LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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	4.578	215	218	221	rBV	893721	1059579	1.24%	0.293%
2	4.807	235	238	242	rBV	1353759	1624257	1.89%	0.449%
3	4.967	248	252	255	rBV	2156885	2573503	3.00%	0.712%
4	5.253	276	277	280	rVB	1618008	1754120	2.05%	0.485%
5	6.316	367	370	374	rVV	691471	1359886	1.59%	0.376%
6	6.430	378	380	382	rVV2	3588622	3886509	4.53%	1.075%
7	6.533	382	389	392	rVB	863502	3143904	3.67%	0.869%
8	6.659	398	400	402	rBV	1331892	1116867	1.30%	0.309%
9	6.784	405	411	412	rBV	9480347	24662767	28.77%	6.820%
10	6.819	412	414	416	rVV	4373902	4283725	5.00%	1.185%
11	7.070	433	436	441	rBV	2223264	2937623	3.43%	0.812%
12	7.242	447	451	452	rBV	2590355	4490306	5.24%	1.242%
13	7.276	452	454	461	rVV2	456887	1303018	1.52%	0.360%
14	7.824	461	502	504	rVV	7113244	85717967	100.00%	23.705%
15	7.950	507	513	514	rBV	3516111	6242100	7.28%	1.726%
16	8.042	514	521	524	rVB2	4637867	19251562	22.46%	5.324%
17	8.396	549	552	559	rBV2	569687	922191	1.08%	0.255%
18	9.002	593	605	606	rBV	3339425	13189729	15.39%	3.648%
19	9.036	606	608	610	rVB	5123844	5713678	6.67%	1.580%
20	9.093	610	613	614	rBV	1227545	1585067	1.85%	0.438%
21	9.699	663	666	668	rBV2	1790910	2256555	2.63%	0.624%
22	10.019	684	694	696	rBV	4902385	15513484	18.10%	4.290%
23	10.488	732	735	737	rVB	2536451	2488227	2.90%	0.688%
24	10.728	754	756	757	rBV	2528669	2732431	3.19%	0.756%
25	10.762	757	759	760	rVV	4694659	5983964	6.98%	1.655%
26	10.785	760	761	765	rVB	3404932	3591251	4.19%	0.993%
27	10.888	767	770	772	rVV	1405306	1537965	1.79%	0.425%
28	10.990	775	779	781	rBV2	2196049	3861619	4.51%	1.068%
29	11.162	791	794	799	rVB2	7273663	8408175	9.81%	2.325%
30	11.425	813	817	821	rBV2	2255091	2739318	3.20%	0.758%
31	11.653	834	837	841	rVV4	287453	958521	1.12%	0.265%
32	11.745	841	845	849	rVV4	2036091	5992392	6.99%	1.657%
33	11.802	849	850	854	rVV2	1237969	2781513	3.24%	0.769%
34	11.859	854	855	857	rVV	764045	1249691	1.46%	0.346%

LSC Area Percent Report

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Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.916	859	860	864	rVV	1462168	2852285	3.33%	0.789%
36	11.973	864	865	866	rVV	973792	1042646	1.22%	0.288%
37	12.019	866	869	873	rVV2	7121055	15430701	18.00%	4.267%
38	12.076	873	874	878	rVV	1570246	2611332	3.05%	0.722%
39	12.133	878	879	881	rVV	1166640	1243739	1.45%	0.344%
40	12.202	881	885	887	rVV3	568276	1391444	1.62%	0.385%
41	12.248	887	889	891	rVV	1602154	2609620	3.04%	0.722%
42	12.293	891	893	894	rVV	827652	1306269	1.52%	0.361%
43	12.328	894	896	897	rVV	666440	863701	1.01%	0.239%
44	12.408	900	903	905	rVV3	550957	1561102	1.82%	0.432%
45	12.499	908	911	916	rVV	2178307	4658058	5.43%	1.288%
46	12.671	924	926	928	rBV2	751729	1446959	1.69%	0.400%
47	12.716	928	930	933	rBV2	2158771	4055950	4.73%	1.122%
48	12.762	933	934	936	rVV	2936937	3949774	4.61%	1.092%
49	12.796	936	937	941	rVB2	1183598	1835206	2.14%	0.508%
50	12.911	946	947	950	rVV	1024011	2471237	2.88%	0.683%
51	12.968	950	952	954	rVV2	1109944	2583841	3.01%	0.715%
52	13.014	954	956	960	rVV2	1135311	3314009	3.87%	0.916%
53	13.082	960	962	964	rVV	2343049	3909613	4.56%	1.081%
54	13.128	964	966	968	rVV	1245446	2519305	2.94%	0.697%
55	13.174	968	970	973	rVV2	2333227	5221211	6.09%	1.444%
56	13.231	973	975	980	rVV	3633036	10048002	11.72%	2.779%
57	13.356	984	986	988	rVV	5484022	5939879	6.93%	1.643%
58	13.391	988	989	992	rVV	595726	1009113	1.18%	0.279%
59	13.436	992	993	996	rVV	1793419	2825278	3.30%	0.781%
60	13.528	996	1001	1005	rVV	1875106	4510125	5.26%	1.247%
61	13.585	1005	1006	1010	rVV	569825	861629	1.01%	0.238%
62	13.688	1012	1015	1018	rVB	9597568	11142836	13.00%	3.082%
63	13.779	1022	1023	1027	rBV2	1110334	2143826	2.50%	0.593%
64	14.682	1100	1102	1107	rVB	894854	1133431	1.32%	0.313%
65	14.911	1120	1122	1131	rVB	560587	860067	1.00%	0.238%
66	15.174	1141	1145	1147	rVV	725851	1059648	1.24%	0.293%
67	17.585	1348	1356	1370	rVV	1277417	6273834	7.32%	1.735%

Sum of corrected areas: 361599134

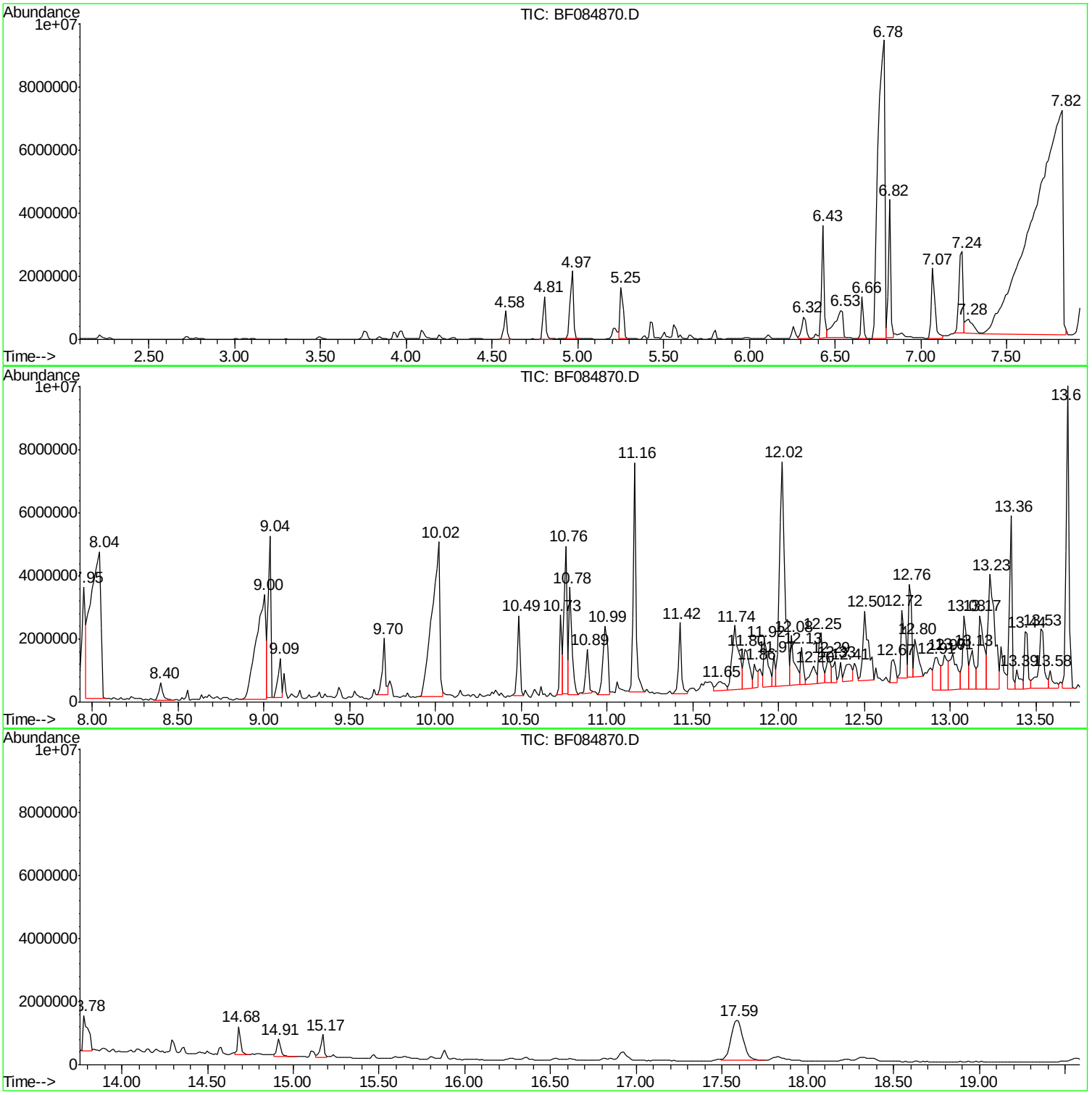
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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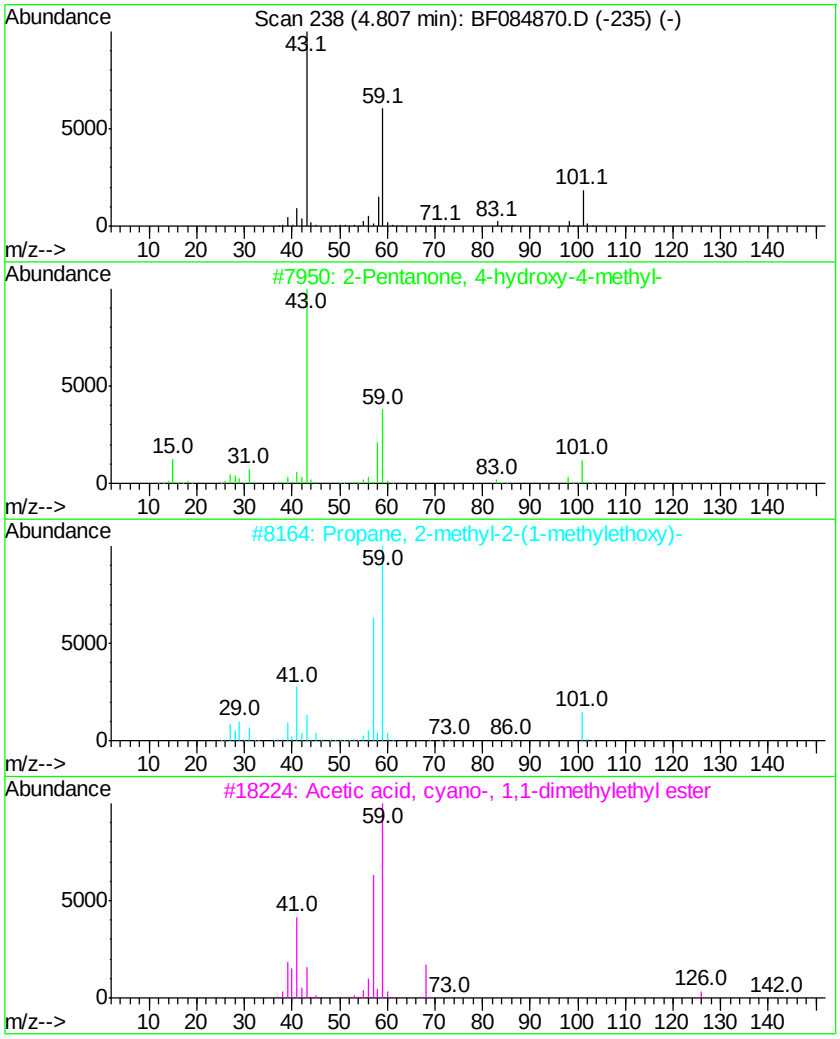
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

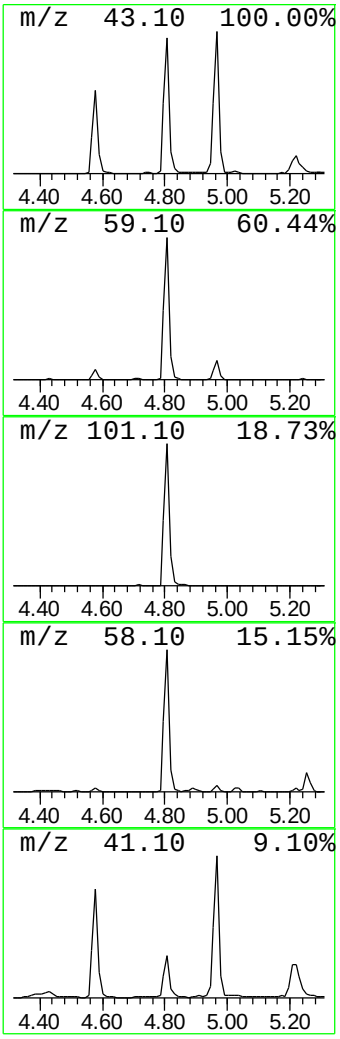
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	29.09 ng	1624260	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

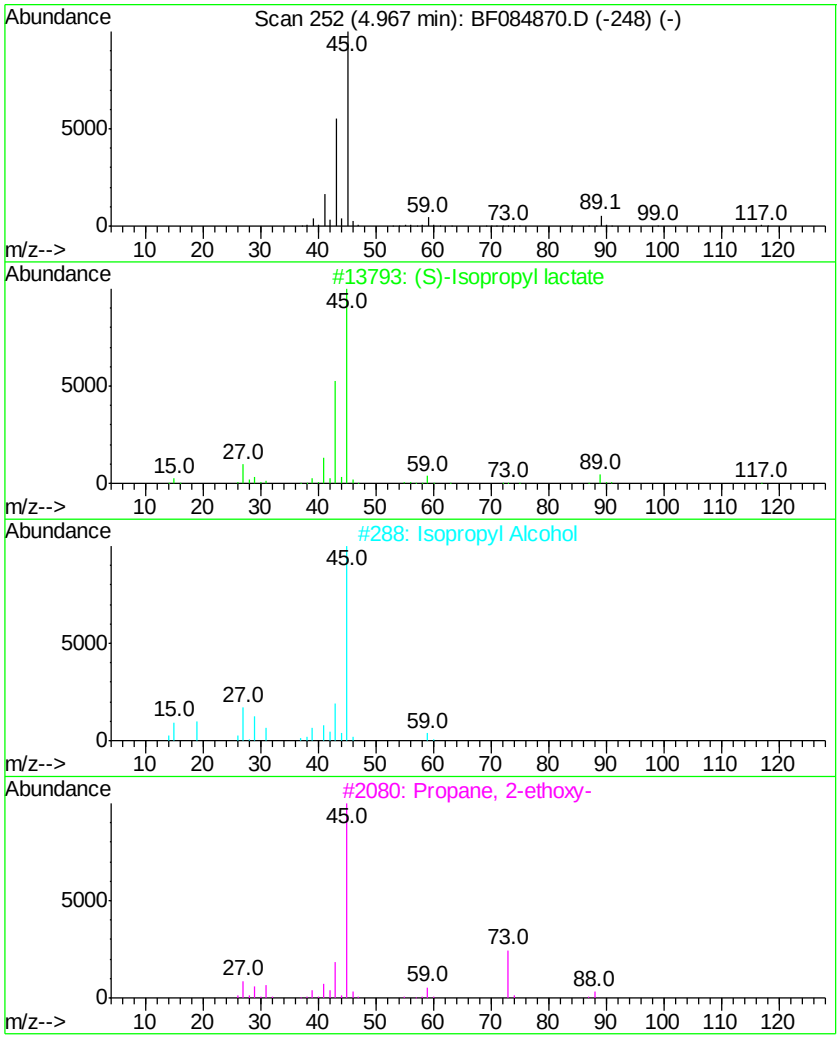
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

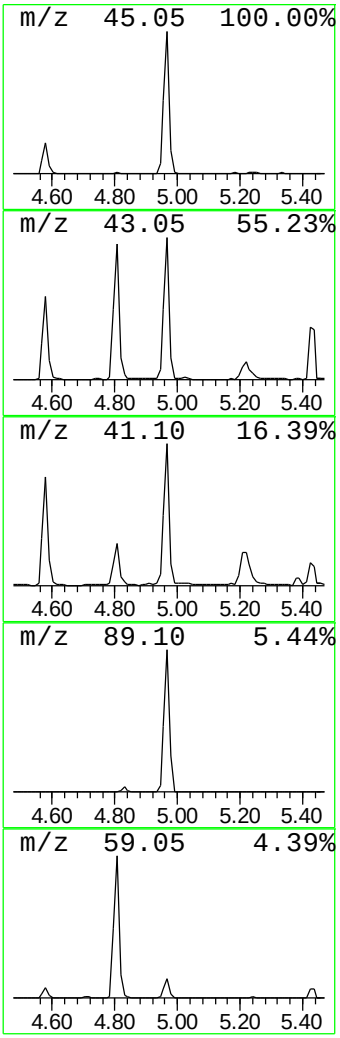
****

Peak Number 2 (S)-Isopropyl lactate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	46.08 ng	2573500	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-Isopropyl lactate	132	C6H12O3	063697-00-7	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45
4	2,3-Butanediol	90	C4H10O2	000513-85-9	9
5	(S)-2-Hydroxypropanoic acid	90	C3H6O3	000079-33-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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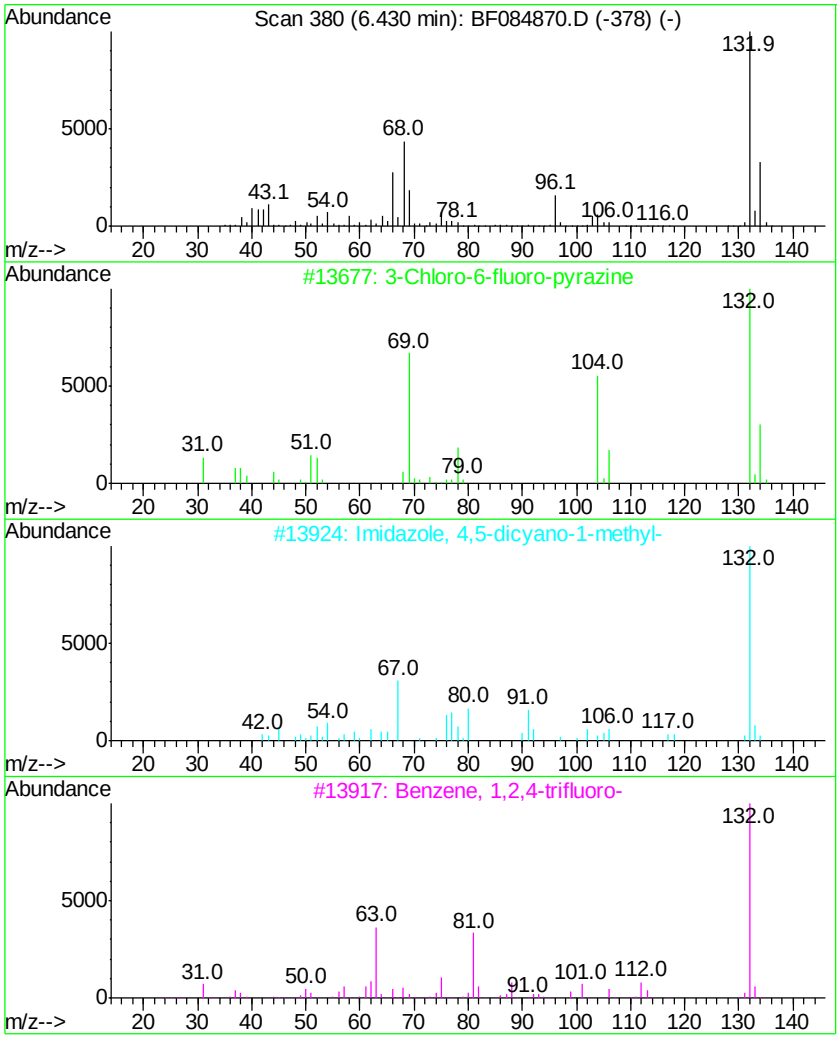
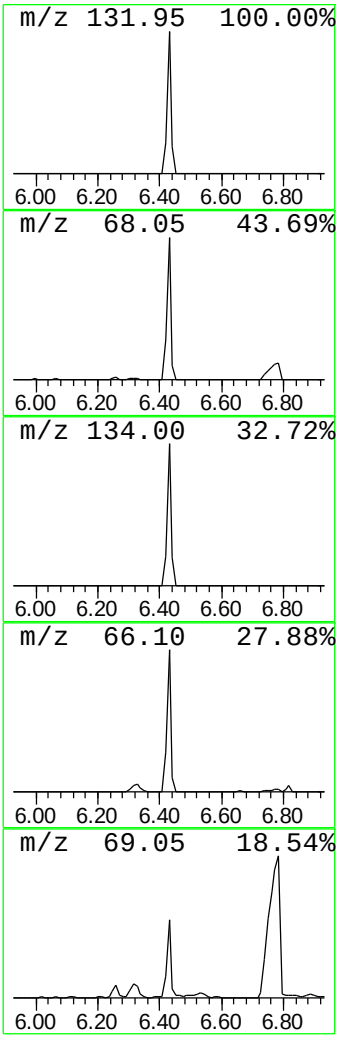
Peak Number 3 unknown6.43 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	69.60 ng	3886510	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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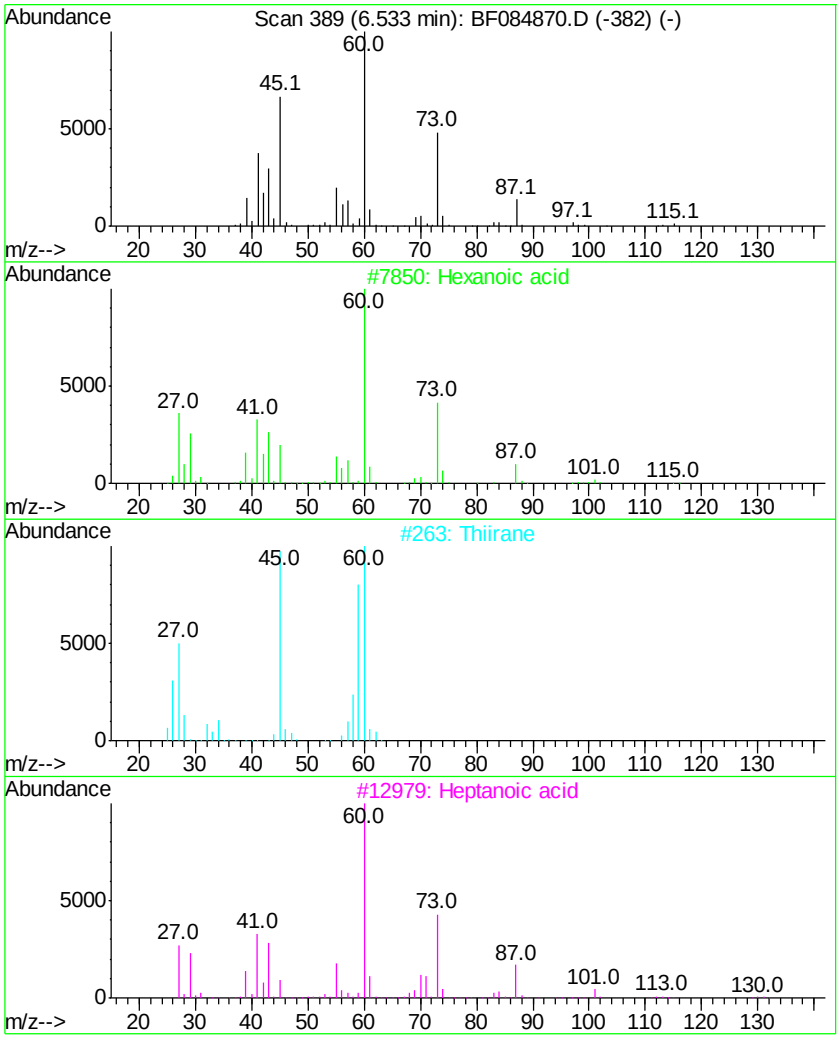
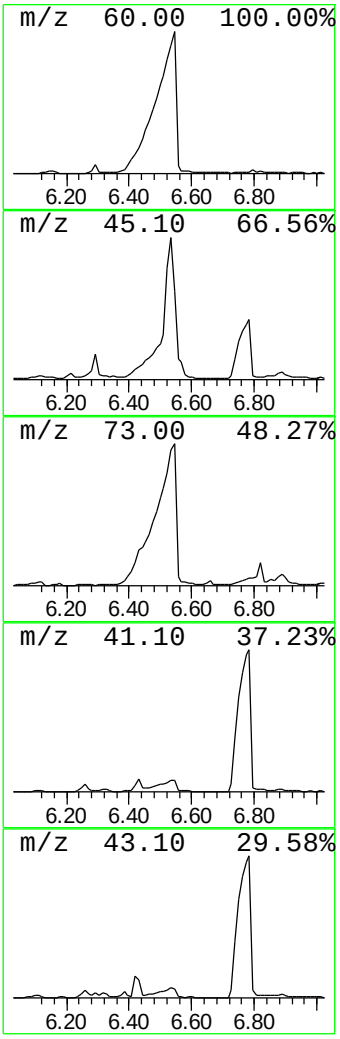
Peak Number 4 Hexanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	56.30 ng	3143900	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Thiirane	60	C2H4S	000420-12-2	53
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50





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Sample : H1357-02
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

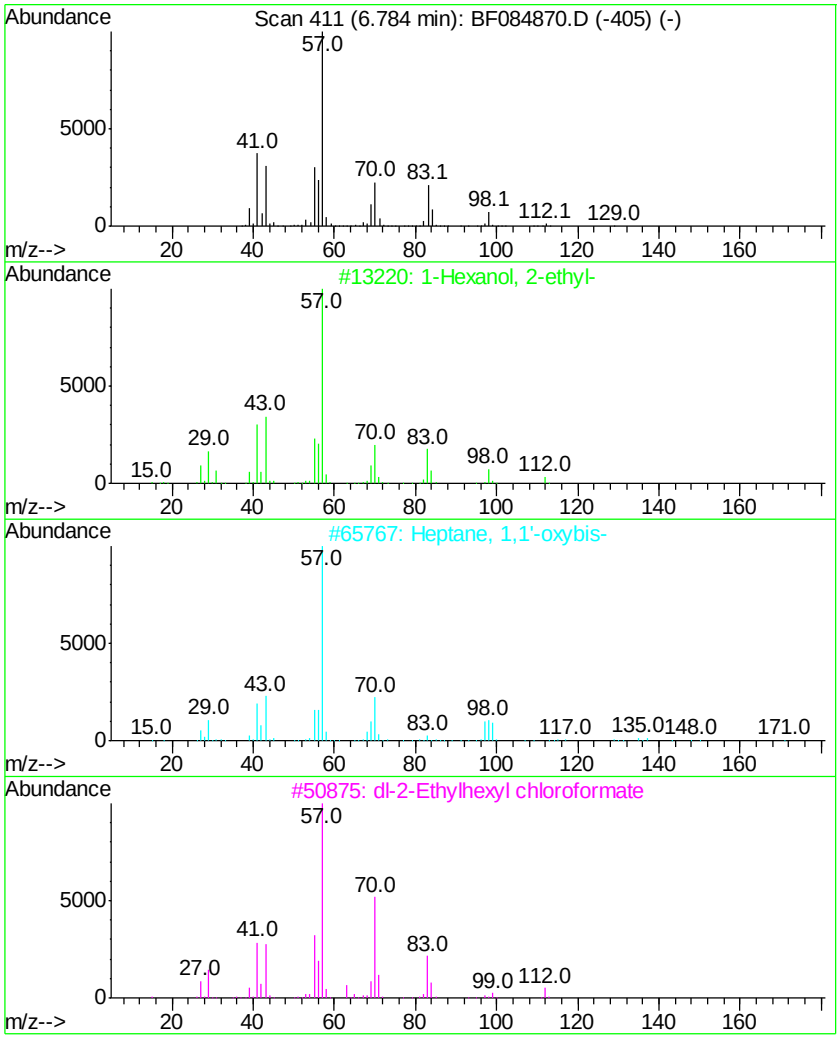
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

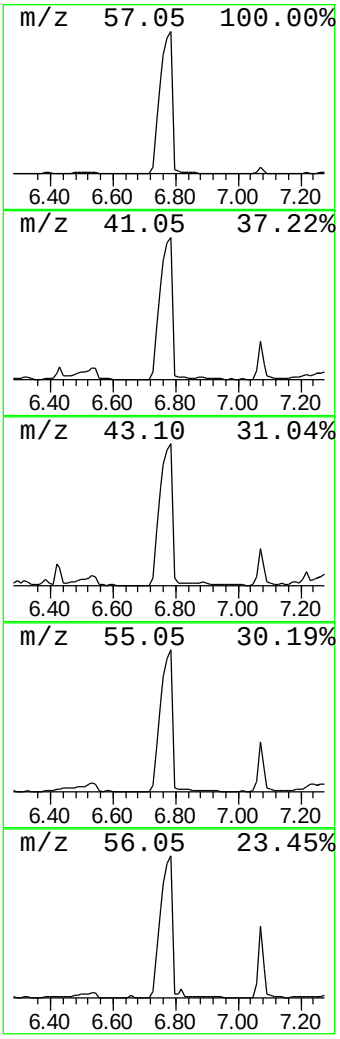
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	441.64 ng	24662800	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
3	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	40
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	39





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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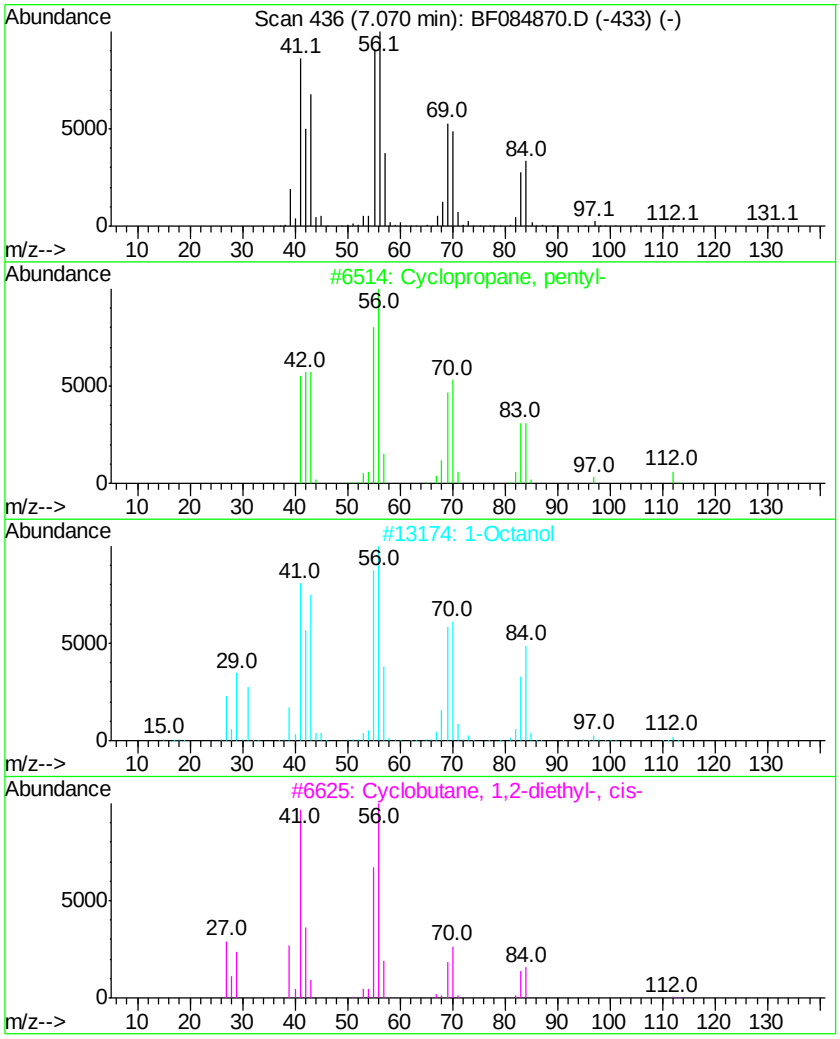
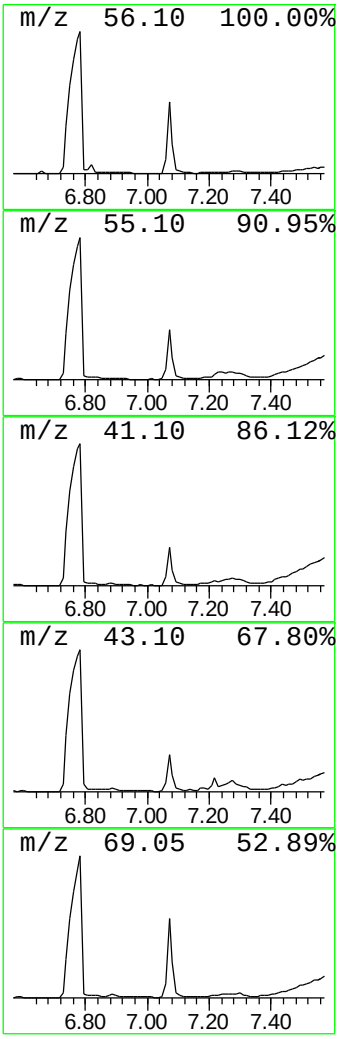
Peak Number 7 Cyclopropane, pentyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	52.60 ng	2937620	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentyl-	112	C8H16	002511-91-3	86
2	1-Octanol	130	C8H18O	000111-87-5	83
3	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	72
4	1-Heptene	98	C7H14	000592-76-7	64
5	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	59





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Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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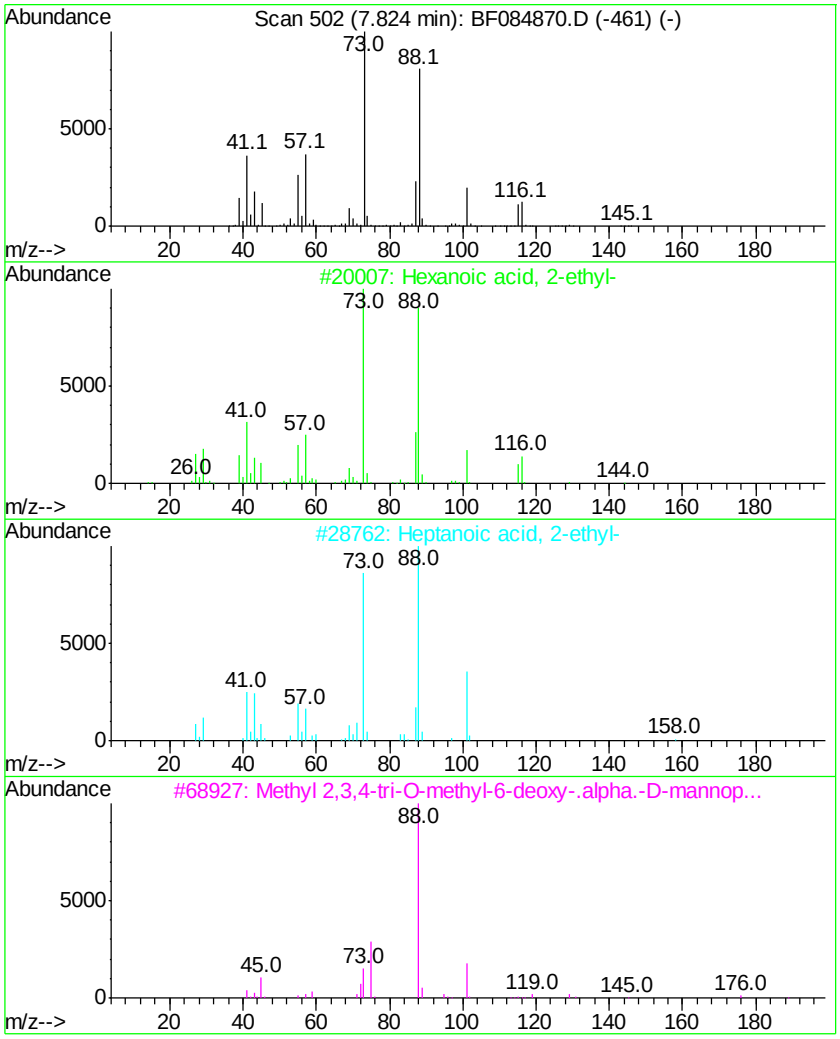
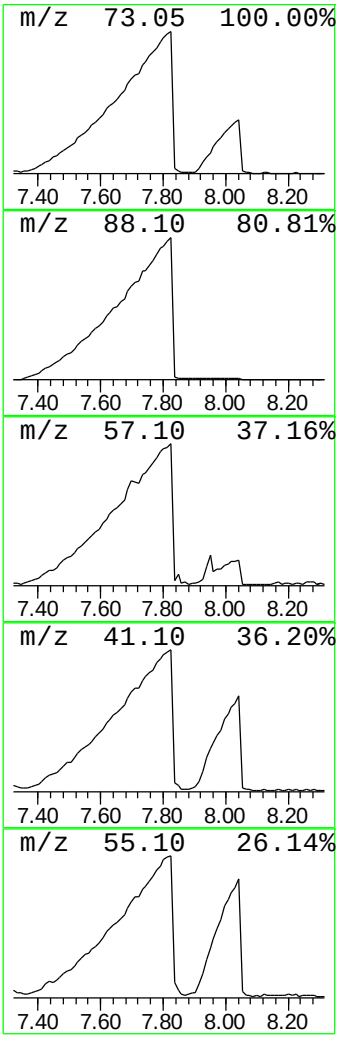
Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	274.65 ng	85718000	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	50
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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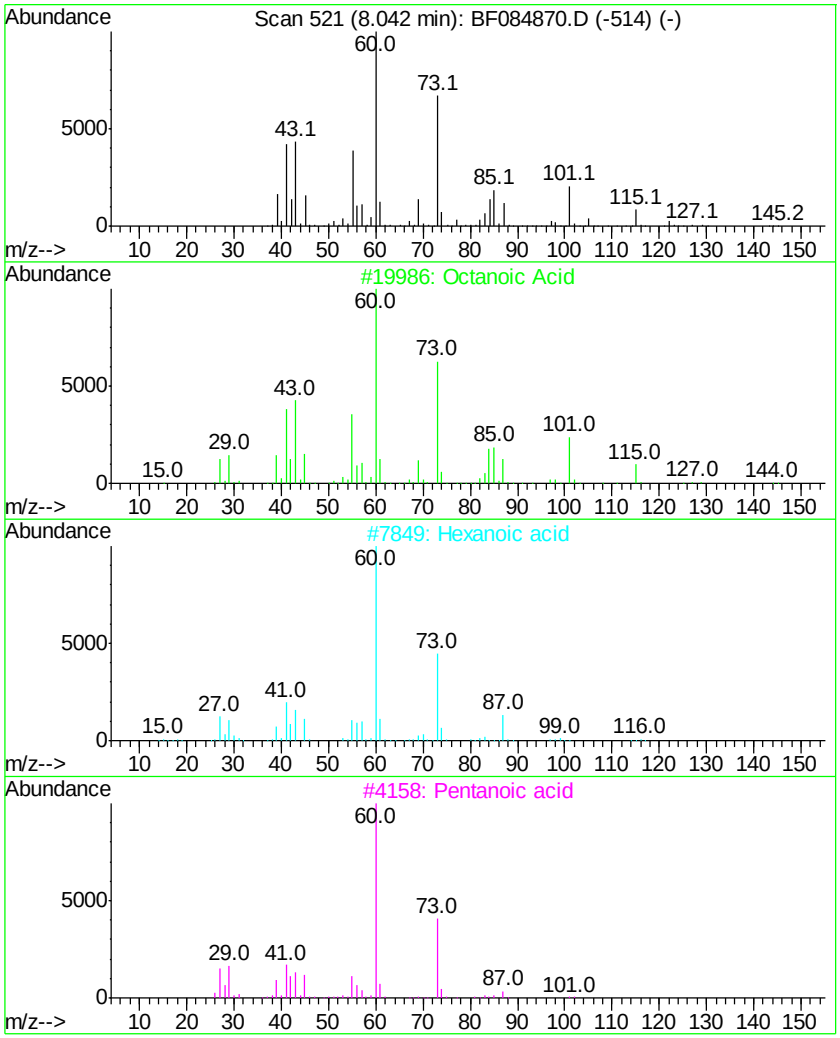
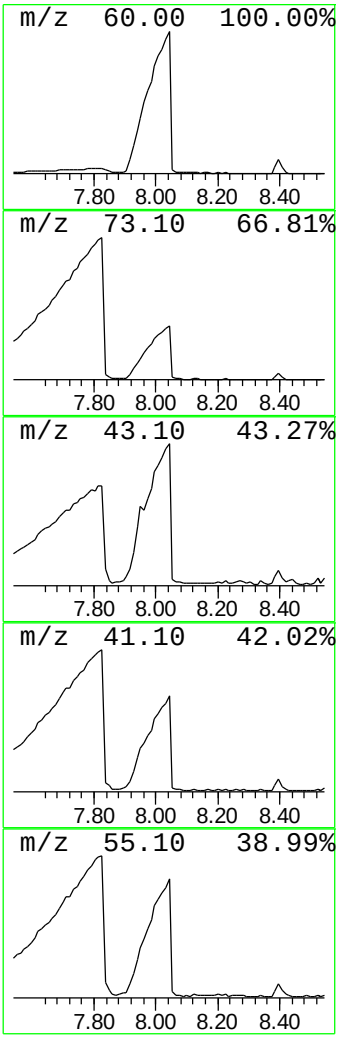
Peak Number 9 Octanoic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	61.68 ng	19251600	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	97
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Pentanoic acid	102	C5H10O2	000109-52-4	52
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50





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Sample : H1357-02
Misc :
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Instrument : BNA_F
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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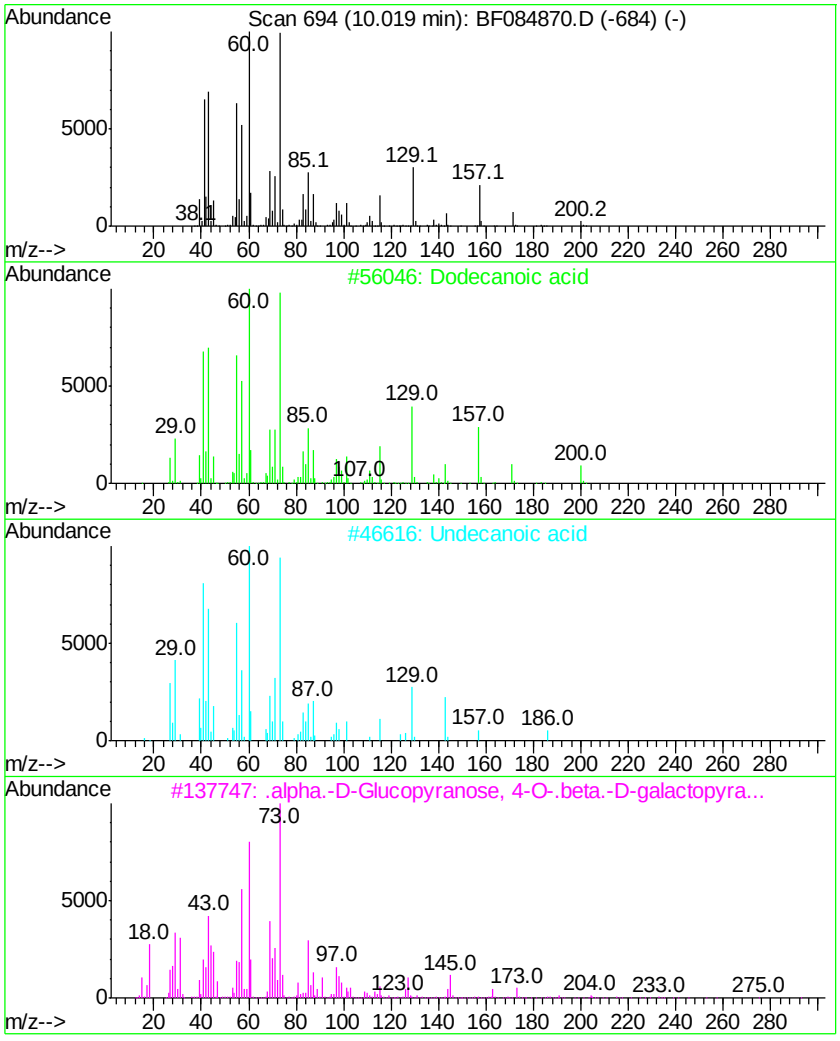
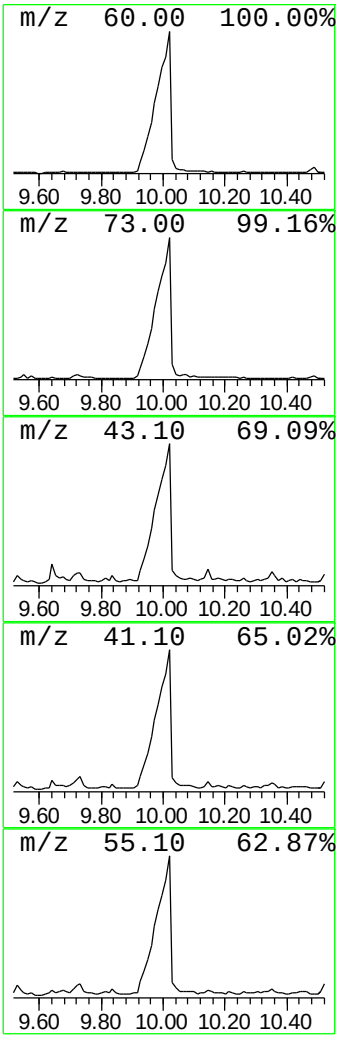
Peak Number 10 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	137.50 ng	15513500	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	47
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
5	Hexanoic acid	116	C6H12O2	000142-62-1	43





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ClientSampleId : EFF-WW

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TIC Library : C:\DATABASE\NIST02.L
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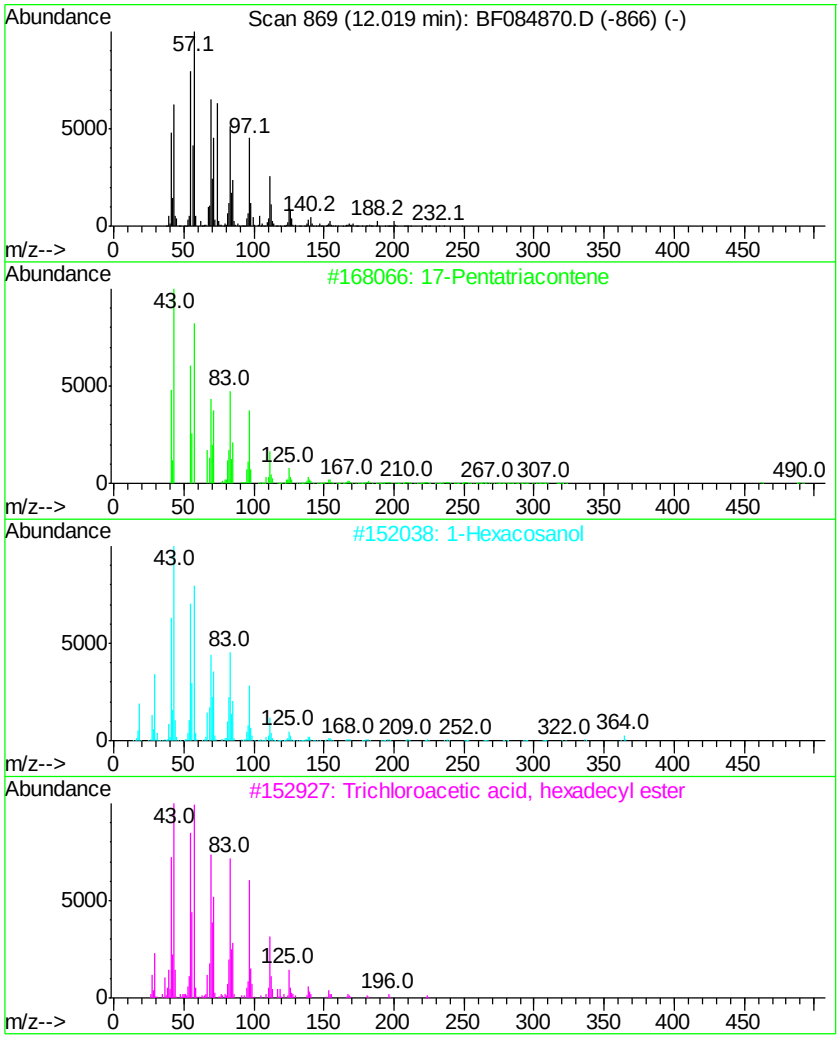
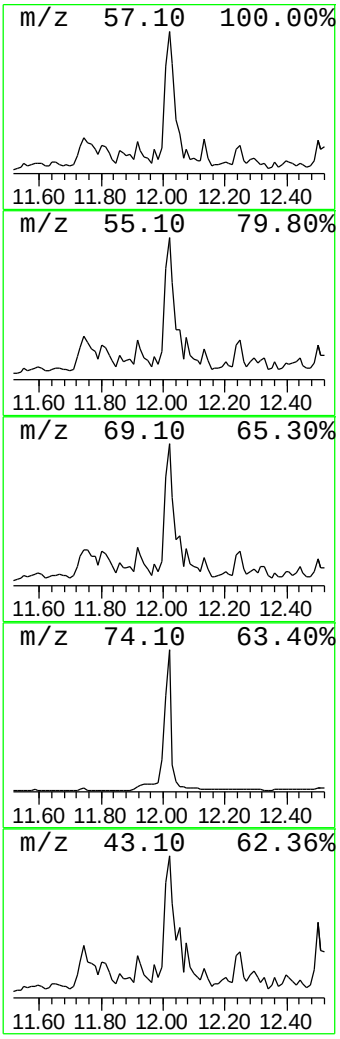
Peak Number 11 17-Pentatriacontene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	36.70 ng	15430700	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	74
2	1-Hexacosanol	382	C26H54O	000506-52-5	72
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	68
5	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	64





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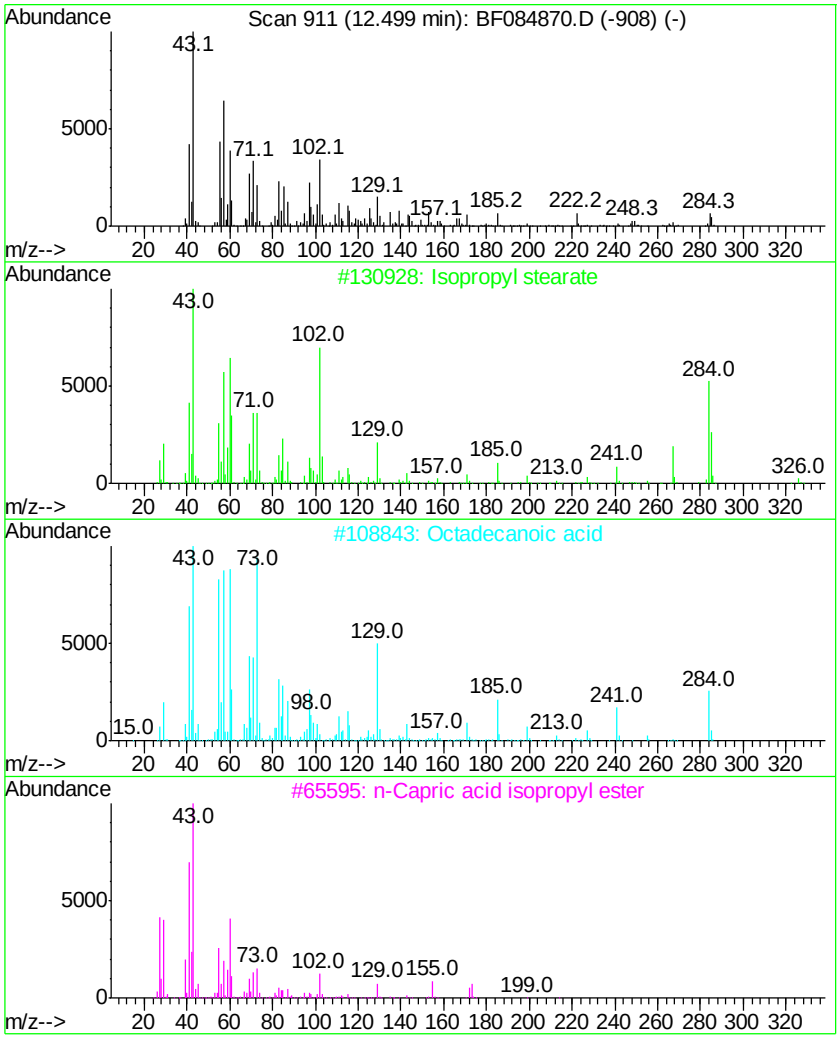
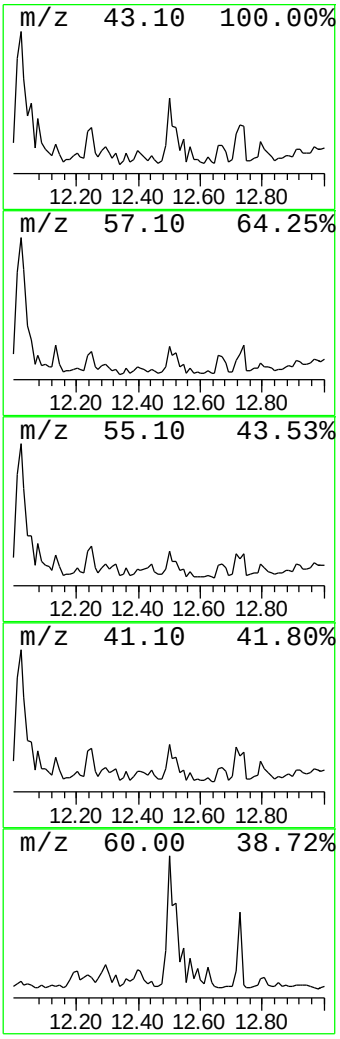
Peak Number 12 Isopropyl stearate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	43.46 ng	4658060	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	50
2	Octadecanoic acid	284	C18H36O2	000057-11-4	41
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	38
4	n-Octanoic acid isopropyl ester	186	C11H22O2	005458-59-3	27
5	Heptanoic acid, propyl ester	172	C10H20O2	007778-87-2	27





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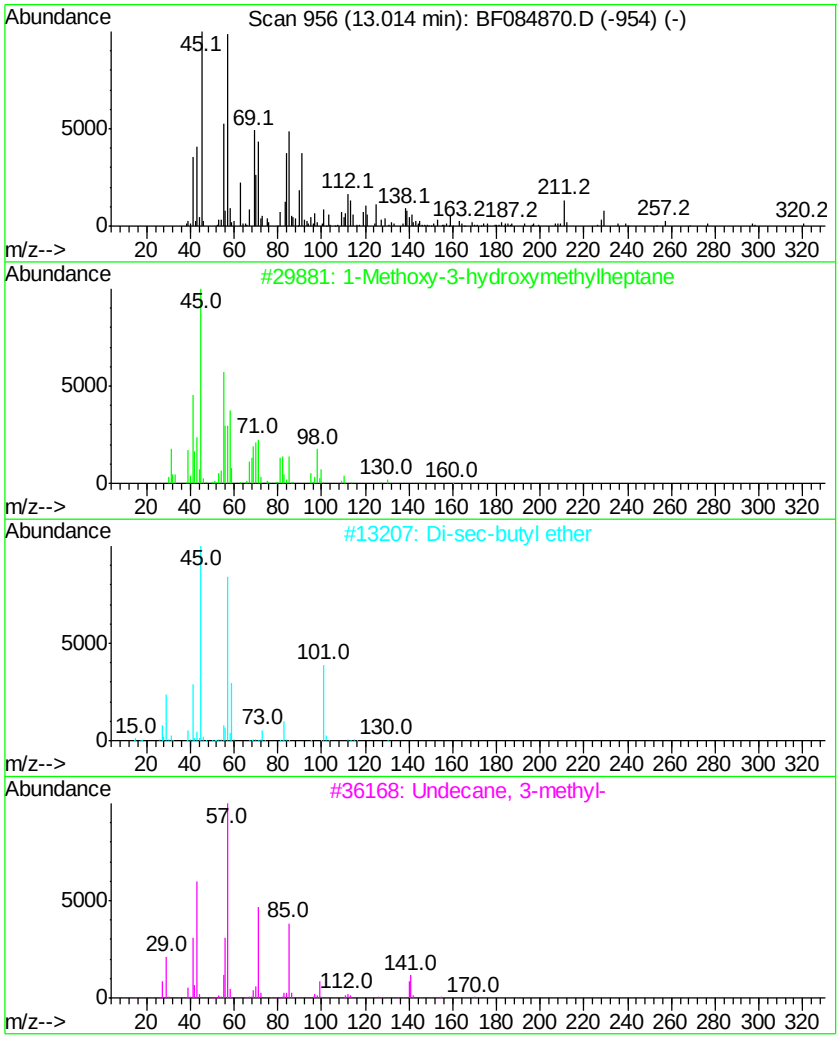
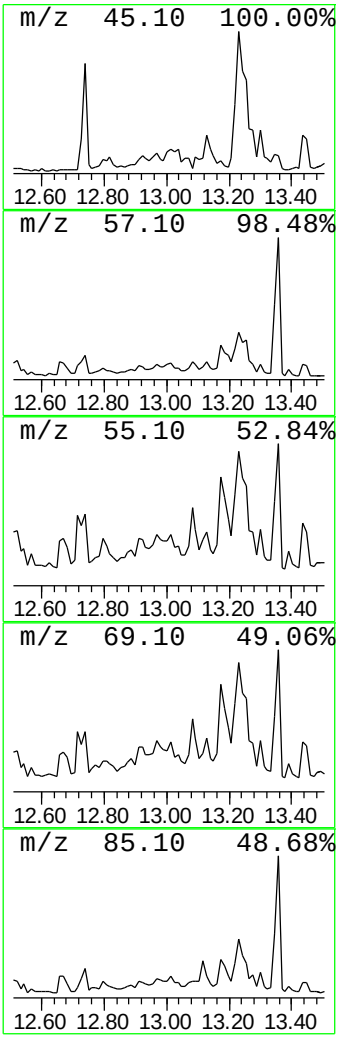
Peak Number 13 unknown13.01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	30.92 ng	3314010	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-3-hydroxymethylheptane	160	C9H20O2	071052-95-4	35
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	22
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	22
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	22
5	5-Methoxymethoxyhexa-2,3-diene	142	C8H14O2	1000190-45-1	22





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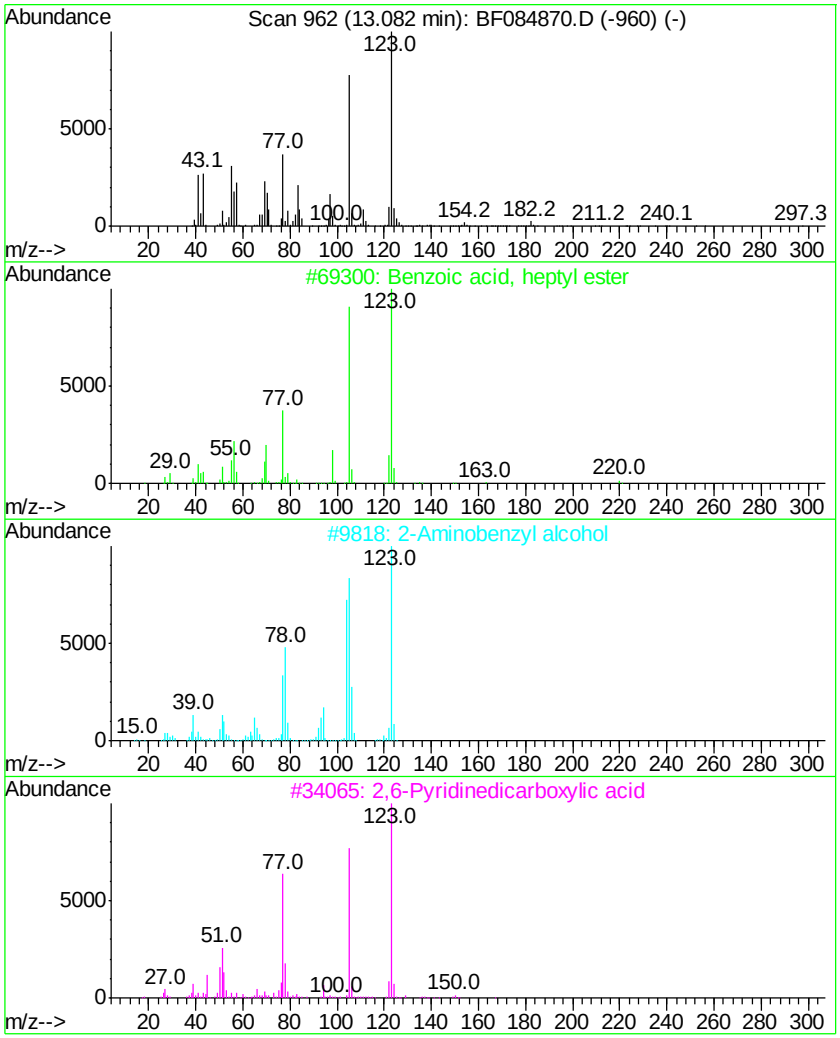
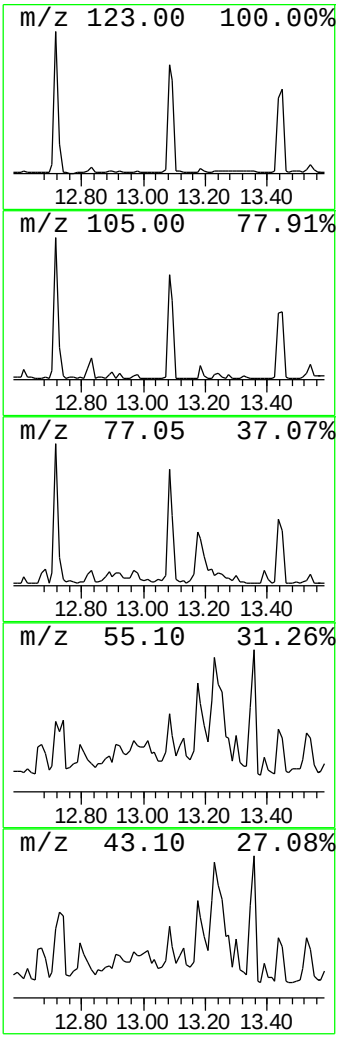
Peak Number 14 Benzoic acid, heptyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	36.47 ng	3909610	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, heptyl ester	220	C14H20O2	007155-12-6	72
2	2-Aminobenzyl alcohol	123	C7H9NO	005344-90-1	64
3	2,6-Pyridinedicarboxylic acid	167	C7H5NO4	000499-83-2	59
4	2-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-61-7	53
5	2-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-61-4	50





Library Search Compound Report

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Operator : SJ/IZ
Sample : H1357-02
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Instrument : BNA_F
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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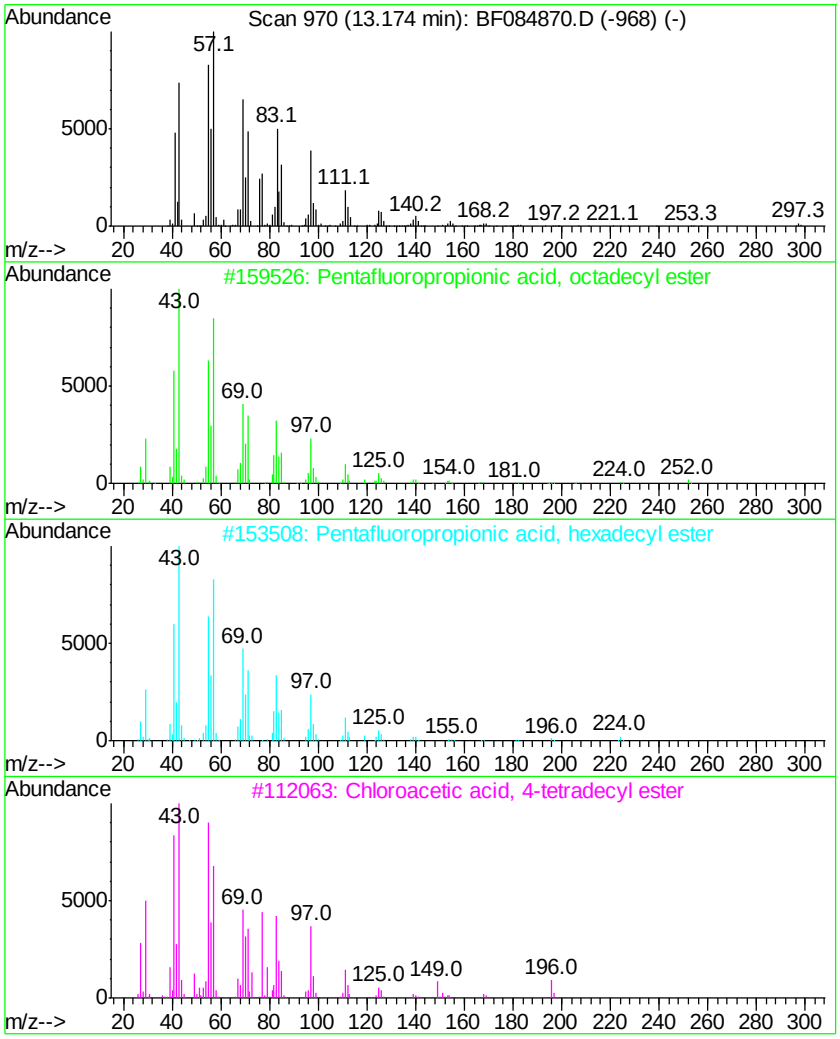
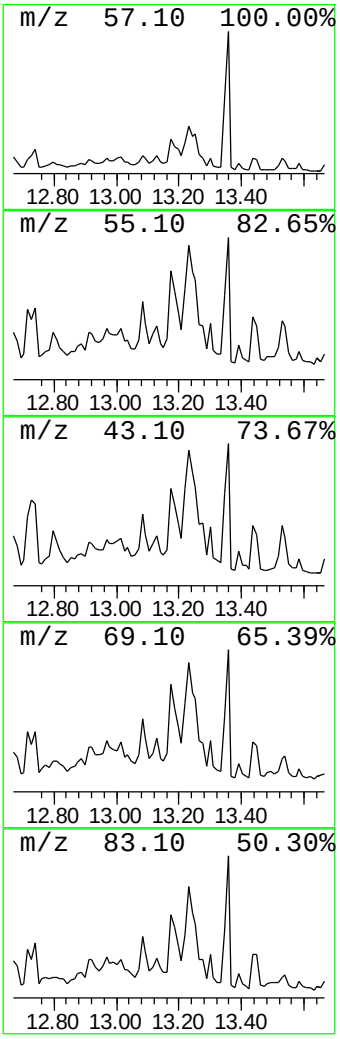
Peak Number 15 Pentafluoropropionic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	48.71 ng	5221210	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
3	Chloroacetic acid, 4-tetradecyl ...	290	C16H31ClO2	1000280-08-6	80
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	74
5	1-Hexacosanol	382	C26H54O	000506-52-5	72





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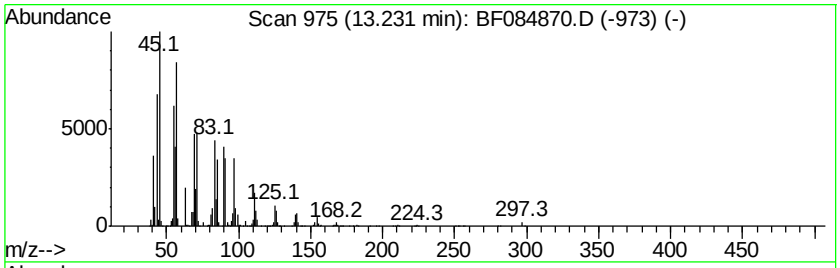
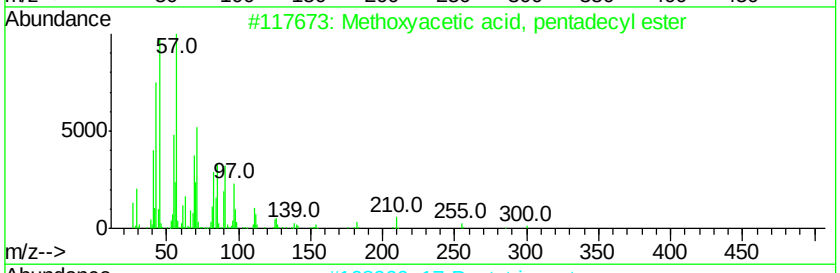
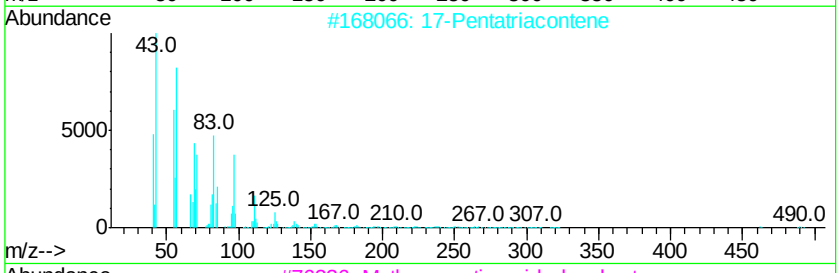
Peak Number 16 Methoxyacetic acid, pentade... Concentration Rank 6

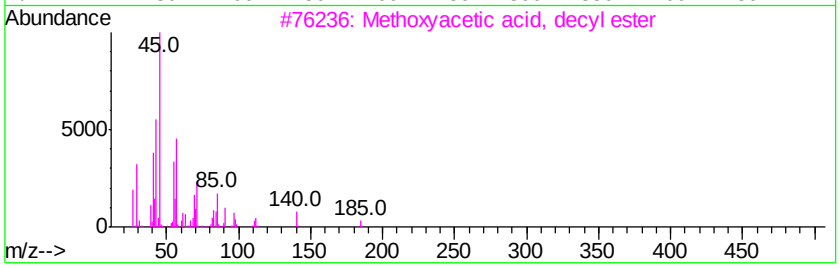
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	93.74 ng	10048000	Chrysene-d12	13.80

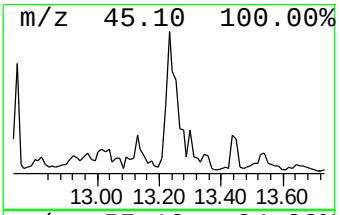
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, pentadecyl e...	300	C18H36O3	1000281-82-2	53
2	17-Pentatriacontene	491	C35H70	006971-40-0	49
3	Methoxyacetic acid, decyl ester	230	C13H26O3	259141-02-1	46
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	46
5	2-Pentadecanol	228	C15H32O	001653-34-5	43

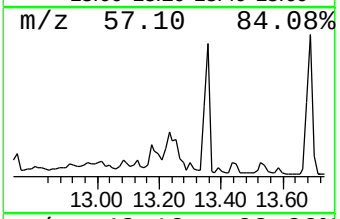


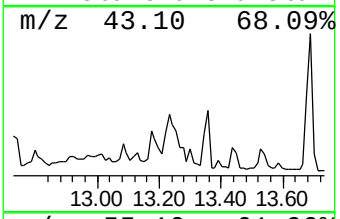


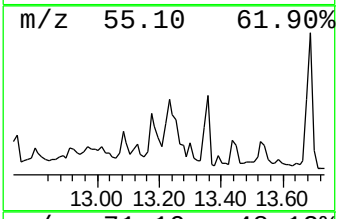


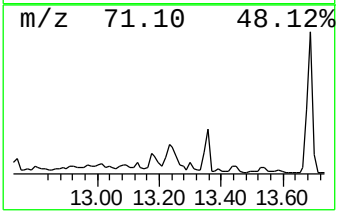












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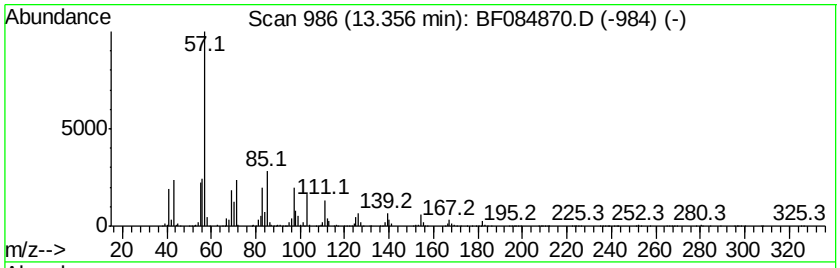
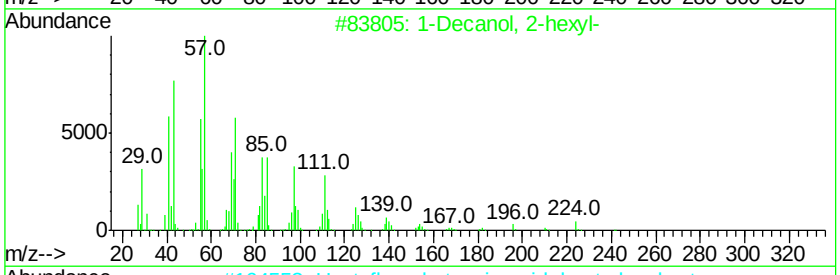
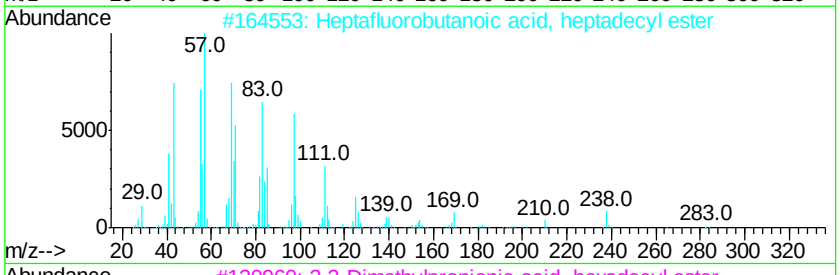
Peak Number 17 1-Decanol, 2-hexyl- Concentration Rank 11

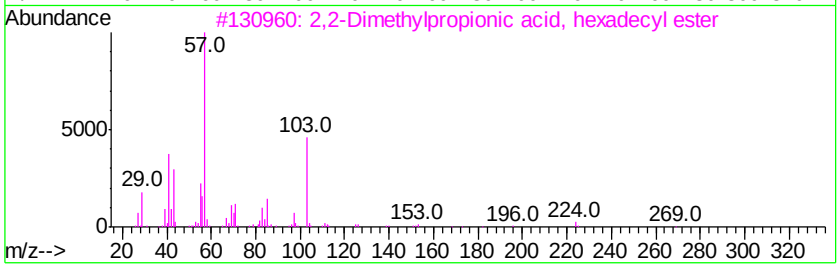
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	55.41 ng	5939880	Chrysene-d12	13.80

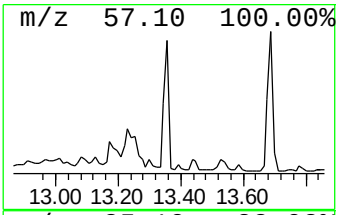
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	60
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	50
3	2,2-Dimethylpropionic acid, hexa...	326	C21H42O2	032767-89-8	47
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	47
5	2,2-Dimethylpropionic acid, tetr...	298	C19H38O2	144610-93-5	43

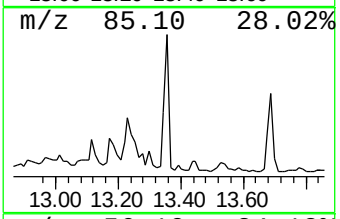


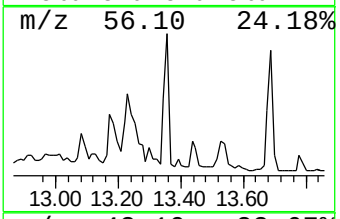


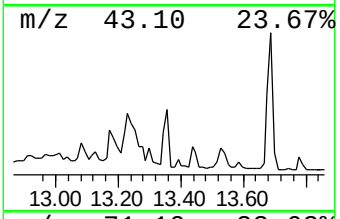


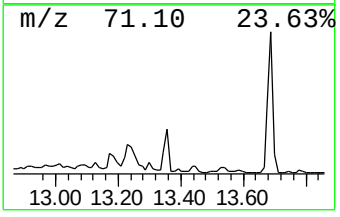












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ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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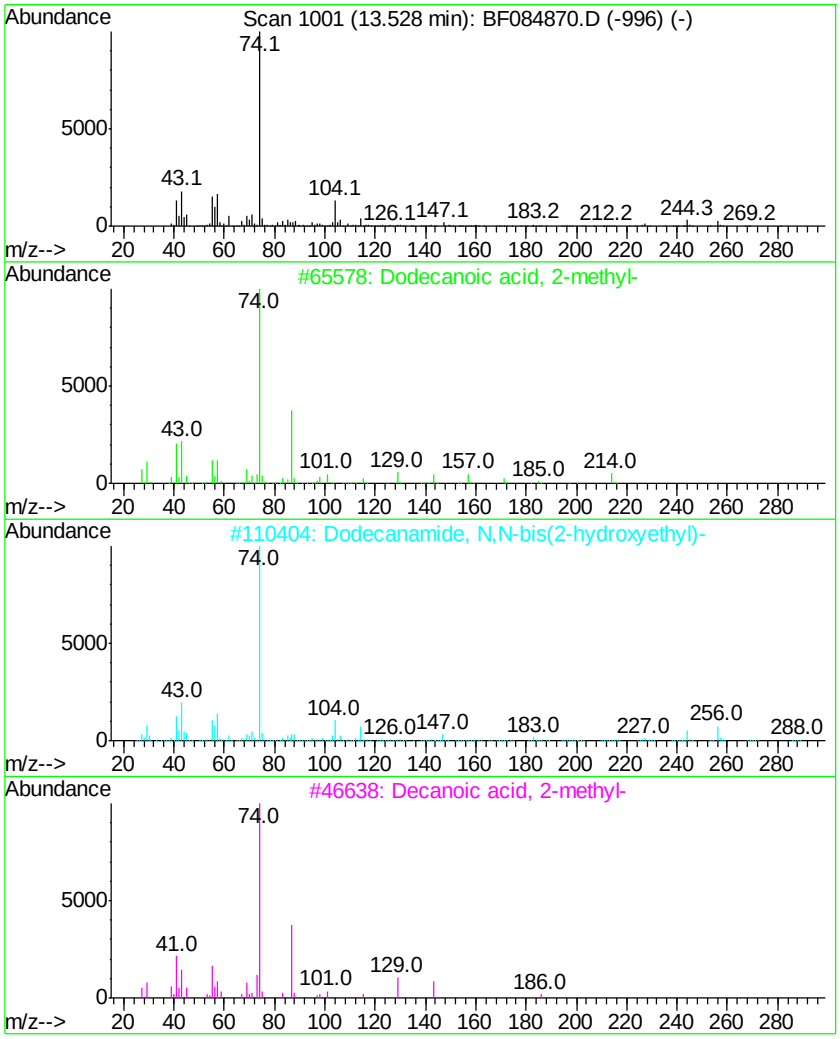
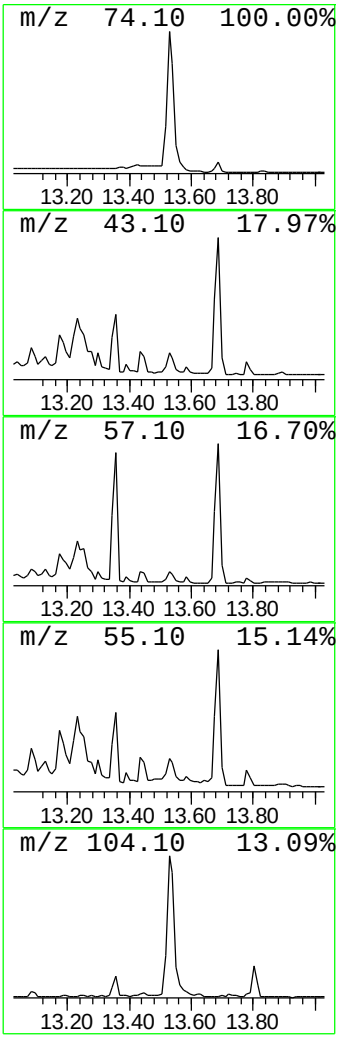
Peak Number 18 unknown13.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	42.08 ng	4510130	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	42
2	Dodecanamide, N,N-bis(2-hydroxye...	287	C16H33NO3	000120-40-1	38
3	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	38
4	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	36
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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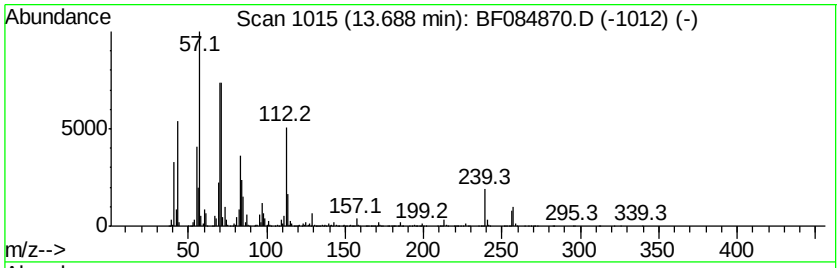
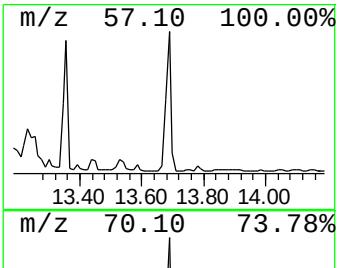
Peak Number 19 unknown13.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	103.95 ng	11142800	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47
2	1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	43
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	38
4	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	35
5	Heptane, 3-ethyl-5-methylene-	140	C10H20	1000160-41-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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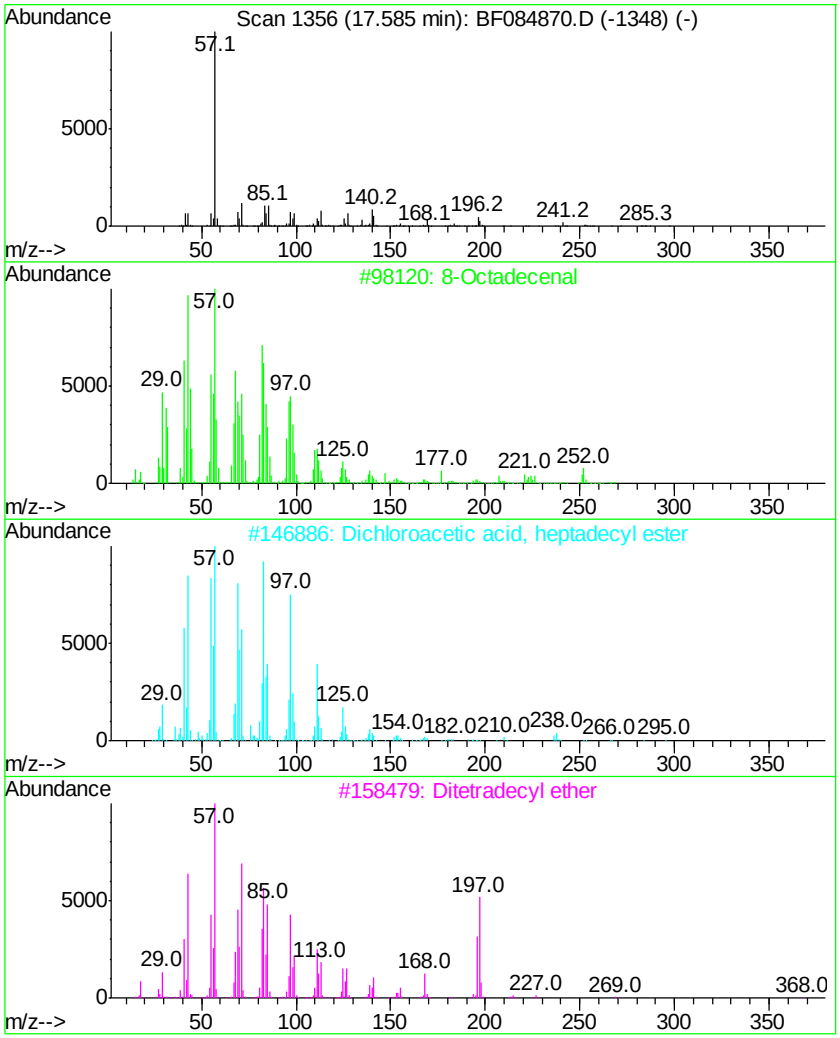
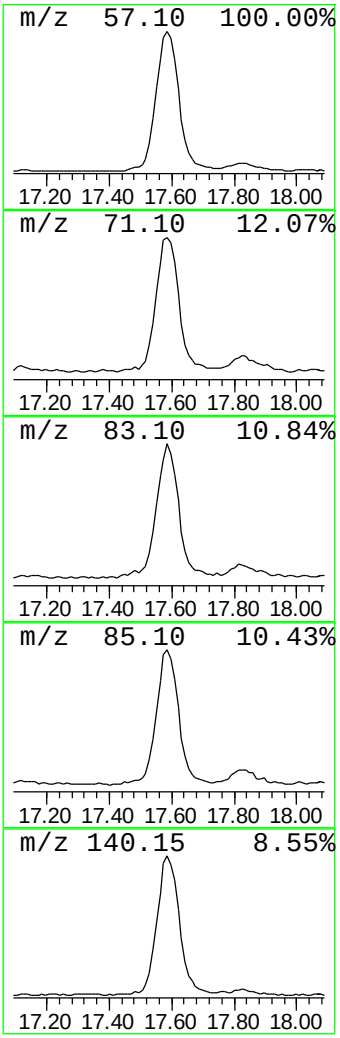
Peak Number 20 8-Octadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	118.41 ng	6273830	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal	266	C18H34O	056554-94-0	56
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	55
3	Ditetradecyl ether	410	C28H58O	005412-98-6	50
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	49
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	29.1	ng	1624260	1	6.66	1116870	20.0
(S)-Isopropyl lac...	4.97	46.1	ng	2573500	1	6.66	1116870	20.0
unknown6.43	6.43	69.6	ng	3886510	1	6.66	1116870	20.0
Hexanoic acid	6.53	56.3	ng	3143900	1	6.66	1116870	20.0
1-Hexanol, 2-ethyl-	6.78	441.6	ng	24662800	1	6.66	1116870	20.0
Cyclopropane, pen...	7.07	52.6	ng	2937620	1	6.66	1116870	20.0
Hexanoic acid, 2-...	7.82	274.6	ng	85718000	2	7.95	6242100	20.0
Octanoic Acid	8.04	61.7	ng	19251600	2	7.95	6242100	20.0
Dodecanoic acid	10.02	137.5	ng	15513500	3	9.70	2256560	20.0
17-Pentatriacontene	12.02	36.7	ng	15430700	4	11.17	8408180	20.0
Isopropyl stearate	12.50	43.5	ng	4658060	5	13.80	2143830	20.0
unknown13.01	13.01	30.9	ng	3314010	5	13.80	2143830	20.0
Benzoic acid, hep...	13.08	36.5	ng	3909610	5	13.80	2143830	20.0
Pentafluoropropio...	13.17	48.7	ng	5221210	5	13.80	2143830	20.0
Methoxyacetic aci...	13.23	93.7	ng	10048000	5	13.80	2143830	20.0
1-Decanol, 2-hexyl-	13.36	55.4	ng	5939880	5	13.80	2143830	20.0
unknown13.53	13.53	42.1	ng	4510130	5	13.80	2143830	20.0
unknown13.69	13.69	104.0	ng	11142800	5	13.80	2143830	20.0
8-Octadecenal	17.59	118.4	ng	6273830	6	15.17	1059650	20.0