LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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	2.636	45	48	52	rVB	73821	121568	1.37%	0.149%
2	3.081	80	87	89	rBV	433501	1327391	14.99%	1.625%
3	3.116	89	90	103	rVB4	50743	129792	1.47%	0.159%
4	3.516	119	125	129	rBV	36095	103312	1.17%	0.126%
5	3.630	132	135	139	rVB3	51792	104537	1.18%	0.128%
6	4.247	186	189	193	rVB	411865	556226	6.28%	0.681%
7	4.933	245	249	251	rBV	2354407	2944846	33.25%	3.605%
8	5.104	251	264	265	rVV	143557	714427	8.07%	0.875%
9	5.150	266	268	270	rVV	172466	260836	2.94%	0.319%
10	5.196	270	272	274	rVV	123780	206379	2.33%	0.253%
11	5.253	274	277	280	rVV	117076	252941	2.86%	0.310%
12	5.310	280	282	284	rVV	96259	149681	1.69%	0.183%
13	5.356	284	286	289	rVB	2388880	2854436	32.23%	3.494%
14	5.504	295	299	301	rBV	47424	110433	1.25%	0.135%
15	5.562	303	304	307	rVB2	188732	285495	3.22%	0.349%
16	5.699	315	316	320	rVB	111869	111789	1.26%	0.137%
17	5.767	320	322	324	rBV	274542	336312	3.80%	0.412%
18	6.064	346	348	350	rBV	88728	92270	1.04%	0.113%
19	6.396	375	377	383	rVB2	1615556	2947142	33.27%	3.607%
20	6.533	386	389	391	rVV	3445158	4535773	51.21%	5.552%
21	6.602	393	395	400	rVB	348668	386101	4.36%	0.473%
22	6.762	406	409	410	rBV	1180297	1428666	16.13%	1.749%
23	6.830	413	415	420	rVV	345633	491567	5.55%	0.602%
24	6.910	420	422	425	rVV	4128219	5691790	64.26%	6.967%
25	6.979	425	428	430	rVV3	58415	103156	1.16%	0.126%
26	7.116	436	440	441	rBV4	46843	117054	1.32%	0.143%
27	7.185	441	446	450	rVB3	97609	244419	2.76%	0.299%
28	7.333	455	459	461	rVV	4063054	5693185	64.27%	6.969%
29	7.470	464	471	472	rBV	212136	480158	5.42%	0.588%
30	7.505	472	474	476	rVV	226423	283883	3.20%	0.347%
31	7.596	478	482	487	rVB3	105278	218475	2.47%	0.267%
32	7.756	494	496	497	rVV	98451	143824	1.62%	0.176%
33	7.790	497	499	500	rVV2	374704	521166	5.88%	0.638%
34	7.836	500	503	506	rVV	582210	987313	11.15%	1.209%

LSC Area Percent Report

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Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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	7.905	508	509	512	rVV3	81846	127711	1.44%	0.156%
36	7.962	512	514	517	rVV2	127868	203104	2.29%	0.249%
37	8.042	519	521	523	rVV	1953040	2109962	23.82%	2.583%
38	8.076	523	524	526	rVV	433736	342088	3.86%	0.419%
39	8.179	530	533	534	rVV2	131411	227457	2.57%	0.278%
40	8.202	534	535	538	rVV3	81318	137913	1.56%	0.169%
41	8.282	539	542	543	rVV	91464	138817	1.57%	0.170%
42	8.328	543	546	552	rVV3	576380	1733807	19.57%	2.122%
43	8.430	552	555	558	rVV3	151480	272063	3.07%	0.333%
44	8.488	558	560	563	rVV2	125109	191305	2.16%	0.234%
45	8.625	567	572	577	rBV2	112326	236290	2.67%	0.289%
46	8.853	589	592	595	rVB	117954	155850	1.76%	0.191%
47	9.002	601	605	609	rBV4	89538	233426	2.64%	0.286%
48	9.128	613	616	617	rBV	7969614	8857752	100.00%	10.842%
49	9.173	617	620	623	rVV	2580291	5112071	57.71%	6.258%
50	9.265	625	628	631	rVV2	921788	1418572	16.02%	1.736%
51	9.322	631	633	635	rVB2	80282	97979	1.11%	0.120%
52	9.505	646	649	652	rBV3	116680	262827	2.97%	0.322%
53	9.562	652	654	658	rVB3	178129	228027	2.57%	0.279%
54	9.733	666	669	671	rVB	439395	591030	6.67%	0.723%
55	9.802	672	675	677	rVV	2191349	2517590	28.42%	3.082%
56	10.019	692	694	696	rBV2	223549	251279	2.84%	0.308%
57	10.076	698	699	704	rVB	259646	288237	3.25%	0.353%
58	10.213	708	711	715	rBV4	212250	298295	3.37%	0.365%
59	10.396	724	727	730	rBV	122620	171765	1.94%	0.210%
60	10.453	730	732	734	rVB	264560	342018	3.86%	0.419%
61	10.591	739	744	746	rVV	3285314	4000468	45.16%	4.897%
62	10.648	747	749	751	rVV	172001	163774	1.85%	0.200%
63	10.705	751	754	759	rVB	204984	320923	3.62%	0.393%
64	10.888	767	770	774	rBV3	153329	256774	2.90%	0.314%
65	10.956	774	776	778	rVB2	77257	125369	1.42%	0.153%
66	11.071	784	786	789	rVB3	87431	164594	1.86%	0.201%
67	11.162	792	794	796	rBV2	220705	235238	2.66%	0.288%
68	11.276	802	804	807	rBV	2109477	2130407	24.05%	2.608%
69	11.482	819	822	829	rVB2	198124	355343	4.01%	0.435%
70	11.825	849	852	856	rBV2	375753	426263	4.81%	0.522%
71	11.882	856	857	861	rVV2	111985	141046	1.59%	0.173%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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

72	11.996	863	867	870	rVB3	70980	141213	1.59%	0.173%
73	12.511	910	912	915	rBV	158500	207089	2.34%	0.253%
74	12.602	918	920	923	rVB2	137012	198768	2.24%	0.243%
75	12.762	931	934	939	rVB	227346	376346	4.25%	0.461%
76	12.877	940	944	946	rBV	6013999	7526577	84.97%	9.213%
77	13.242	974	976	978	rVV2	73858	111700	1.26%	0.137%
78	13.357	982	986	989	rBV6	37608	106108	1.20%	0.130%
79	13.459	992	995	999	rVB3	64058	126586	1.43%	0.155%
80	13.779	1021	1023	1028	rVB3	65647	91869	1.04%	0.112%
81	13.917	1032	1035	1037	rVB	1487397	1712541	19.33%	2.096%
82	15.311	1154	1157	1159	rBV	1077667	1292326	14.59%	1.582%

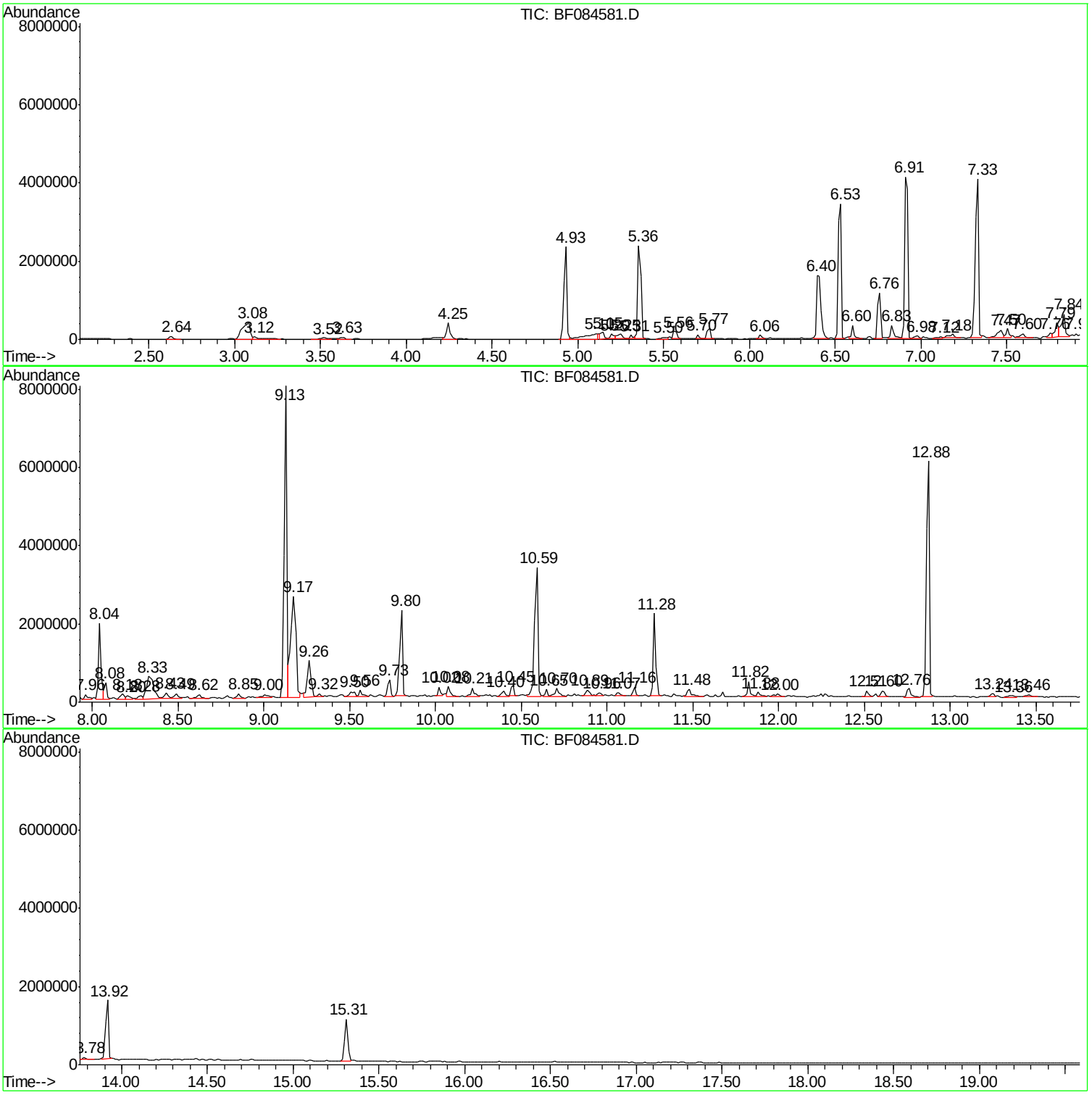
Sum of corrected areas: 81694900

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-23

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\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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

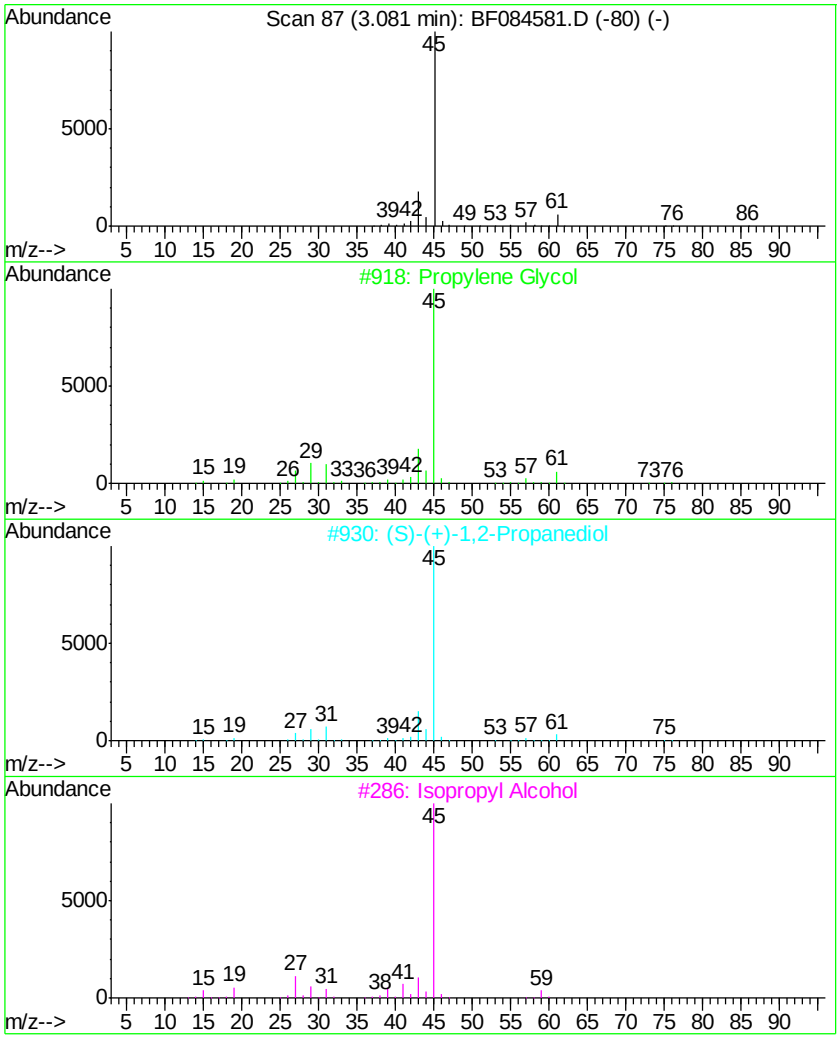
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

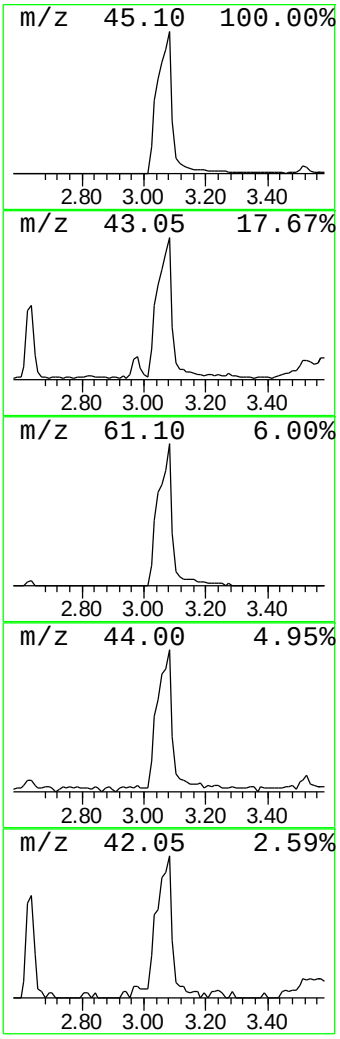
****

Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	18.58 ng	1327390	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
5	Formamide	45	CH3NO	000075-12-7	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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

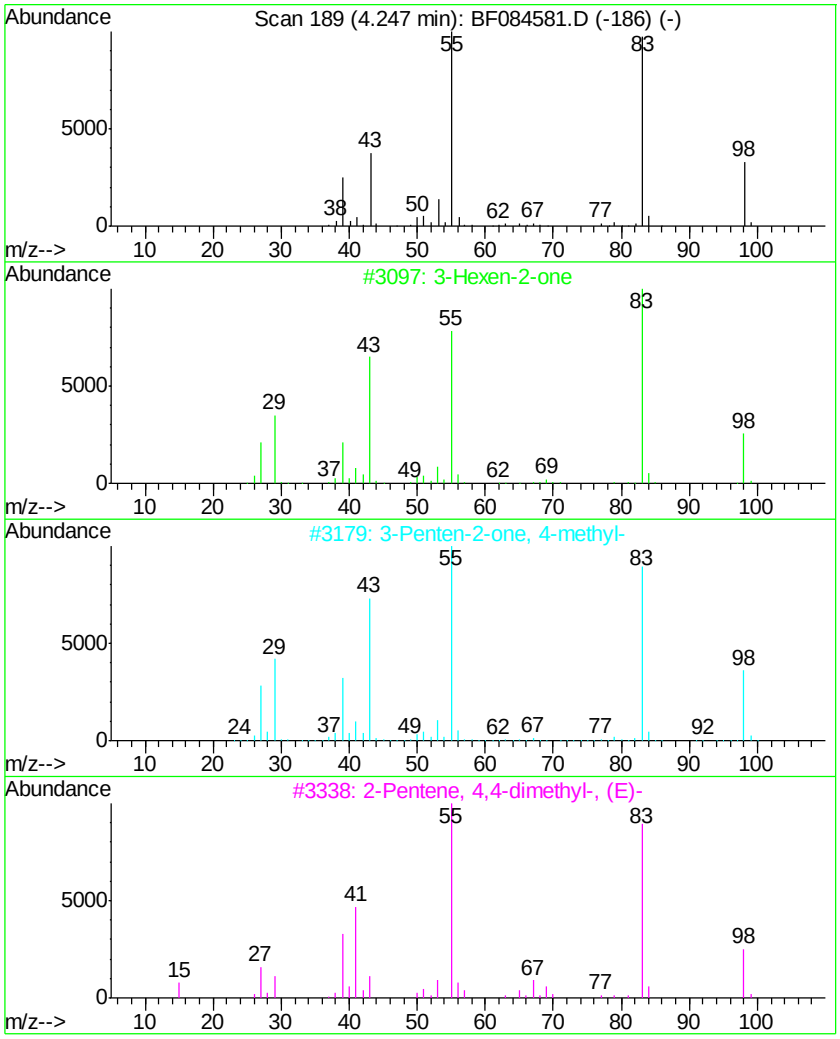
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

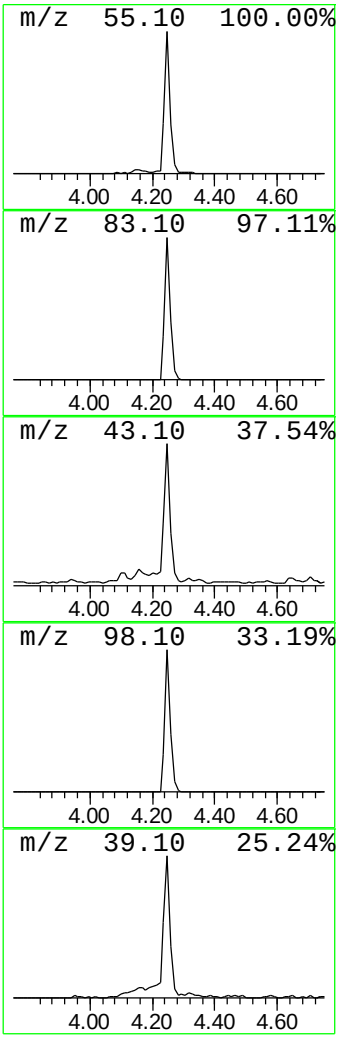
****

Peak Number 2 3-Hexen-2-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	7.79 ng	556226	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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

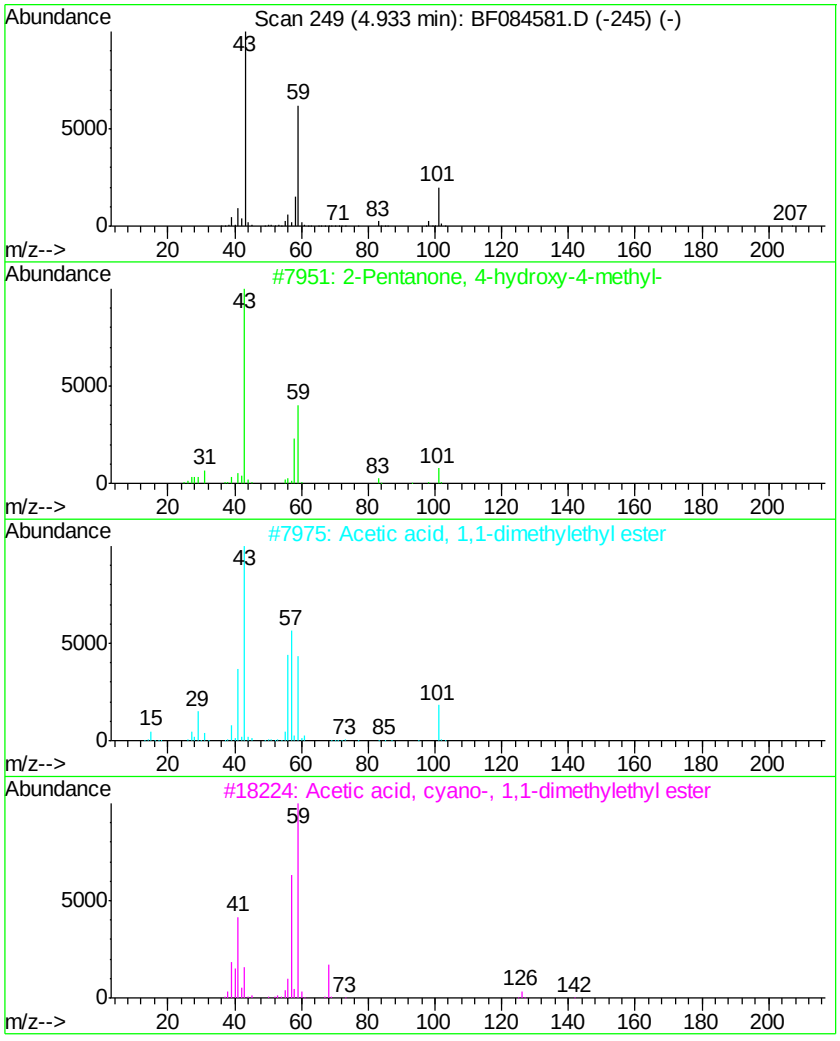
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

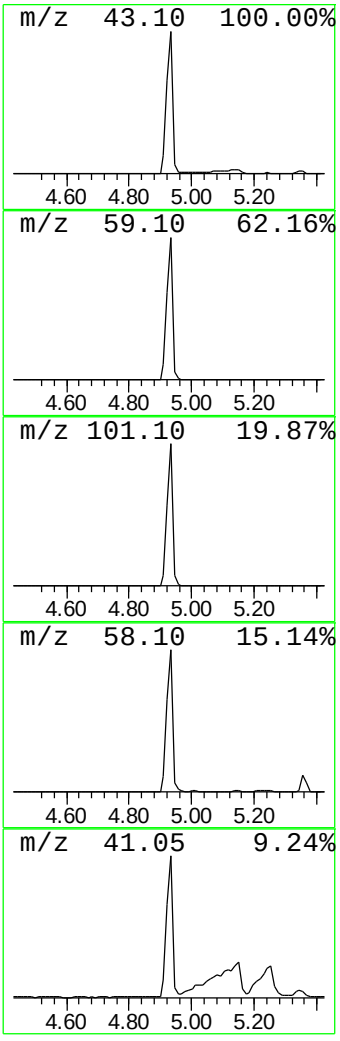
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	41.23 ng	2944850	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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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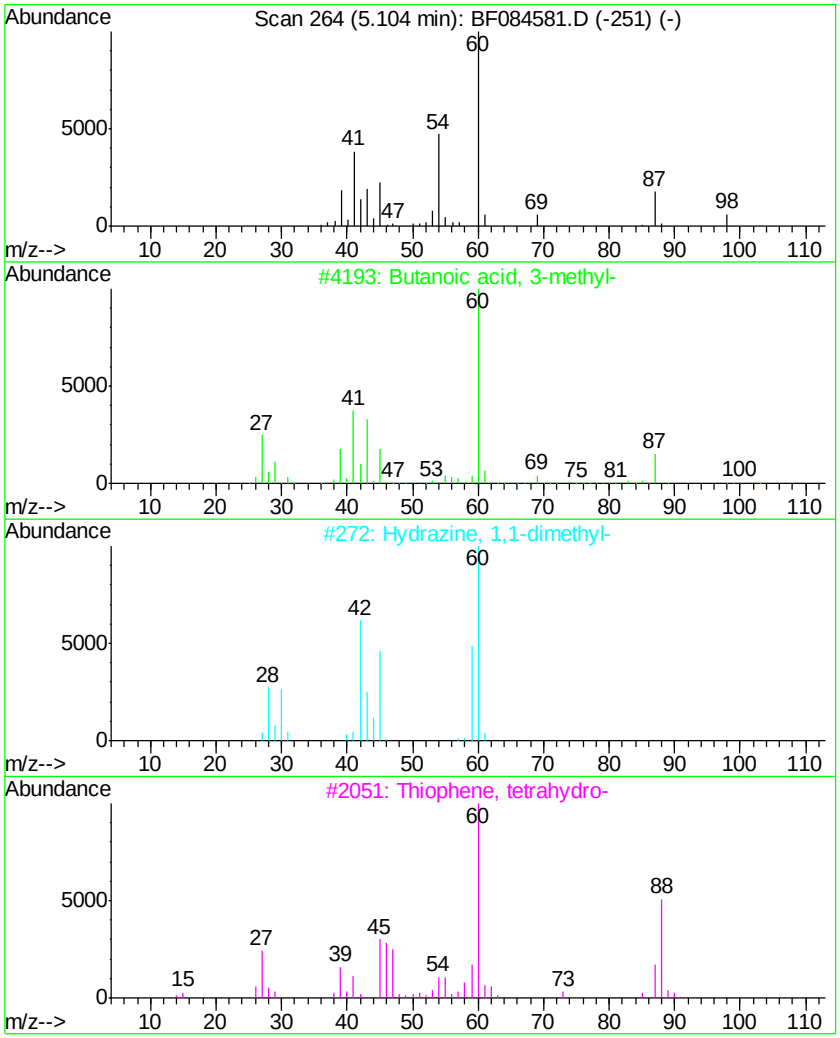
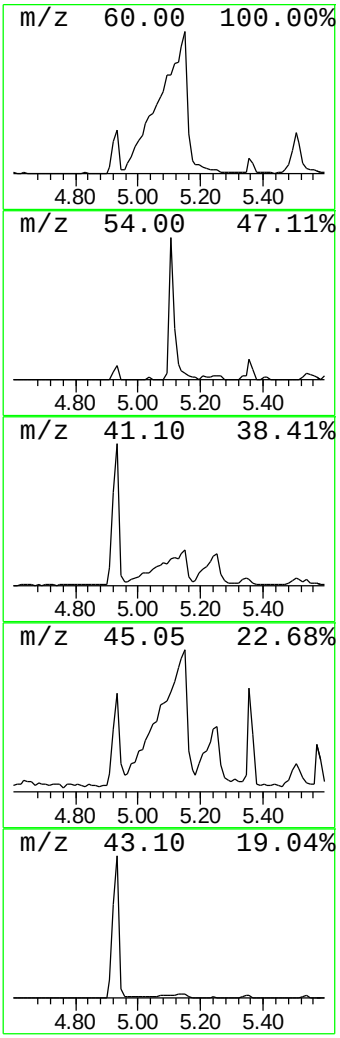
Peak Number 4 unknown5.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	10.00 ng	714427	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	42
2	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	17
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	9
4	Pentanoic acid	102	C5H10O2	000109-52-4	9
5	1-Pentanamine	87	C5H13N	000110-58-7	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
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Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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

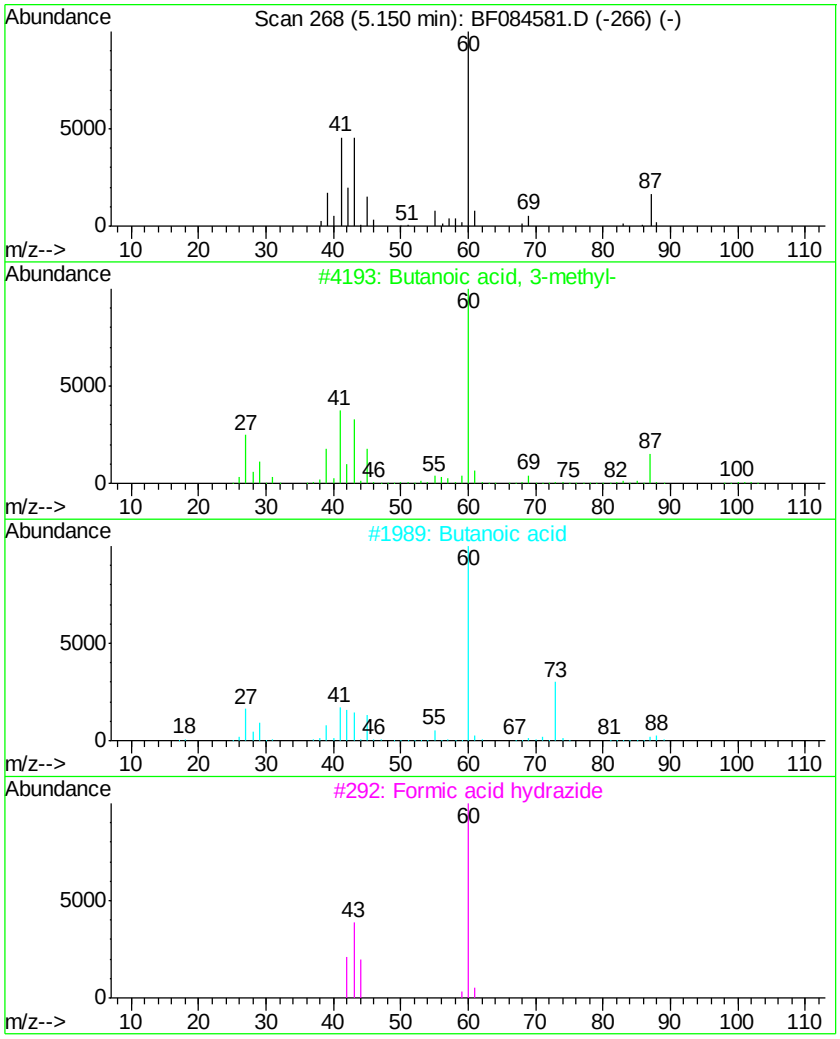
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

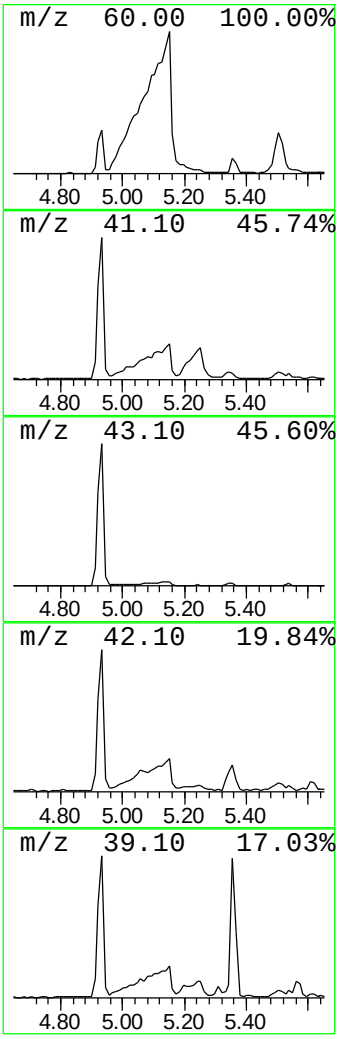
****

Peak Number 5 Butanoic acid, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.65 ng	260836	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
2	Butanoic acid	88	C4H8O2	000107-92-6	50
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	42
4	Hexanoic acid	116	C6H12O2	000142-62-1	40
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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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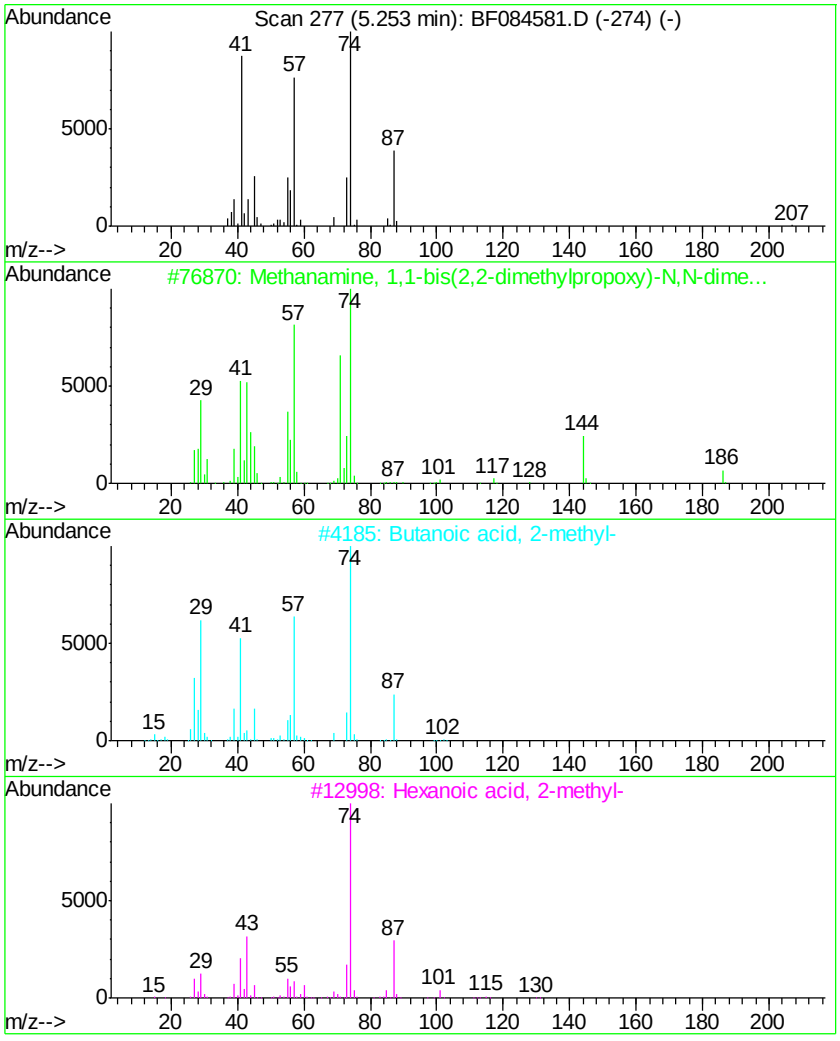
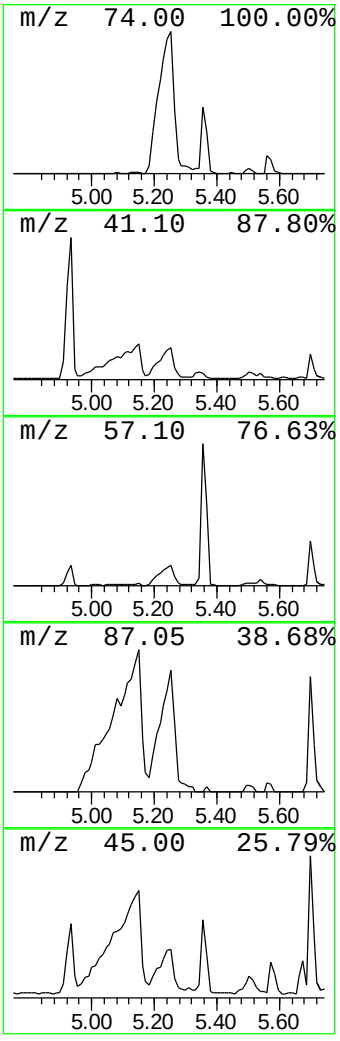
Peak Number 6 Methanamine, 1,1-bis(2,2-di... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.54 ng	252941	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	53
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	45
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	38
4	Thiirane, methyl-	74	C3H6S	001072-43-1	32
5	5-Hydroxy-2,2-dimethylhexan-3-one	144	C8H16O2	173343-33-4	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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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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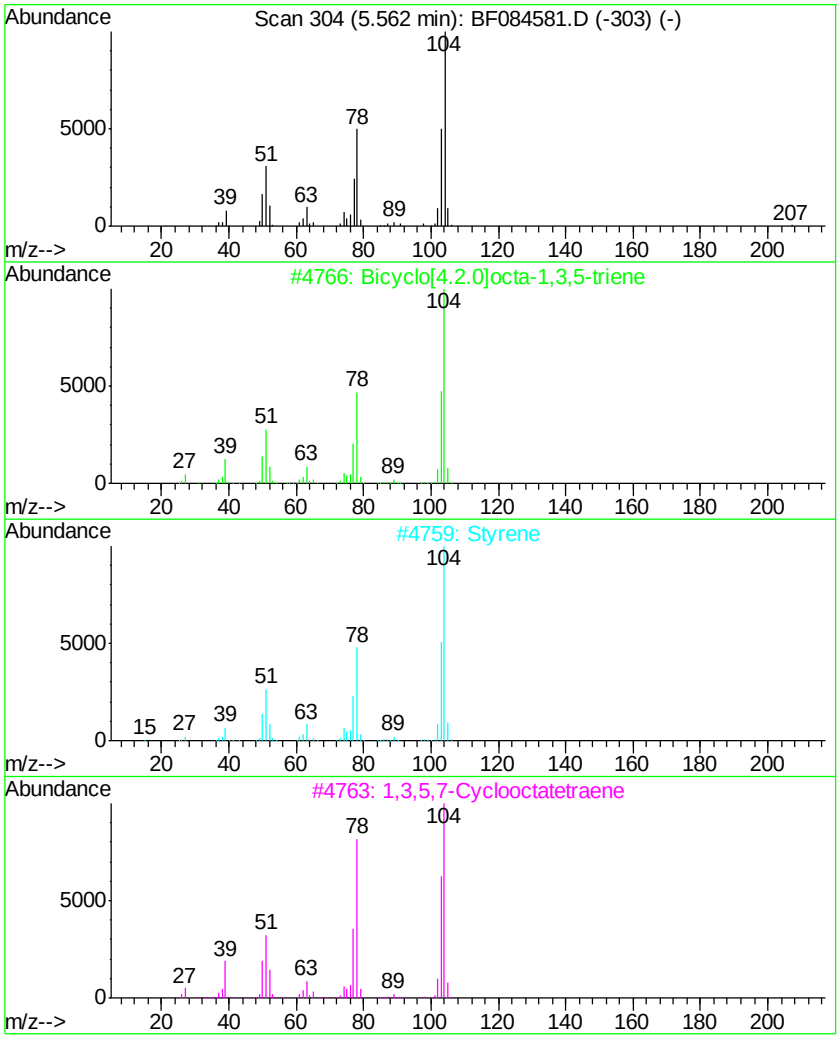
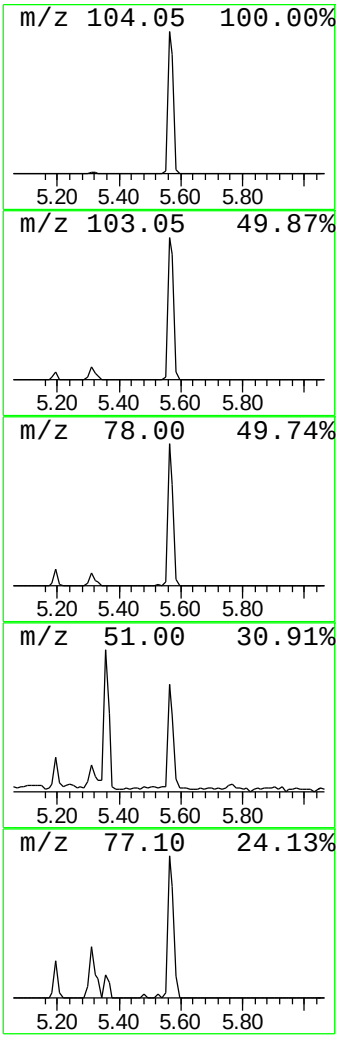
Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	4.00 ng	285495	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	7-Thiapentacyclo[4.4.0.0(2,5).0(...	196	C9H8O3S	019086-79-4	59





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Sample : H1176-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-23

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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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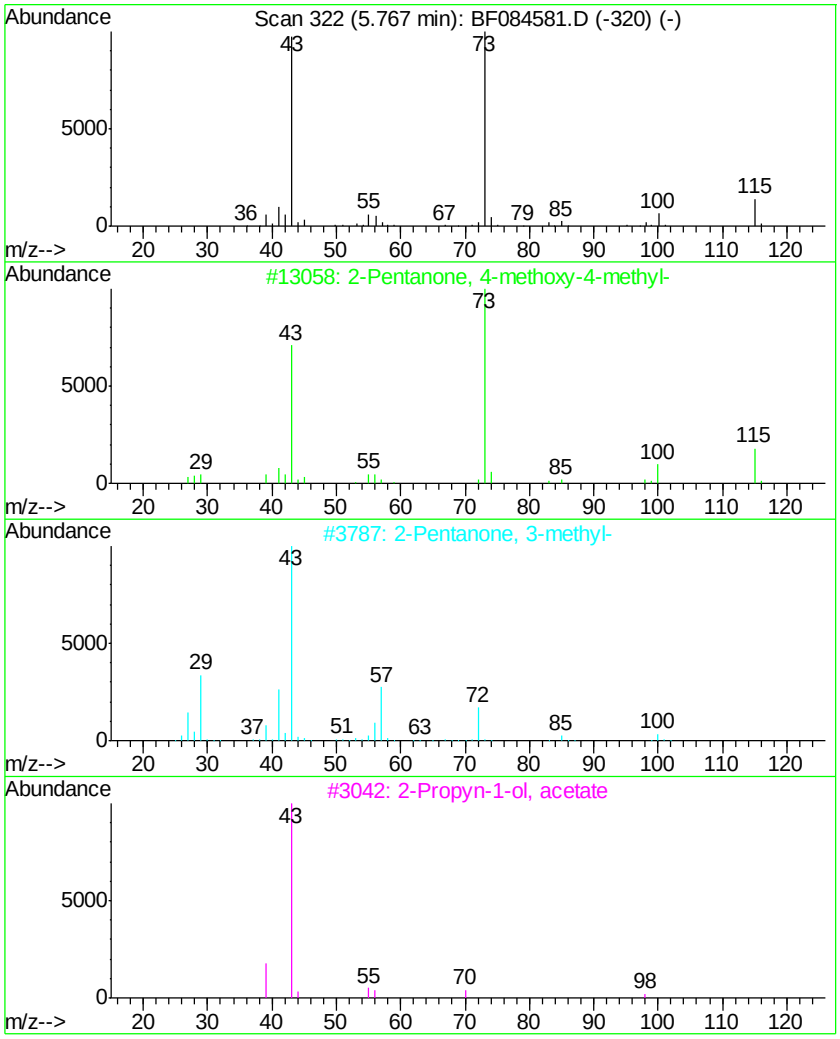
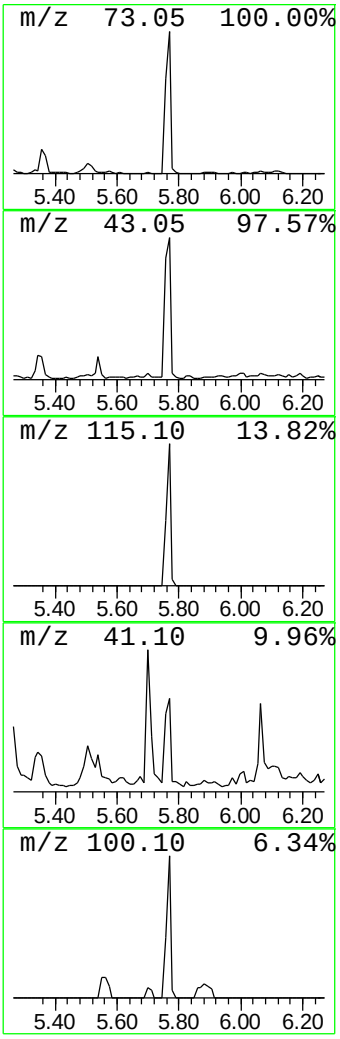
Peak Number 8 2-Pentanone, 4-methoxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	4.71 ng	336312	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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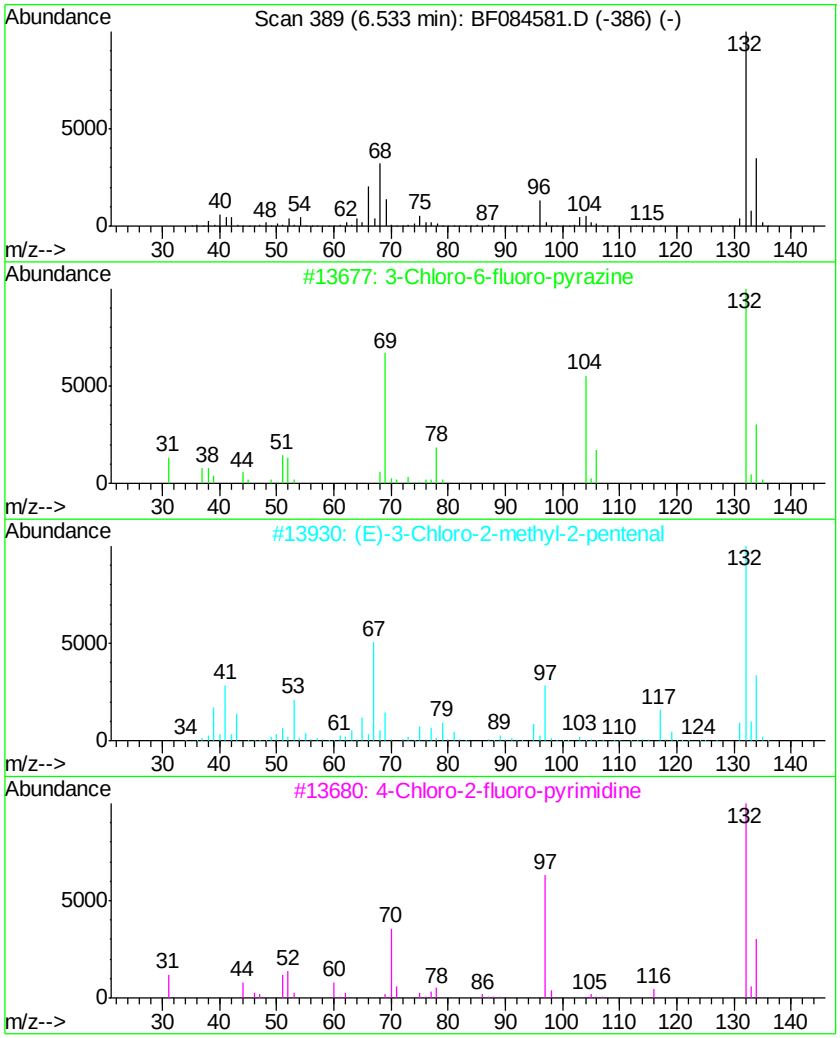
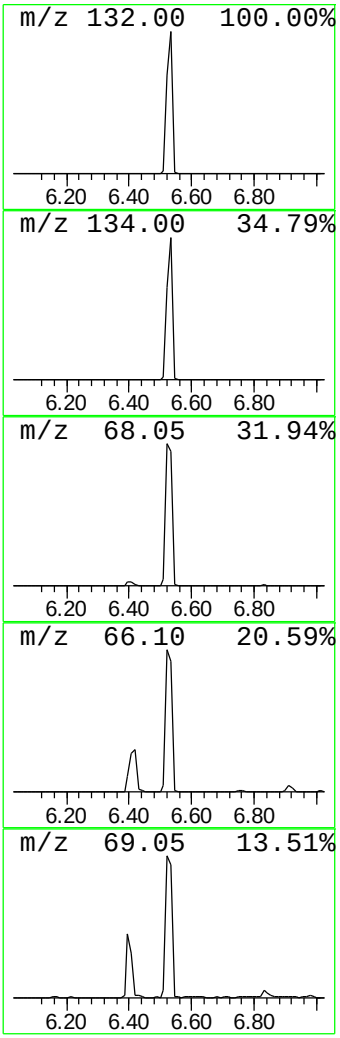
Peak Number 9 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	63.50 ng	4535770	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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TIC Library : C:\DATABASE\NIST02.L
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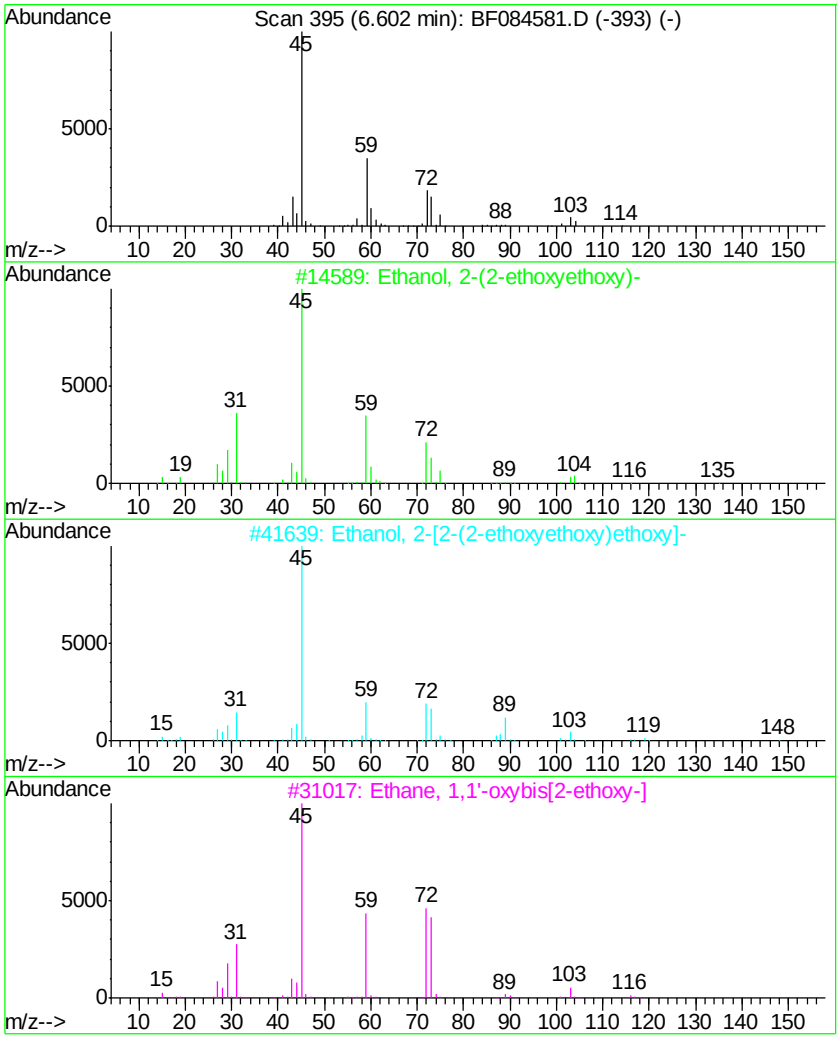
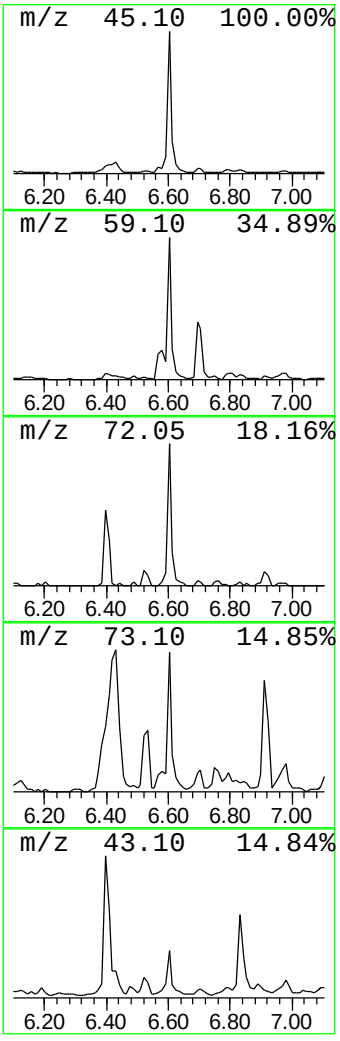
Peak Number 10 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	5.41 ng	386101	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	56
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	33





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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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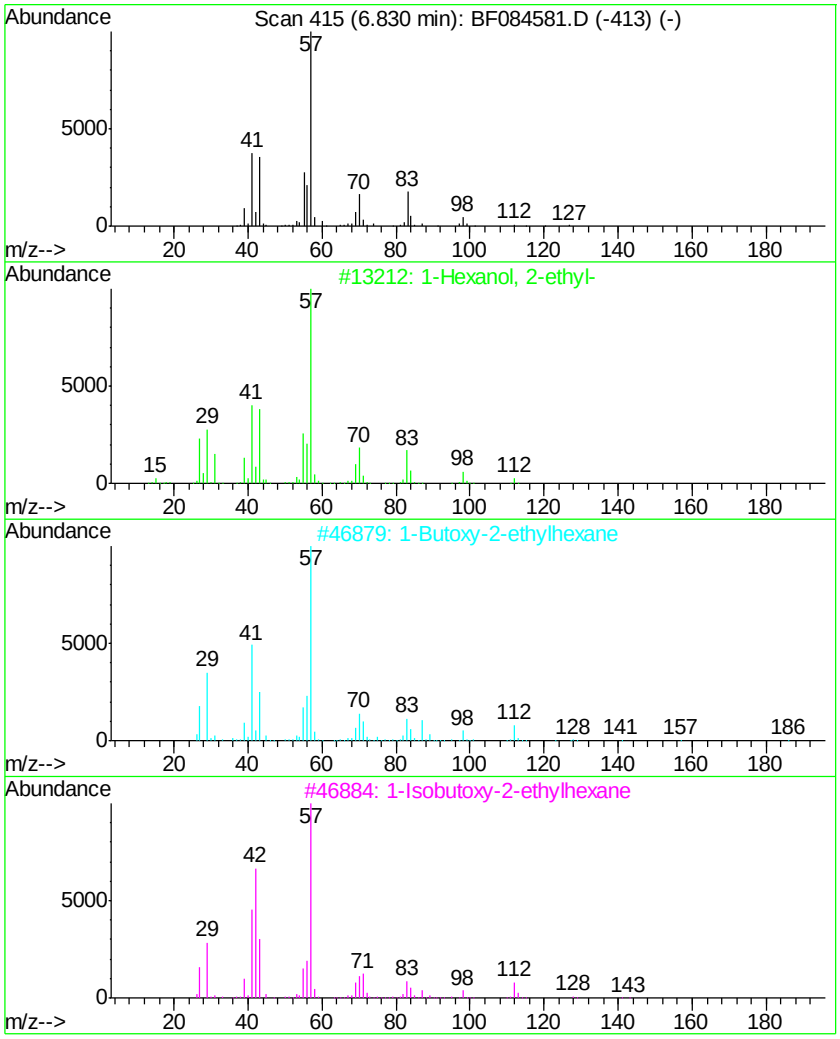
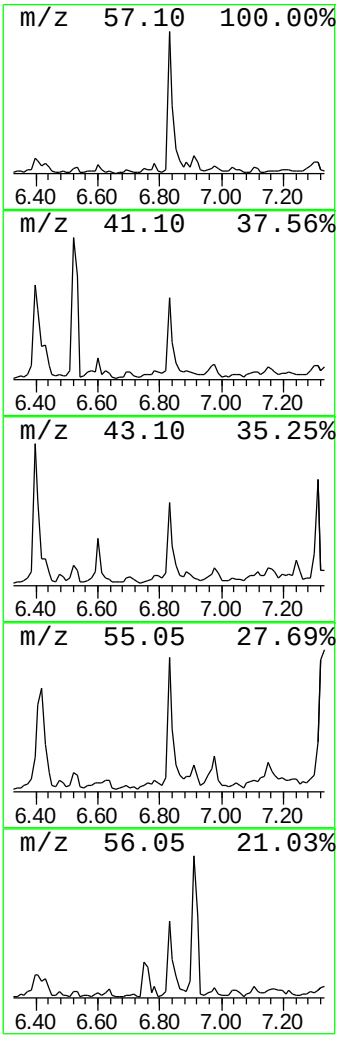
Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	6.88 ng	491567	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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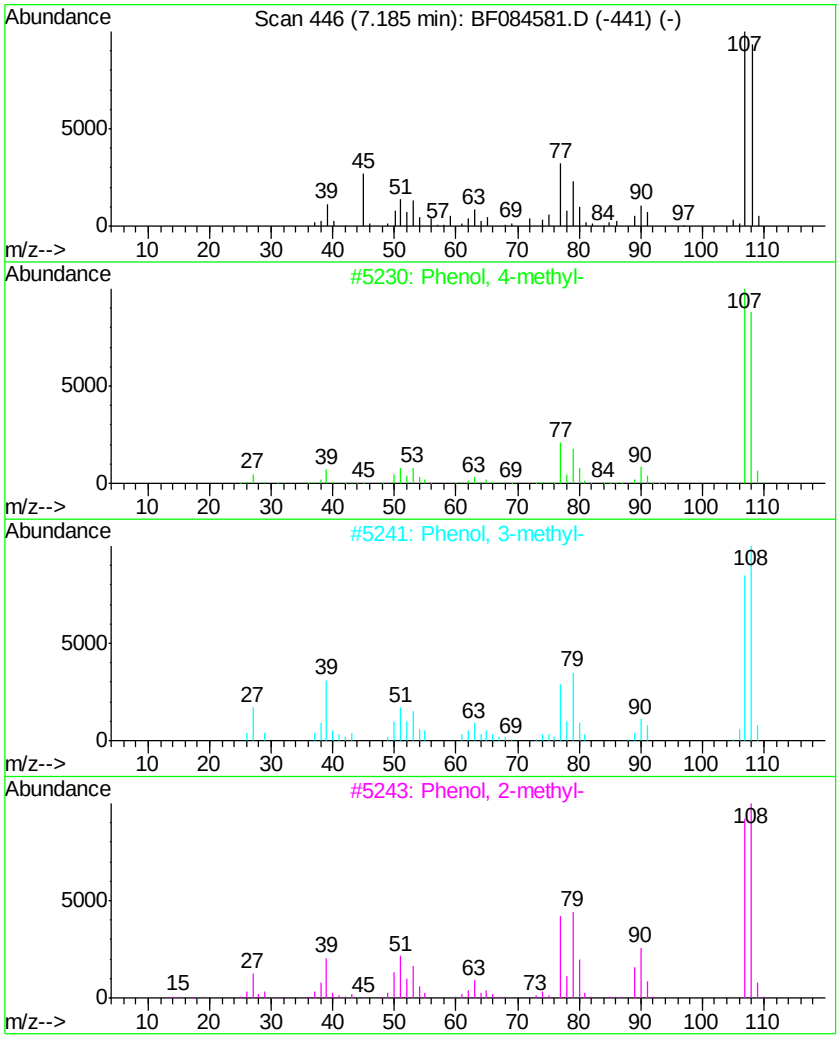
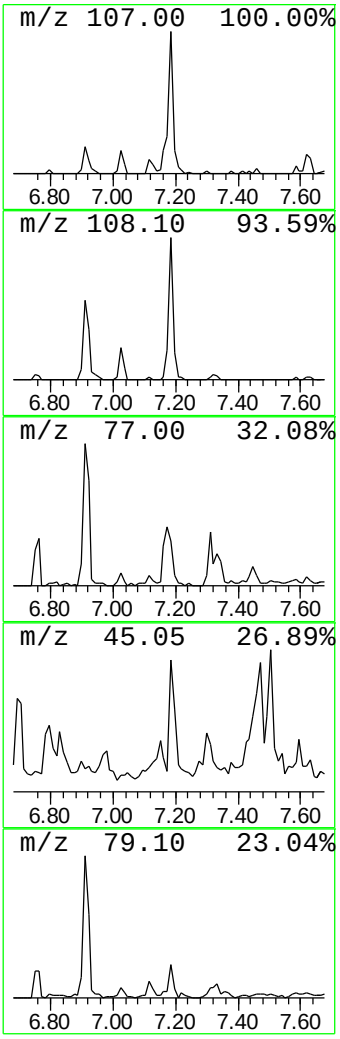
Peak Number 13 Phenol, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	3.42 ng	244419	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methyl-	108	C7H8O	000106-44-5	91
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	86
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	72
4	Xanthine, 1,3-dipropyl-8-[4-[.be...	619	C31H37N7O7	102255-67-4	43
5	Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	43





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TIC Library : C:\DATABASE\NIST02.L
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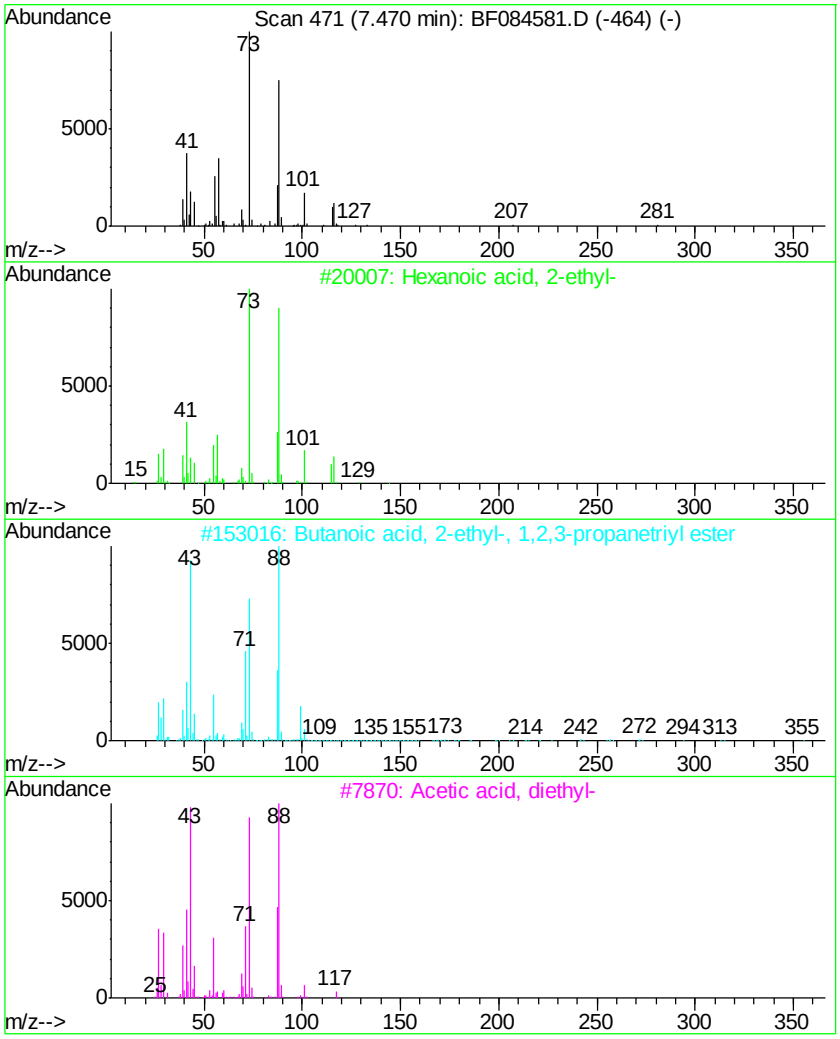
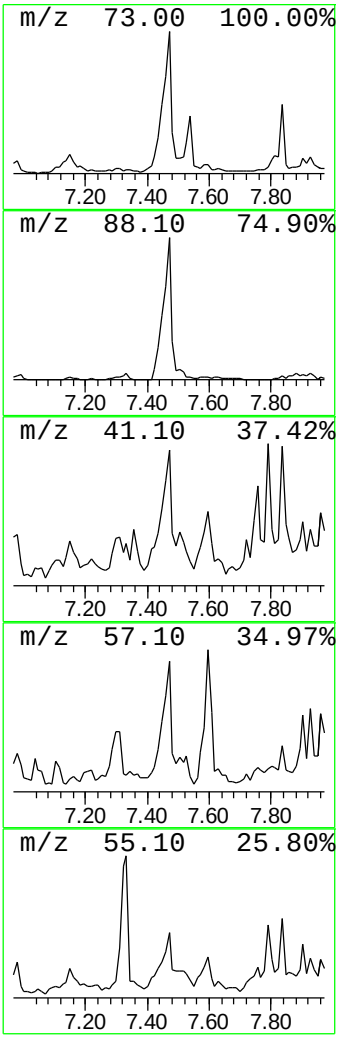
Peak Number 14 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.55 ng	480158	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	40
4	Dithiocarbamic acid, N,N-dimethy...	477	C13H12F9N3S3	1000268-72-7	38
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	37





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TIC Integration Parameters: LSCINT.P

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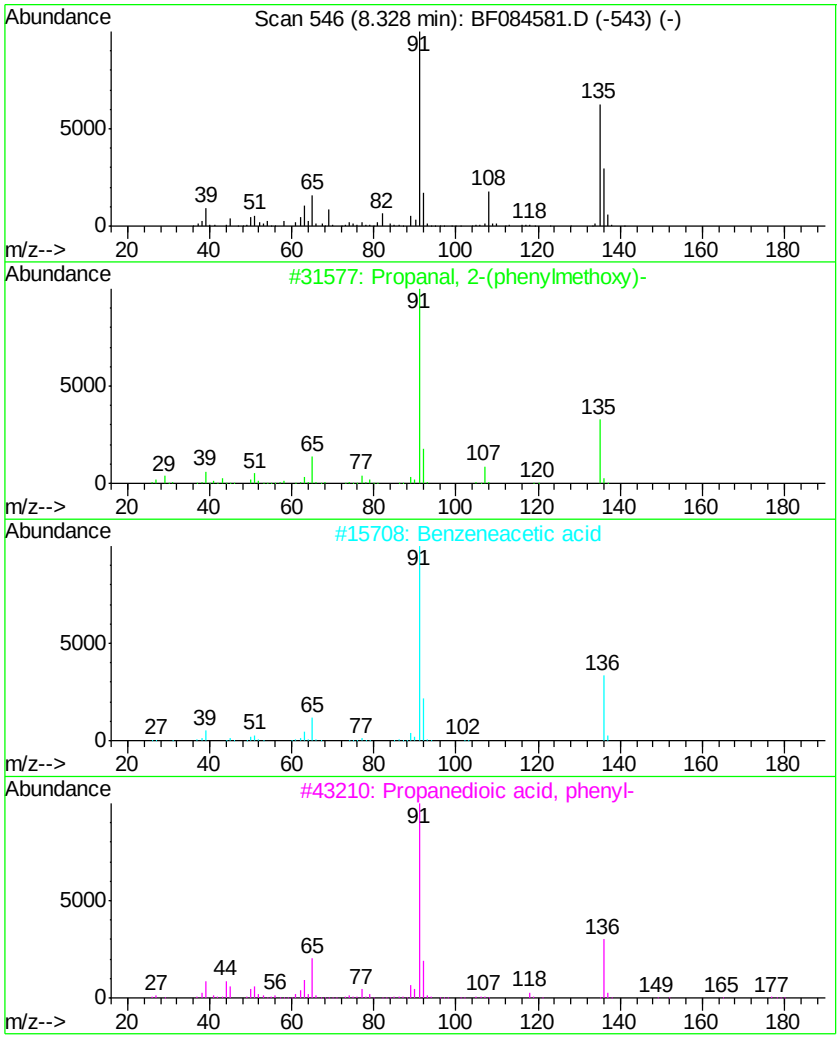
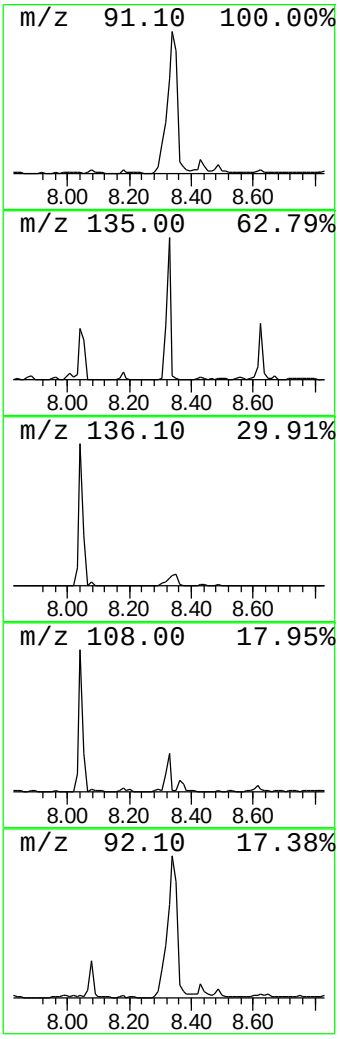
Peak Number 15 Propanal, 2-(phenylmethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	16.43 ng	1733810	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-(phenylmethoxy)-	164	C10H12O2	053346-05-7	59
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	53
3	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	49
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	46
5	Benzothiazole	135	C7H5NS	000095-16-9	38





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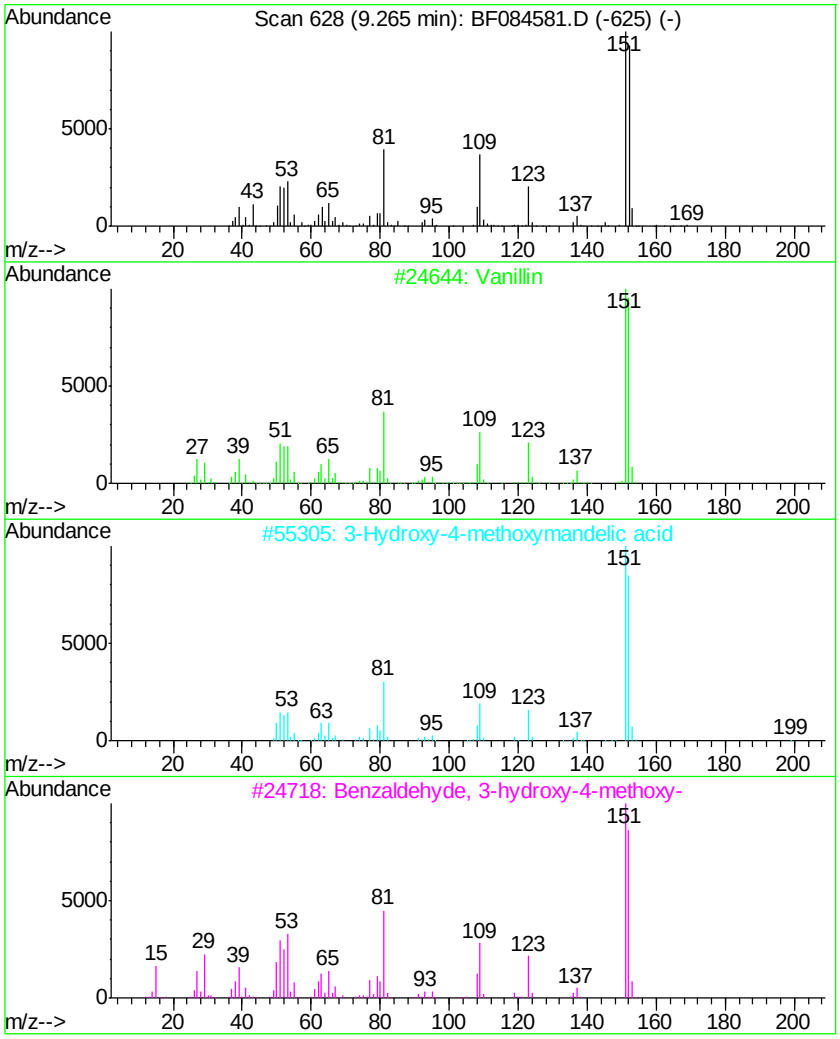
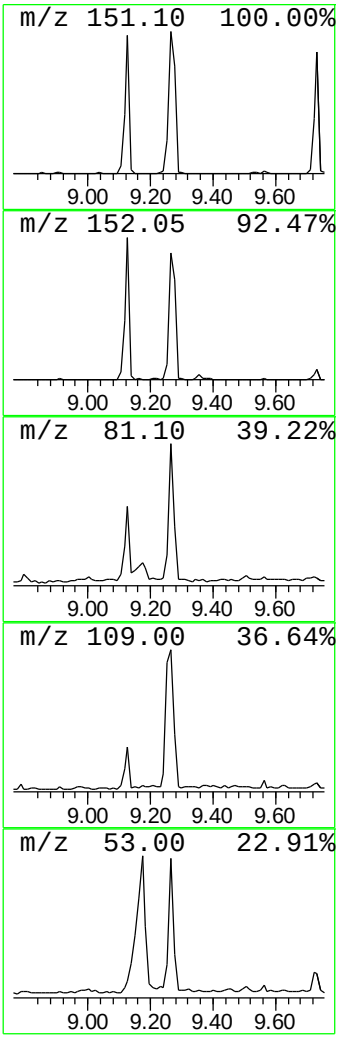
Peak Number 16 Vanillin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	11.27 ng	1418570	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	91
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	83
4	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	58
5	Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	50





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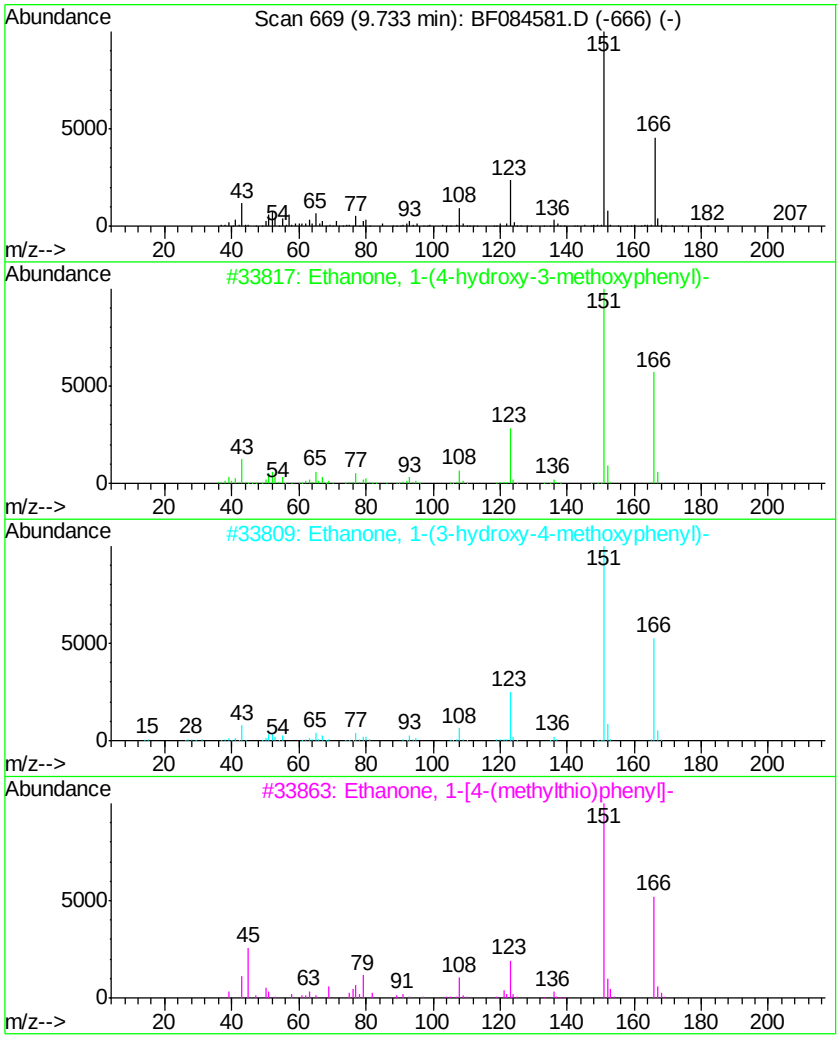
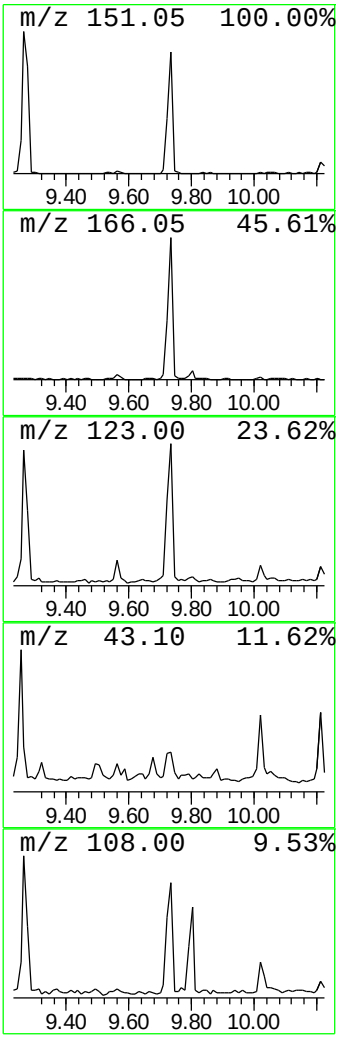
Peak Number 17 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	4.70 ng	591030	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	97
2	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	95
3	Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	83
4	Ethanone, 1-(2-hydroxy-5-methoxy...	166	C9H10O3	000705-15-7	78
5	1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	78





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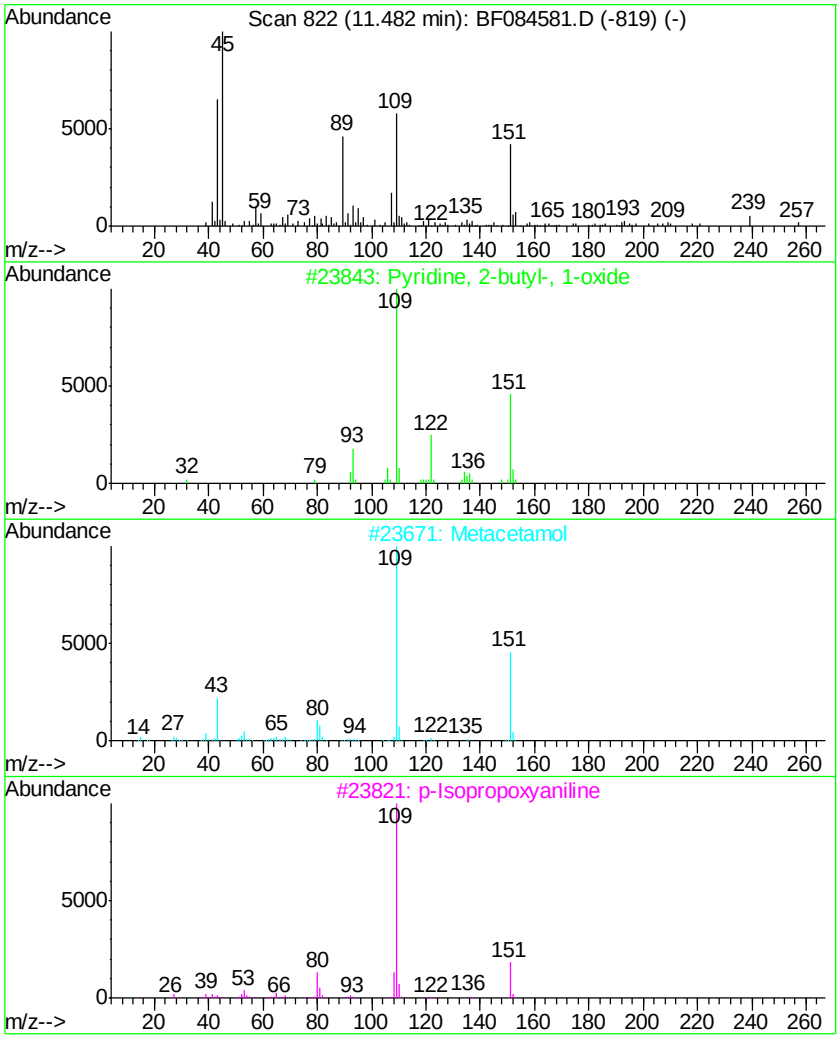
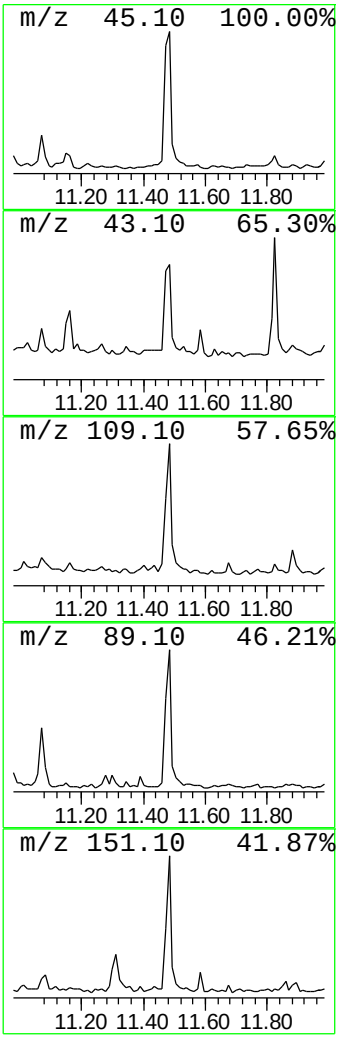
Peak Number 18 unknown11.48 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	3.34 ng	355343	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	32
2	Metacetamol	151	C8H9NO2	000621-42-1	30
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	22
4	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	22
5	2-Tetradecanol	214	C14H30O	004706-81-4	22





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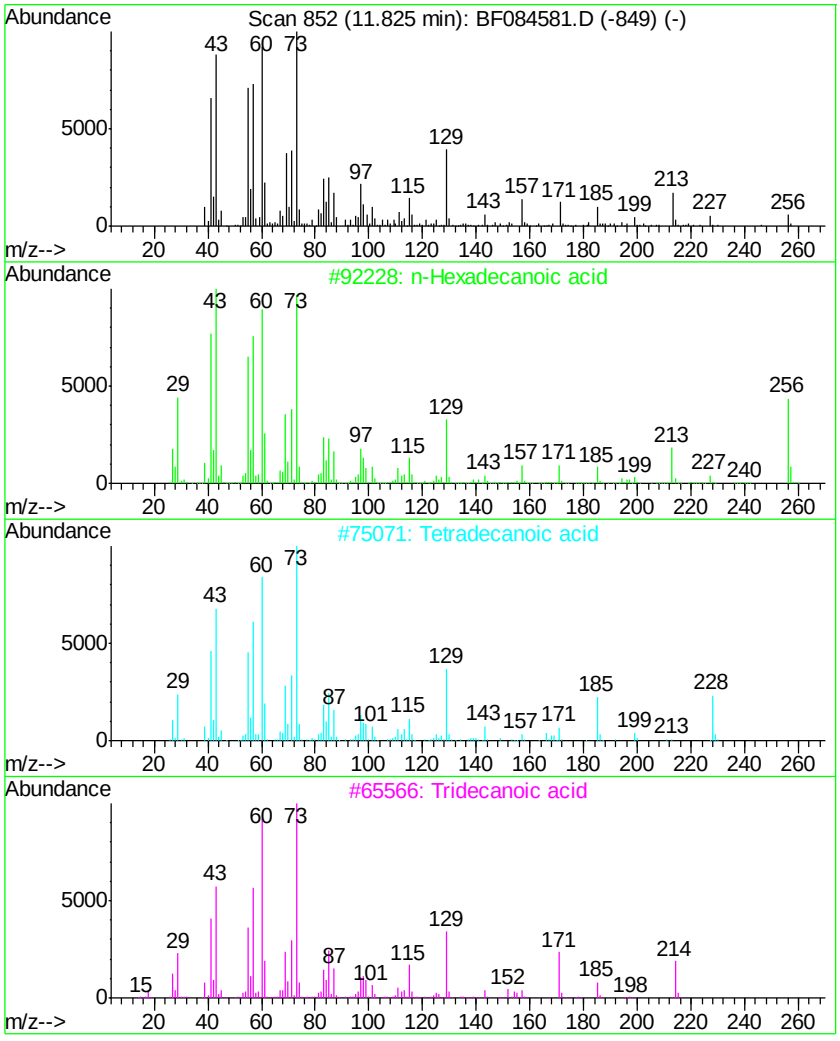
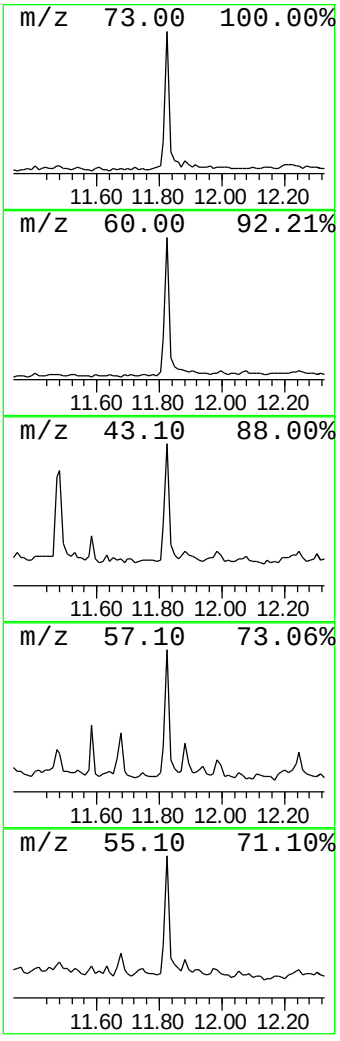
Peak Number 19 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.00 ng	426263	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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

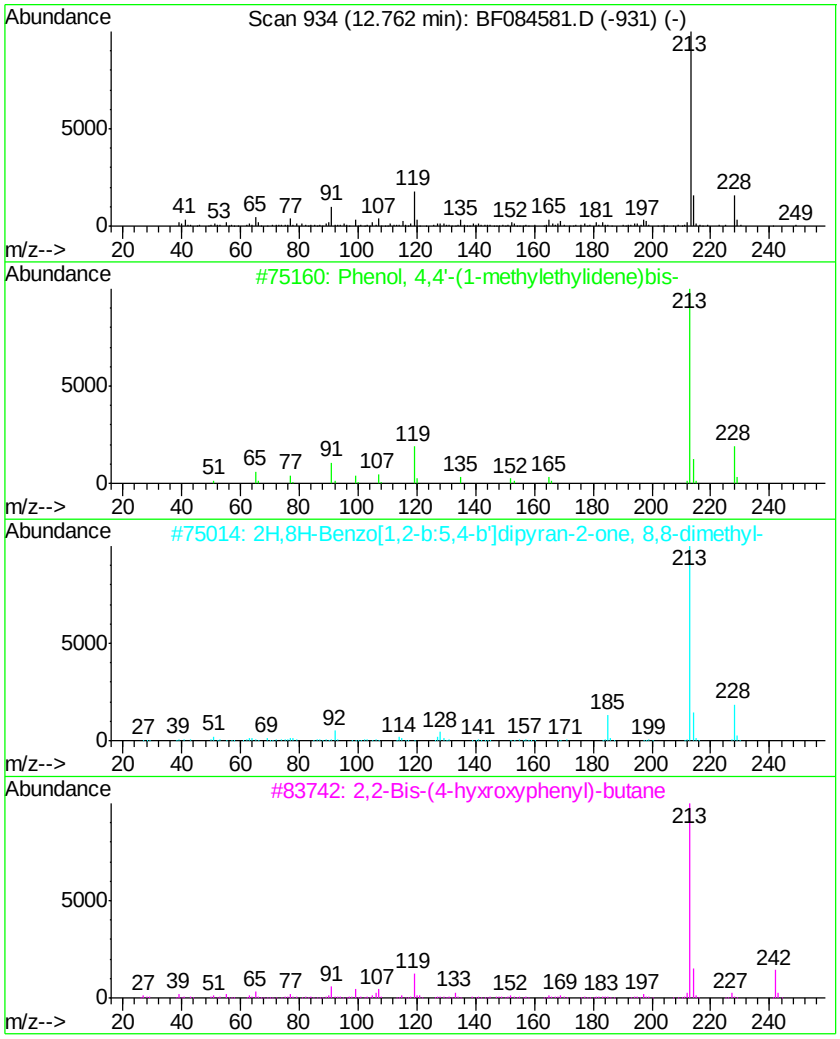
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

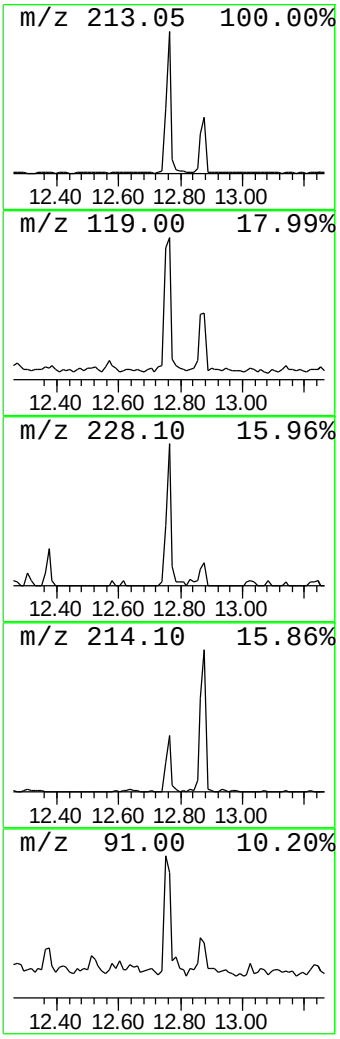
****

Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.40 ng	376346	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	50
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50
5	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012116\
Data File : BF084581.D
Acq On : 21 Jan 2016 13:34
Operator : SJ/UM
Sample : H1176-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-23

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
Propylene Glycol	3.08	18.6	ng	1327390	1	6.76	1428670	20.0
3-Hexen-2-one	4.25	7.8	ng	556226	1	6.76	1428670	20.0
2-Pentanone, 4-hy...	4.93	41.2	ng	2944850	1	6.76	1428670	20.0
unknown5.10	5.10	10.0	ng	714427	1	6.76	1428670	20.0
Butanoic acid, 3-...	5.15	3.6	ng	260836	1	6.76	1428670	20.0
Methanamine, 1,1-...	5.25	3.5	ng	252941	1	6.76	1428670	20.0
Bicyclo[4.2.0]oct...	5.56	4.0	ng	285495	1	6.76	1428670	20.0
2-Pentanone, 4-me...	5.77	4.7	ng	336312	1	6.76	1428670	20.0
unknown6.53	6.53	63.5	ng	4535770	1	6.76	1428670	20.0
Ethanol, 2-(2-eth...	6.60	5.4	ng	386101	1	6.76	1428670	20.0
1-Hexanol, 2-ethyl-	6.83	6.9	ng	491567	1	6.76	1428670	20.0
Phenol, 4-methyl-	7.18	3.4	ng	244419	1	6.76	1428670	20.0
Hexanoic acid, 2-...	7.47	4.5	ng	480158	2	8.04	2109960	20.0
Propanal, 2-(phen...	8.33	16.4	ng	1733810	2	8.04	2109960	20.0
Vanillin	9.26	11.3	ng	1418570	3	9.80	2517590	20.0
Ethanone, 1-(4-hy...	9.73	4.7	ng	591030	3	9.80	2517590	20.0
unknown11.48	11.48	3.3	ng	355343	4	11.28	2130410	20.0
n-Hexadecanoic acid	11.83	4.0	ng	426263	4	11.28	2130410	20.0
Phenol, 4,4'-(1-m...	12.76	4.4	ng	376346	5	13.92	1712540	20.0