LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

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-BF081715.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	3.175	100	104	111	rVB	9199	22995	1.09%	0.104%
2	3.301	111	115	119	rVB	12640	24418	1.16%	0.111%
3	3.861	154	164	165	rBV	9085	35568	1.69%	0.161%
4	3.930	166	170	172	rVV	11663	29891	1.42%	0.136%
5	4.021	175	178	183	rBV	48581	72149	3.43%	0.327%
6	4.741	239	241	244	rBV	357755	460072	21.88%	2.088%
7	4.890	245	254	258	rVV	30868	136473	6.49%	0.619%
8	5.016	258	265	270	rVB2	21626	76830	3.65%	0.349%
9	5.153	274	277	278	rBV	21725	25890	1.23%	0.117%
10	5.198	278	281	283	rVV	749265	840695	39.99%	3.815%
11	5.324	287	292	295	rBV	11656	26573	1.26%	0.121%
12	5.553	310	312	316	rVV	36364	44702	2.13%	0.203%
13	5.621	316	318	320	rVB	55627	54497	2.59%	0.247%
14	6.261	372	374	378	rVB2	639405	625512	29.75%	2.839%
15	6.387	383	385	388	rBV	1371968	1338343	63.65%	6.074%
16	6.627	404	406	408	rBV	517002	453400	21.56%	2.058%
17	6.707	408	413	417	rVV	112188	174109	8.28%	0.790%
18	6.787	417	420	422	rVV	1064115	1342872	63.87%	6.094%
19	6.833	422	424	427	rVB	23988	39346	1.87%	0.179%
20	6.959	433	435	439	rBV2	23129	29718	1.41%	0.135%
21	7.050	439	443	446	rVB3	77116	108058	5.14%	0.490%
22	7.199	452	456	458	rBV	1334653	1442559	68.61%	6.546%
23	7.336	463	468	470	rVV	69744	148972	7.09%	0.676%
24	7.382	470	472	475	rVB3	21281	43727	2.08%	0.198%
25	7.462	477	479	487	rVB	39537	69889	3.32%	0.317%
26	7.656	492	496	497	rBV3	92270	160955	7.66%	0.730%
27	7.724	497	502	503	rVB	174596	449961	21.40%	2.042%
28	7.839	510	512	515	rBV	119602	153416	7.30%	0.696%
29	7.907	516	518	520	rVV	517070	563721	26.81%	2.558%
30	7.942	520	521	524	rVV	76336	89379	4.25%	0.406%
31	8.044	527	530	532	rBV3	41850	67362	3.20%	0.306%
32	8.159	536	540	541	rBV2	22646	44455	2.11%	0.202%
33	8.193	541	543	545	rVV3	164928	291545	13.87%	1.323%
34	8.239	545	547	551	rVV	378900	384168	18.27%	1.743%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.296	551	552	555	rVV3	57745	70414	3.35%	0.320%
36	8.353	555	557	561	rVV3	44917	82170	3.91%	0.373%
37	8.422	561	563	565	rVB3	19854	25308	1.20%	0.115%
38	8.490	567	569	571	rBV2	41325	63784	3.03%	0.289%
39	8.662	580	584	587	rBV	338739	528503	25.14%	2.398%
40	8.719	587	589	592	rVB	86425	133471	6.35%	0.606%
41	8.867	600	602	605	rVB4	50093	71567	3.40%	0.325%
42	8.936	605	608	610	rBV2	32848	50988	2.43%	0.231%
43	8.993	610	613	615	rVB	2380059	2102520	100.00%	9.541%
44	9.073	619	620	623	rBV3	15801	27551	1.31%	0.125%
45	9.142	623	626	628	rVV	569603	749385	35.64%	3.401%
46	9.187	628	630	631	rVB2	19202	23775	1.13%	0.108%
47	9.245	634	635	639	rBV3	32765	46885	2.23%	0.213%
48	9.325	639	642	643	rVB3	20852	38778	1.84%	0.176%
49	9.370	643	646	648	rBV	31348	42240	2.01%	0.192%
50	9.439	650	652	654	rBV2	30733	57815	2.75%	0.262%
51	9.507	654	658	660	rBV2	27712	48713	2.32%	0.221%
52	9.587	663	665	668	rVB	286895	266669	12.68%	1.210%
53	9.656	669	671	673	rVB	635209	586998	27.92%	2.664%
54	9.793	681	683	687	rVV4	20148	40367	1.92%	0.183%
55	9.885	687	691	694	rVV3	94346	162354	7.72%	0.737%
56	9.942	694	696	700	rVB3	42492	84585	4.02%	0.384%
57	10.079	707	708	710	rVB2	38594	32935	1.57%	0.149%
58	10.319	727	729	731	rBV	41233	45761	2.18%	0.208%
59	10.365	731	733	735	rBV3	24410	32098	1.53%	0.146%
60	10.445	735	740	742	rVV2	1357535	1471012	69.96%	6.676%
61	10.502	742	745	748	rVB	36254	35589	1.69%	0.162%
62	10.548	748	749	751	rBV	45606	45644	2.17%	0.207%
63	10.753	764	767	768	rBV	95307	90808	4.32%	0.412%
64	10.810	768	772	775	rBV3	69759	135949	6.47%	0.617%
65	10.890	777	779	782	rBV	220674	327817	15.59%	1.488%
66	11.028	788	791	793	rVB3	82397	132070	6.28%	0.599%
67	11.130	797	800	802	rBV	693068	628019	29.87%	2.850%
68	11.245	809	810	813	rVB	94472	108475	5.16%	0.492%
69	11.313	814	816	818	rBV	26551	33873	1.61%	0.154%
70	11.691	846	849	851	rBV2	291511	340848	16.21%	1.547%
71	11.736	851	853	857	rVB	43368	56846	2.70%	0.258%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.862	860	864	867	rBV2	37350	73509	3.50%	0.334%
73	12.102	882	885	886	rBV3	31588	36732	1.75%	0.167%
74	12.125	886	887	889	rVB2	23723	25793	1.23%	0.117%
75	12.216	893	895	899	rVB3	17396	29534	1.40%	0.134%
76	12.422	911	913	915	rVB	223825	193388	9.20%	0.878%
77	12.468	915	917	919	rBV	160797	168664	8.02%	0.765%
78	12.559	923	925	927	rVB	36449	30879	1.47%	0.140%
79	12.605	927	929	931	rBV	24709	29524	1.40%	0.134%
80	12.719	936	939	941	rBV	1921168	1881988	89.51%	8.541%
81	13.085	969	971	974	rBV2	57773	60139	2.86%	0.273%
82	13.268	984	987	988	rBV2	17166	25489	1.21%	0.116%
83	13.634	1017	1019	1026	rVB	23491	30976	1.47%	0.141%
84	13.748	1026	1029	1031	rBV	431695	383148	18.22%	1.739%
85	14.605	1102	1104	1108	rVB	57939	57156	2.72%	0.259%
86	15.097	1144	1147	1150	rBV	252477	283260	13.47%	1.285%
87	16.834	1296	1299	1304	rBV3	12363	30727	1.46%	0.139%

Sum of corrected areas: 22035710

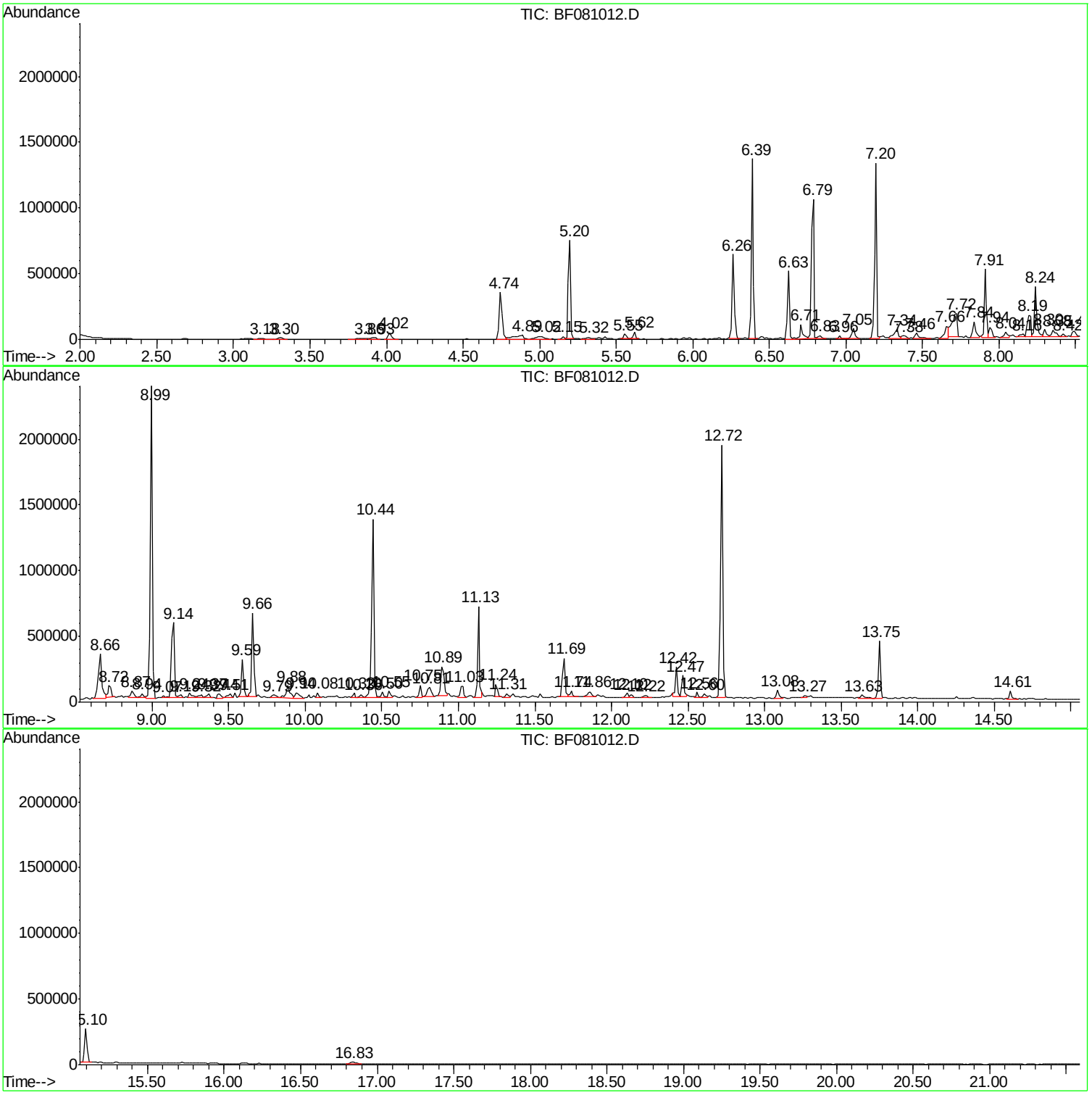
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

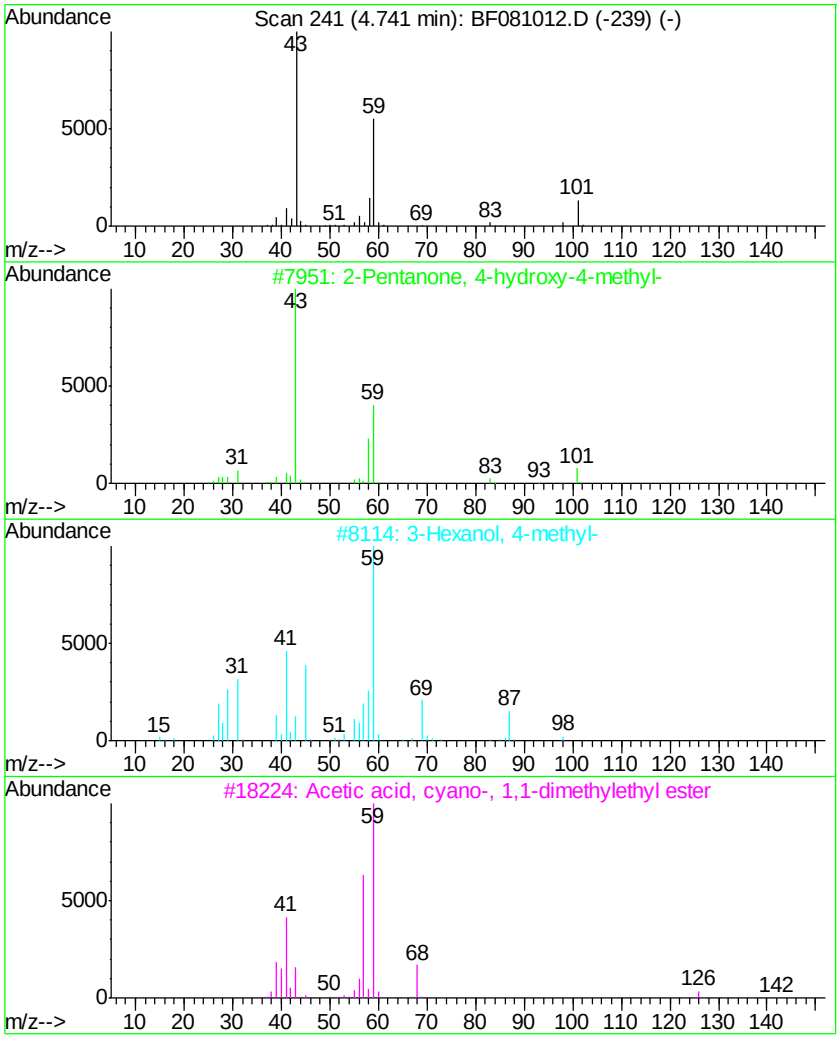
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

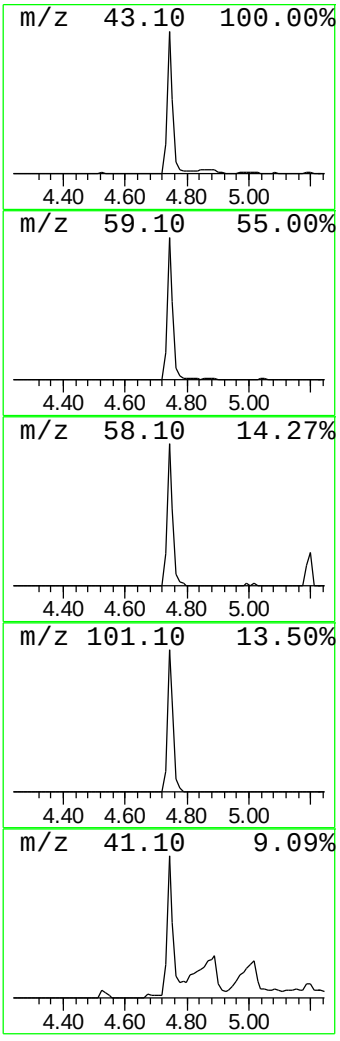
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	20.29 ng	460072	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

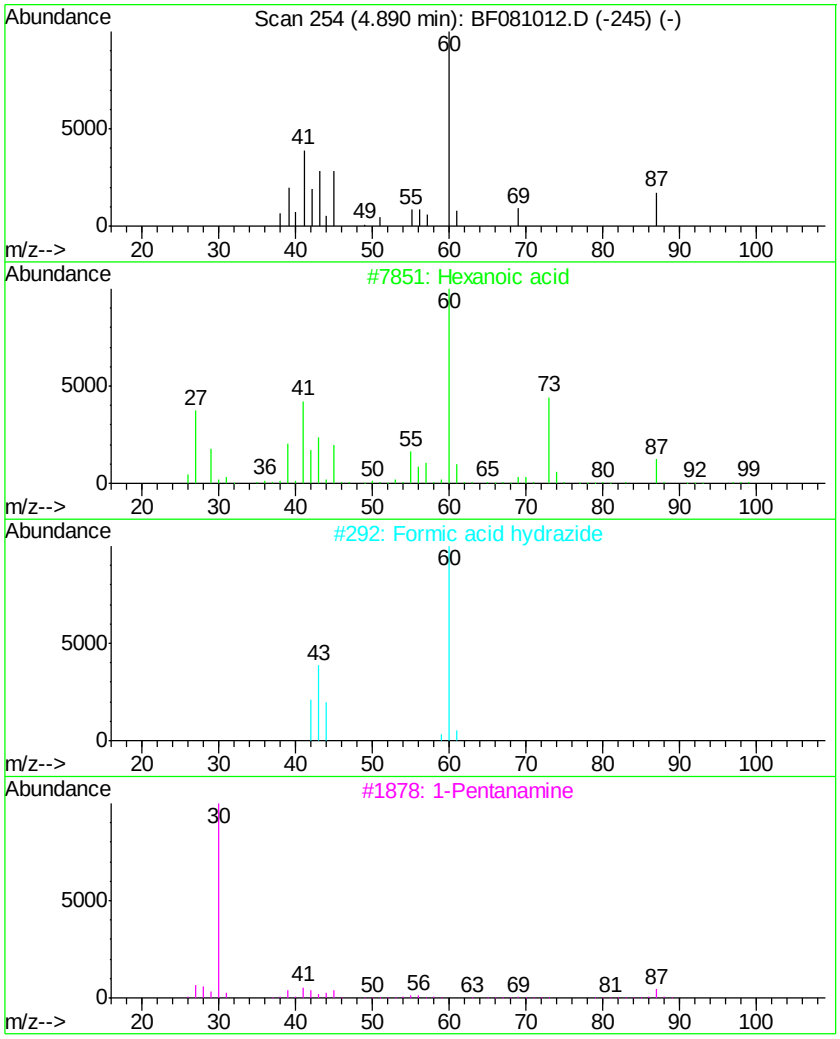
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

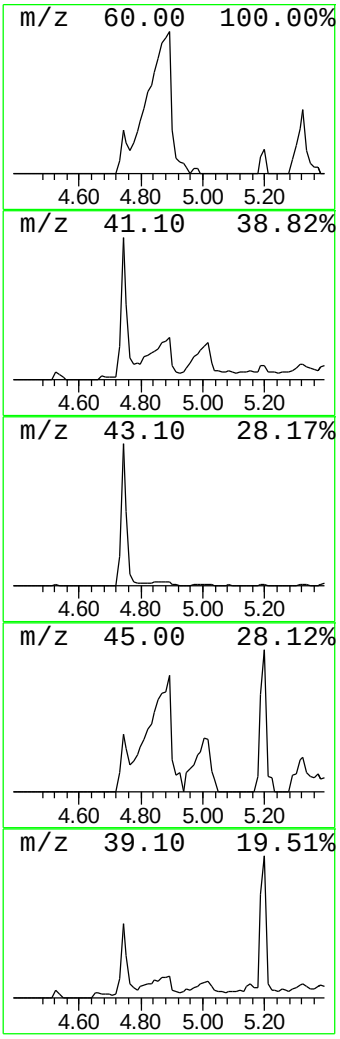
****

Peak Number 2 unknown4.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	6.02 ng	136473	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	39
2	Formic acid hydrazide	60	CH4N2O	000624-84-0	28
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	9
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

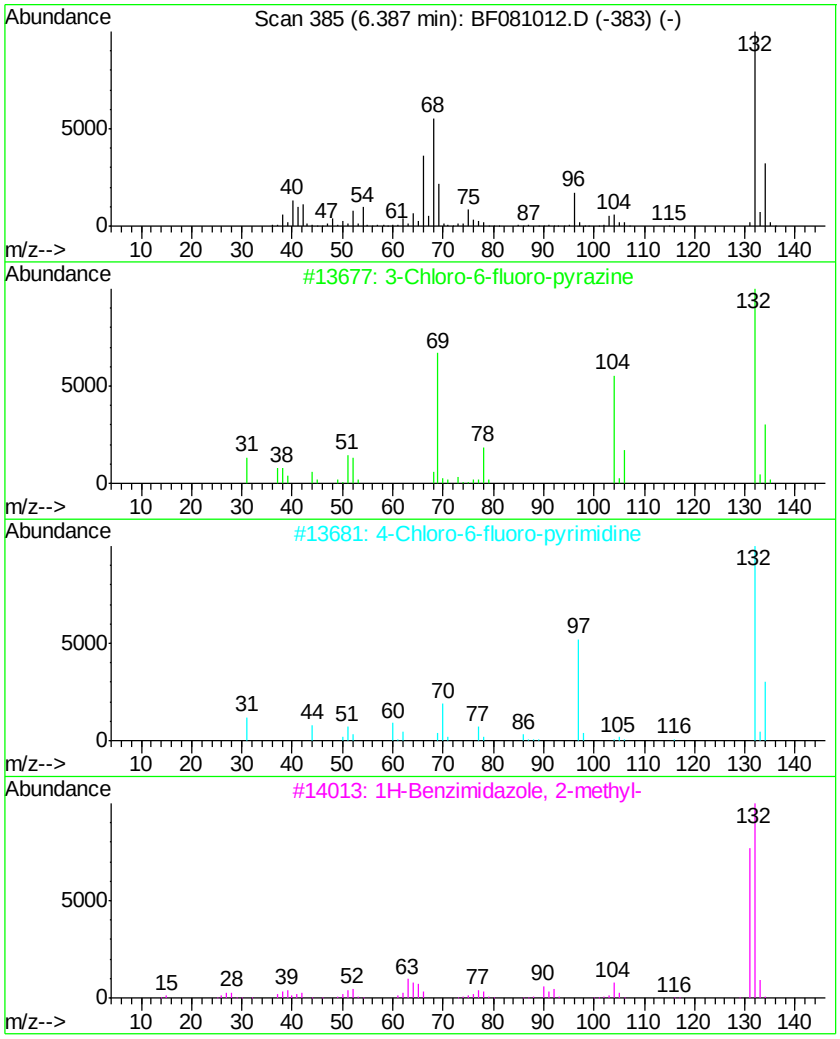
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

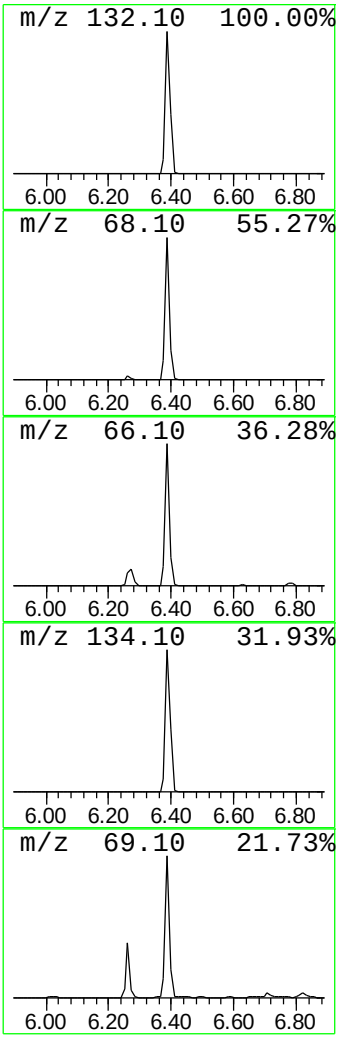
****

Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	59.04 ng	1338340	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

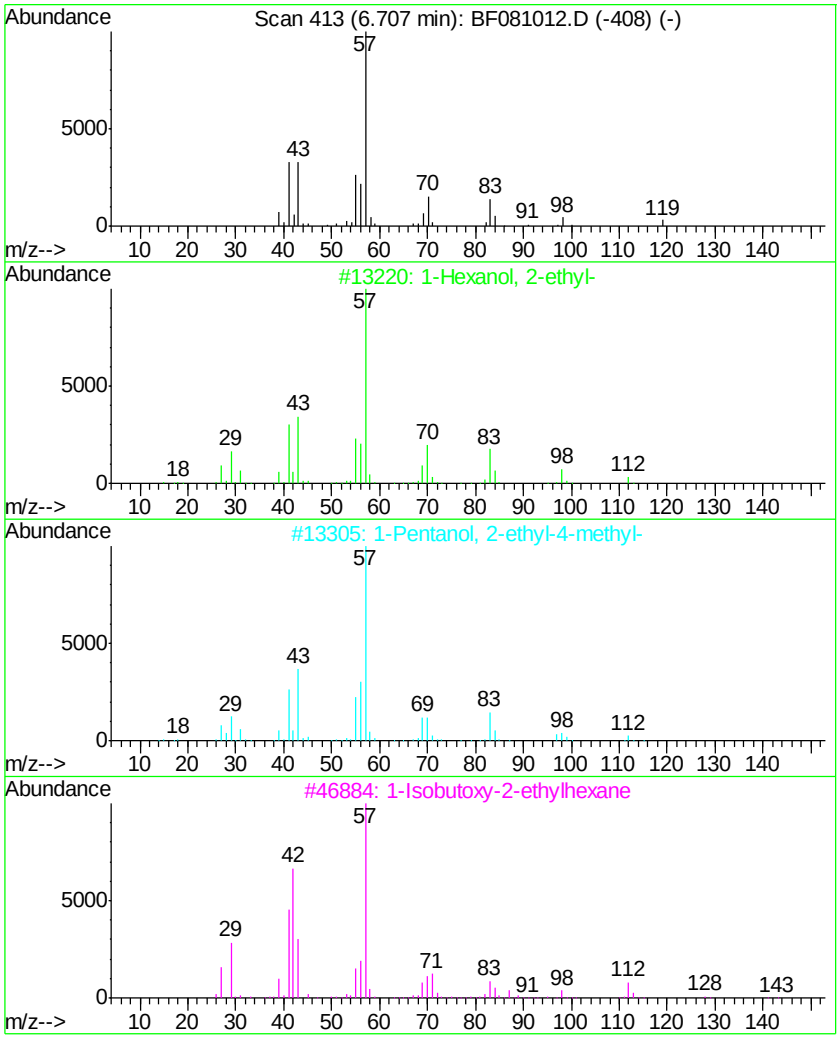
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

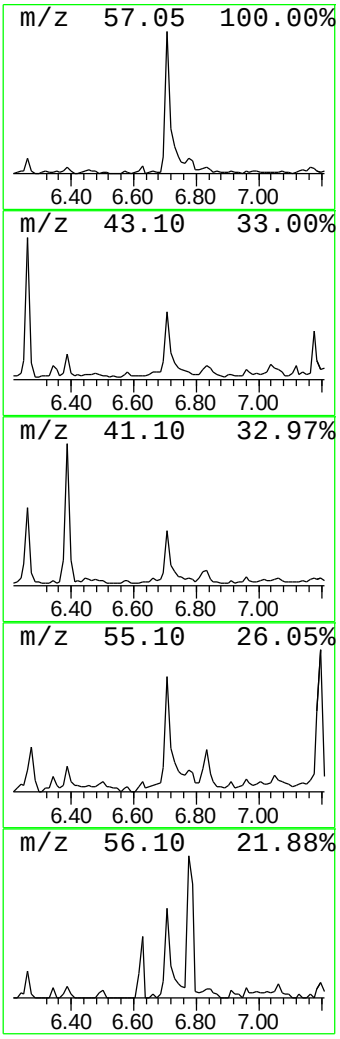
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	7.68 ng	174109	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	40
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	39
5	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

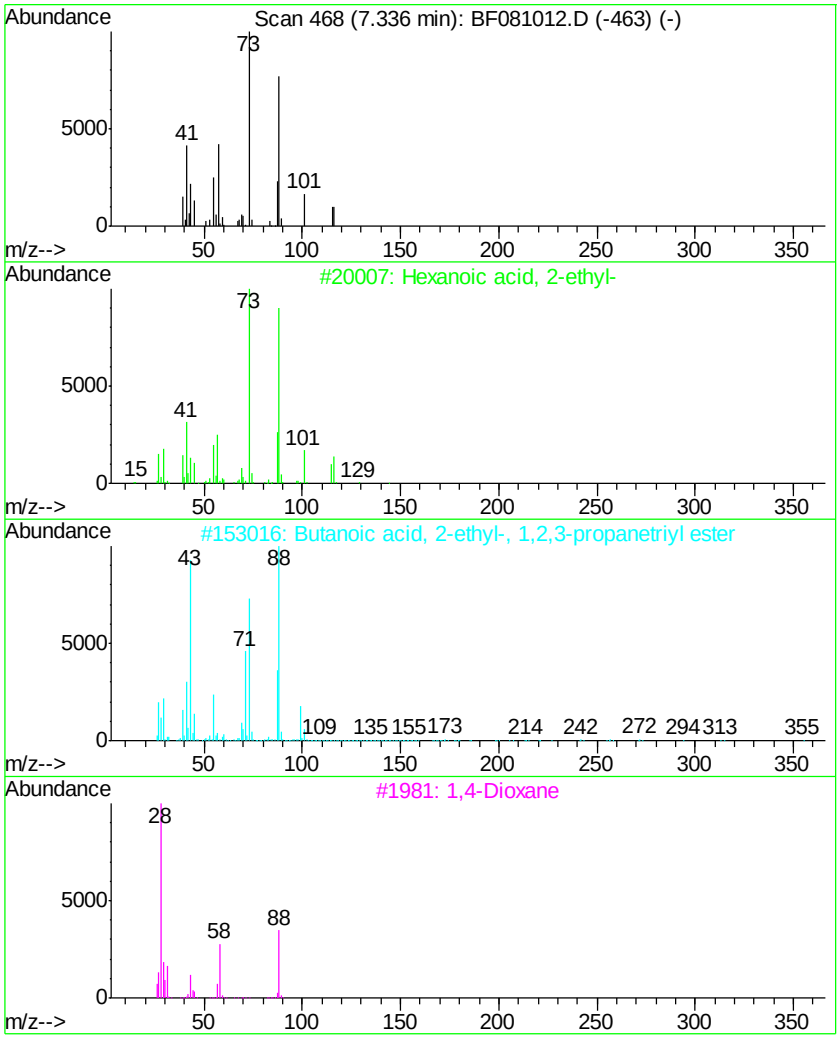
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

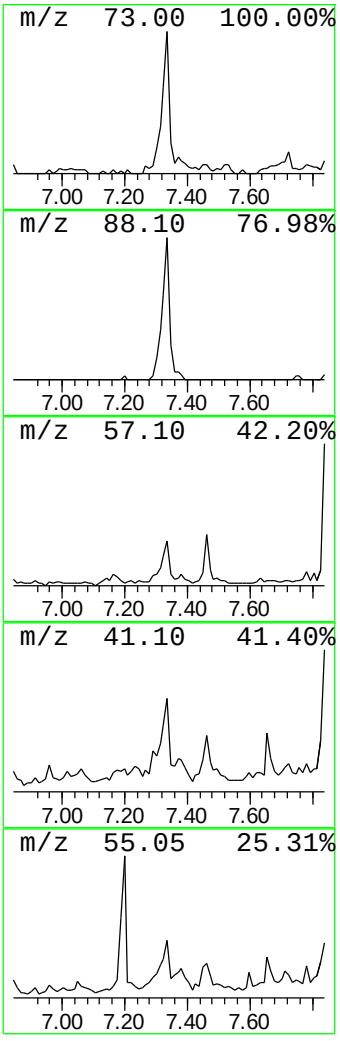
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	5.29 ng	148972	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	1,4-Dioxane	88	C4H8O2	000123-91-1	47
4	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	43
5	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	36





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

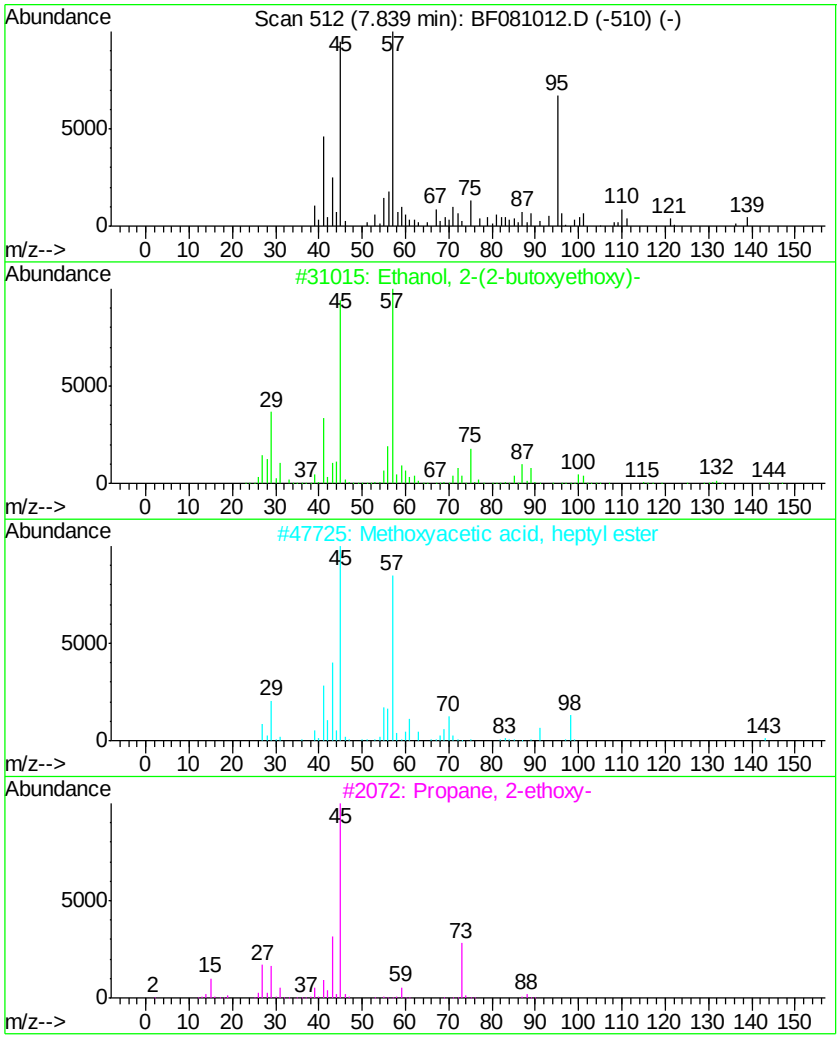
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

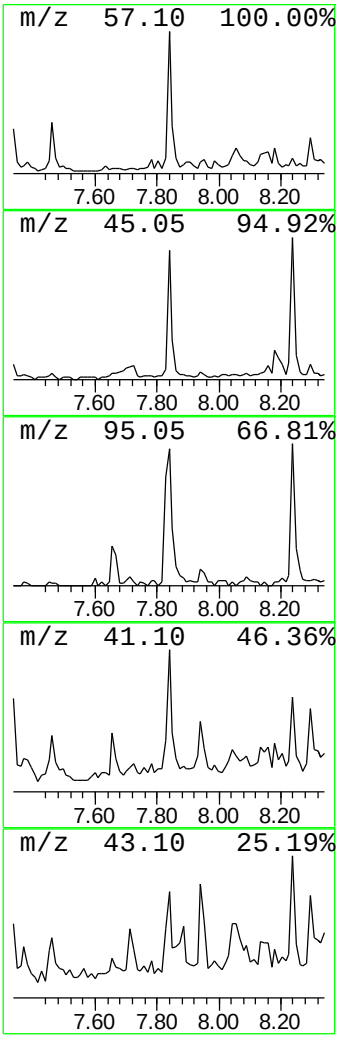
****

Peak Number 8 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	5.44 ng	153416	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	52
2	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	43
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	38
4	Sulfurous acid, bis(1-methylprop...	194	C8H18O3S	024769-51-5	38
5	2-Propanol, 1-(2-methylpropoxy)-	132	C7H16O2	023436-19-3	37





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Operator : UM/IZ
Sample : G3256-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-1

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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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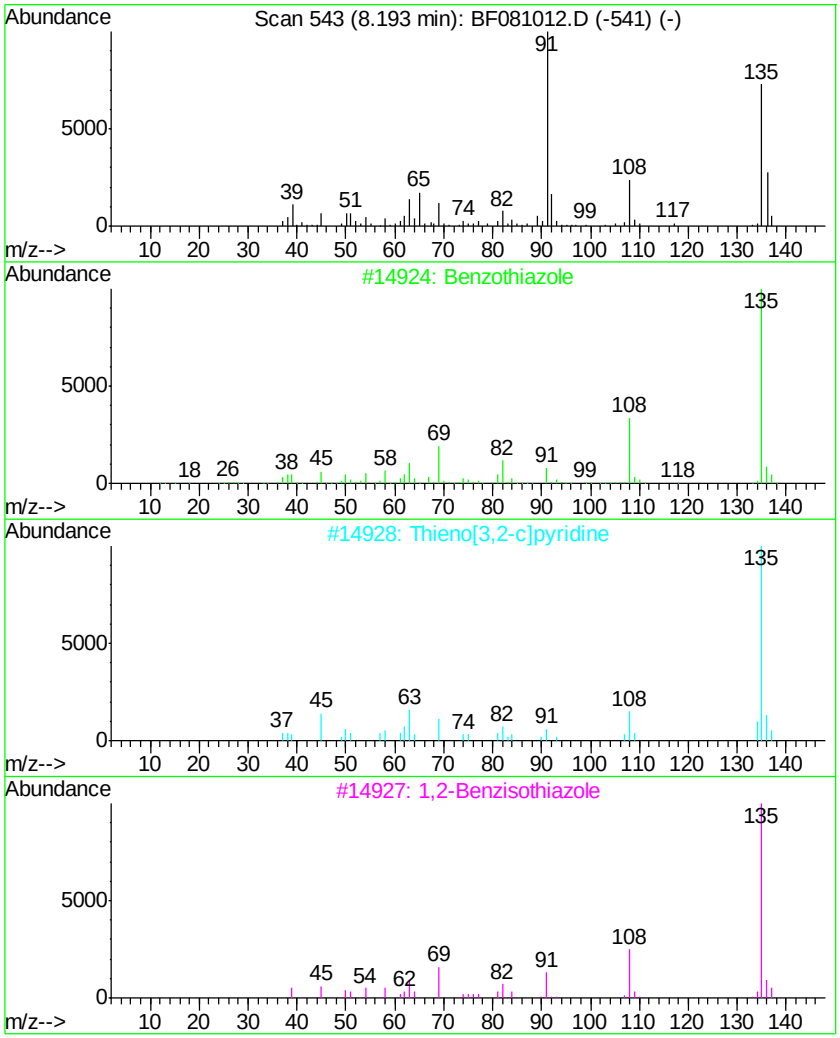
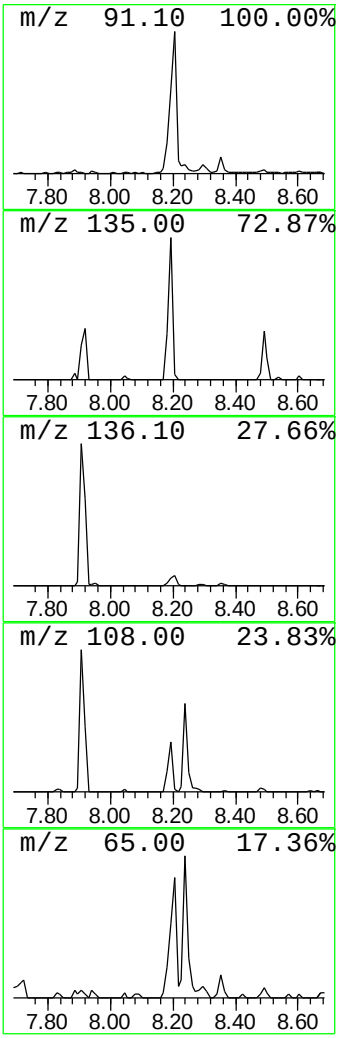
Peak Number 9 Benzothiazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	10.34 ng	291545	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	87
2	Thieno[3,2-c]pyridine	135	C7H5NS	000272-14-0	46
3	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	43
4	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	43
5	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	43





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Sample : G3256-02
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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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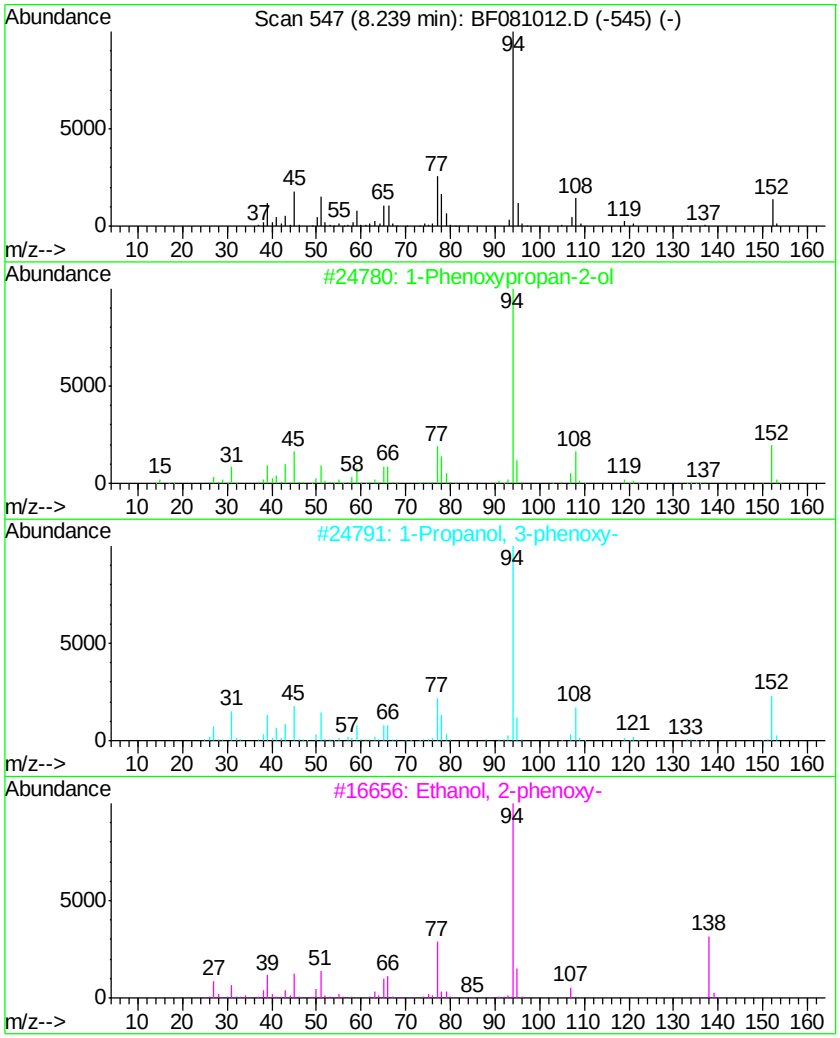
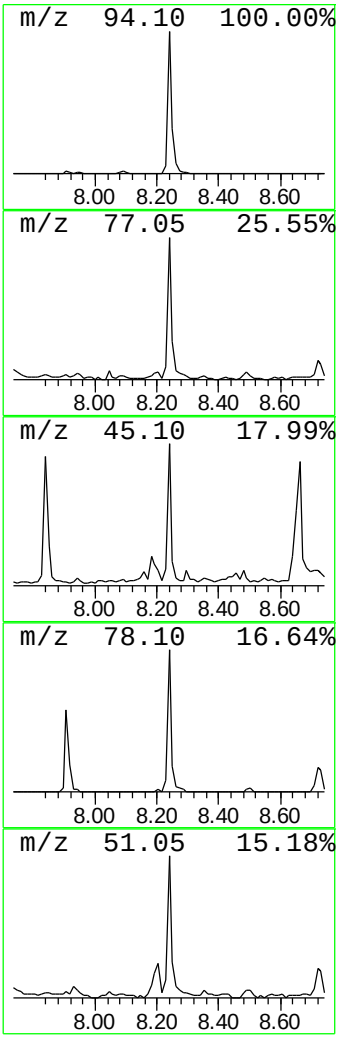
Peak Number 10 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	13.63 ng	384168	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53
5	tert-Butyl phenyl carbonate	194	C11H14O3	006627-89-0	53





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ClientSampleId : TEC-1

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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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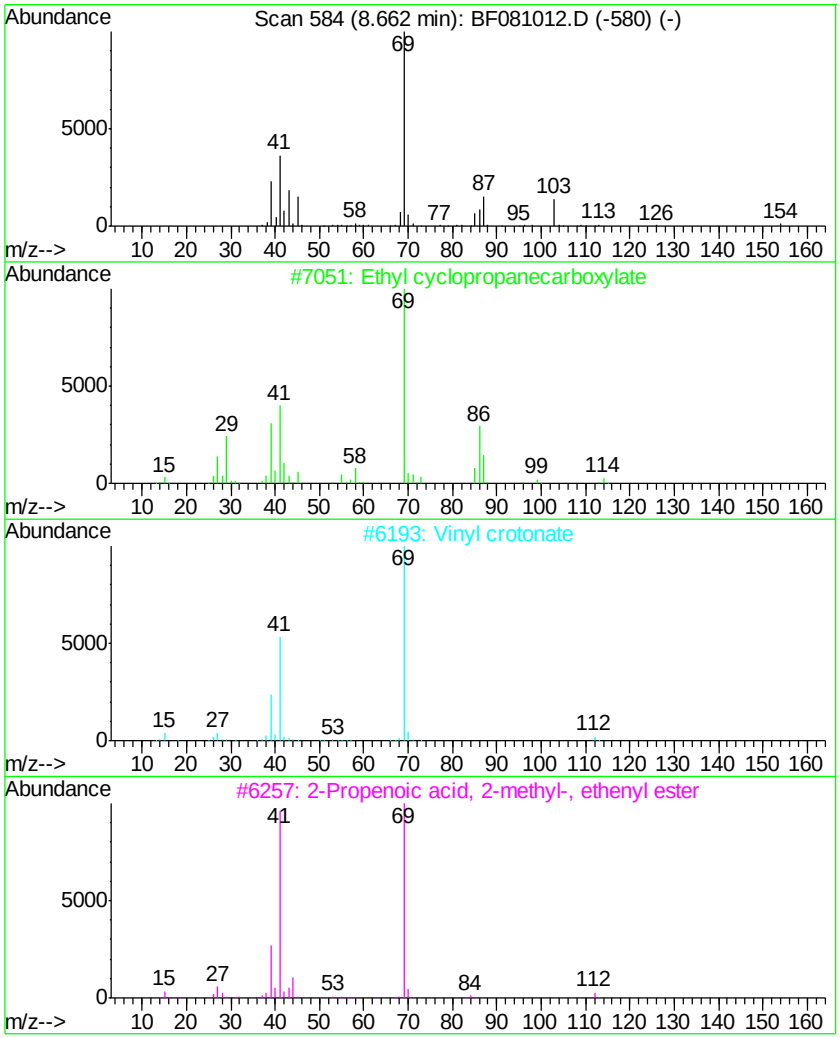
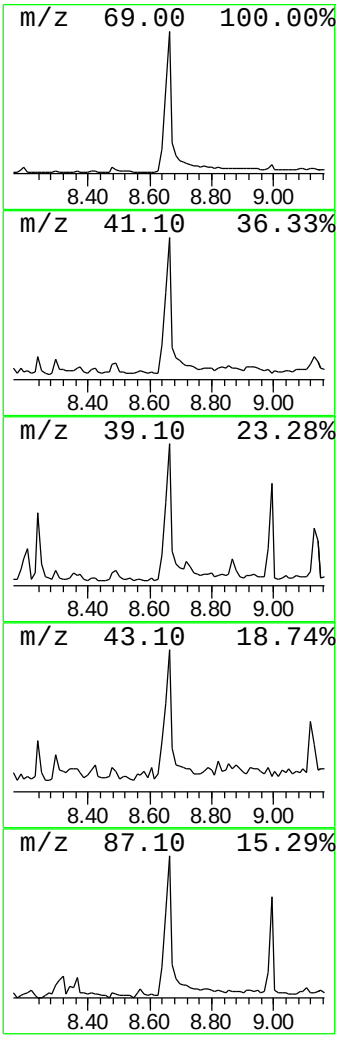
Peak Number 11 unknown8.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	18.75 ng	528503	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	45
2	Vinyl crotonate	112	C6H8O2	014861-06-4	9
3	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	9
4	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	9
5	Cyclopropanecarboxylic acid, pro...	128	C7H12O2	060128-01-0	9





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Instrument : BNA_F
ClientSampleId : TEC-1

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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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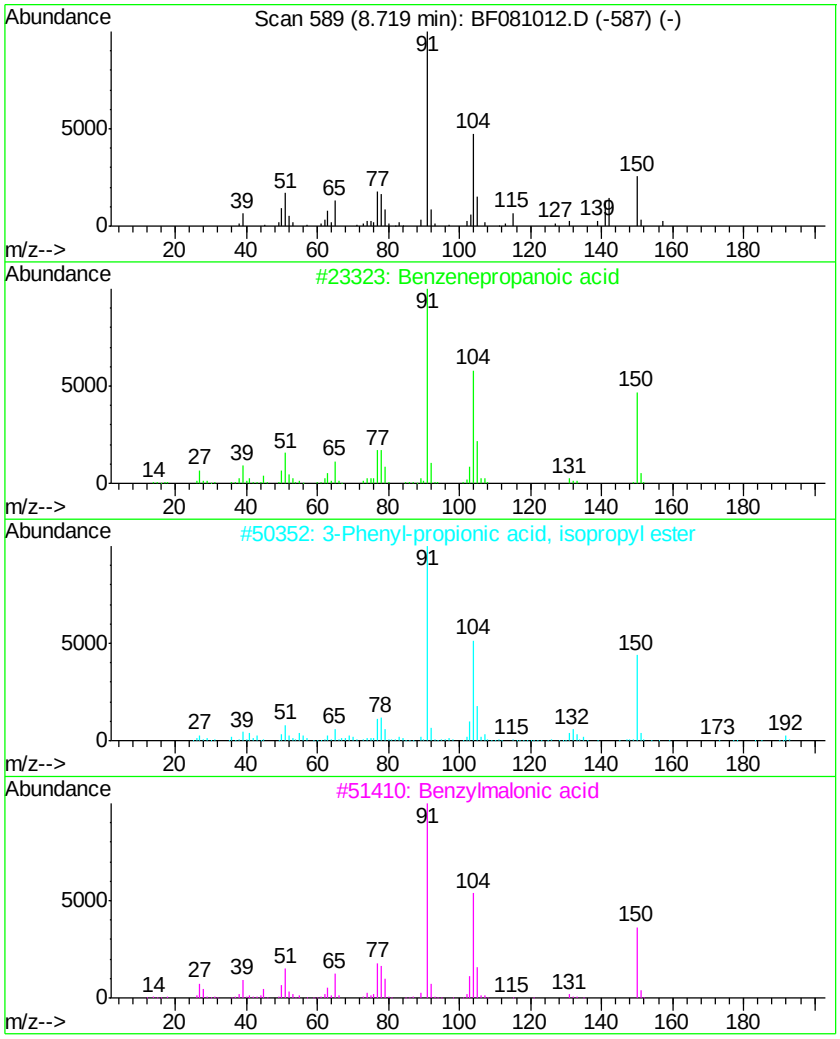
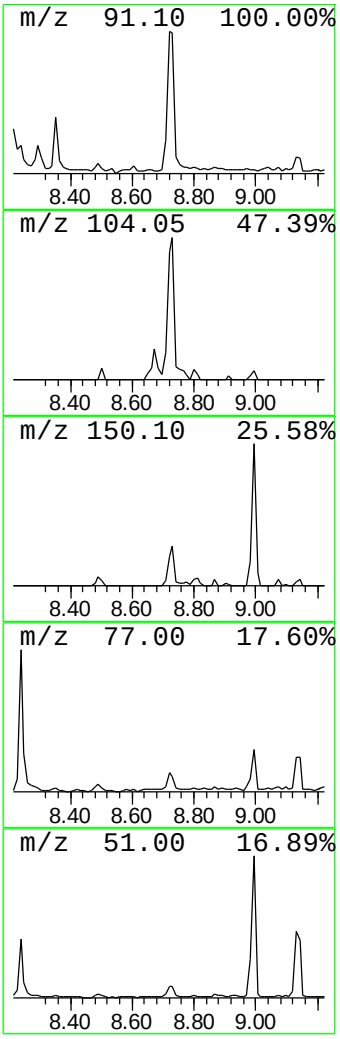
Peak Number 12 Benzenepropanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	4.74 ng	133471	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid	150	C9H10O2	000501-52-0	94
2	3-Phenyl-propionic acid, isoprop...	192	C12H16O2	022767-95-9	64
3	Benzylmalonic acid	194	C10H10O4	000616-75-1	59
4	Cyclohexyl-.beta.-phenylpropionate	232	C15H20O2	022847-18-3	40
5	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	38





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ClientSampleId : TEC-1

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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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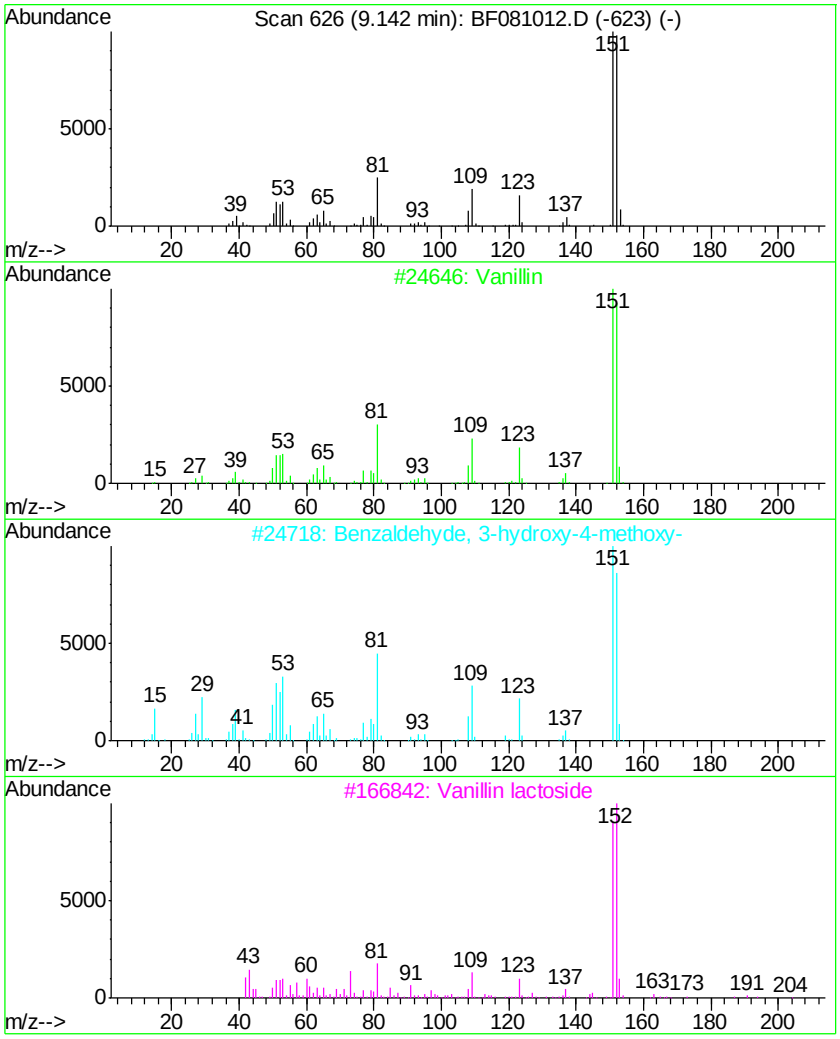
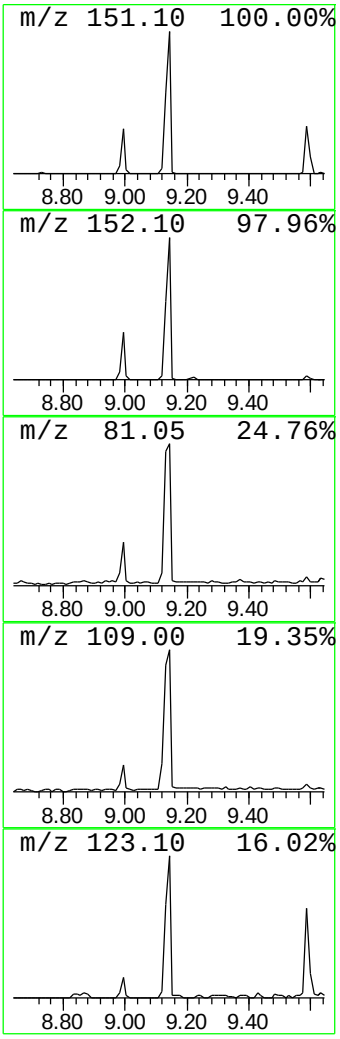
Peak Number 13 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	25.53 ng	749385	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	Vanillin lactoside	476	C20H28O13	1000129-94-7	78
4	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	68
5	Benzaldehyde, 2,4-dihydroxy-6-me...	152	C8H8O3	000487-69-4	64





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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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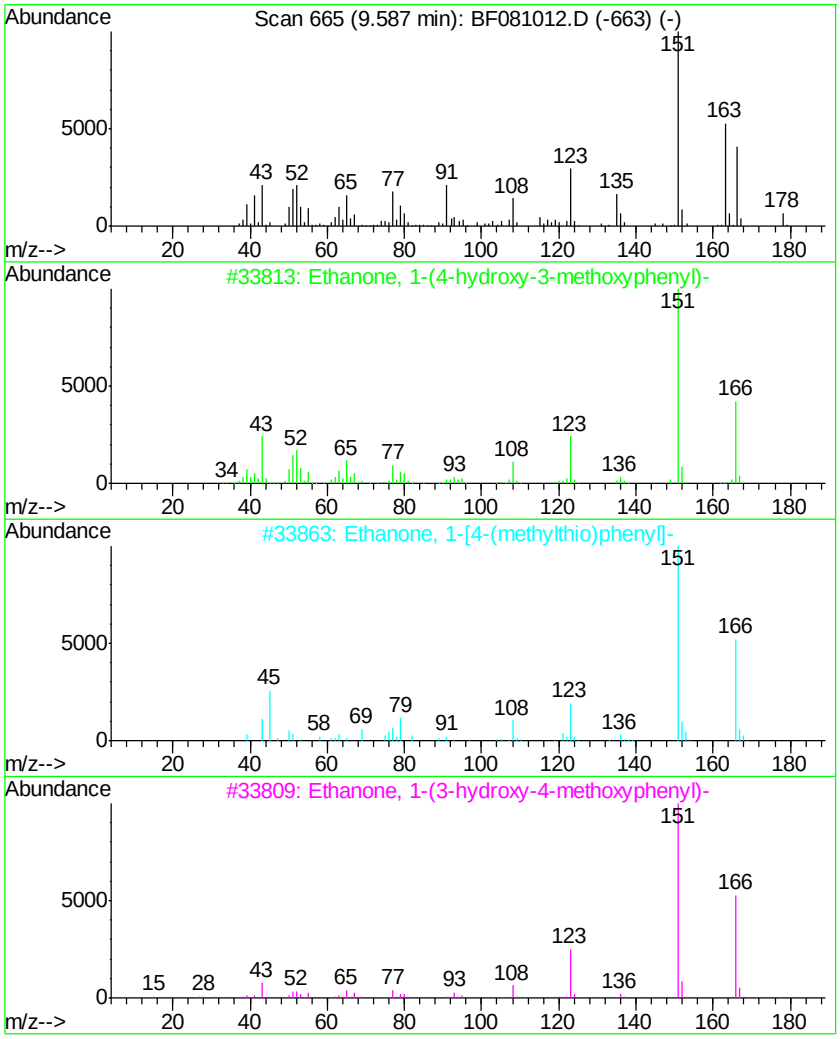
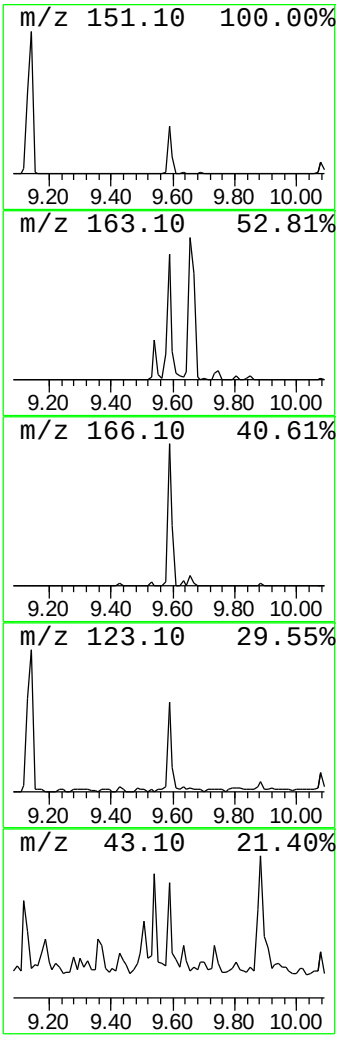
Peak Number 14 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	9.09 ng	266669	Acenaphthene-d10	9.66

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-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	50
3	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	43
4	Ethanone, 1-(2-hydroxy-6-methoxy...	166	C9H10O3	000703-23-1	41
5	Benzofuran-4(5H)-one, 6,7-dihydr...	151	C8H9NO2	061190-46-3	38





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Sample : G3256-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-1

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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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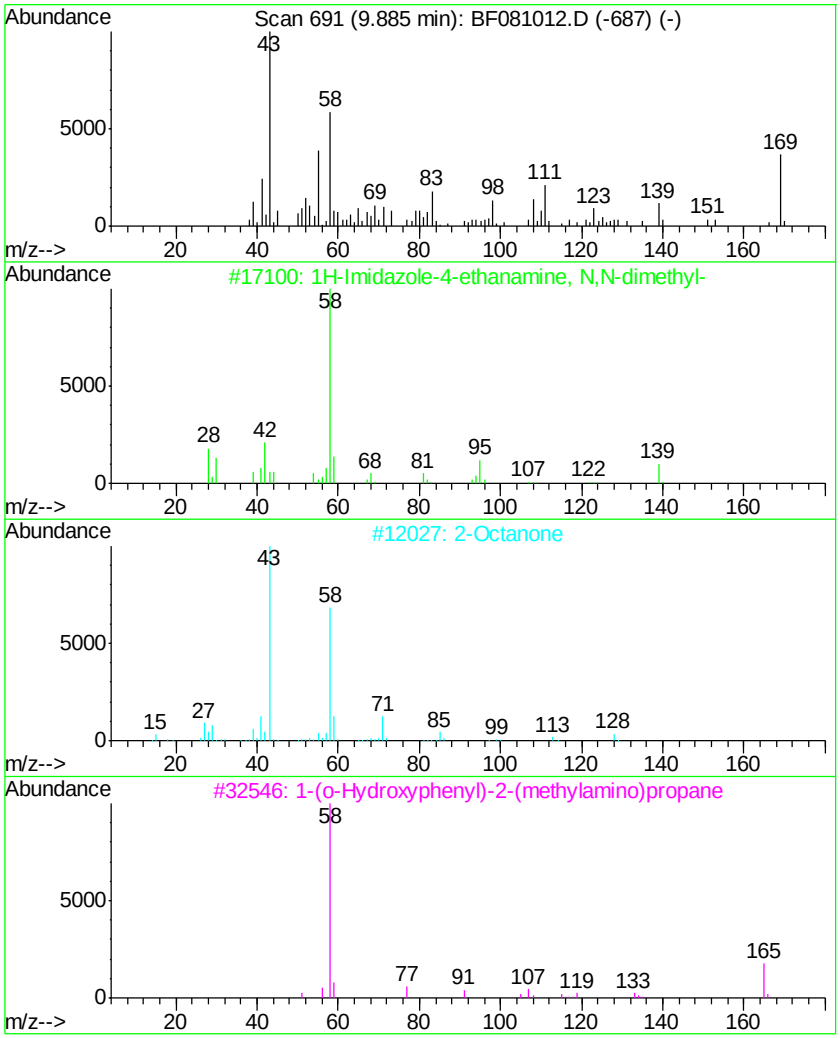
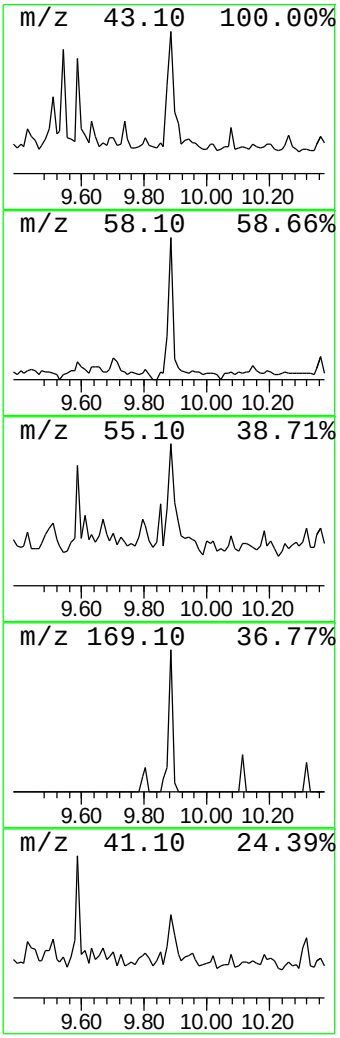
Peak Number 15 unknown9.88 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	5.53 ng	162354	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole-4-ethanamine, N,N-d...	139	C7H13N3	000673-46-1	22
2	2-Octanone	128	C8H16O	000111-13-7	14
3	1-(o-Hydroxyphenyl)-2-(methylami...	165	C10H15NO	000582-43-4	14
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	14
5	2-Heptanone	114	C7H14O	000110-43-0	14





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Sample : G3256-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-1

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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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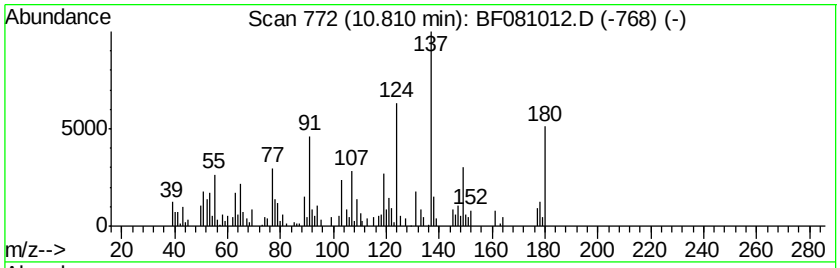
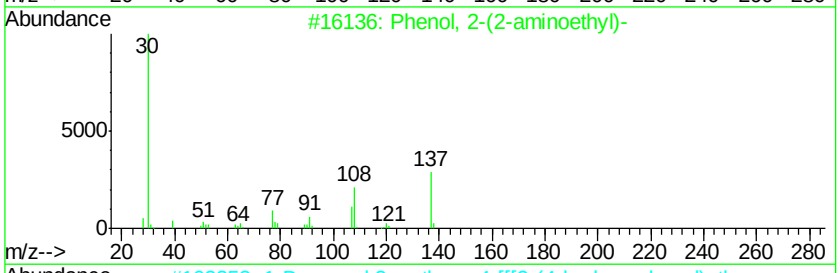
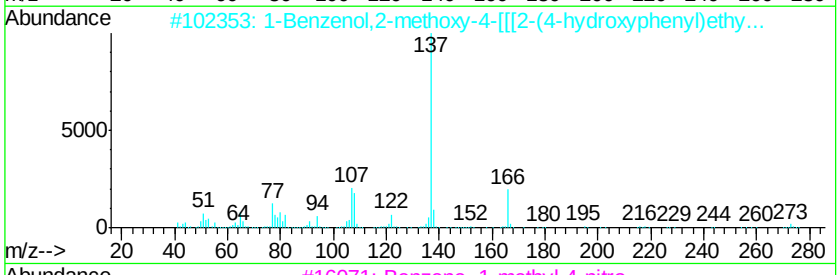
Peak Number 16 unknown10.81 Concentration Rank 20

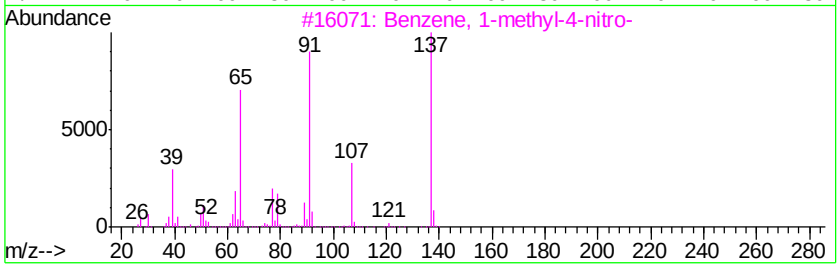
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	4.33 ng	135949	Phenanthrene-d10	11.13

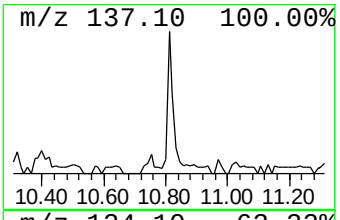
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2-aminoethyl)-	137	C8H11NO	002039-66-9	25
2	1-Benzenol,2-methoxy-4-[[[2-(4-h...	273	C16H19NO3	033120-06-8	22
3	Benzene, 1-methyl-4-nitro-	137	C7H7NO2	000099-99-0	22
4	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	18
5	Benzonitrile, 2-chloro-	137	C7H4ClN	000873-32-5	14

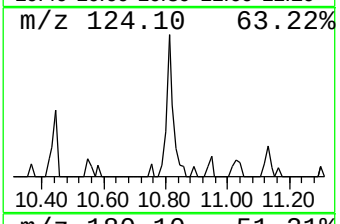


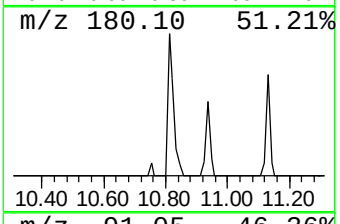


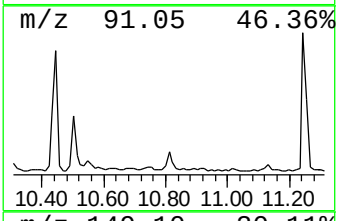


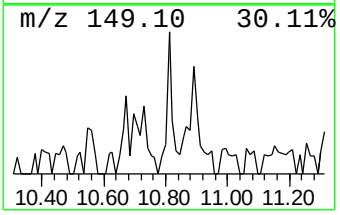












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Operator : UM/IZ
Sample : G3256-02
Misc :
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ClientSampleId : TEC-1

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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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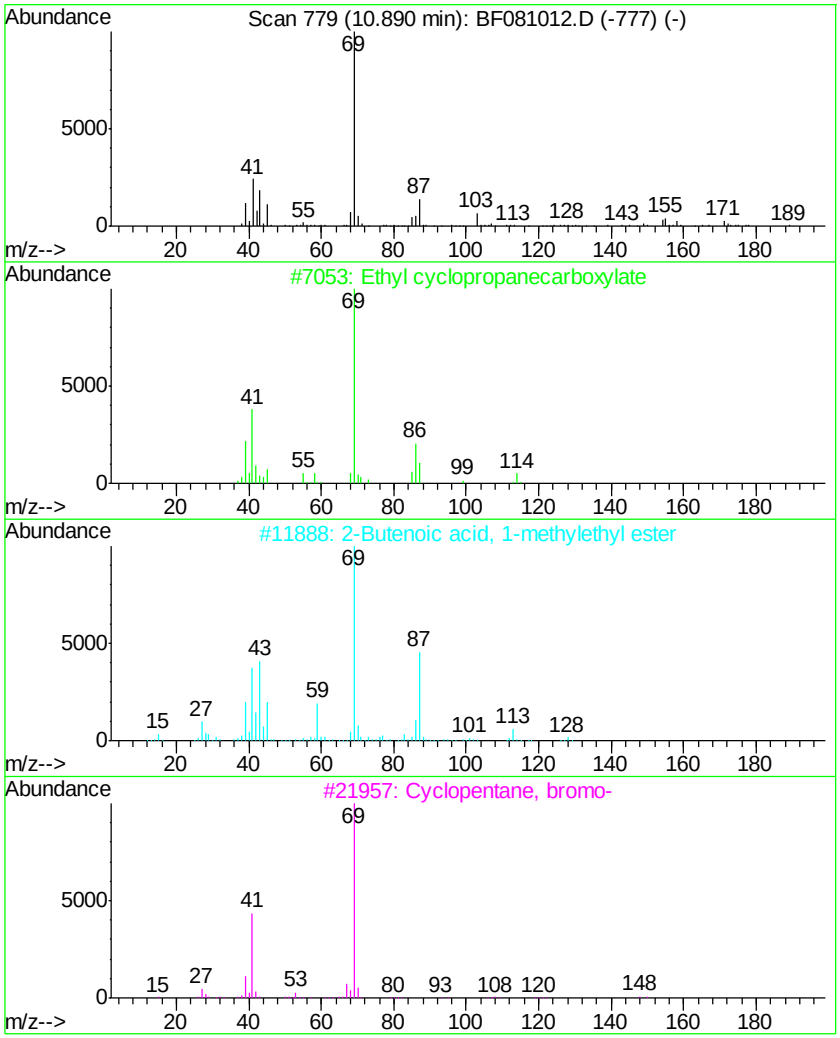
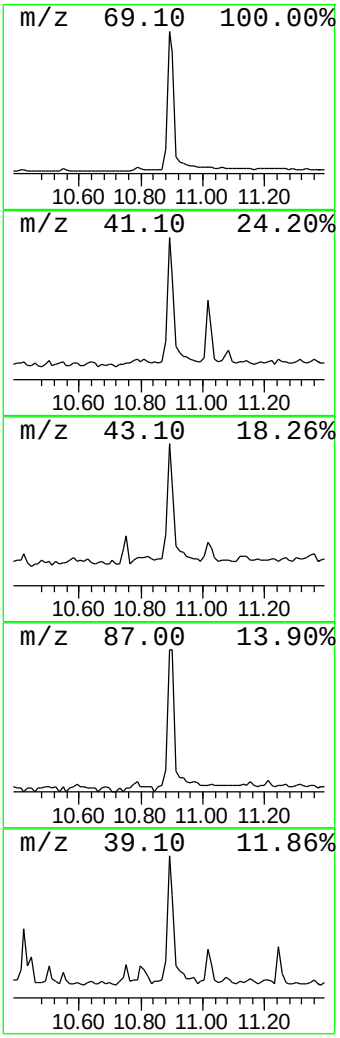
Peak Number 17 unknown10.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	10.44 ng	327817	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
2	2-Butenoic acid, 1-methylethyl e...	128	C7H12O2	018060-77-0	10
3	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	9
4	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	9
5	Cyclopropanecarboxylic acid,pent...	156	C9H16O2	060128-02-1	9





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ClientSampleId : TEC-1

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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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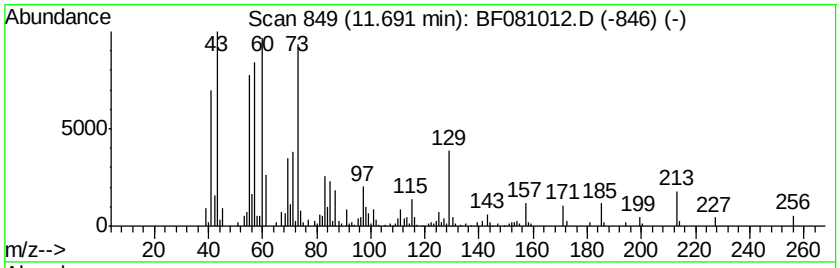
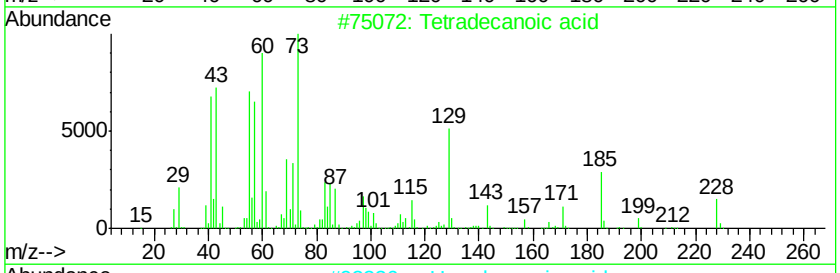
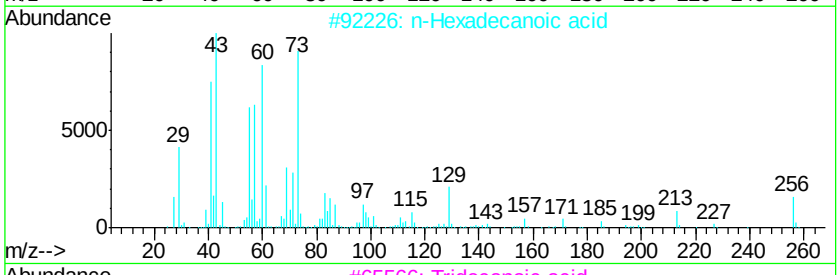
Peak Number 18 Tetradecanoic acid Concentration Rank 7

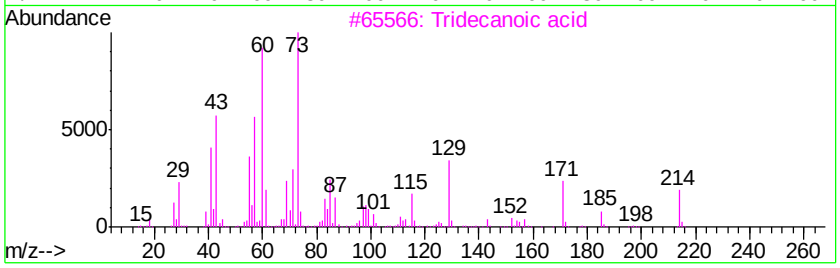
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	10.85 ng	340848	Phenanthrene-d10	11.13

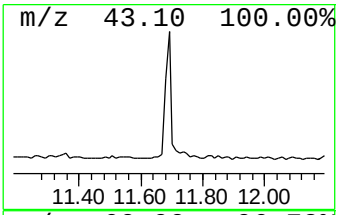
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70

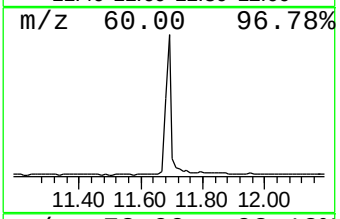


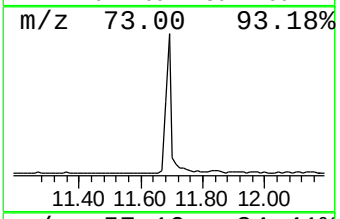


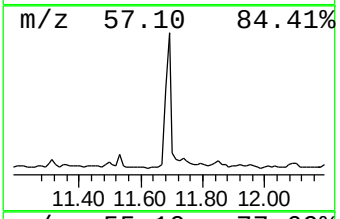


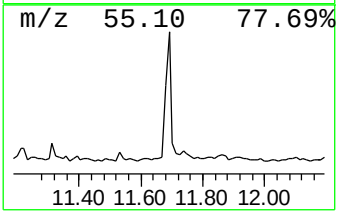












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

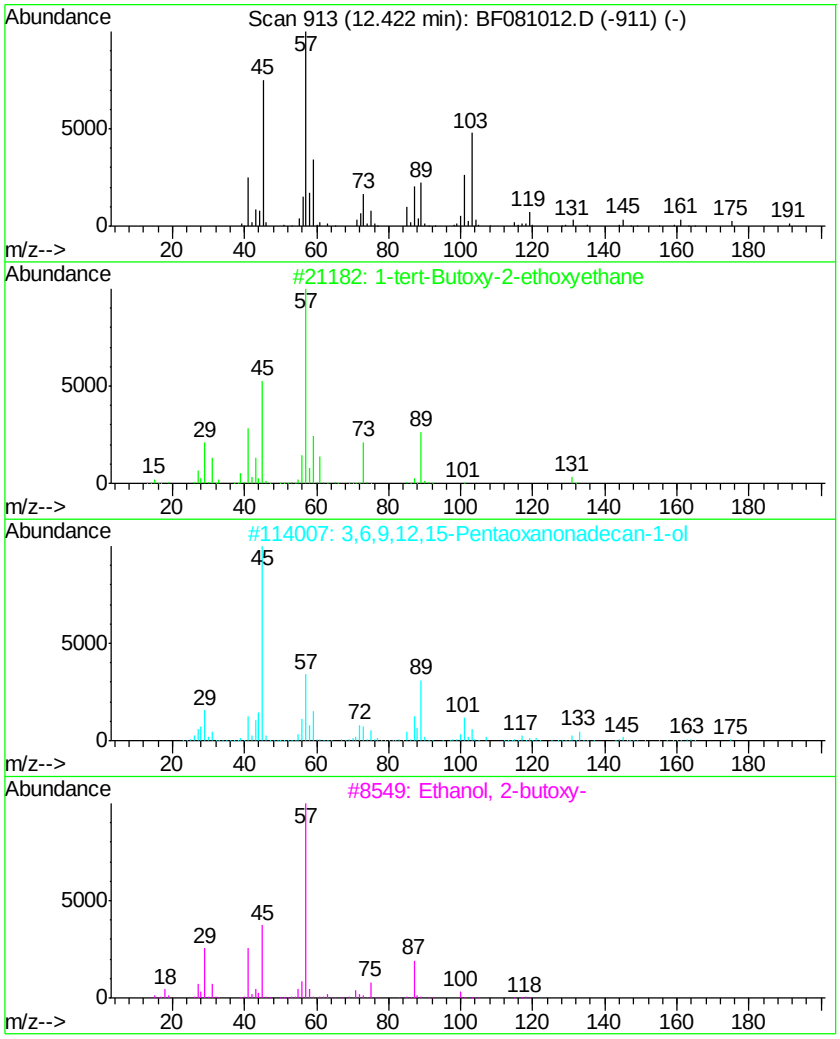
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

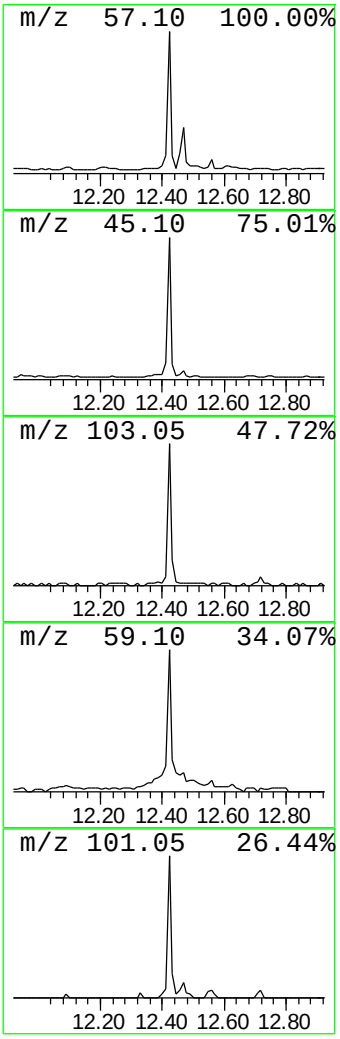
****

Peak Number 19 unknown12.42 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.16 ng	193388	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	38
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	38
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	38
5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

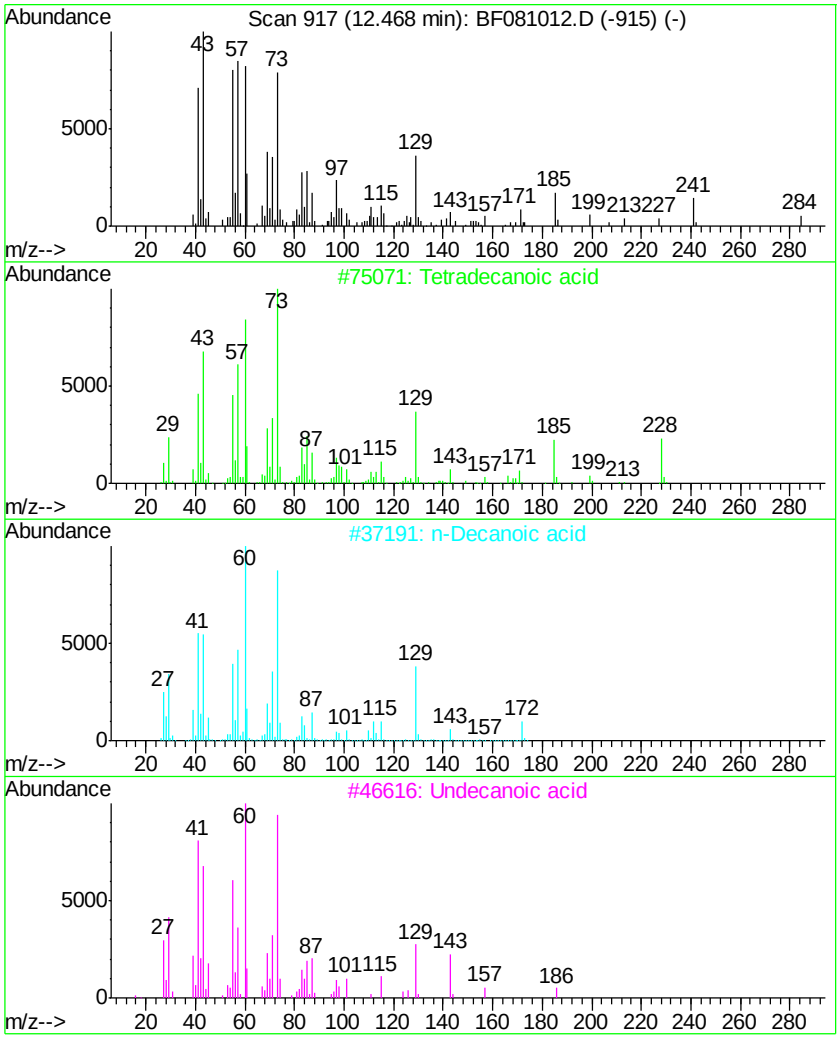
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

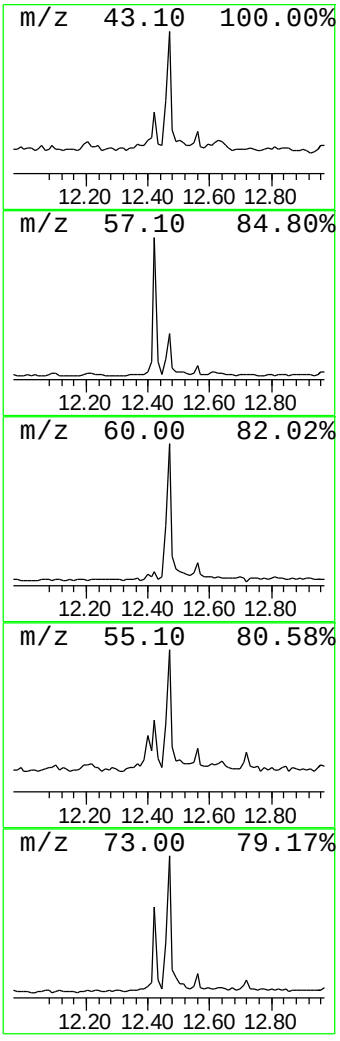
****

Peak Number 20 n-Decanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	8.80 ng	168664	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081012.D
Acq On : 17 Aug 2015 19:47
Operator : UM/IZ
Sample : G3256-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.74	20.3	ng	460072	1	6.63	453400	20.0
unknown4.89	4.89	6.0	ng	136473	1	6.63	453400	20.0
unknown6.39	6.39	59.0	ng	1338340	1	6.63	453400	20.0
1-Hexanol, 2-ethyl-	6.71	7.7	ng	174109	1	6.63	453400	20.0
Hexanoic acid, 2-...	7.34	5.3	ng	148972	2	7.91	563721	20.0
Ethanol, 2-(2-but...	7.84	5.4	ng	153416	2	7.91	563721	20.0
Benzothiazole	8.19	10.3	ng	291545	2	7.91	563721	20.0
1-Phenoxypropan-2-ol	8.24	13.6	ng	384168	2	7.91	563721	20.0
unknown8.66	8.66	18.8	ng	528503	2	7.91	563721	20.0
Benzenepropanoic ...	8.72	4.7	ng	133471	2	7.91	563721	20.0
Vanillin	9.14	25.5	ng	749385	3	9.66	586998	20.0
Ethanone, 1-(4-hy...	9.59	9.1	ng	266669	3	9.66	586998	20.0
unknown9.88	9.88	5.5	ng	162354	3	9.66	586998	20.0
unknown10.81	10.81	4.3	ng	135949	4	11.13	628019	20.0
unknown10.89	10.89	10.4	ng	327817	4	11.13	628019	20.0
Tetradecanoic acid	11.69	10.9	ng	340848	4	11.13	628019	20.0
unknown12.42	12.42	6.2	ng	193388	4	11.13	628019	20.0
n-Decanoic acid	12.47	8.8	ng	168664	5	13.75	383148	20.0