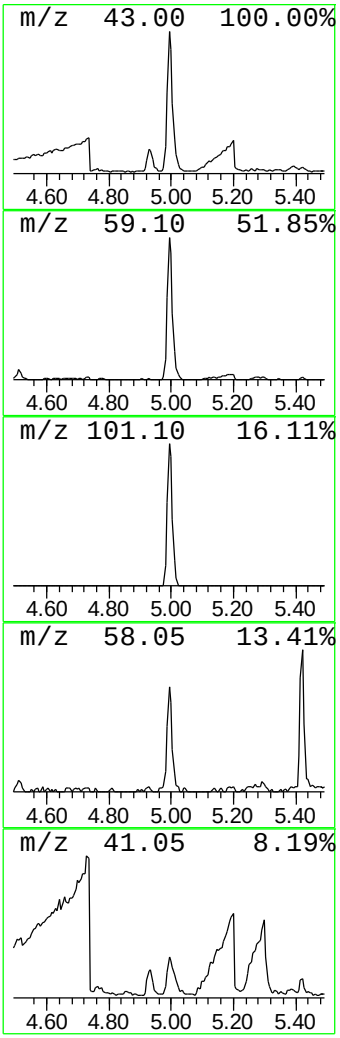
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	5.25 ng	246474	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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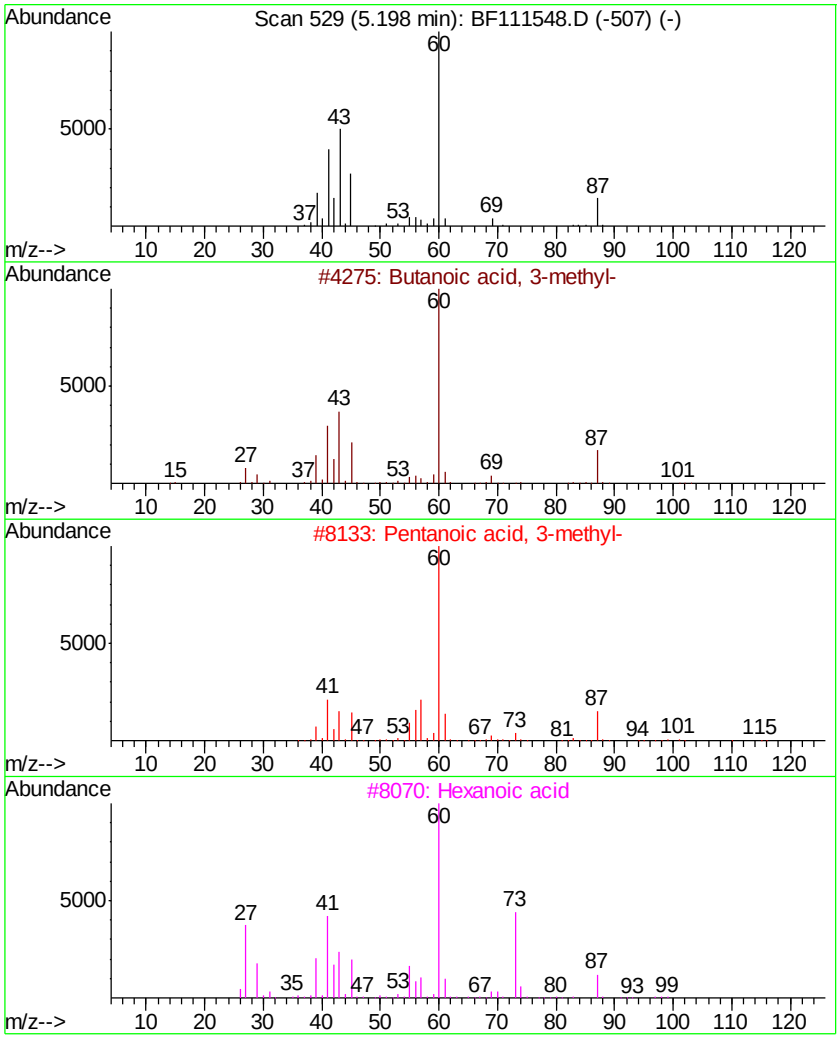
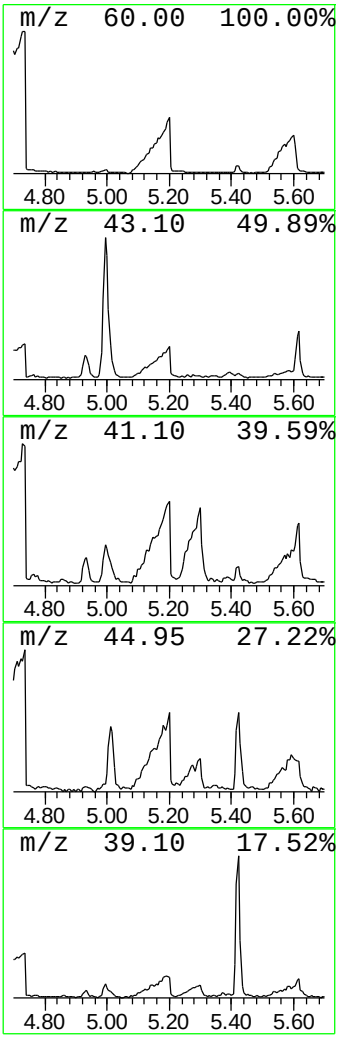
Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	8.19 ng	384622	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	56
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Pentanoic acid	102	C5H10O2	000109-52-4	39
5	Formic acid hydrazide	60	CH4N2O	000624-84-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

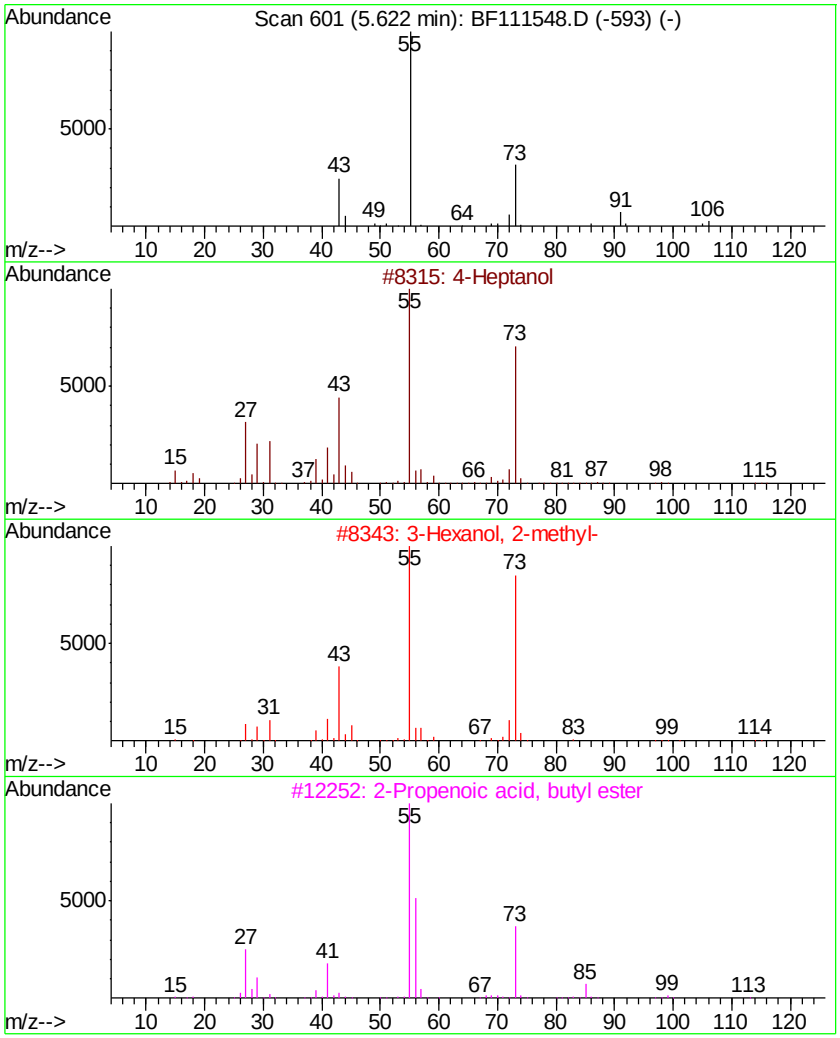
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

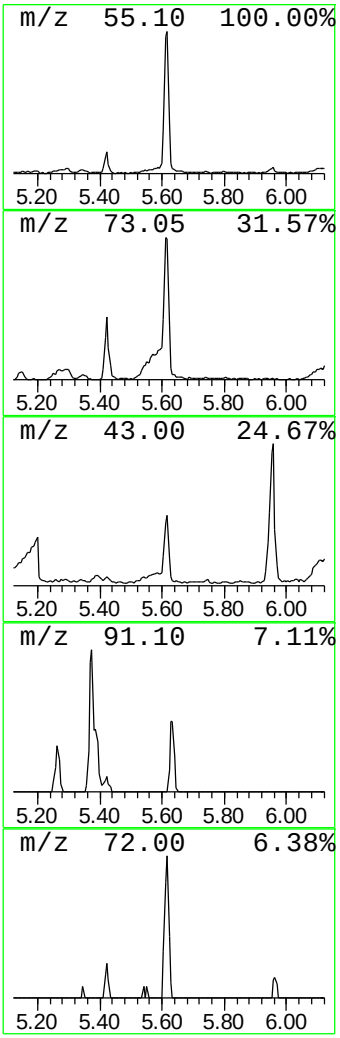
****

Peak Number 4 unknown5.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	6.47 ng	303814	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol	116	C7H16O	000589-55-9	36
2	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	28
3	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	9
4	1-Hepten-4-ol	114	C7H14O	003521-91-3	9
5	3-Butyn-2-ol	70	C4H6O	002028-63-9	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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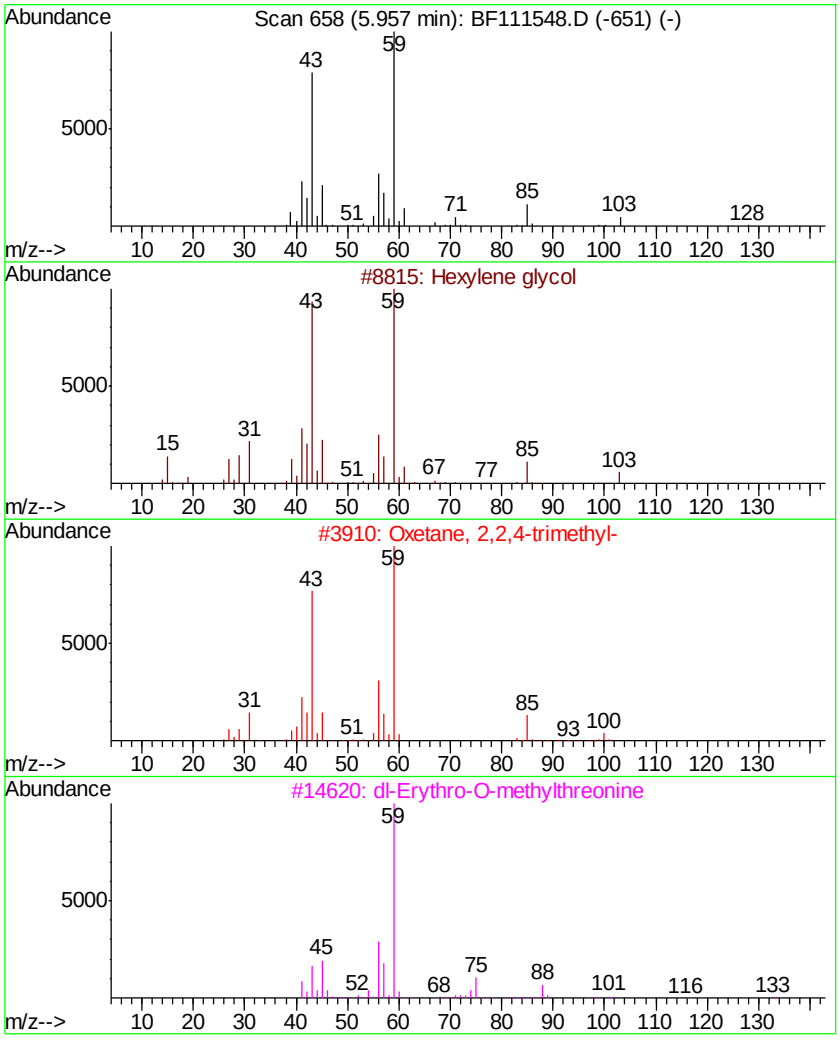
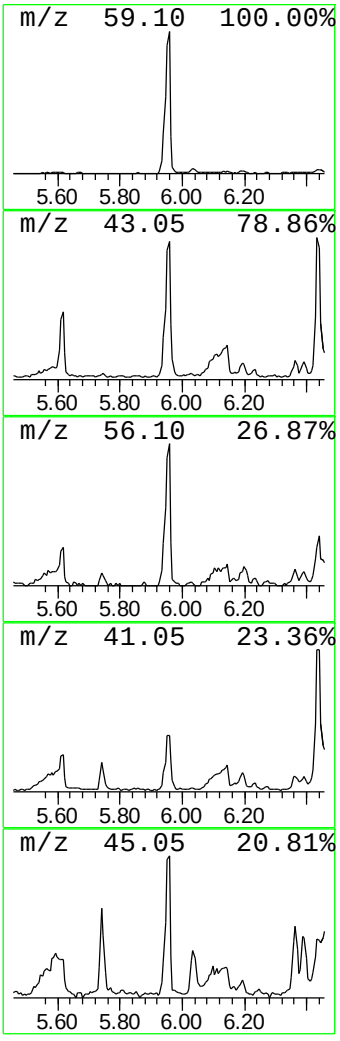
Peak Number 5 Hexylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	6.37 ng	299038	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	78
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	53
4	Acetic acid, ethoxy-, 1-methylet...	146	C7H14O3	054063-13-7	45
5	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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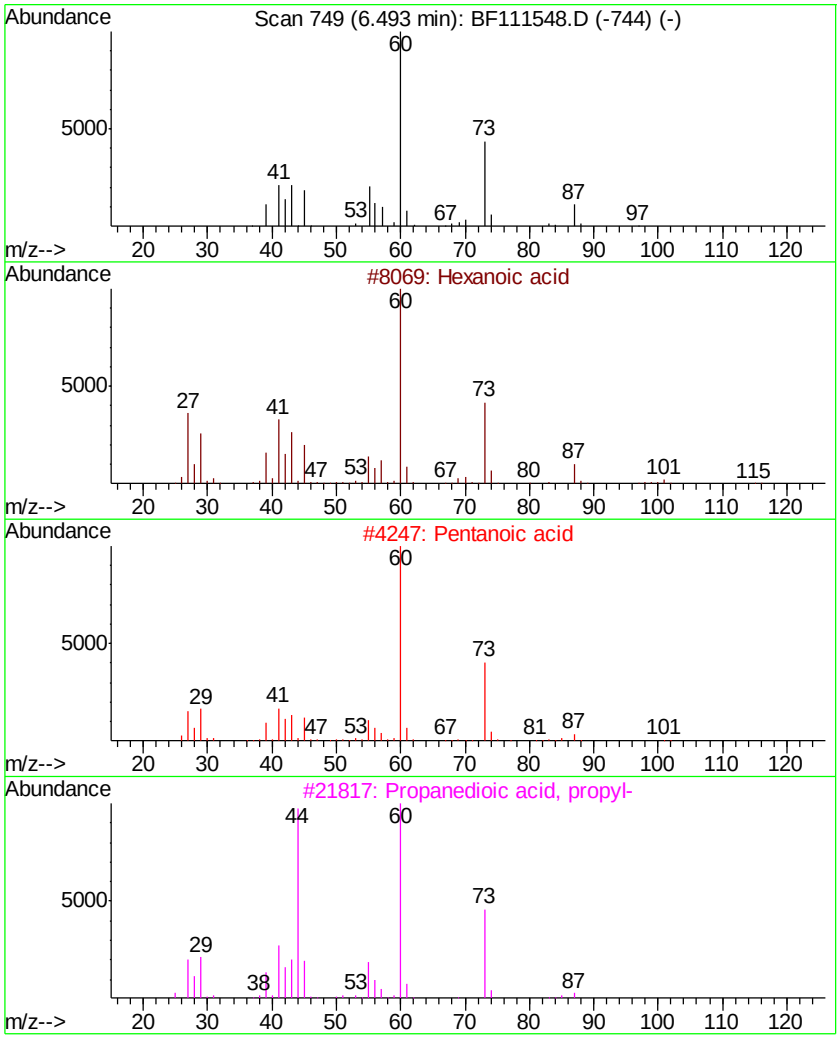
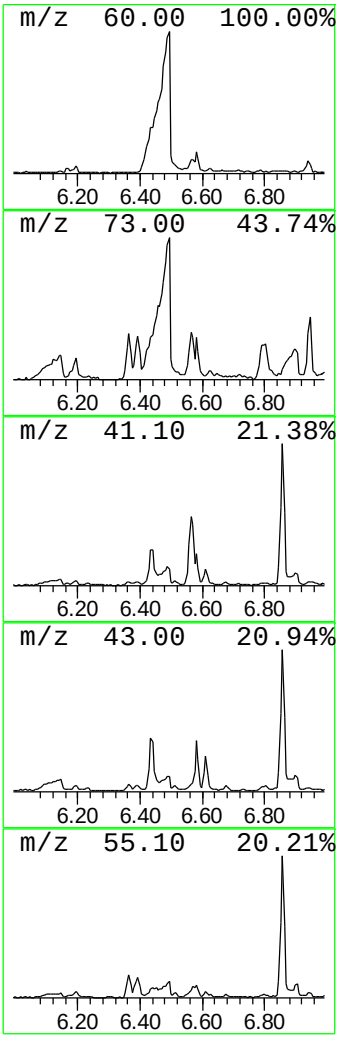
Peak Number 6 Hexanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	6.41 ng	300874	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

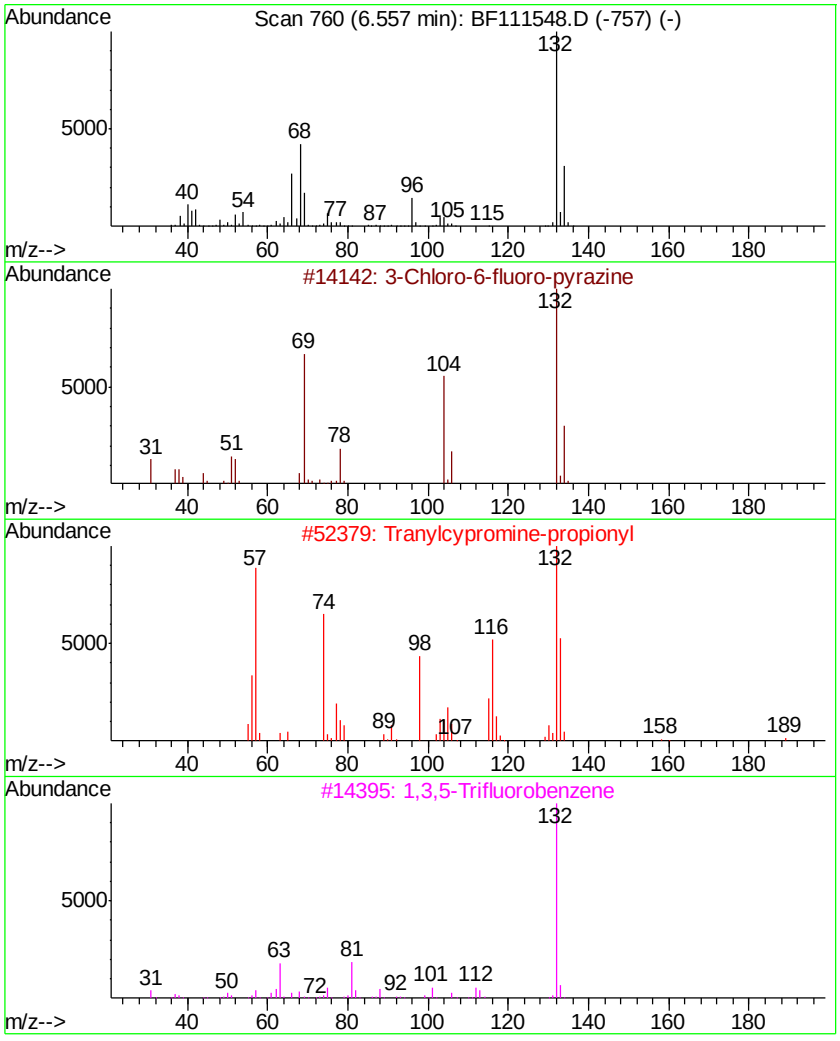
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

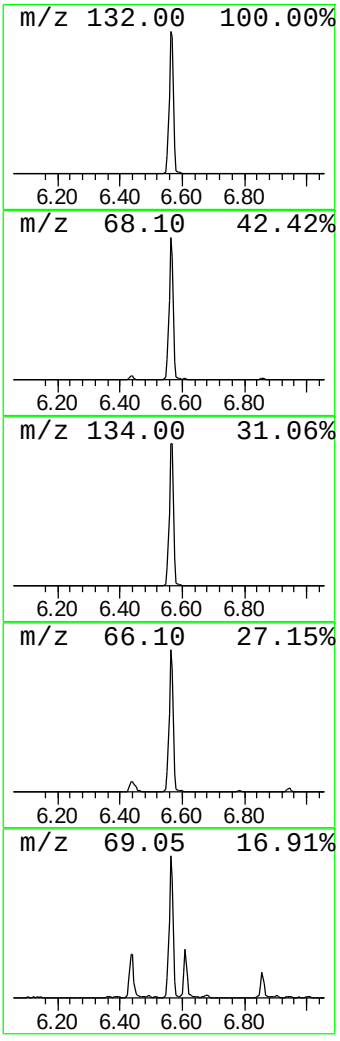
****

Peak Number 7 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	84.30 ng	3959530	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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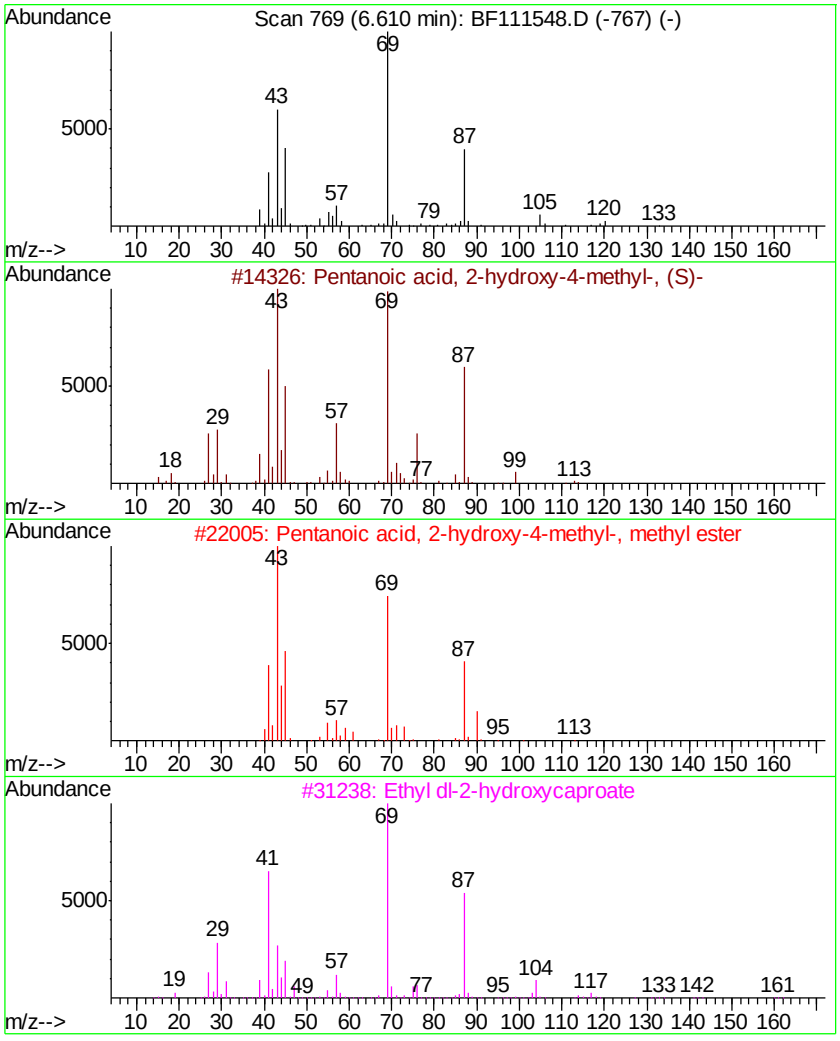
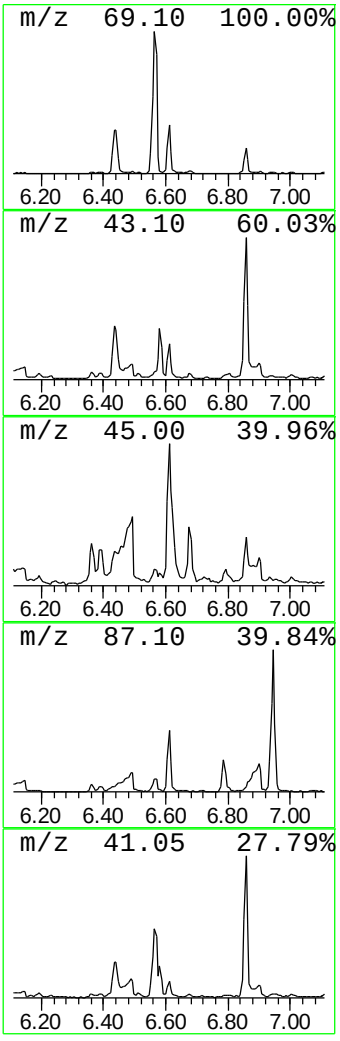
Peak Number 8 Pentanoic acid, 2-hydroxy-4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	4.44 ng	208698	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-hydroxy-4-meth...	132	C6H12O3	013748-90-8	72
2	Pentanoic acid, 2-hydroxy-4-meth...	146	C7H14O3	040348-72-9	64
3	Ethyl dl-2-hydroxycaproate	160	C8H16O3	006946-90-3	59
4	4-Octanol	130	C8H18O	000589-62-8	59
5	.alpha.-Hydroxyisocaproic acid	132	C6H12O3	000498-36-2	56





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Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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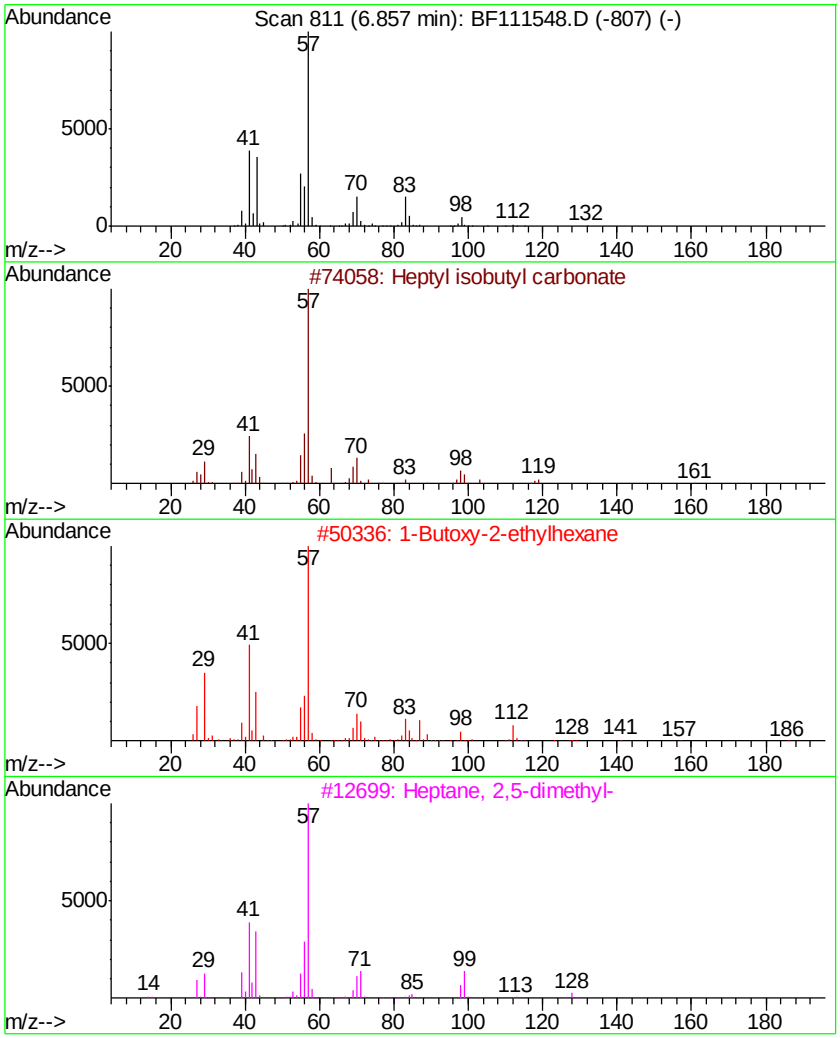
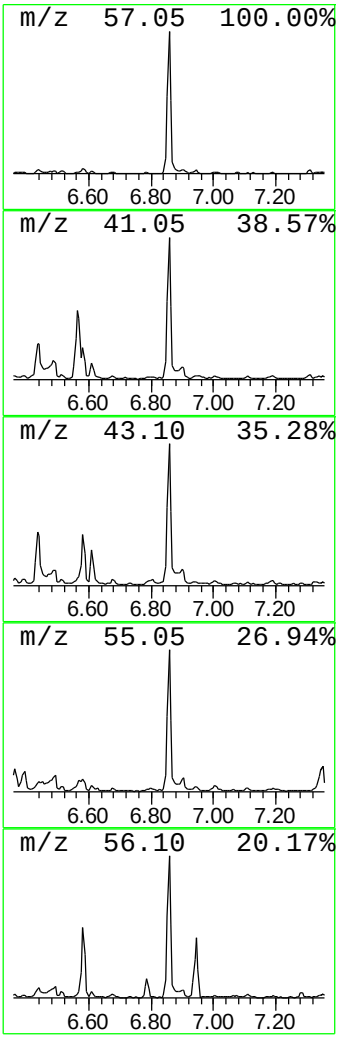
Peak Number 9 Heptyl isobutyl carbonate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	23.76 ng	1116150	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
2	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	53





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Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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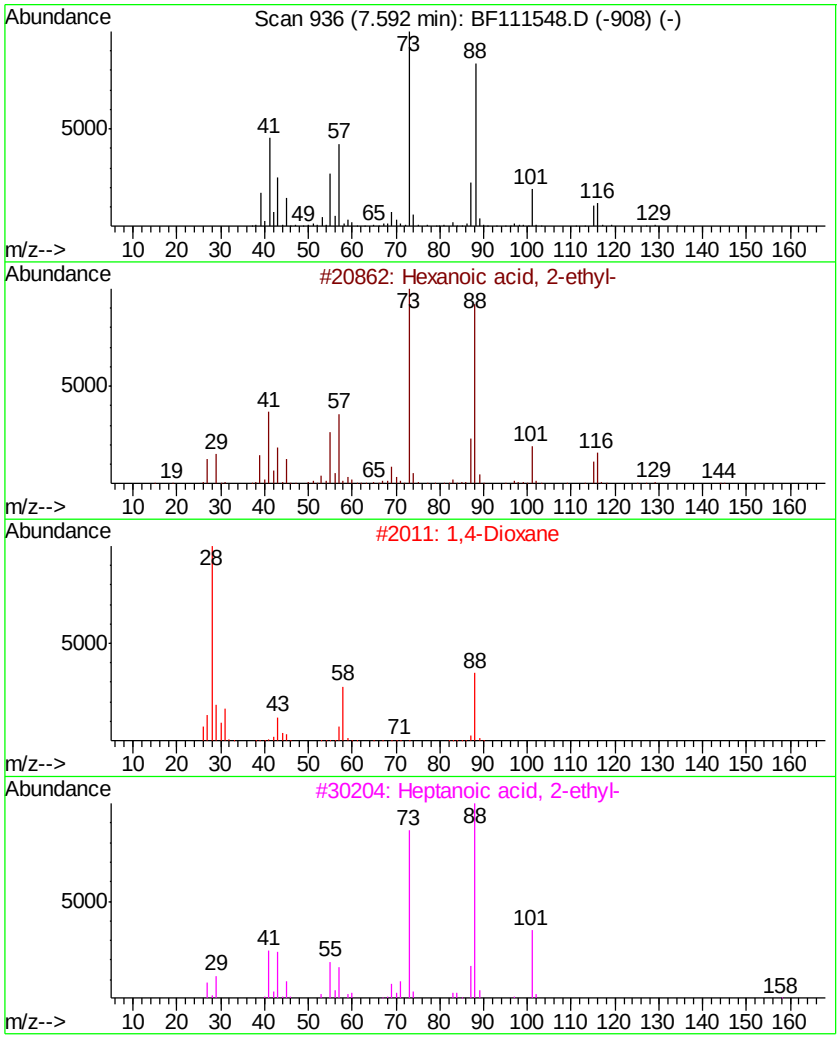
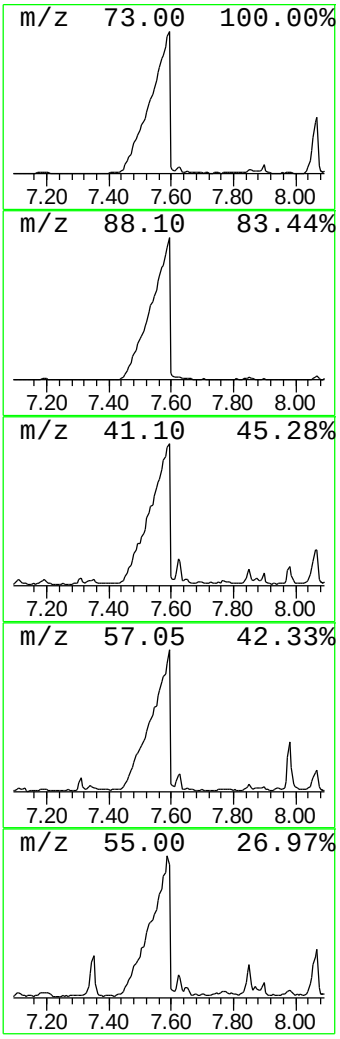
Peak Number 11 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	72.57 ng	4927860	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	1,4-Dioxane	88	C4H8O2	000123-91-1	47
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	33
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33





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Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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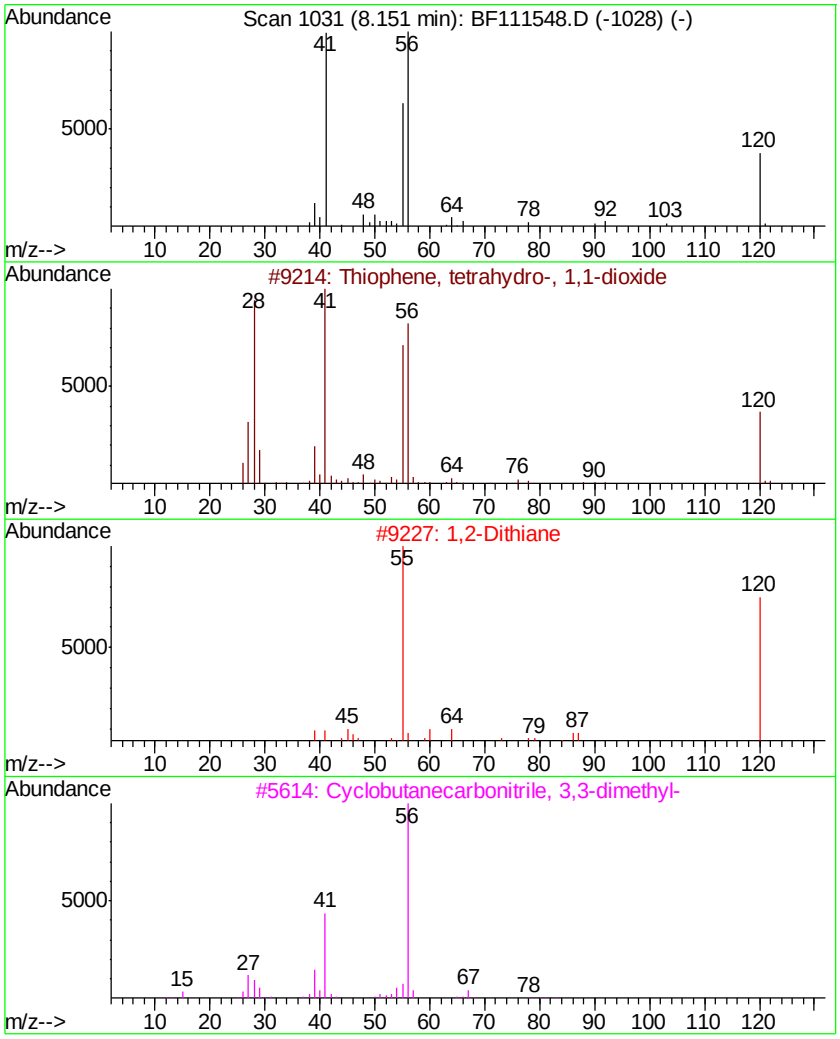
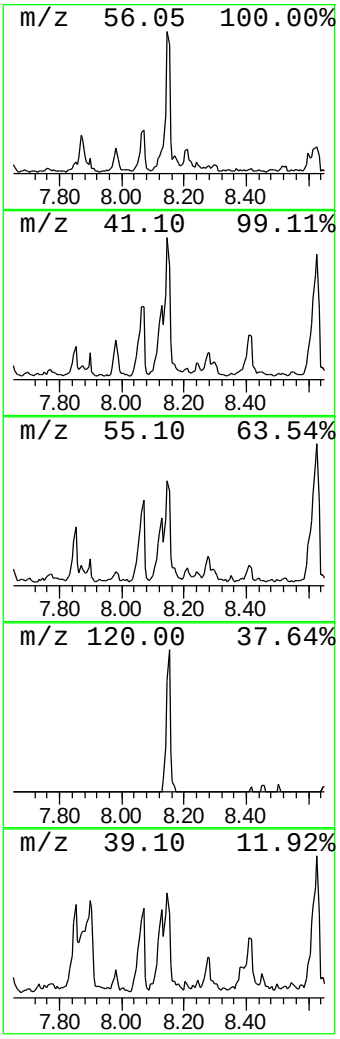
Peak Number 14 Thiophene, tetrahydro-, 1,1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	3.65 ng	247827	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	50
2	1,2-Dithiane	120	C4H8S2	000505-20-4	9
3	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	9
4	1-Hexene	84	C6H12	000592-41-6	9
5	Neopentyl glycol	104	C5H12O2	000126-30-7	9





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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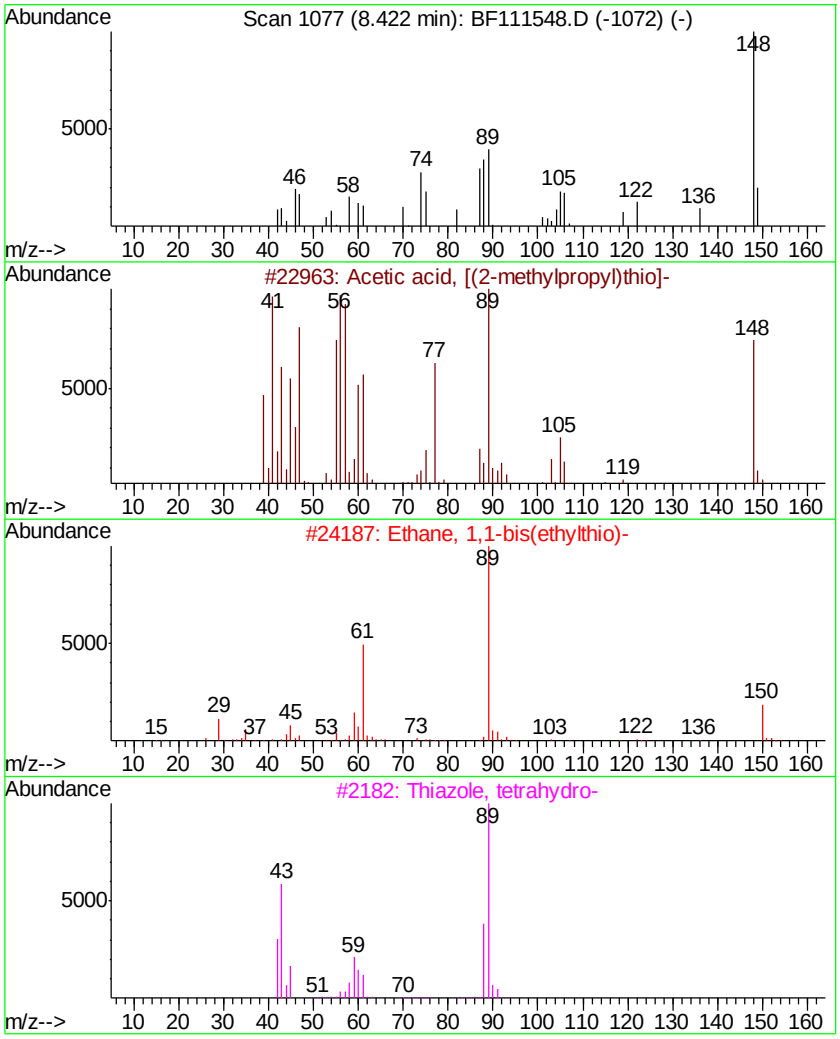
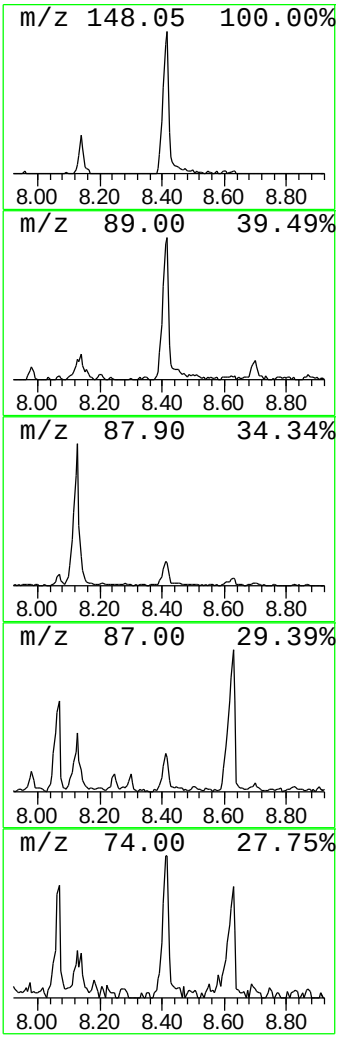
Peak Number 15 Acetic acid, [(2-methylprop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.02 ng	273275	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, [(2-methylpropyl)th...	148	C6H12O2S	020600-62-8	64
2	Ethane, 1,1-bis(ethylthio)-	150	C6H14S2	014252-42-7	47
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	46
4	Acetic acid, (butylthio)-	148	C6H12O2S	020600-61-7	45
5	2-Propenoic acid, 3-chloro-, (Z)-	106	C3H3ClO2	001609-93-4	33





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Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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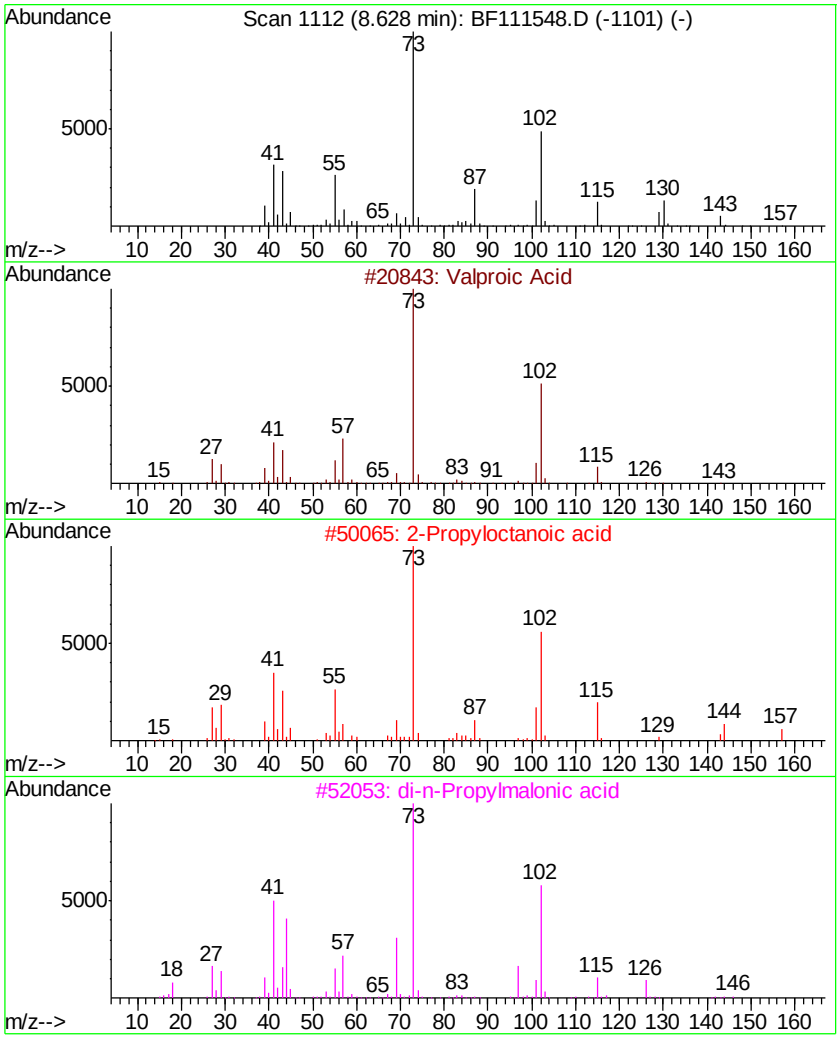
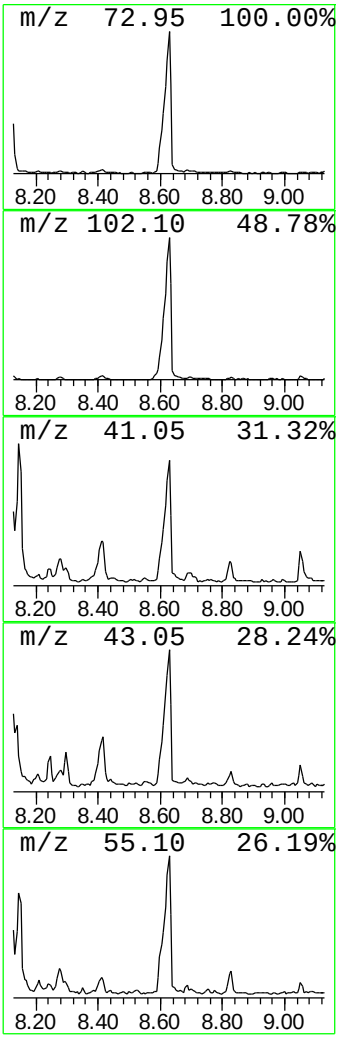
Peak Number 16 Valproic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	13.36 ng	907083	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic Acid	144	C8H16O2	000099-66-1	53
2	2-Propyloctanoic acid	186	C11H22O2	031080-41-8	50
3	di-n-Propylmalonic acid	188	C9H16O4	001636-27-7	42
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	10





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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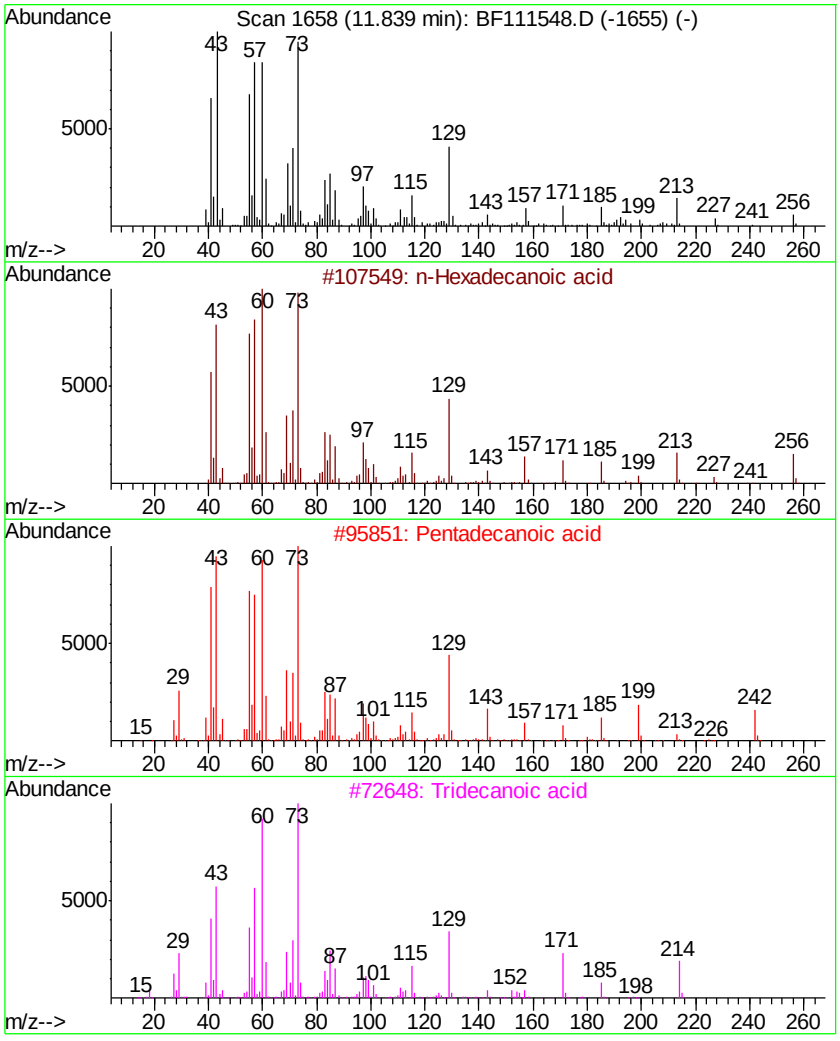
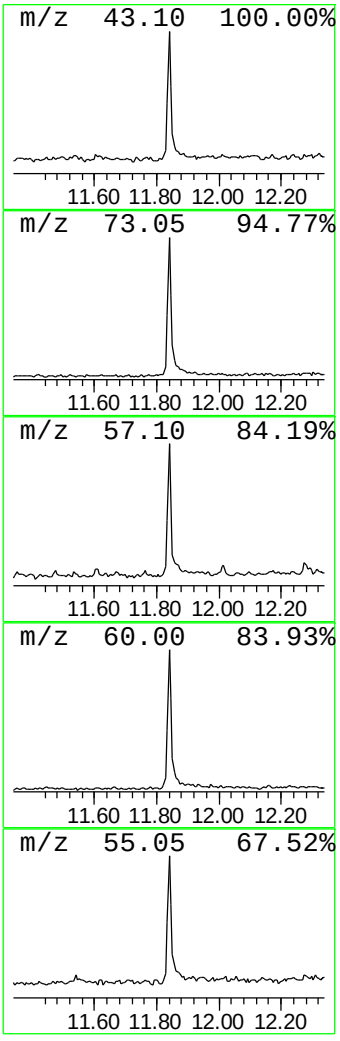
Peak Number 17 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.74 ng	424910	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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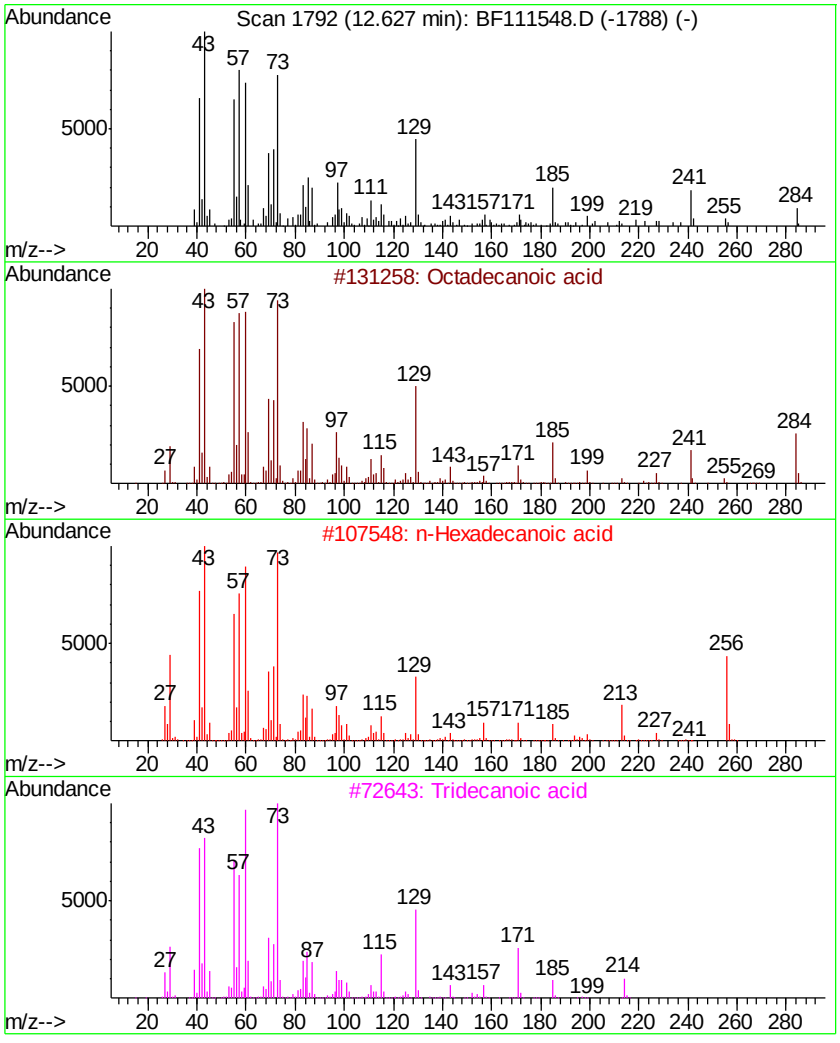
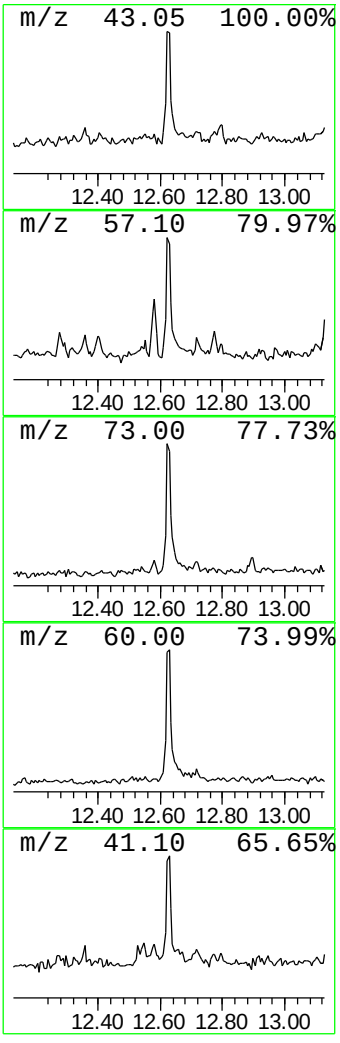
Peak Number 18 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.84 ng	254764	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Undecane	156	C11H24	001120-21-4	55





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Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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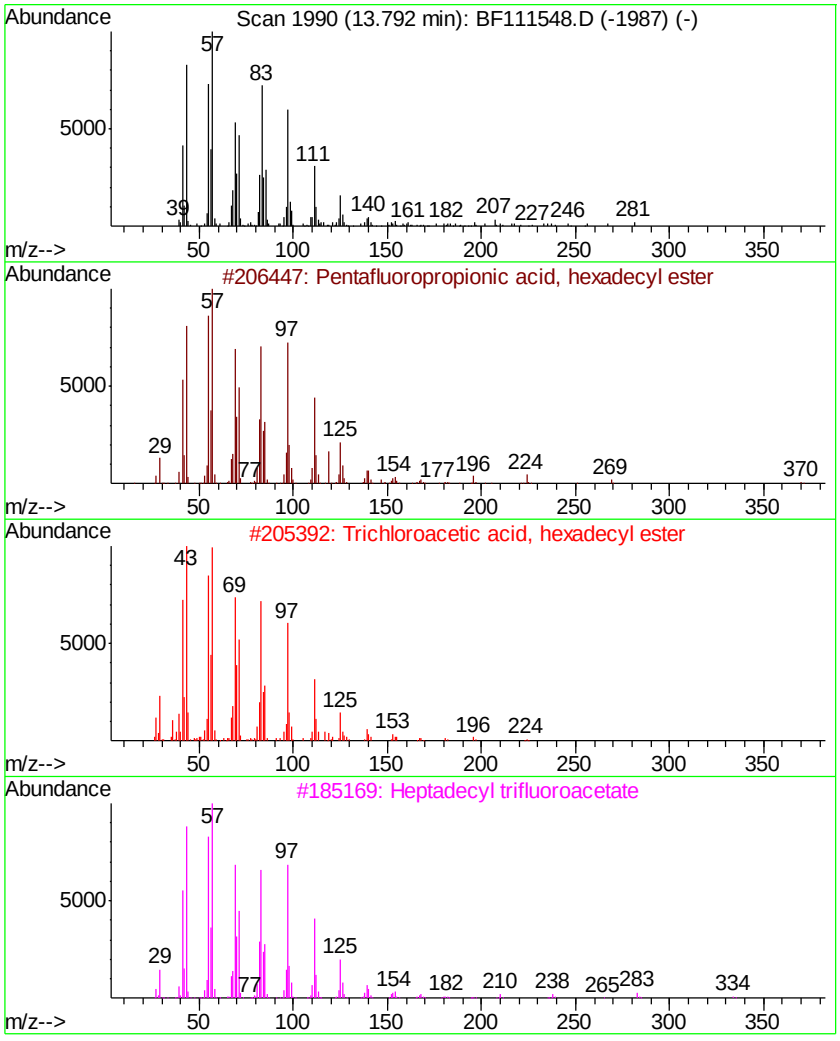
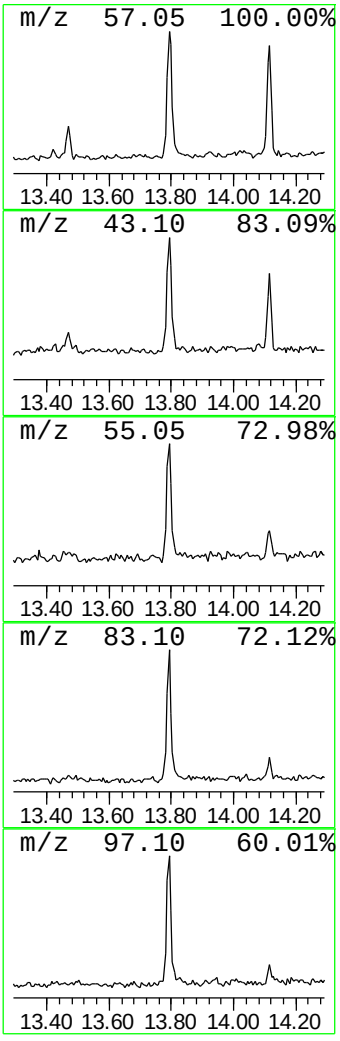
Peak Number 19 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.63 ng	296081	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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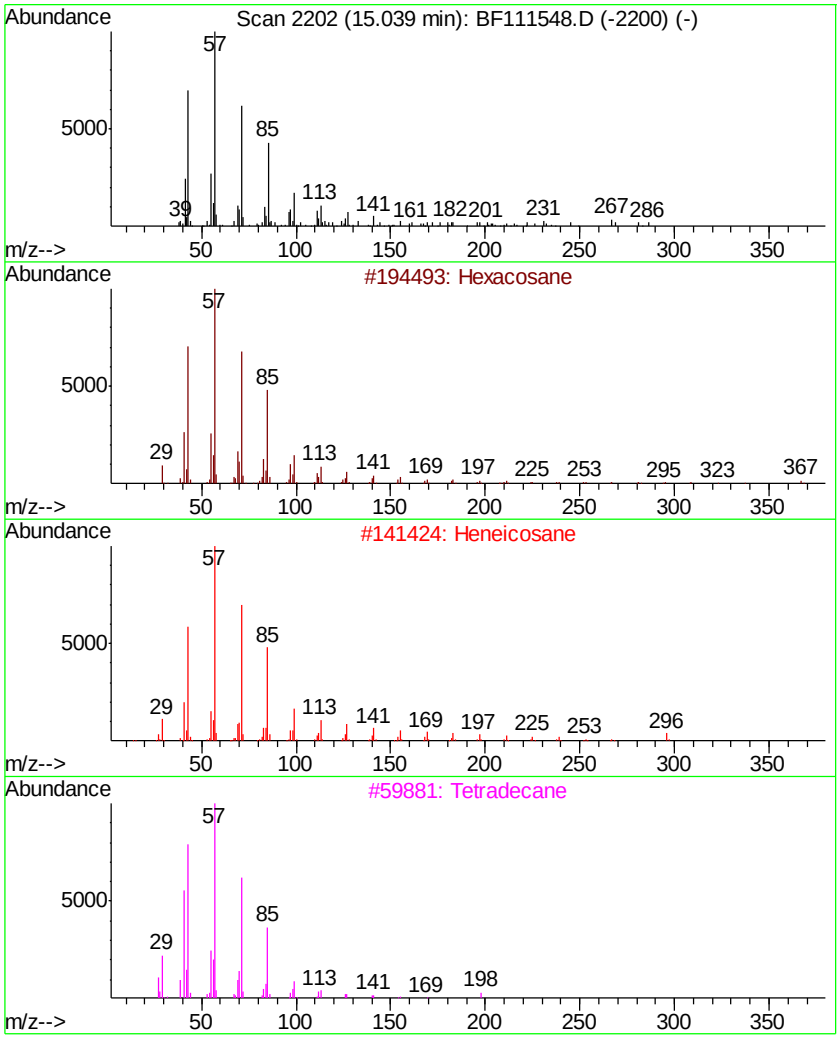
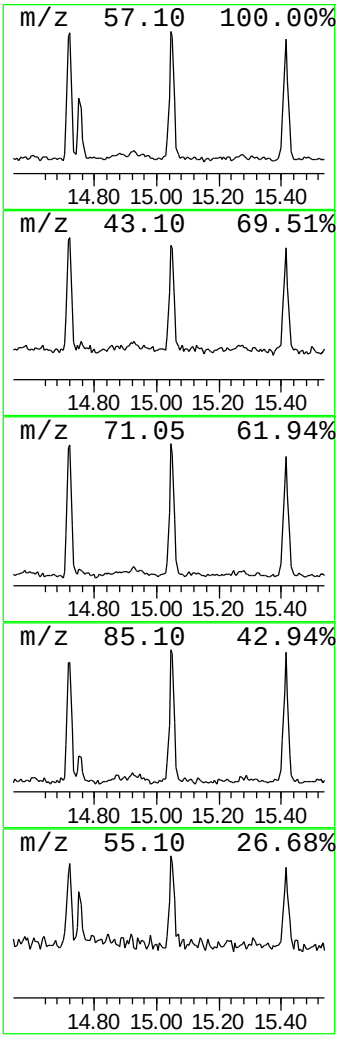
Peak Number 20 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	4.03 ng	209858	Perylene-d12	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

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Acq On : 17 Dec 2018 19:31
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
unknown4.73	4.73	3.6	ng	171021	1	6.79	939344	20.0
2-Pentanone, 4-hy...	4.99	5.3	ng	246474	1	6.79	939344	20.0
Butanoic acid, 3-...	5.20	8.2	ng	384622	1	6.79	939344	20.0
unknown5.62	5.62	6.5	ng	303814	1	6.79	939344	20.0
Hexylene glycol	5.96	6.4	ng	299038	1	6.79	939344	20.0
Hexanoic acid	6.49	6.4	ng	300874	1	6.79	939344	20.0
unknown6.56	6.56	84.3	ng	3959530	1	6.79	939344	20.0
Pentanoic acid, 2...	6.61	4.4	ng	208698	1	6.79	939344	20.0
Heptyl isobutyl c...	6.86	23.8	ng	1116150	1	6.79	939344	20.0
Hexanoic acid, 2-...	7.59	72.6	ng	4927860	2	8.07	1358020	20.0
Thiophene, tetrah...	8.15	3.6	ng	247827	2	8.07	1358020	20.0
Acetic acid, [(2-...	8.42	4.0	ng	273275	2	8.07	1358020	20.0
Valproic Acid	8.63	13.4	ng	907083	2	8.07	1358020	20.0
n-Hexadecanoic acid	11.84	5.7	ng	424910	4	11.30	1480540	20.0
Octadecanoic acid	12.63	4.8	ng	254764	5	13.95	1052660	20.0
Pentafluoropropio...	13.79	5.6	ng	296081	5	13.95	1052660	20.0
Hexacosane	15.04	4.0	ng	209858	6	15.38	1042520	20.0