LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

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-BF123115.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	3.698	128	141	149	rBV2	87656	341003	3.19%	0.356%
2	4.304	190	194	199	rVV3	56086	215886	2.02%	0.225%
3	4.384	199	201	204	rVB	225078	272606	2.55%	0.284%
4	5.035	255	258	261	rBV	1798976	2122304	19.82%	2.214%
5	5.173	261	270	271	rVV5	121111	621221	5.80%	0.648%
6	5.207	271	273	274	rVV	196506	349697	3.27%	0.365%
7	5.241	274	276	279	rVV	209982	424711	3.97%	0.443%
8	5.310	279	282	283	rVV	205959	305382	2.85%	0.319%
9	5.344	283	285	290	rVV	140698	257770	2.41%	0.269%
10	5.458	293	295	298	rVB	2906512	2948251	27.54%	3.076%
11	5.676	312	314	316	rVB2	333287	381629	3.56%	0.398%
12	5.801	321	325	328	rVB	88797	116152	1.08%	0.121%
13	5.858	328	330	333	rBV	304925	262939	2.46%	0.274%
14	6.156	352	356	359	rBV	176531	236035	2.20%	0.246%
15	6.487	383	385	389	rBV2	1831511	3007278	28.09%	3.137%
16	6.624	394	397	399	rBV	5658056	5174185	48.33%	5.398%
17	6.693	401	403	405	rVB	142030	126646	1.18%	0.132%
18	6.853	415	417	419	rBV	2169510	1824986	17.05%	1.904%
19	6.887	419	420	421	rVV	135750	116619	1.09%	0.122%
20	6.921	421	423	428	rVV	710932	946568	8.84%	0.988%
21	7.013	428	431	433	rVV	6780558	6425999	60.02%	6.704%
22	7.059	433	435	438	rVB2	69013	126431	1.18%	0.132%
23	7.264	447	453	455	rBV4	165709	339095	3.17%	0.354%
24	7.424	463	467	469	rBV	5076994	5869188	54.82%	6.123%
25	7.561	472	479	480	rBV	287056	607214	5.67%	0.634%
26	7.584	480	481	483	rVV2	133556	151914	1.42%	0.158%
27	7.630	483	485	486	rVB2	87694	118207	1.10%	0.123%
28	7.687	486	490	499	rVB3	211294	512103	4.78%	0.534%
29	7.824	499	502	503	rBV2	43683	110367	1.03%	0.115%
30	7.893	503	508	509	rBV3	393190	933734	8.72%	0.974%
31	7.939	509	512	515	rVB3	547183	1098208	10.26%	1.146%
32	8.053	520	522	524	rBV	394366	339240	3.17%	0.354%
33	8.144	527	530	531	rBV	2556897	2485288	23.21%	2.593%
34	8.167	531	532	534	rVB	565668	434827	4.06%	0.454%

LSC Area Percent Report

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Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.213	534	536	538	rVB3	98043	122547	1.14%	0.128%
36	8.270	538	541	542	rBV2	149783	268841	2.51%	0.280%
37	8.373	547	550	551	rBV	158873	233817	2.18%	0.244%
38	8.419	551	554	560	rVV4	846425	1862648	17.40%	1.943%
39	8.522	560	563	566	rVV5	197059	278614	2.60%	0.291%
40	8.579	566	568	570	rVV2	121818	137280	1.28%	0.143%
41	8.716	578	580	581	rVB	148449	121329	1.13%	0.127%
42	8.864	591	593	598	rBV2	103358	218875	2.04%	0.228%
43	8.944	598	600	603	rVB	109129	137201	1.28%	0.143%
44	9.013	603	606	609	rBV5	42575	112853	1.05%	0.118%
45	9.104	609	614	616	rBV5	121882	218312	2.04%	0.228%
46	9.219	621	624	626	rVV	7353162	10706209	100.00%	11.170%
47	9.264	626	628	630	rVV	2364298	3120222	29.14%	3.255%
48	9.356	633	636	639	rVV2	985692	1896223	17.71%	1.978%
49	9.619	655	659	660	rVV2	363016	518703	4.84%	0.541%
50	9.653	660	662	666	rVB3	181660	246466	2.30%	0.257%
51	9.779	670	673	674	rBV3	78172	137729	1.29%	0.144%
52	9.825	674	677	679	rBV	835522	839173	7.84%	0.876%
53	9.893	679	683	686	rBV2	2575193	2815887	26.30%	2.938%
54	10.110	700	702	704	rBV2	212387	238770	2.23%	0.249%
55	10.167	706	707	712	rVB2	103682	160447	1.50%	0.167%
56	10.305	718	719	723	rVB2	419457	495987	4.63%	0.517%
57	10.487	733	735	737	rBV	289184	278830	2.60%	0.291%
58	10.533	737	739	742	rVB	700602	871256	8.14%	0.909%
59	10.682	750	752	754	rVB2	3394669	4342085	40.56%	4.530%
60	10.739	754	757	759	rVB	125044	172475	1.61%	0.180%
61	10.796	760	762	767	rVB2	294012	454763	4.25%	0.474%
62	10.922	770	773	776	rBV4	89068	191771	1.79%	0.200%
63	10.990	776	779	782	rBV	178047	292347	2.73%	0.305%
64	11.162	792	794	795	rBV2	123186	174214	1.63%	0.182%
65	11.265	800	803	805	rVV	3674242	5065493	47.31%	5.285%
66	11.322	805	808	810	rVB	1764388	1881315	17.57%	1.963%
67	11.379	810	813	816	rBV	2835166	2850461	26.62%	2.974%
68	11.573	828	830	837	rVV	565053	687697	6.42%	0.717%
69	11.722	841	843	845	rVV2	82756	111761	1.04%	0.117%
70	11.779	845	848	851	rVB3	119552	215118	2.01%	0.224%
71	12.099	874	876	879	rBV2	106666	155013	1.45%	0.162%

LSC Area Percent Report

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Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.373	898	900	902	rVB2	111556	133587	1.25%	0.139%
73	12.510	910	912	916	rVB3	71655	136027	1.27%	0.142%
74	12.613	919	921	923	rBV	333921	404001	3.77%	0.421%
75	12.659	923	925	926	rVB	199532	157390	1.47%	0.164%
76	12.853	940	942	947	rBV	433285	589244	5.50%	0.615%
77	12.968	950	952	955	rBV	5774278	7931467	74.08%	8.275%
78	13.333	982	984	987	rVB3	96263	144022	1.35%	0.150%
79	13.562	1002	1004	1007	rVB2	130974	183854	1.72%	0.192%
80	13.871	1029	1031	1036	rVB	332322	524962	4.90%	0.548%
81	14.019	1041	1044	1046	rVB	1897903	1952228	18.23%	2.037%
82	15.448	1166	1169	1171	rBV	996725	1315082	12.28%	1.372%
83	16.122	1226	1228	1235	rVB5	64248	141974	1.33%	0.148%

Sum of corrected areas: 95850253

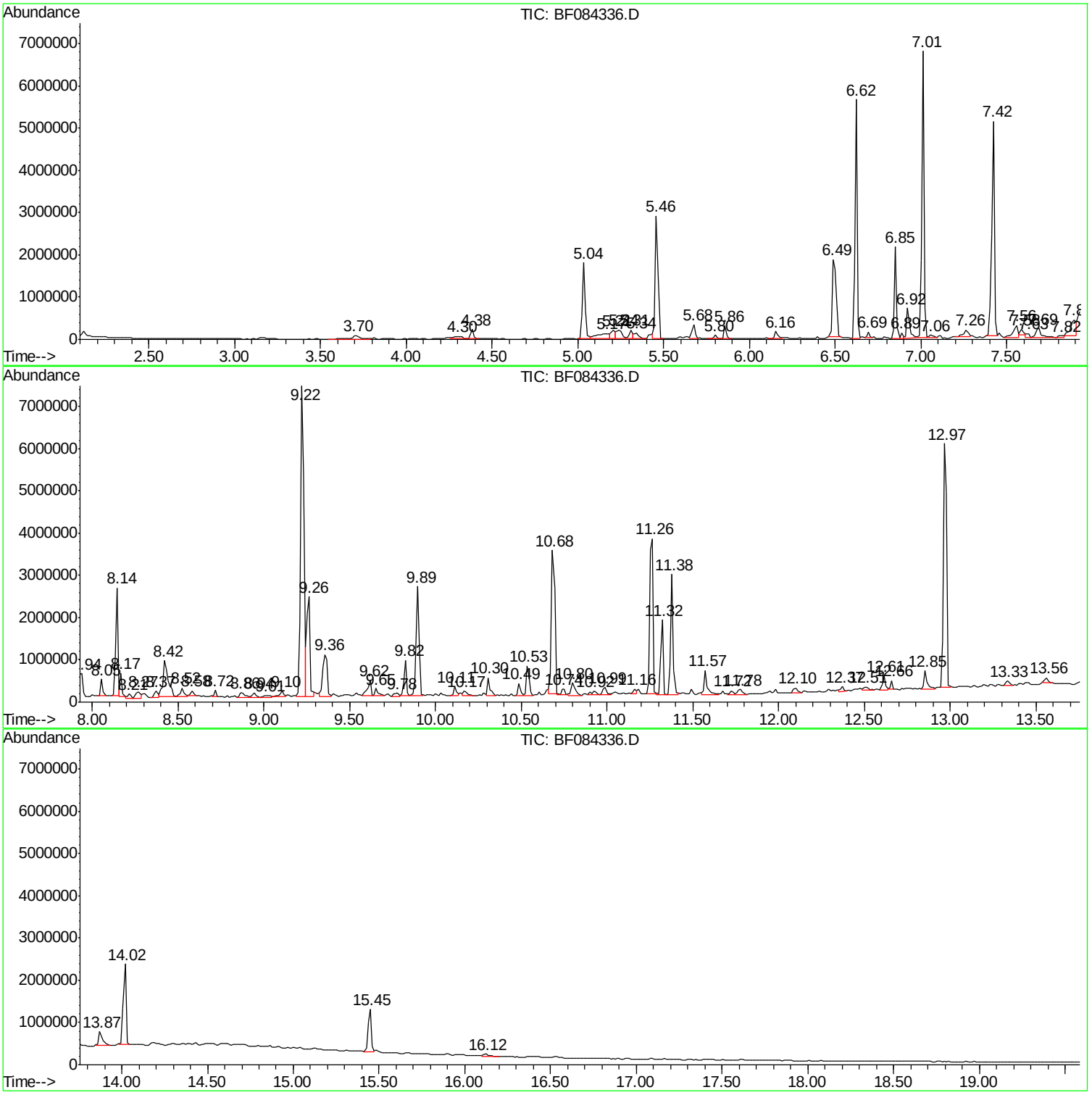
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

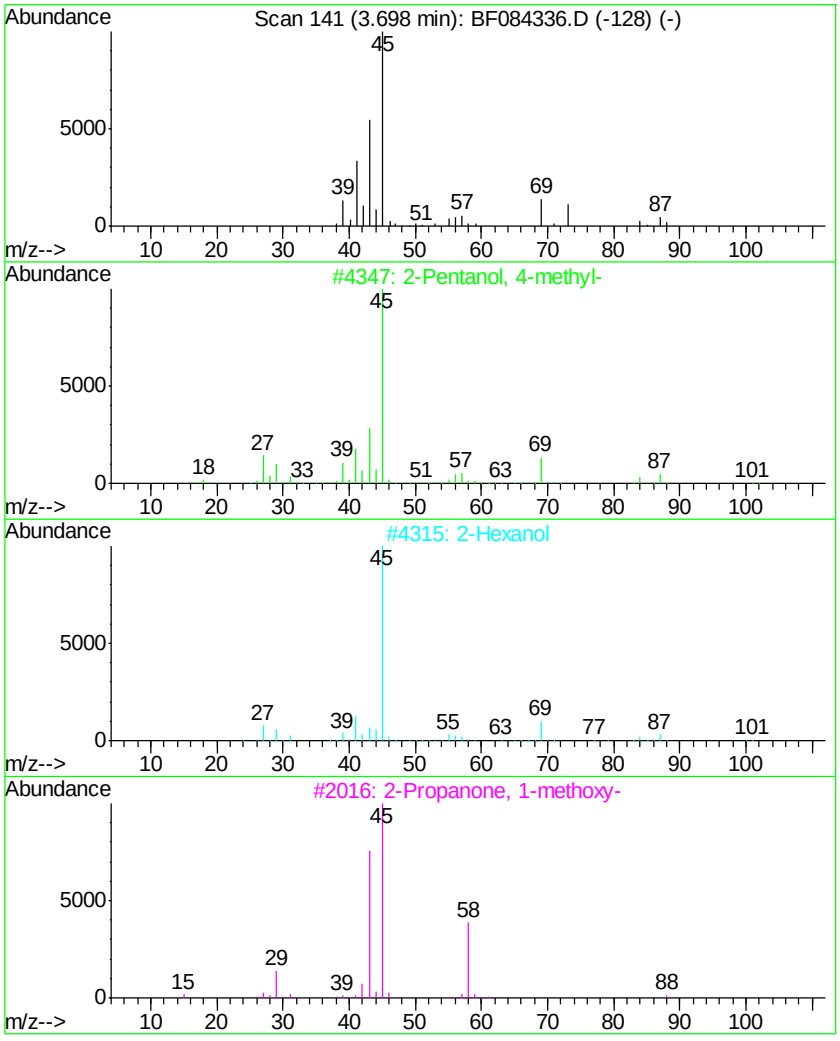
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

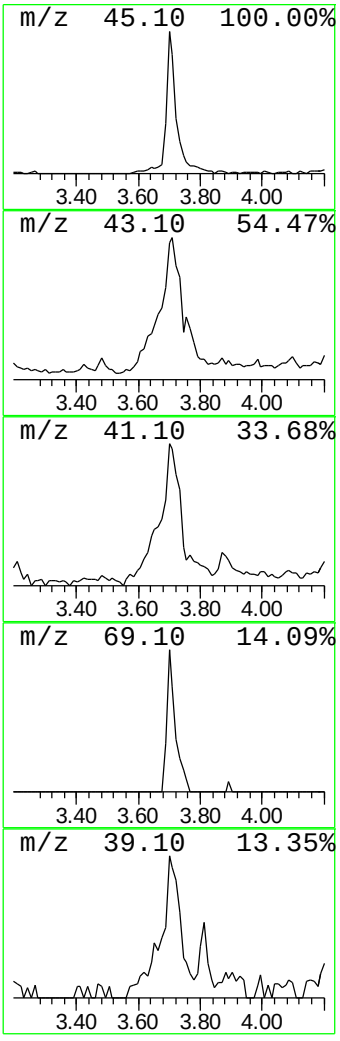
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	3.74 ng	341003	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
2	2-Hexanol	102	C6H14O	000626-93-7	64
3	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	59
4	2-Pentanol, 3-chloro-4-methyl-, ...	136	C6H13ClO	074685-47-5	59
5	2-Hexanol, (R)-	102	C6H14O	026549-24-6	50





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Acq On : 8 Jan 2016 19:06
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Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

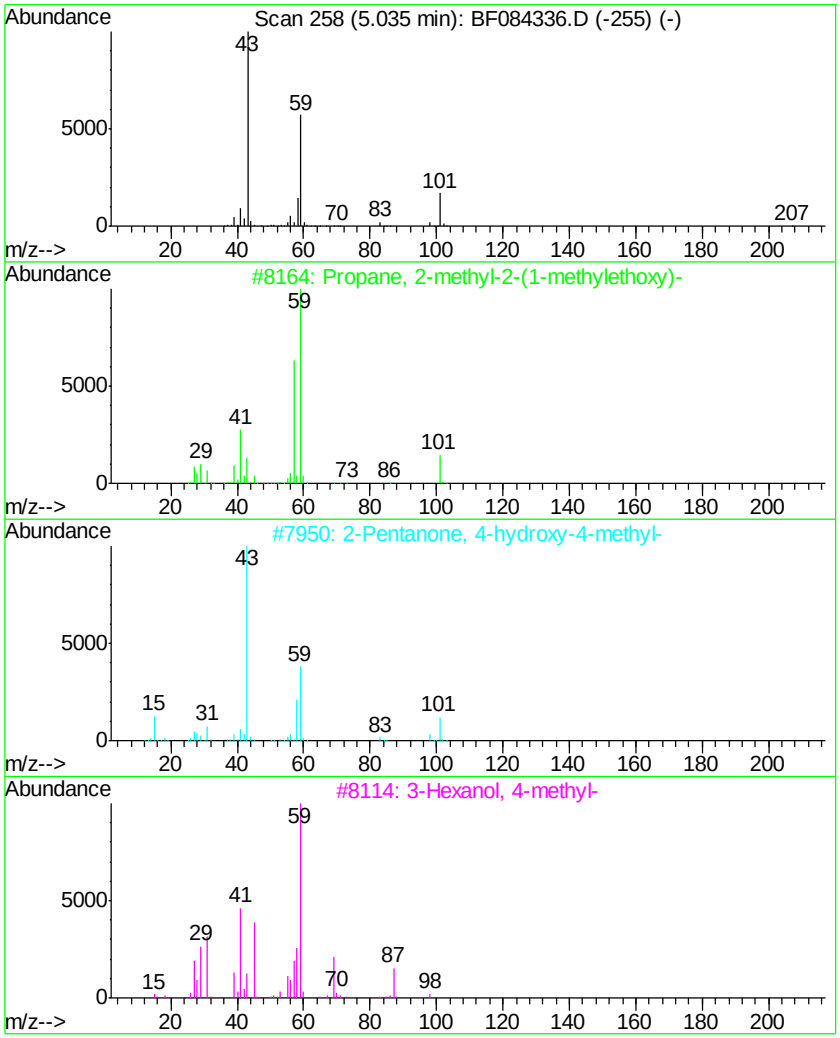
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

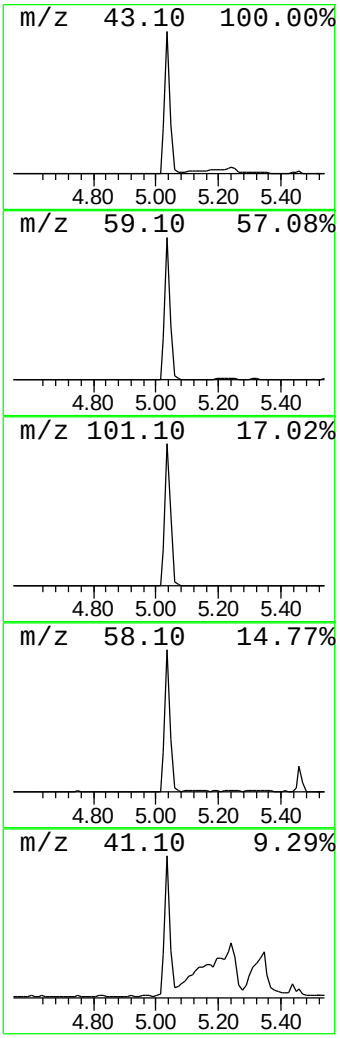
****

Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	23.26 ng	2122300	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

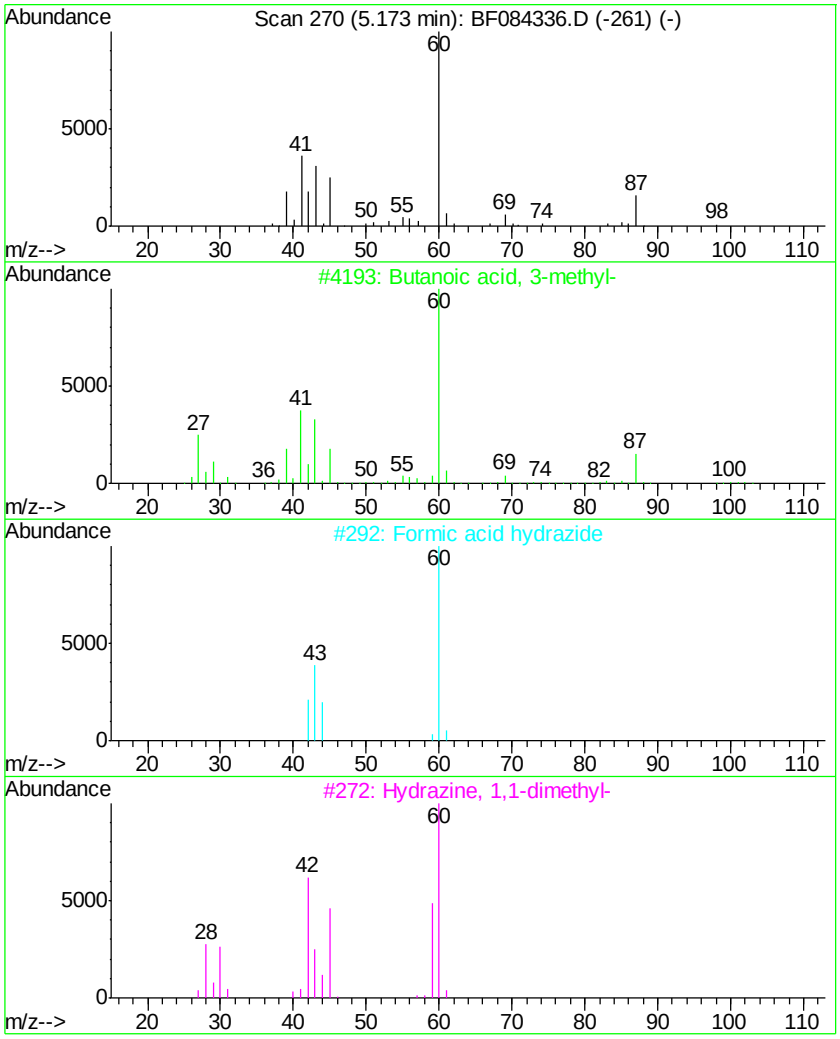
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

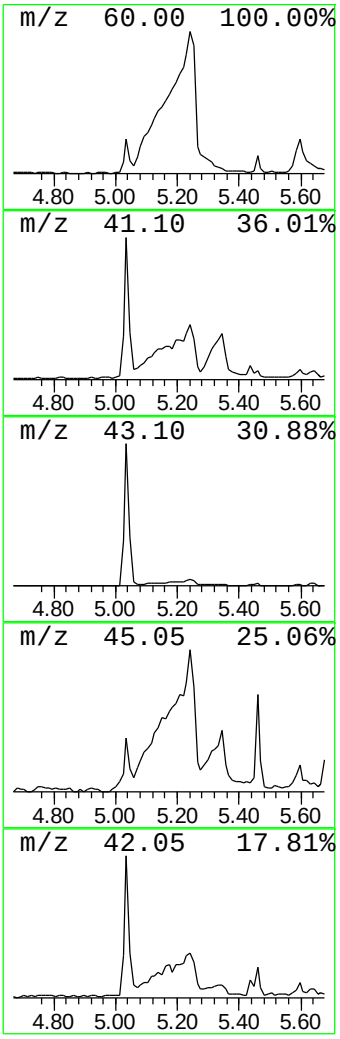
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	6.81 ng	621221	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Formic acid hydrazide	60	CH4N2O	000624-84-0	40
3	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
4	1-Pentanamine	87	C5H13N	000110-58-7	9
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
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Operator : SJ/UM
Sample : H1011-02
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Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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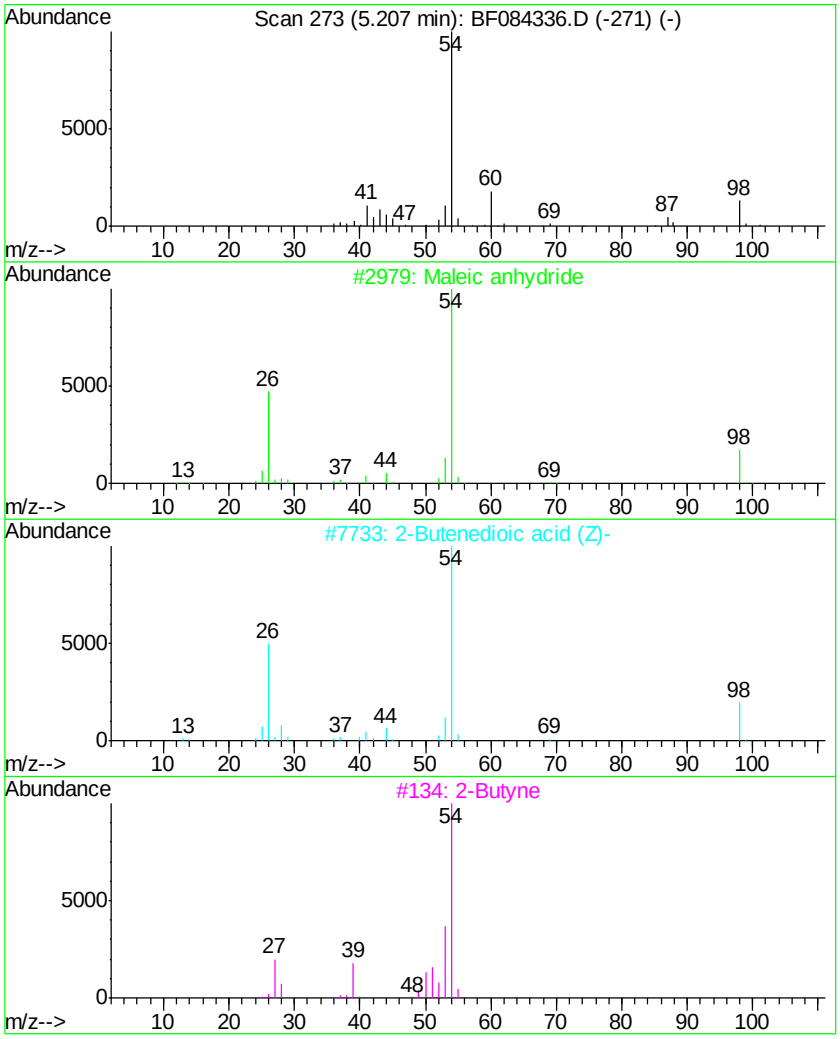
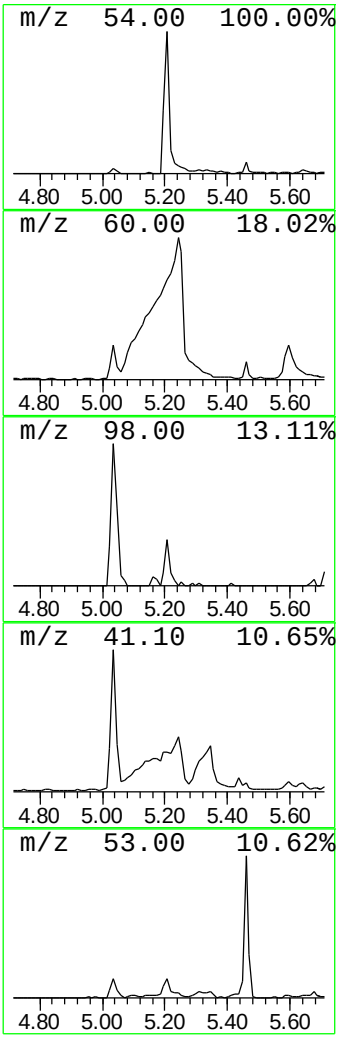
Peak Number 4 Maleic anhydride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	3.83 ng	349697	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maleic anhydride	98	C4H2O3	000108-31-6	90
2	2-Butenedioic acid (Z)-	116	C4H4O4	000110-16-7	64
3	2-Butyne	54	C4H6	000503-17-3	9
4	1-Butyne	54	C4H6	000107-00-6	5
5	Propanenitrile, 3-butoxy-	127	C7H13NO	006959-71-3	4





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Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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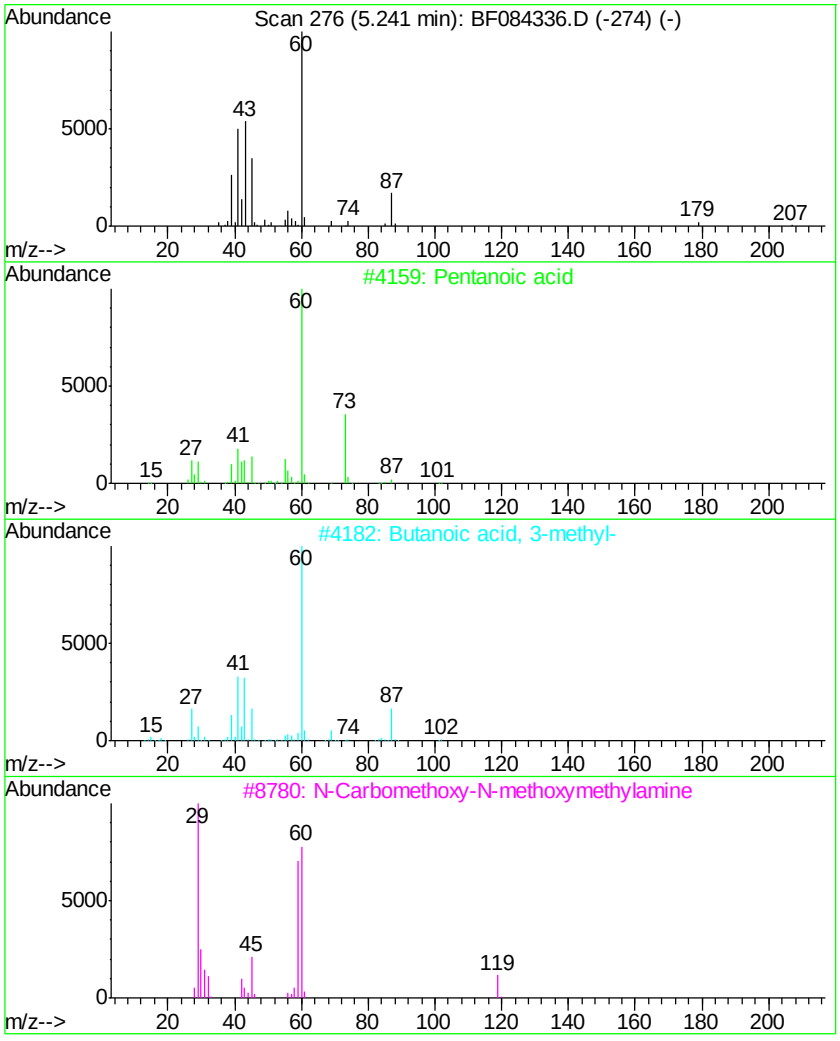
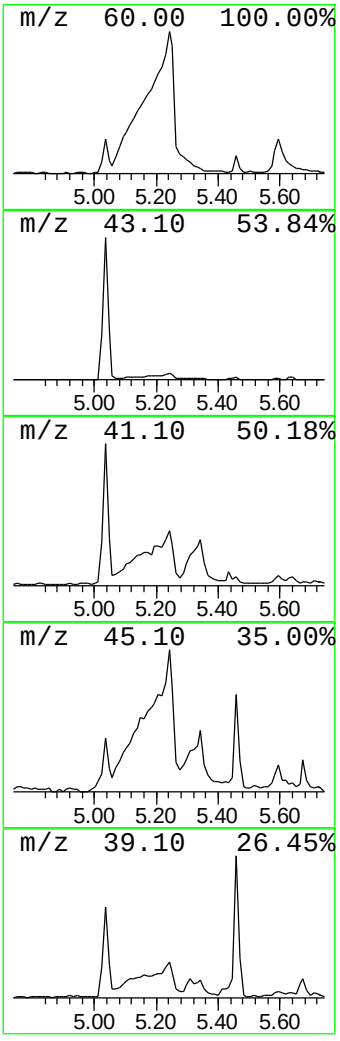
Peak Number 5 unknown5.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	4.65 ng	424711	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	45
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	39
3	N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	39
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	23
5	Acetic acid	60	C2H4O2	000064-19-7	9





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Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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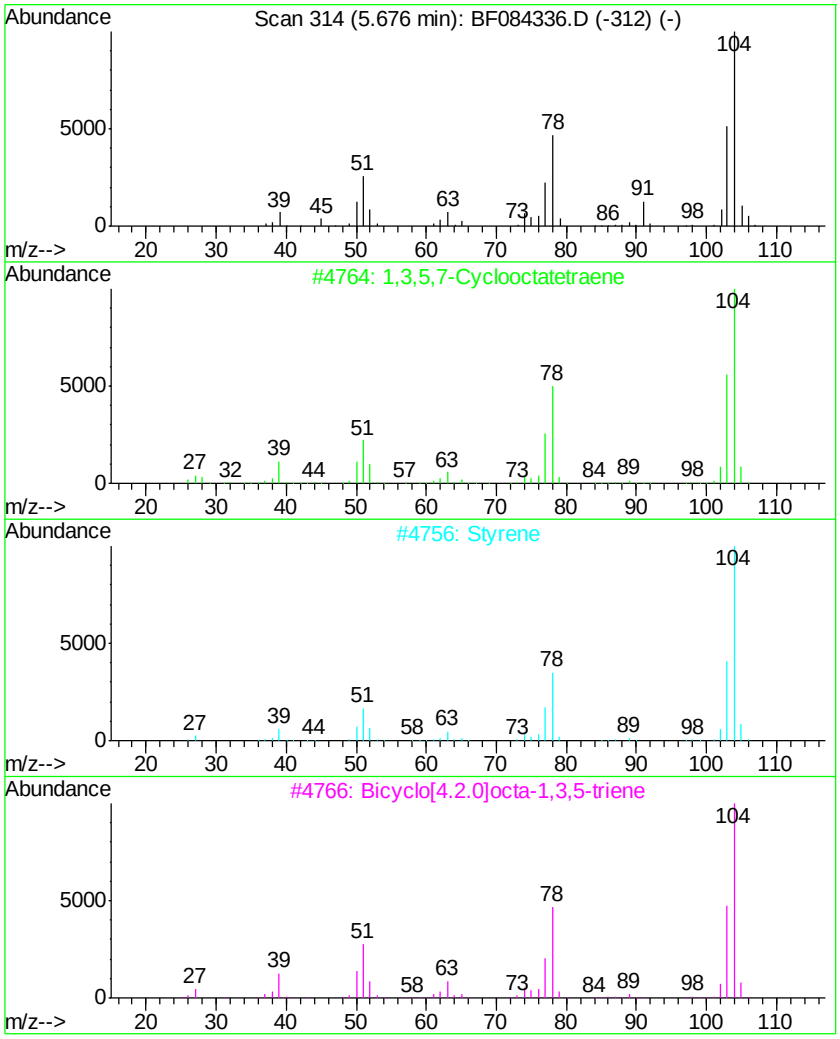
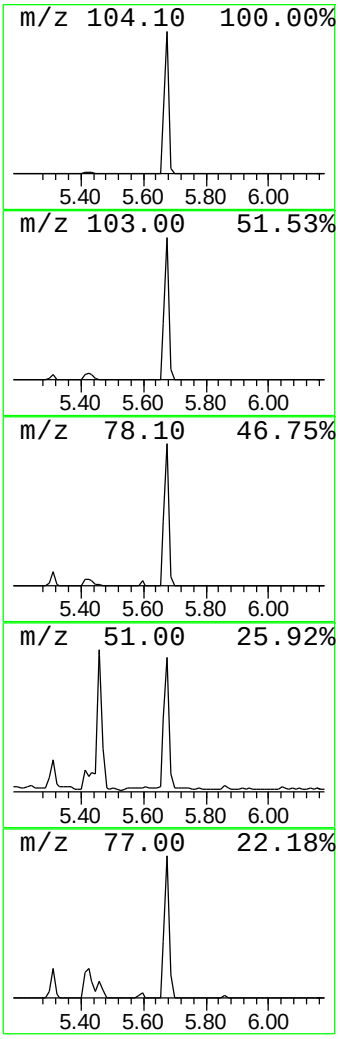
Peak Number 6 1,3,5,7-Cyclooctatetraene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	4.18 ng	381629	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
2	Styrene	104	C8H8	000100-42-5	95
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	93
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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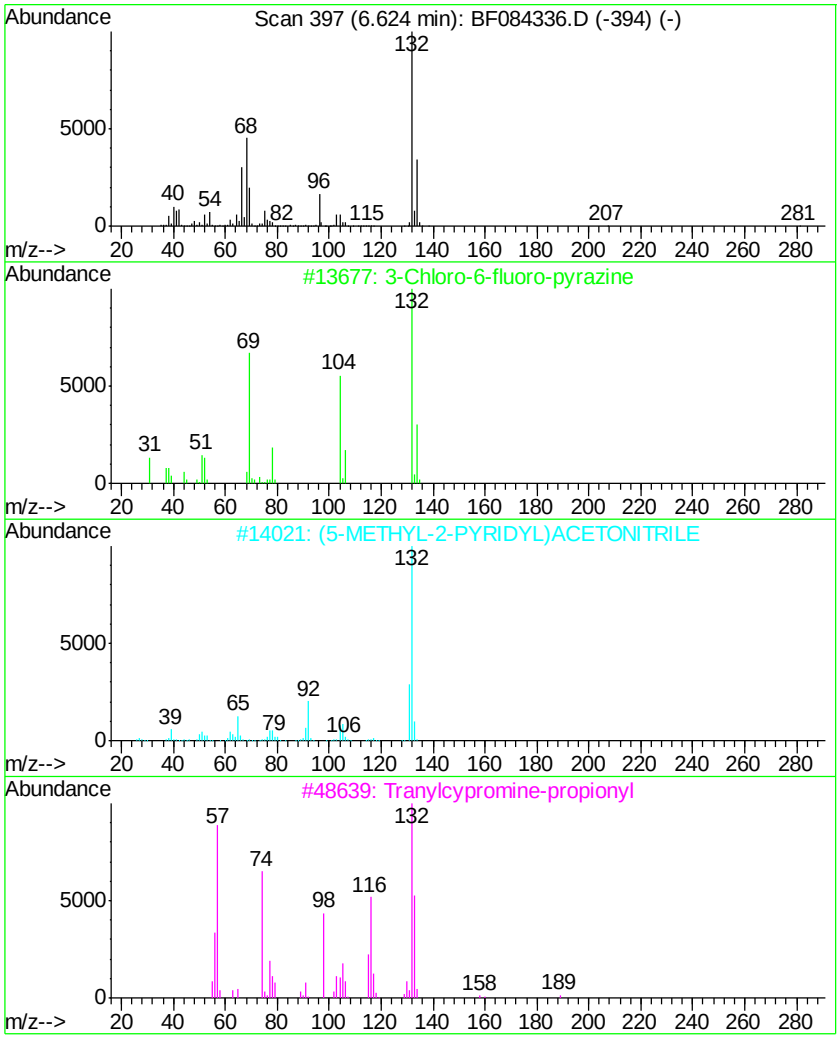
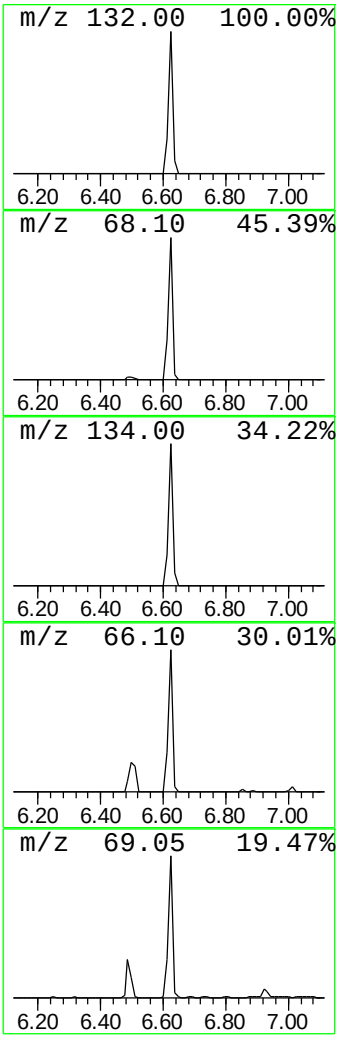
Peak Number 7 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	56.70 ng	5174190	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

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

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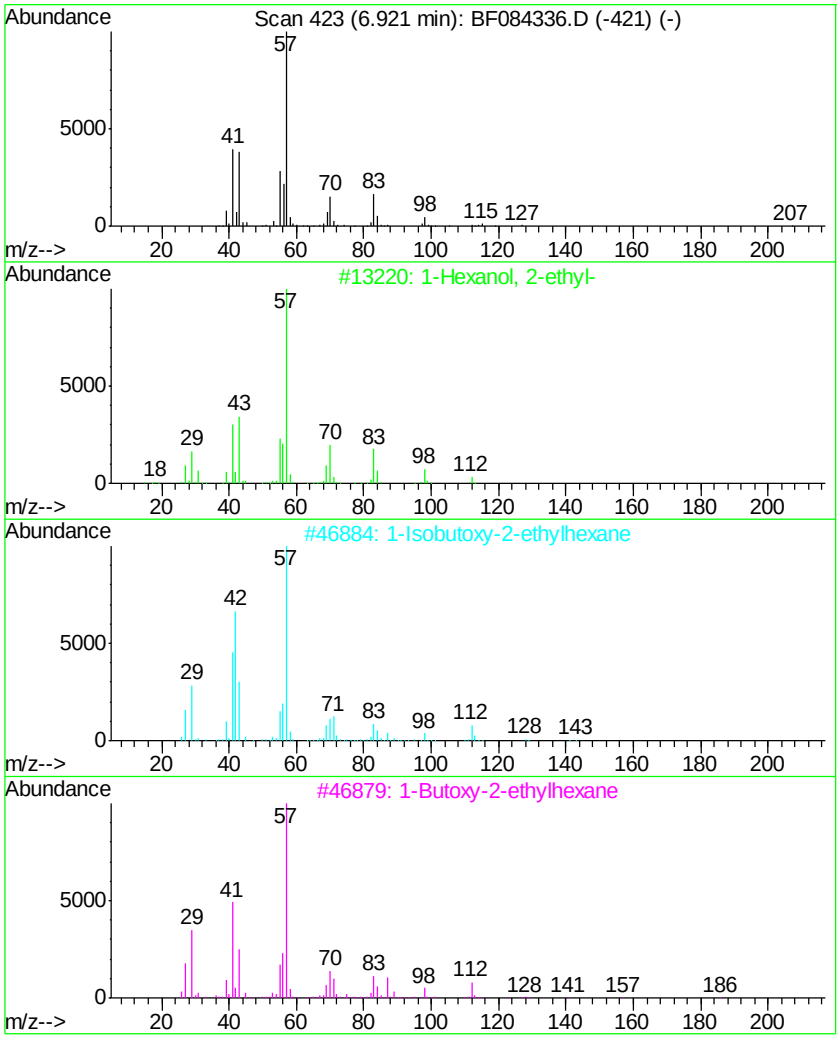
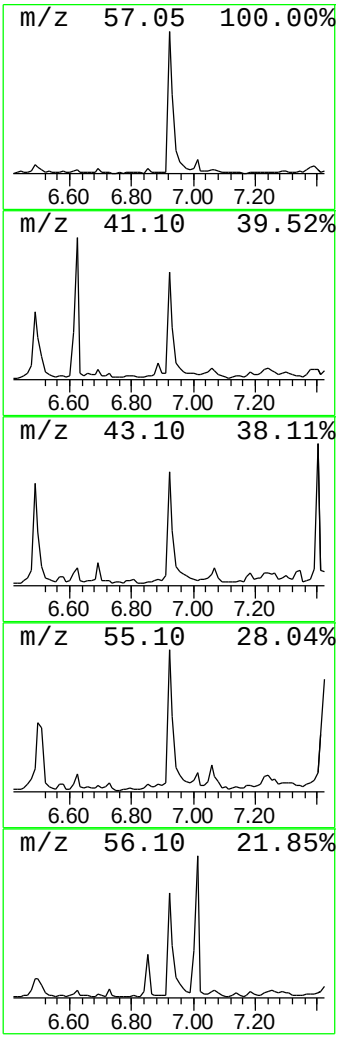
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	10.37 ng	946568	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	59
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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ClientSampleId : TEC-21

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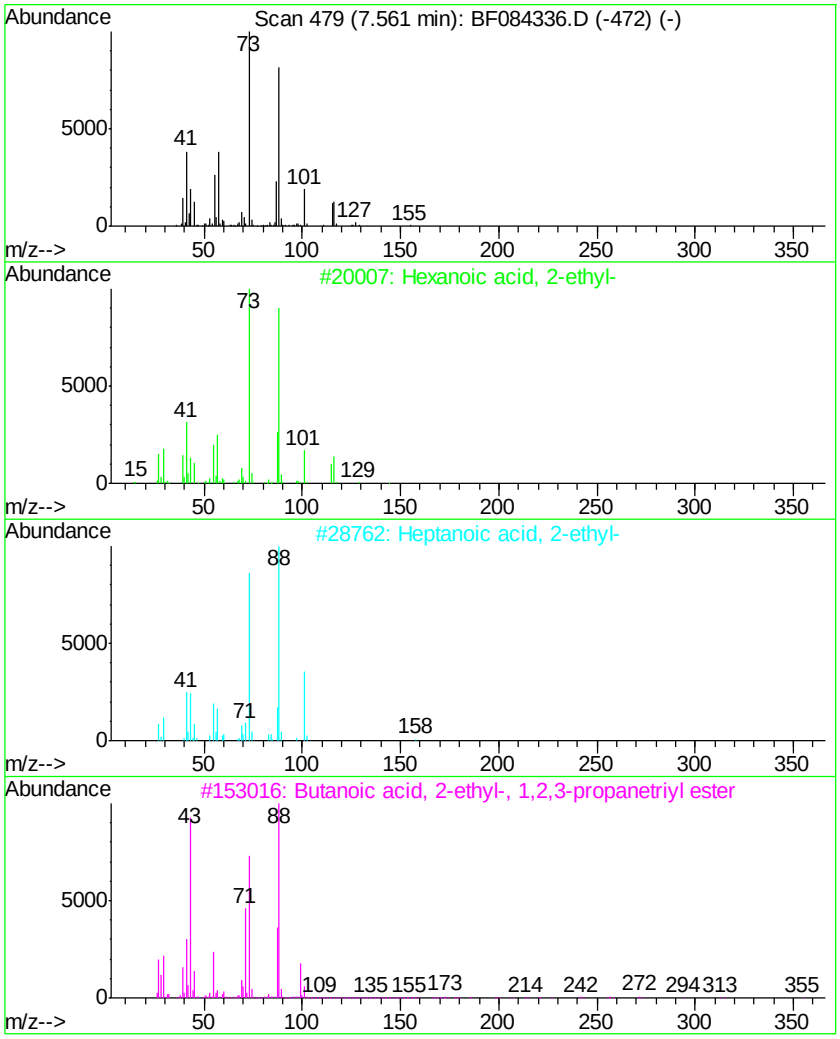
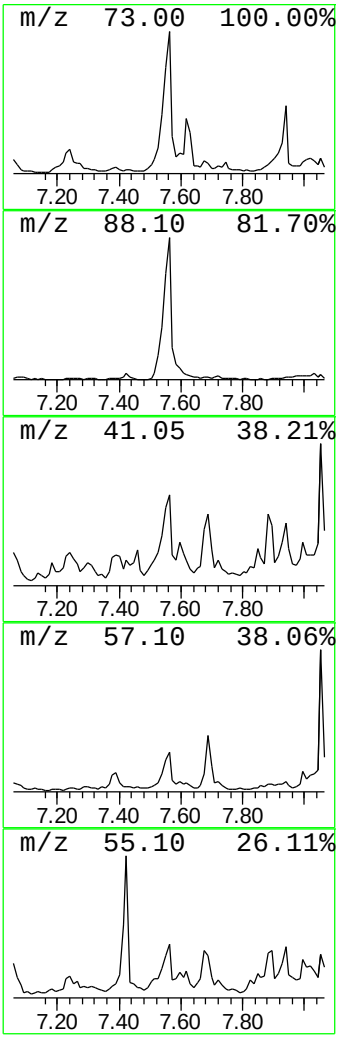
Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	4.89 ng	607214	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38





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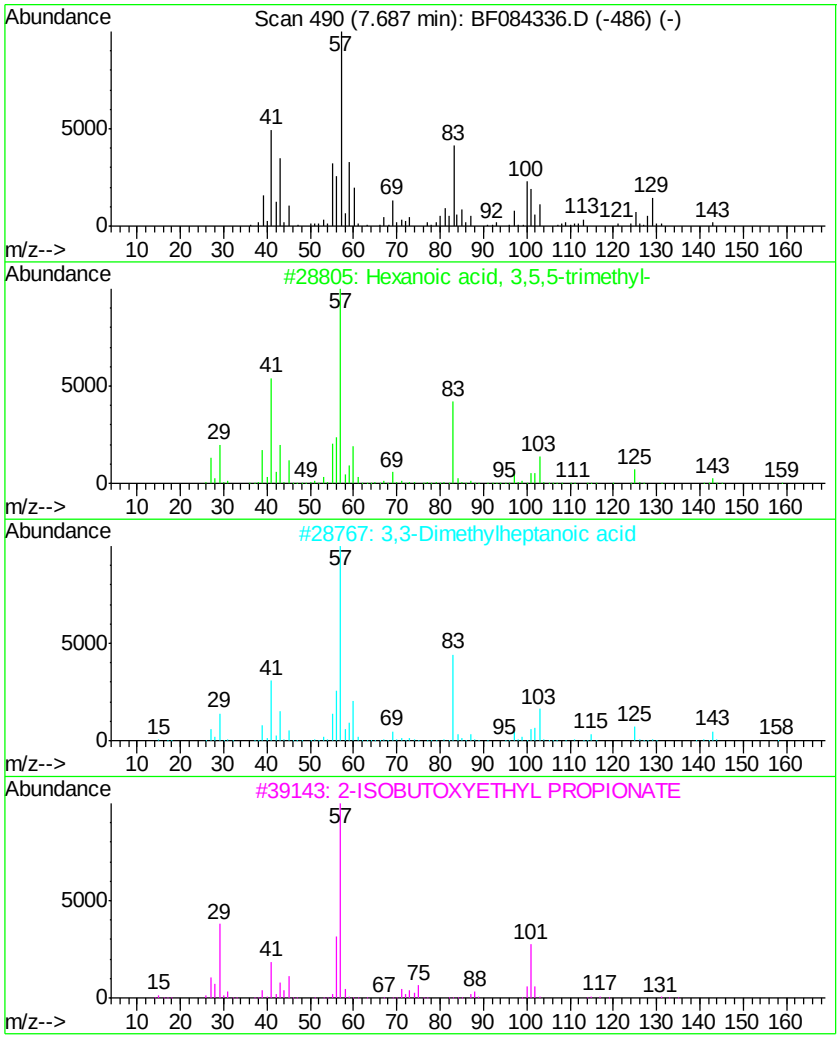
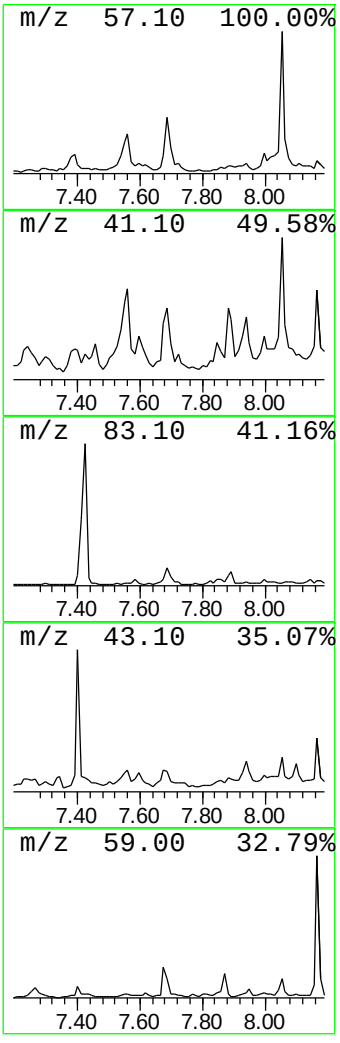
Peak Number 11 Hexanoic acid, 3,5,5-trimet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	4.12 ng	512103	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	52
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	47
3	2-ISOBUTOXYETHYL PROPIONATE	174	C9H18O3	1000234-06-3	22
4	Ethyl 3-methyl-3-nitrobutanoate	175	C7H13NO4	052856-07-2	16
5	Heptane, 3-[(1,1-dimethylethoxy)...	186	C12H26O	083704-03-4	12





Library Search Compound Report

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Sample : H1011-02
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ClientSampleId : TEC-21

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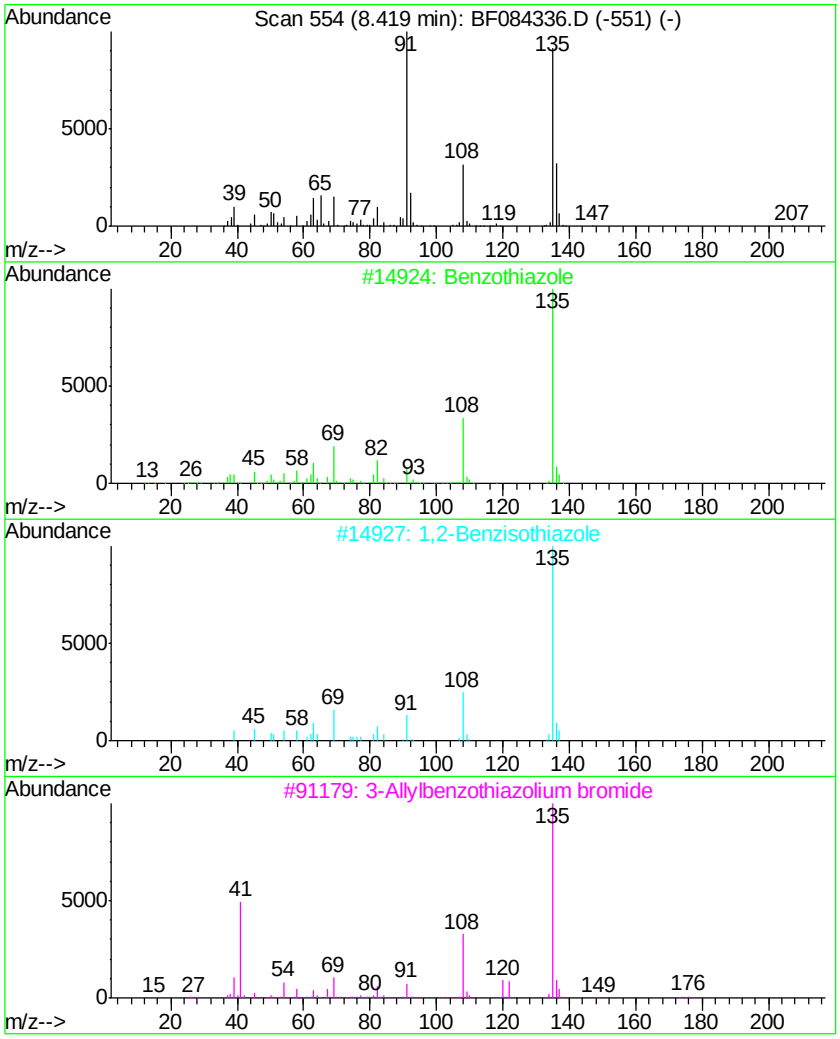
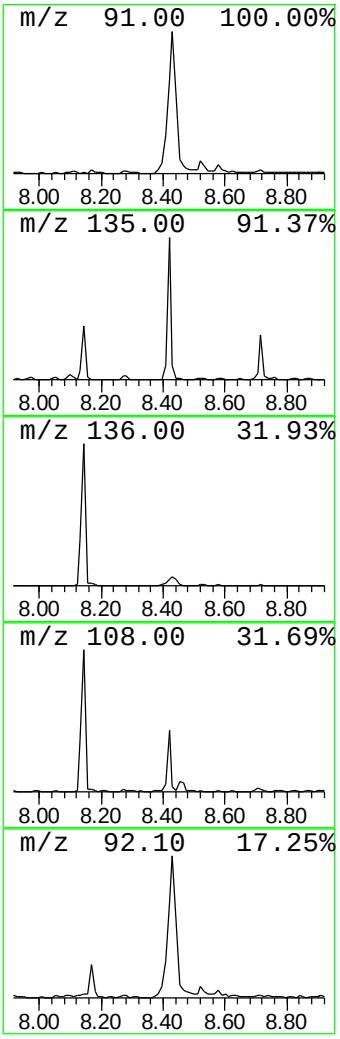
Peak Number 12 Benzothiazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	14.99 ng	1862650	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	92
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	64
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	53
4	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	52
5	Propanal, 2-(phenylmethoxy)-	164	C10H12O2	053346-05-7	50





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Sample : H1011-02
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ALS Vial : 11 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

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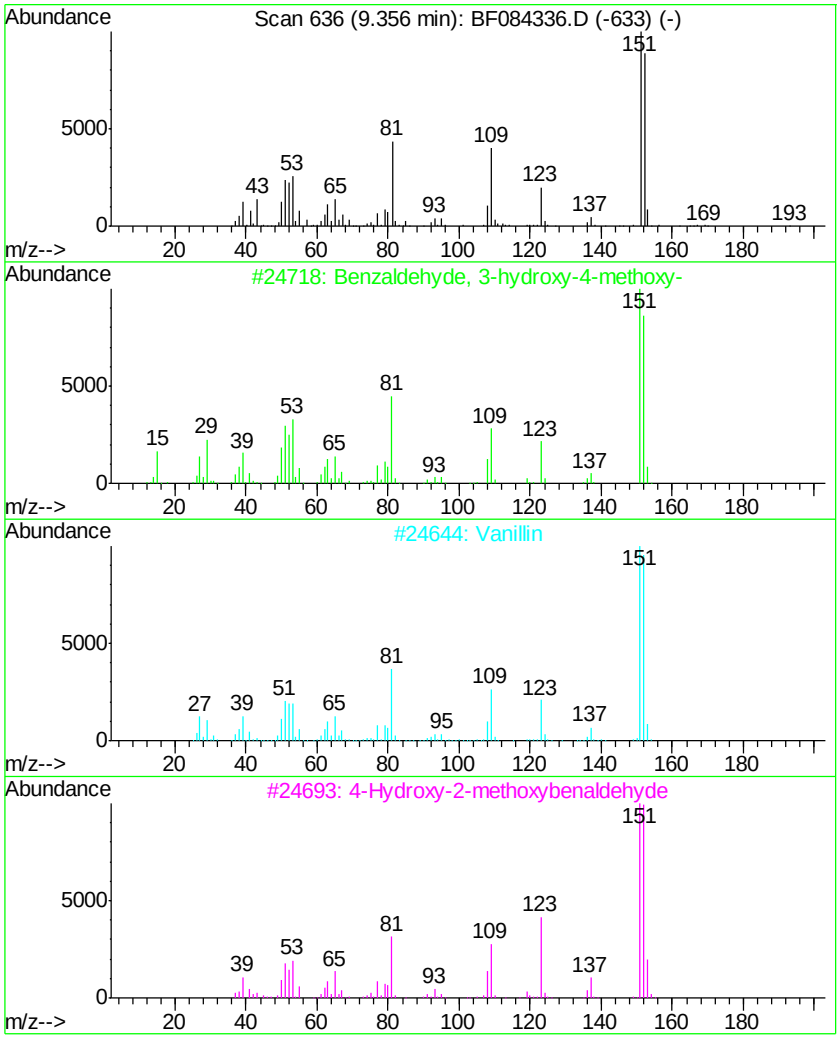
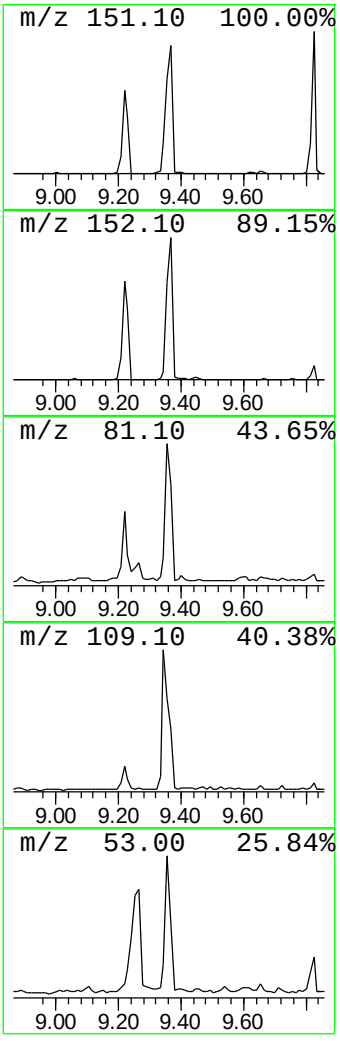
Peak Number 13 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	13.47 ng	1896220	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
2	Vanillin	152	C8H8O3	000121-33-5	93
3	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	80
4	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	52
5	7-Methyl-7H-pyrazolo(3,4-d)-v-tr...	151	C5H5N5O	018213-76-8	46





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ClientSampleId : TEC-21

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TIC Integration Parameters: LSCINT.P

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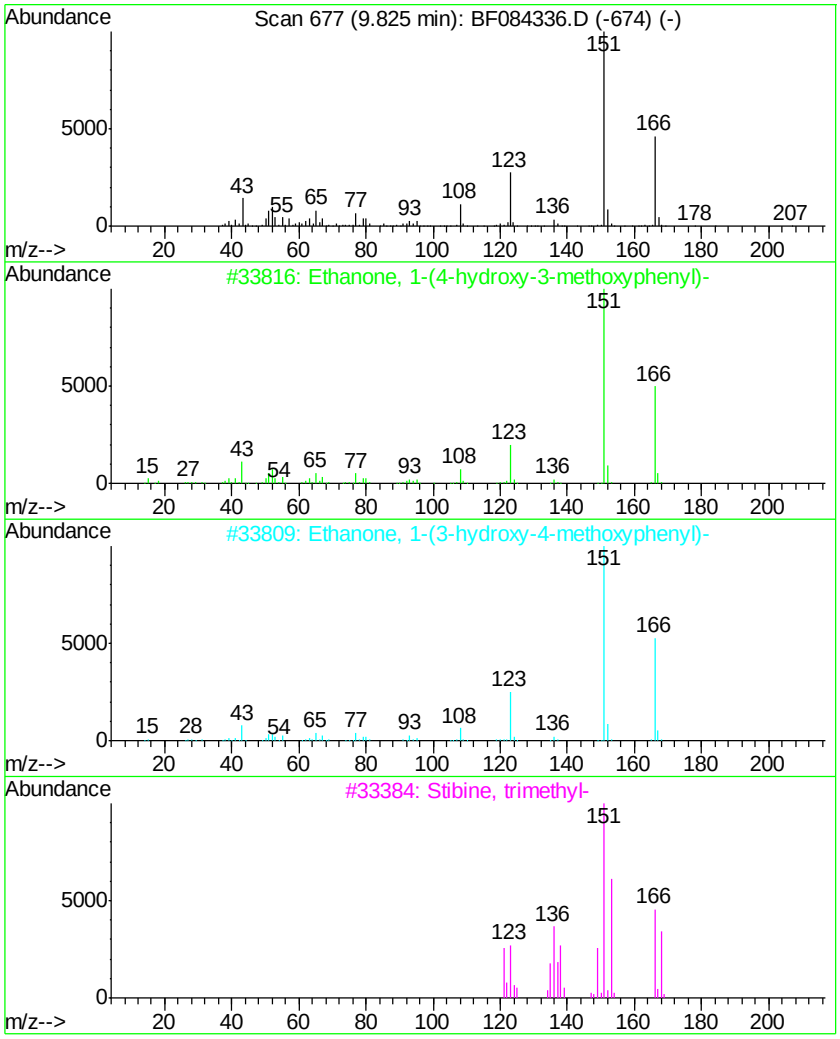
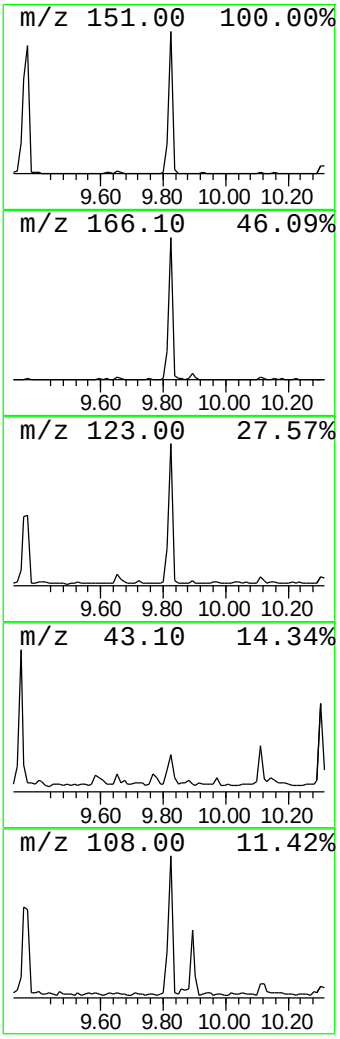
Peak Number 14 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.96 ng	839173	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	95
2	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	91
3	Stibine, trimethyl-	166	C3H9Sb	000594-10-5	83
4	Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	80
5	Ethanone, 1-(2-hydroxy-6-methoxy...	166	C9H10O3	000703-23-1	72





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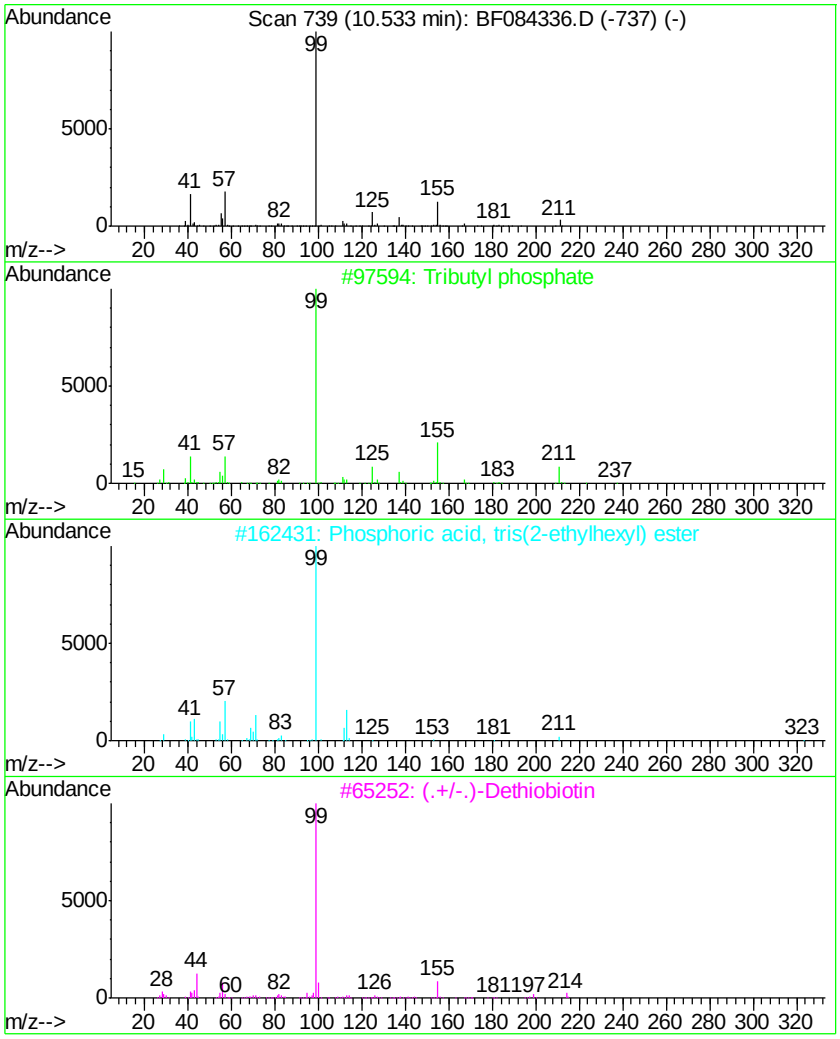
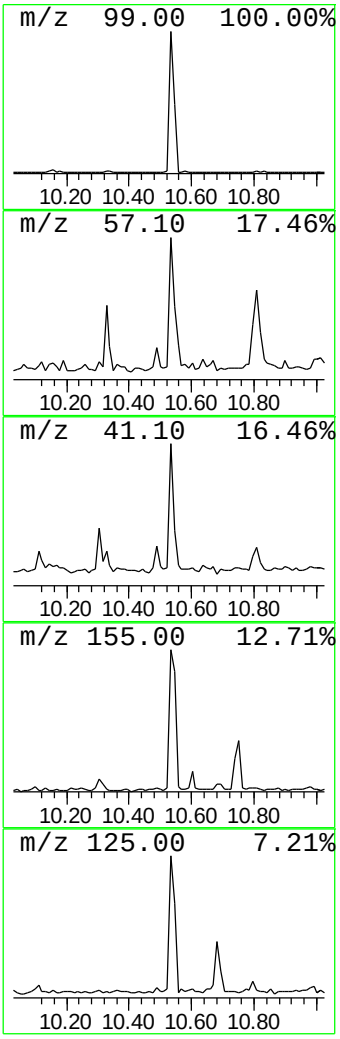
Peak Number 15 Tributyl phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	6.19 ng	871256	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	38
3	(.+/-.)-Dethiobiotin	214	C10H18N2O3	000636-20-4	38
4	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	33
5	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	25





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ClientSampleId : TEC-21

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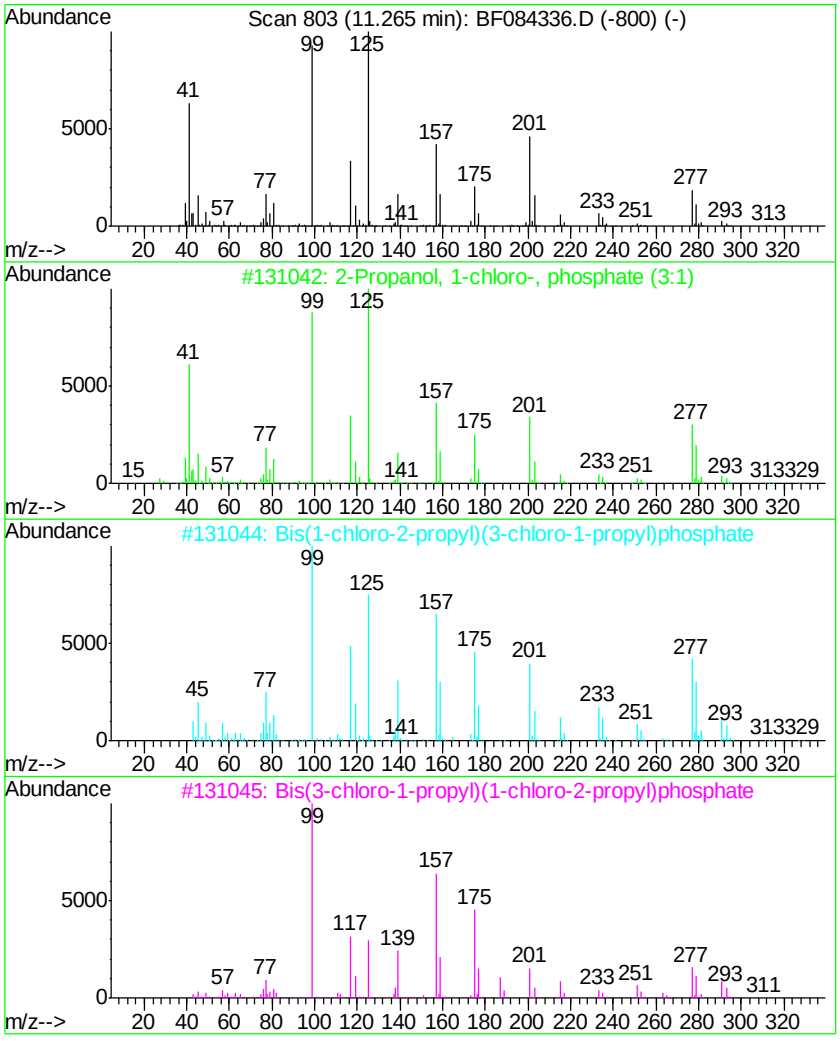
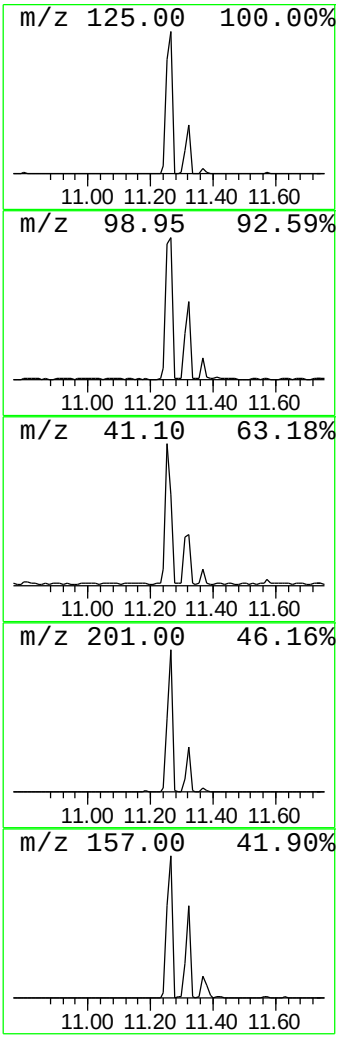
Peak Number 16 2-Propanol, 1-chloro-, phos... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	35.54 ng	5065490	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	64
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	28
4	DL-Alloisoleucine, N-acetyl-	173	C8H15NO3	033601-90-0	9
5	2,2-Dimethyl-3-methoxy-cycloprop...	158	C8H14O3	344746-96-9	9





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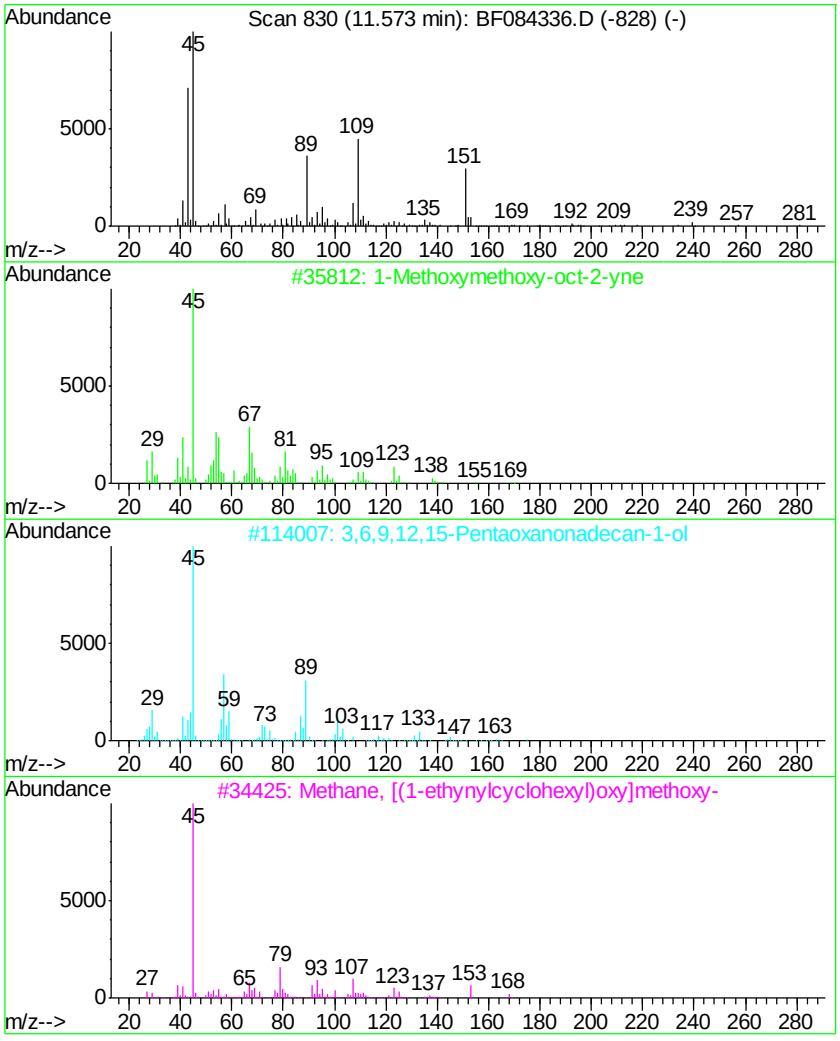
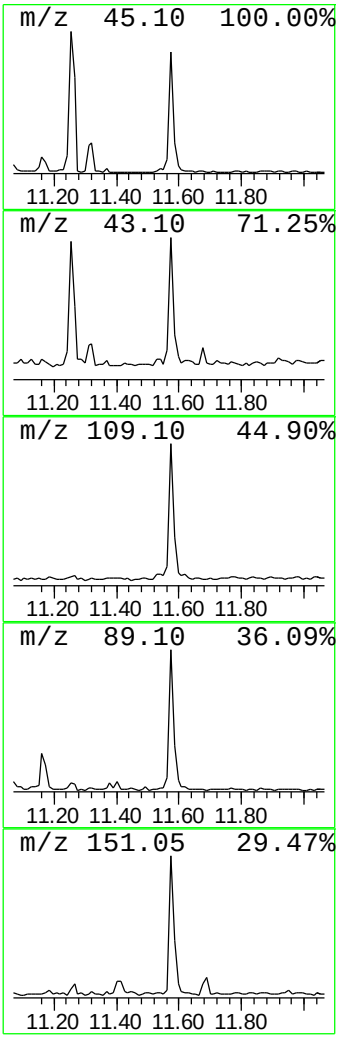
Peak Number 18 unknown11.57 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.83 ng	687697	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxymethoxy-oct-2-yne	170	C10H18O2	161979-92-6	38
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	32
3	Methane, [(1-ethynylcyclohexyl)o...	168	C10H16O2	005609-21-2	32
4	Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	32
5	2-Pentadecanol	228	C15H32O	001653-34-5	27





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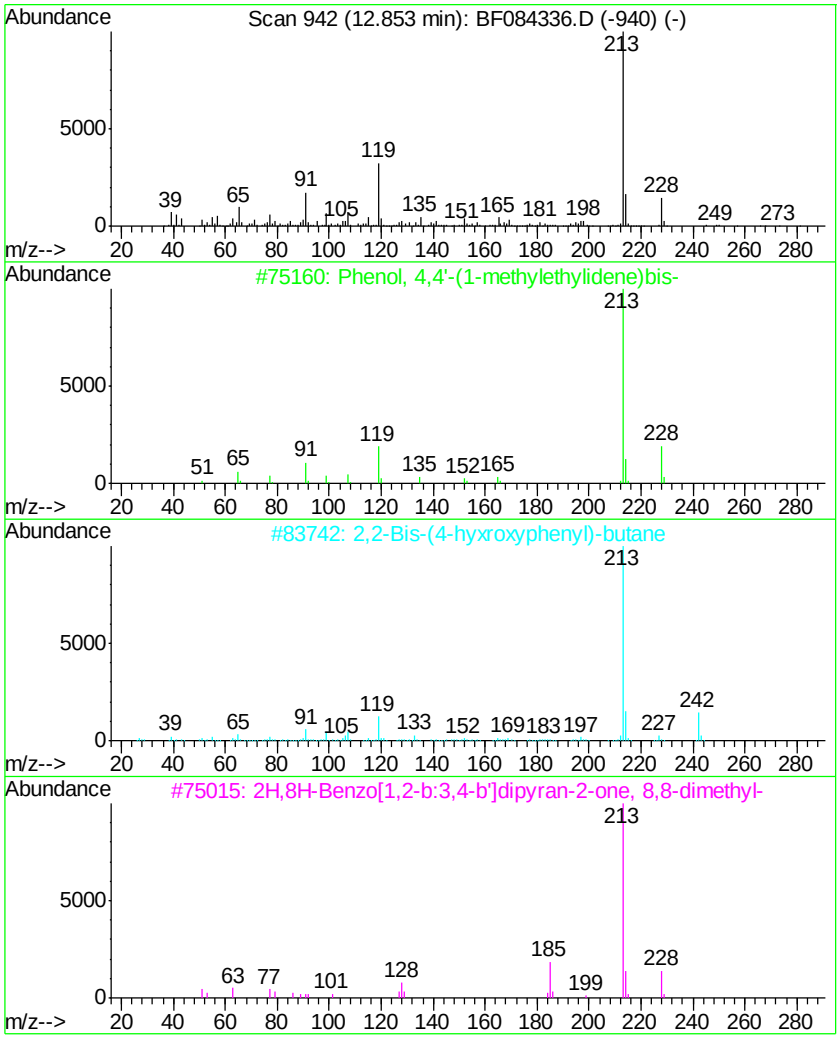
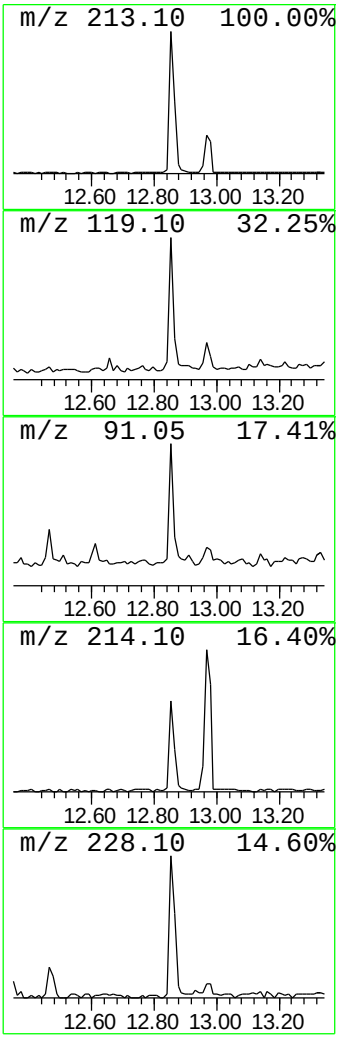
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	6.04 ng	589244	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	56
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4	3-Dibenzofuranamine, 2-methoxy-	213	C13H11NO2	005834-17-3	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50





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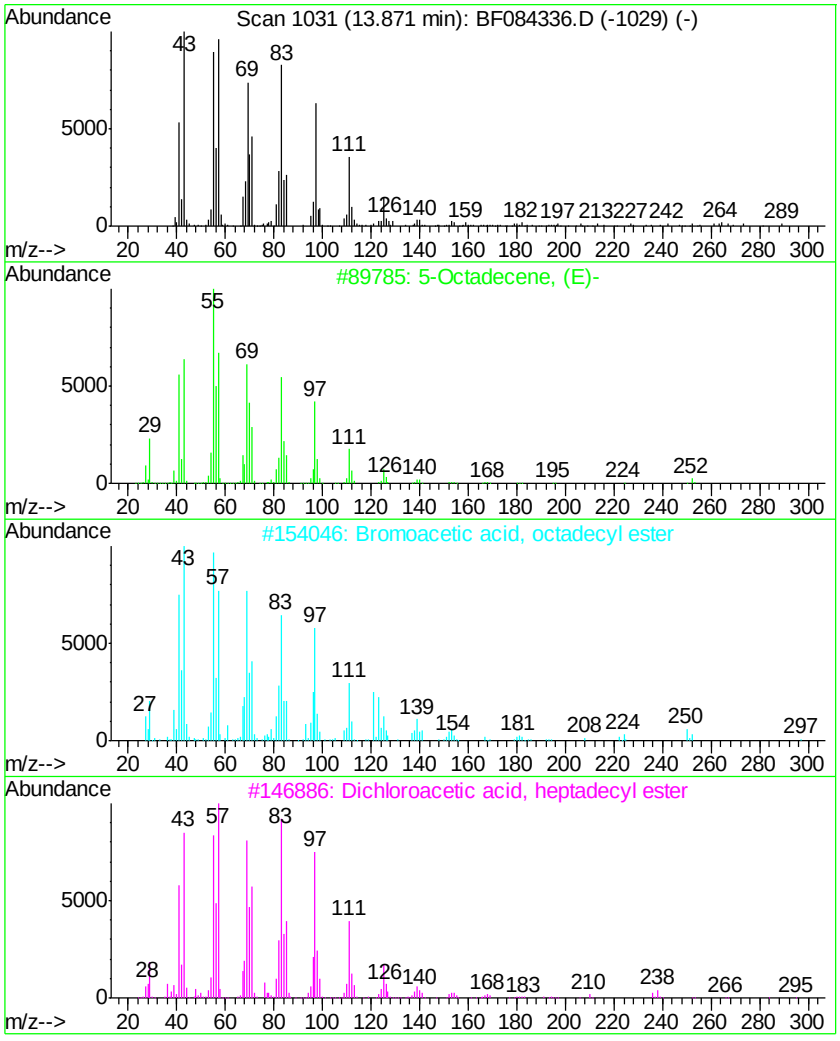
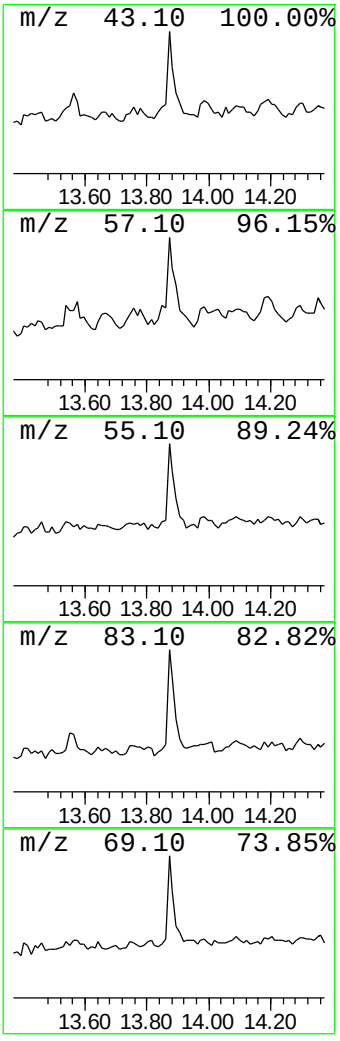
Peak Number 20 5-Octadecene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.38 ng	524962	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084336.D
Acq On : 8 Jan 2016 19:06
Operator : SJ/UM
Sample : H1011-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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-Pentanol, 4-met...	3.70	3.7	ng	341003	1	6.85	1824990	20.0
Propane, 2-methyl...	5.04	23.3	ng	2122300	1	6.85	1824990	20.0
Butanoic acid, 3-...	5.17	6.8	ng	621221	1	6.85	1824990	20.0
Maleic anhydride	5.21	3.8	ng	349697	1	6.85	1824990	20.0
unknown5.24	5.24	4.7	ng	424711	1	6.85	1824990	20.0
1,3,5,7-Cycloocta...	5.68	4.2	ng	381629	1	6.85	1824990	20.0
unknown6.62	6.62	56.7	ng	5174190	1	6.85	1824990	20.0
1-Hexanol, 2-ethyl-	6.92	10.4	ng	946568	1	6.85	1824990	20.0
Hexanoic acid, 2-...	7.56	4.9	ng	607214	2	8.14	2485290	20.0
Hexanoic acid, 3,...	7.69	4.1	ng	512103	2	8.14	2485290	20.0
Benzothiazole	8.42	15.0	ng	1862650	2	8.14	2485290	20.0
Benzaldehyde, 3-h...	9.36	13.5	ng	1896220	3	9.89	2815890	20.0
Ethanone, 1-(4-hy...	9.82	6.0	ng	839173	3	9.89	2815890	20.0
Tributyl phosphate	10.53	6.2	ng	871256	3	9.89	2815890	20.0
2-Propanol, 1-chl...	11.26	35.5	ng	5065490	4	11.38	2850460	20.0
unknown11.57	11.57	4.8	ng	687697	4	11.38	2850460	20.0
Phenol, 4,4'-(1-m...	12.85	6.0	ng	589244	5	14.02	1952230	20.0
5-Octadecene, (E)-	13.87	5.4	ng	524962	5	14.02	1952230	20.0