LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076914.D
Acq On : 16 Jan 2015 18:29
Operator : IZ / TP
Sample : G1091-04
Misc : W
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-P

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-BF011415.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	1.453	31	32	42	rVV	84782	171629	1.77%	0.793%
2	4.596	285	307	310	rBV3	16870	133611	1.38%	0.617%
3	5.042	343	346	356	rBV	202952	405584	4.19%	1.874%
4	7.373	548	550	556	rBV	119635	258377	2.67%	1.194%
5	7.465	556	558	564	rVV	475201	960194	9.91%	4.437%
6	7.968	599	602	606	rBV	163396	280872	2.90%	1.298%
7	8.299	627	631	634	rBV	515781	863641	8.92%	3.990%
8	9.145	702	705	712	rBV2	78132	199763	2.06%	0.923%
9	9.271	712	716	719	rBV	475137	705856	7.29%	3.261%
10	9.968	766	777	778	rBV2	34239	129479	1.34%	0.598%
11	10.619	829	834	836	rBV2	56251	144915	1.50%	0.670%
12	10.882	853	857	860	rBV	269826	403380	4.16%	1.864%
13	11.865	938	943	954	rBV	50122	119202	1.23%	0.551%
14	12.505	994	999	1006	rBV2	50660	121530	1.25%	0.562%
15	13.454	1045	1082	1083	rBV	871218	9686492	100.00%	44.756%
16	13.534	1086	1089	1092	rVV	892113	1504708	15.53%	6.952%
17	14.597	1179	1182	1185	rBV	66802	99286	1.02%	0.459%
18	15.008	1215	1218	1222	rBV	307567	543383	5.61%	2.511%
19	16.677	1361	1364	1367	rBV	633433	935130	9.65%	4.321%
20	16.803	1372	1375	1380	rVV2	69119	198680	2.05%	0.918%
21	17.774	1455	1460	1463	rVV	402478	493855	5.10%	2.282%
22	18.769	1543	1547	1555	rBV2	256293	368971	3.81%	1.705%
23	19.226	1585	1587	1589	rVB	94005	120711	1.25%	0.558%
24	19.466	1606	1608	1610	rBV	104185	134955	1.39%	0.624%
25	19.786	1633	1636	1642	rBV	134267	185399	1.91%	0.857%
26	20.003	1652	1655	1658	rVB	1235644	1530052	15.80%	7.069%
27	21.272	1761	1766	1769	rBV	428313	540625	5.58%	2.498%
28	22.963	1911	1914	1917	rBV	355849	402761	4.16%	1.861%

Sum of corrected areas: 21643041

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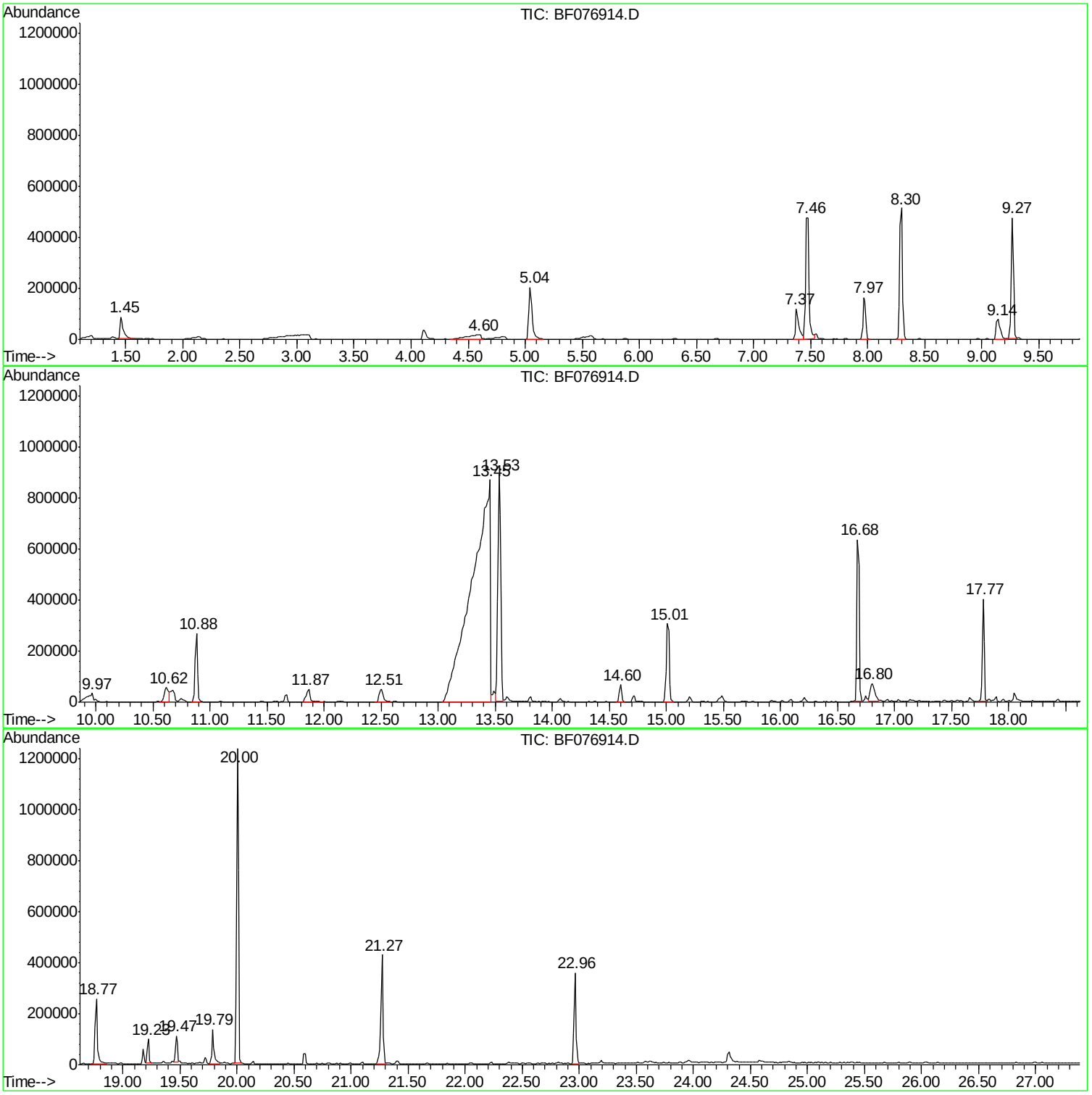
Instrument :
BNA_F
ClientSampleId :
MW-P

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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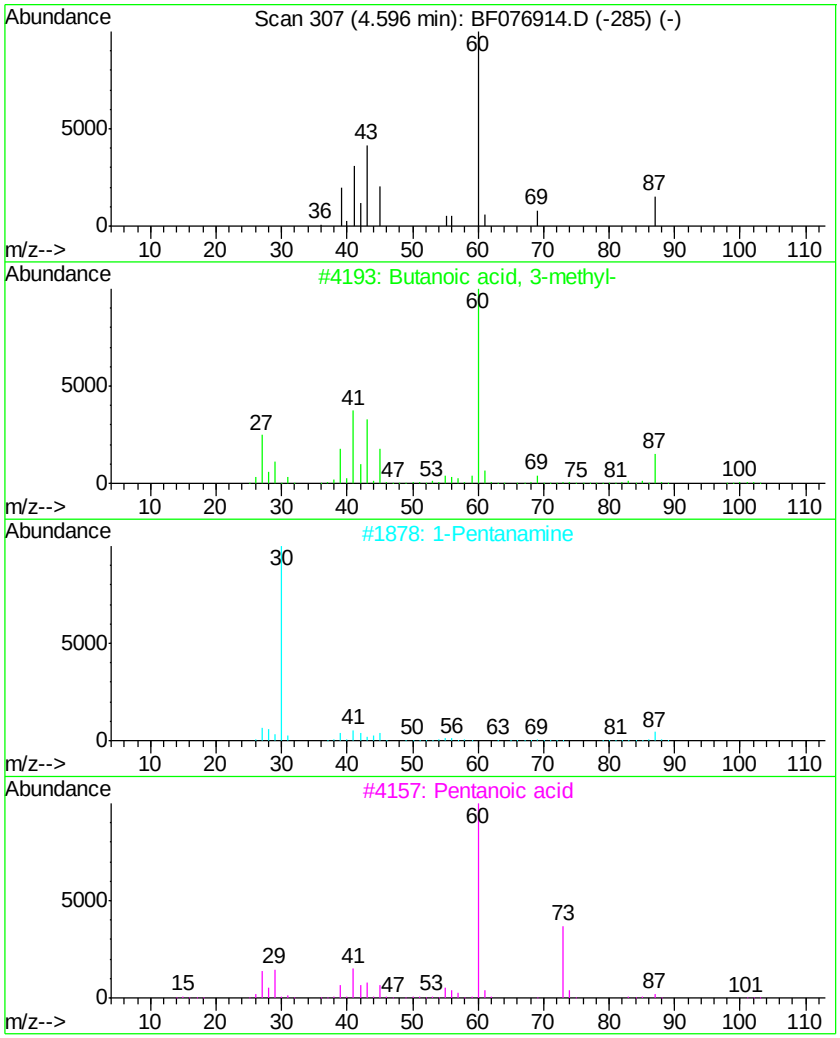
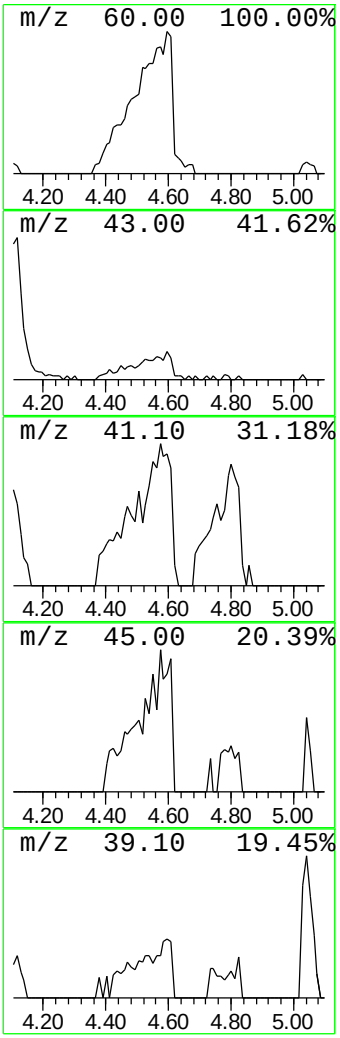
Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	9.51 ng	133611	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	1-Pentanamine	87	C5H13N	000110-58-7	9
3	Pentanoic acid	102	C5H10O2	000109-52-4	9
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	9
5	Hexanoic acid	116	C6H12O2	000142-62-1	9





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-P

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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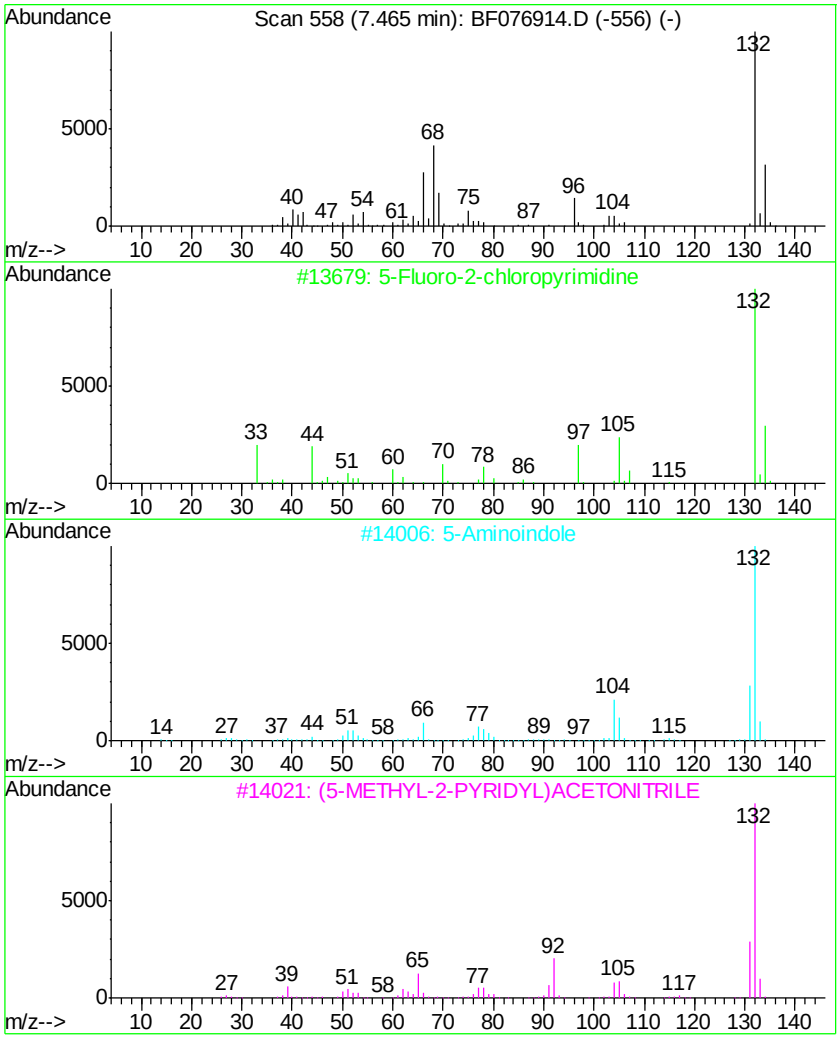
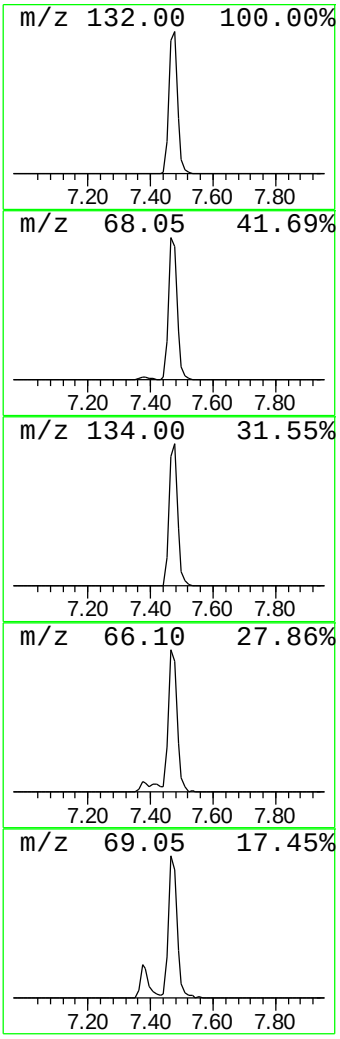
Peak Number 3 unknown7.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	68.37 ng	960194	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : MW-P

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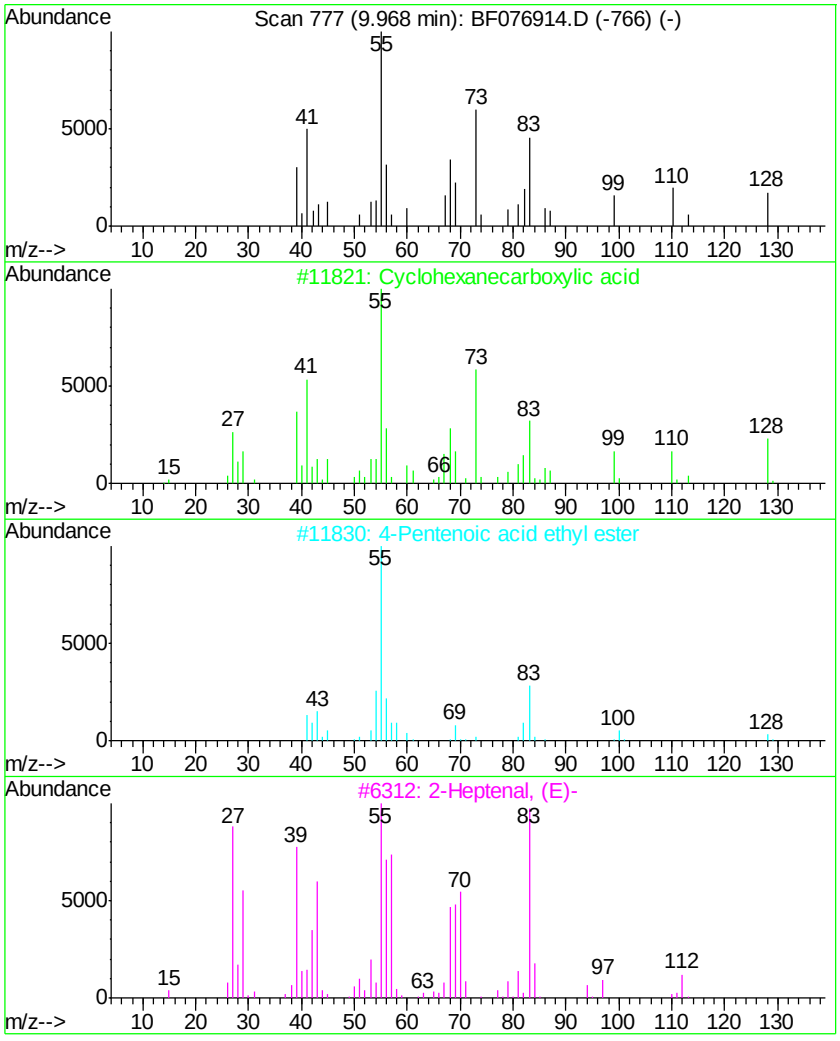
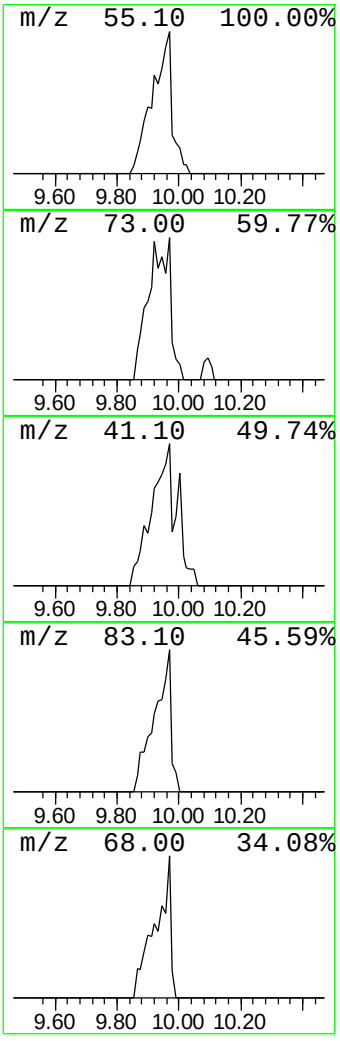
Peak Number 5 Cyclohexanecarboxylic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	6.42 ng	129479	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	96
2	4-Pentenoic acid ethyl ester	128	C7H12O2	001968-40-7	17
3	2-Heptenal, (E)-	112	C7H12O	018829-55-5	17
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	17
5	Oxazole, 4,5-dihydro-2,5-dimethyl-	99	C5H9NO	006159-22-4	16





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Instrument : BNA_F
ClientSampleId : MW-P

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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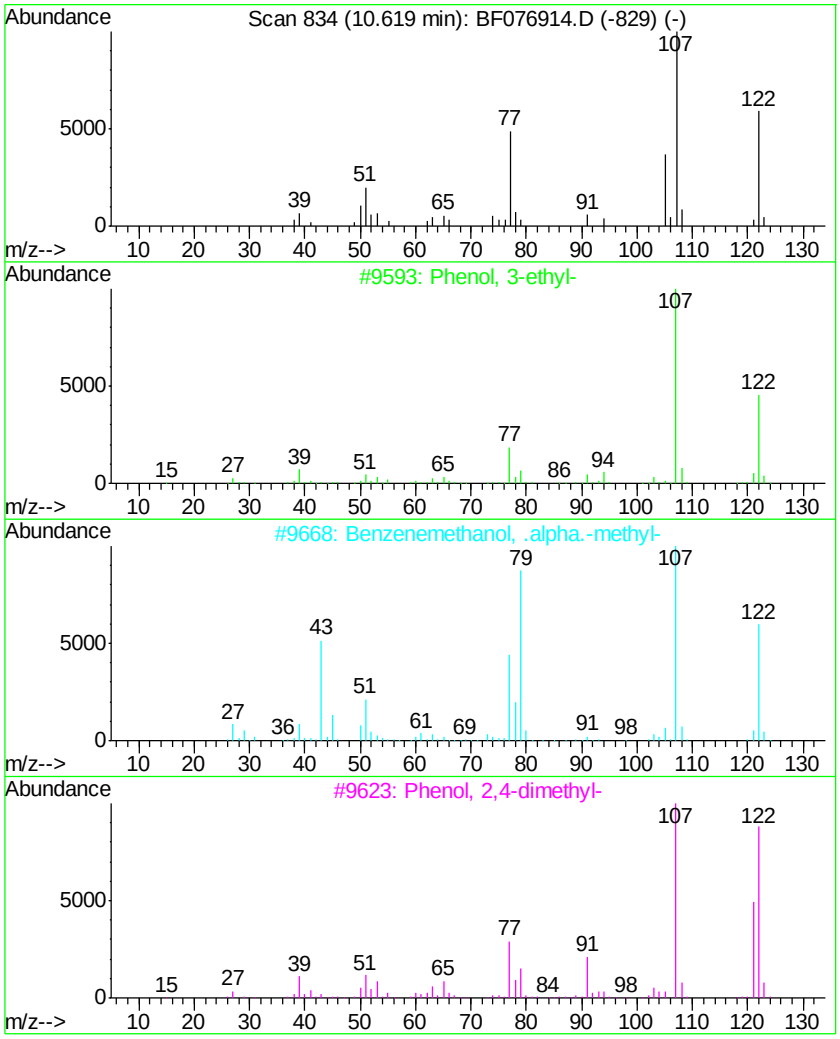
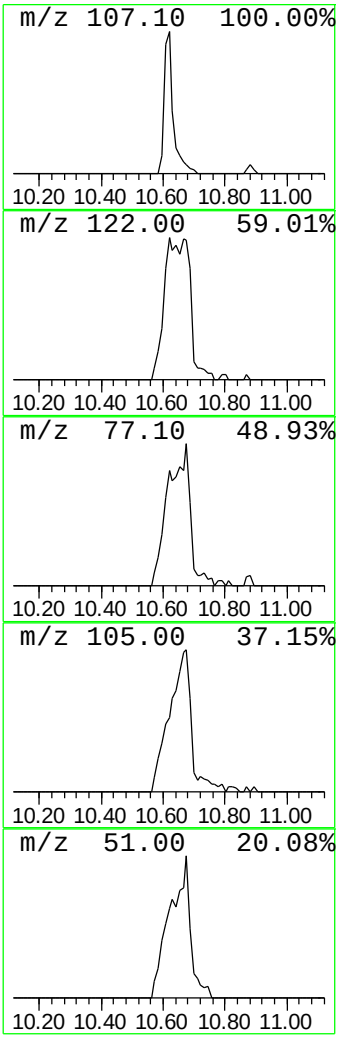
Peak Number 6 Phenol, 3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.19 ng	144915	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	72
2	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	72
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	72
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	64
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	64





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Instrument : BNA_F
ClientSampleId : MW-P

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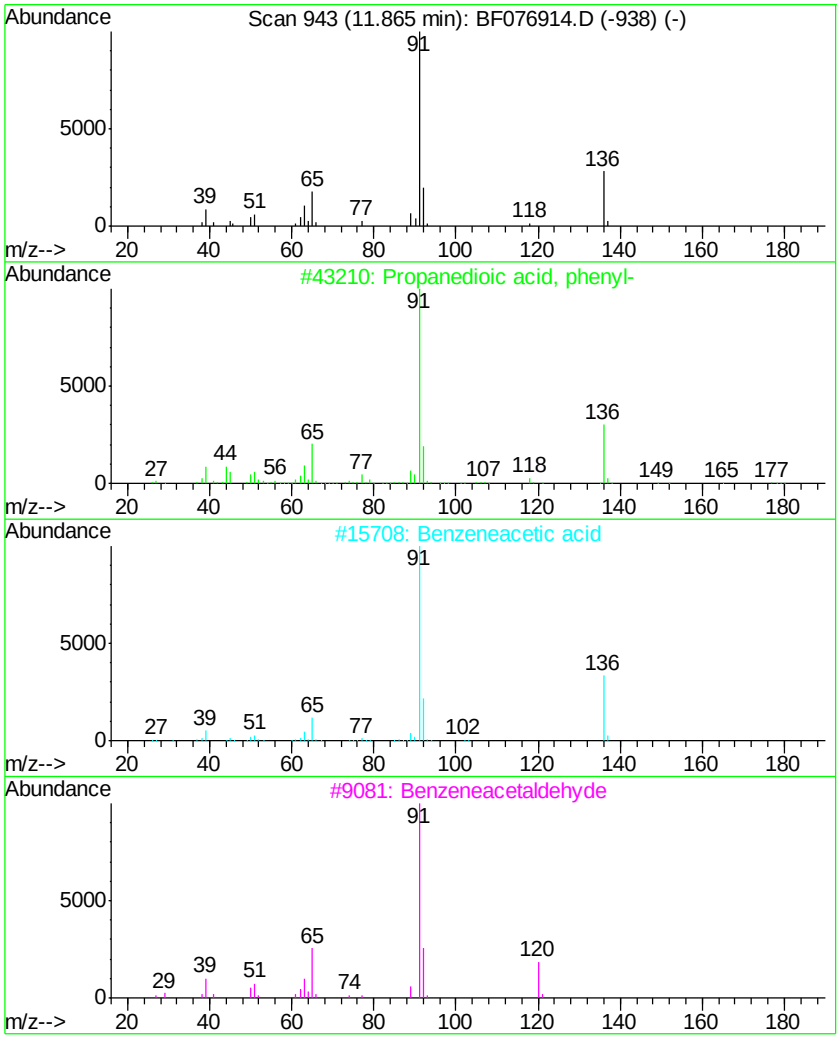
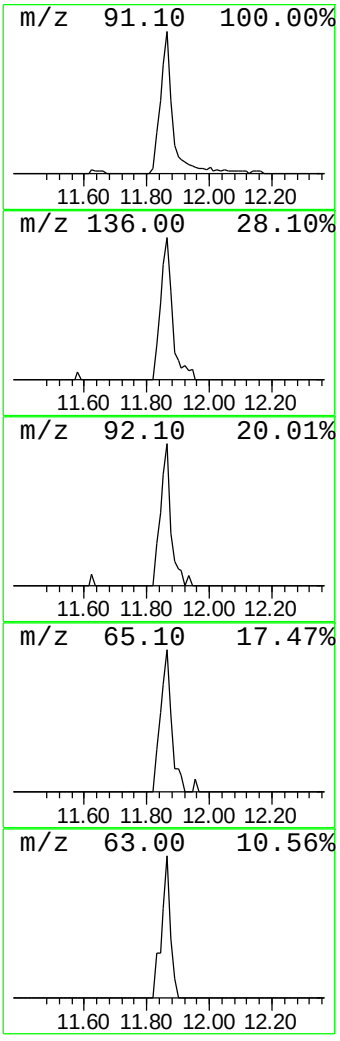
Peak Number 7 Propanedioic acid, phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.91 ng	119202	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	90
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	86
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53
4	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	53
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	53





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Instrument : BNA_F
ClientSampleId : MW-P

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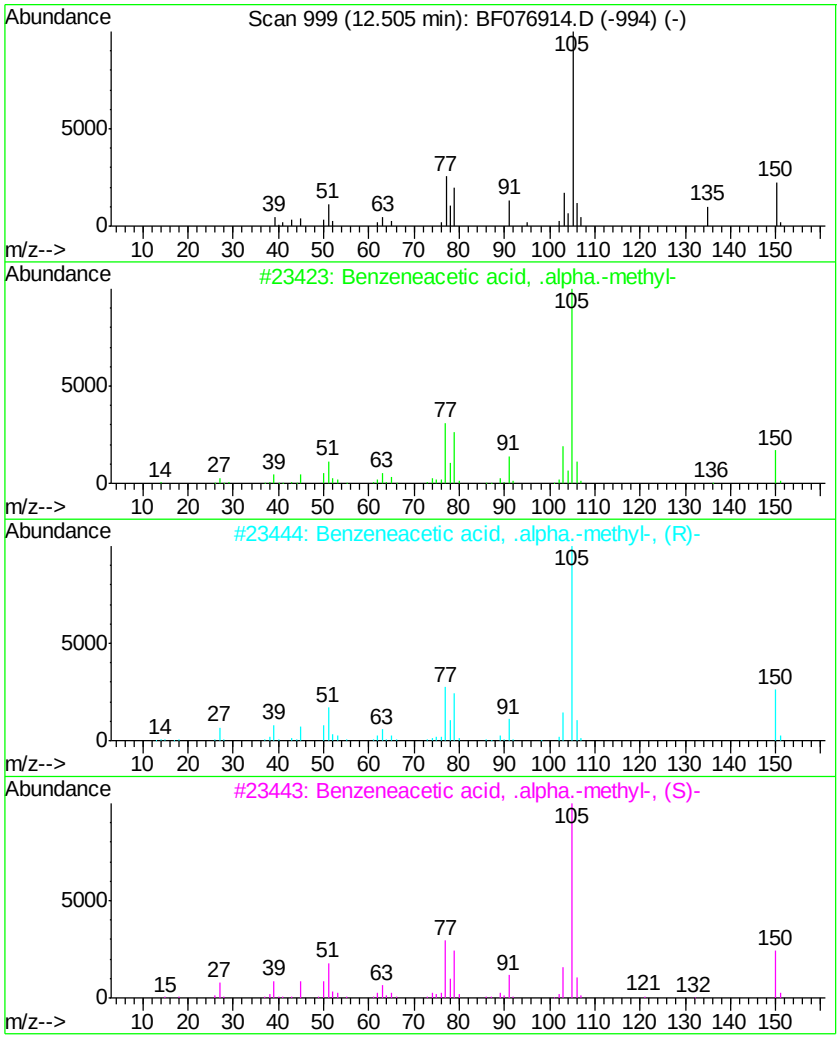
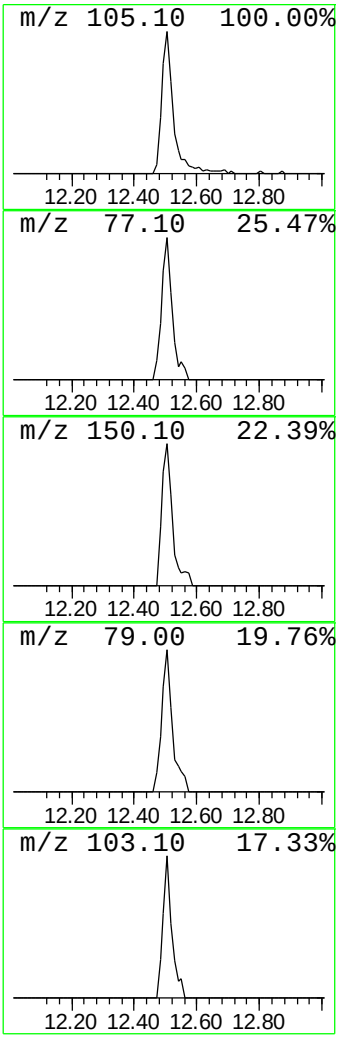
Peak Number 8 Benzeneacetic acid, .alpha.... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.03 ng	121530	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	90
2	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	87
3	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	87
4	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	86
5	p-Tolylacetic acid	150	C9H10O2	000622-47-9	83





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TIC Library : C:\DATABASE\NIST02.L
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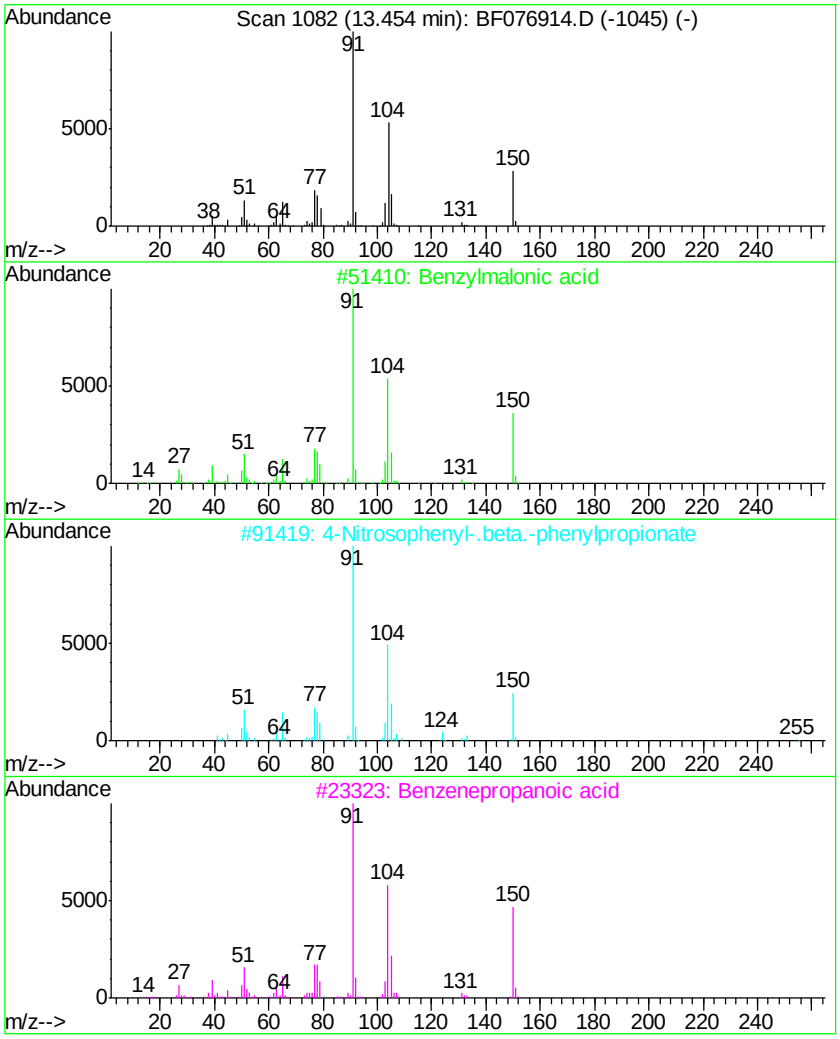
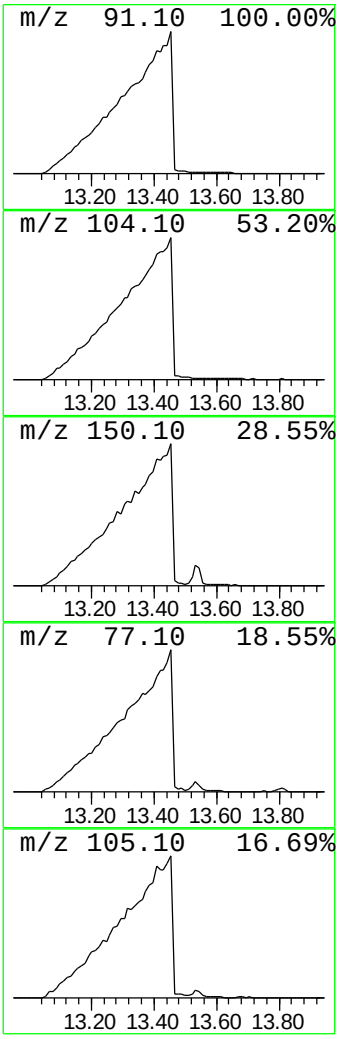
Peak Number 9 Benzylmalonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	356.53 ng	9686490	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzylmalonic acid	194	C10H10O4	000616-75-1	91
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	91
3	Benzenepropanoic acid	150	C9H10O2	000501-52-0	90
4	Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	59
5	Benzenepropanoic acid, octyl ester	262	C17H26O2	037826-57-6	56





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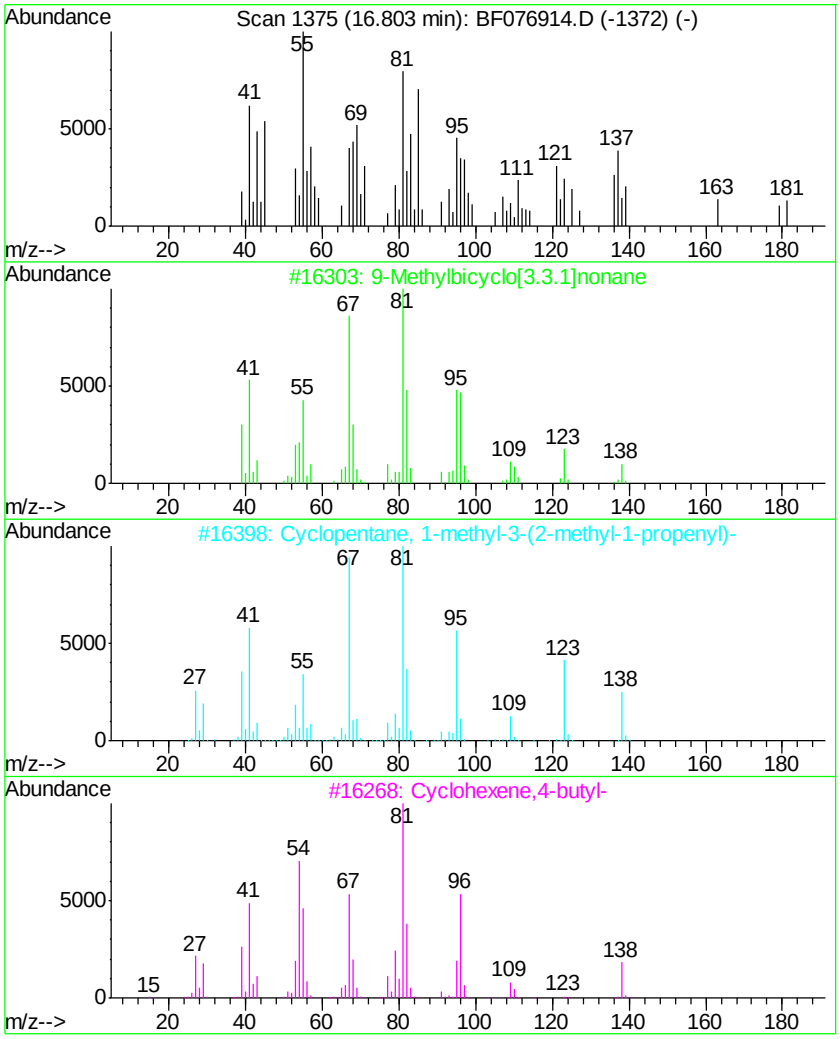
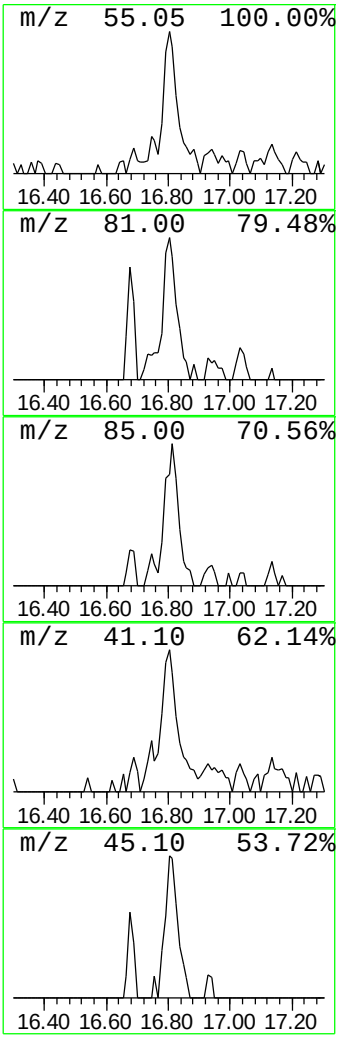
Peak Number 10 unknown16.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	8.05 ng	198680	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	45
2	Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	38
3	Cyclohexene,4-butyl-	138	C10H18	021524-26-5	38
4	6-Methyloctahydrocoumarin	168	C10H16O2	080648-29-9	35
5	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	30





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

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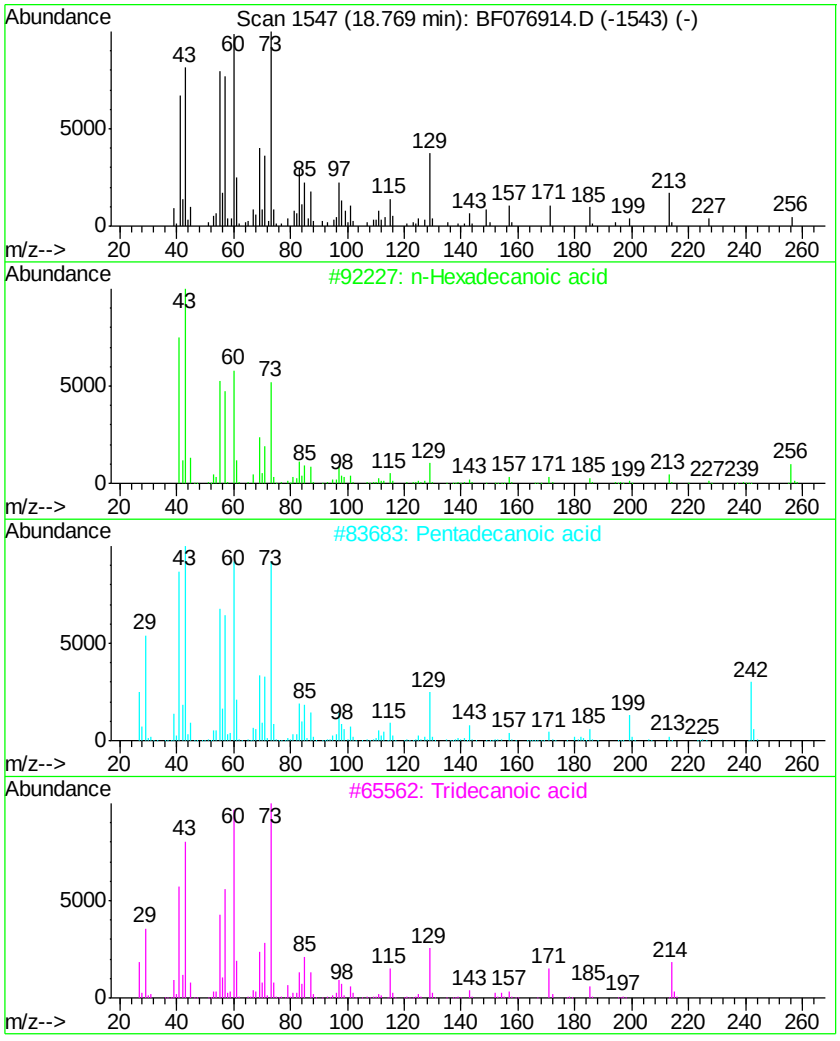
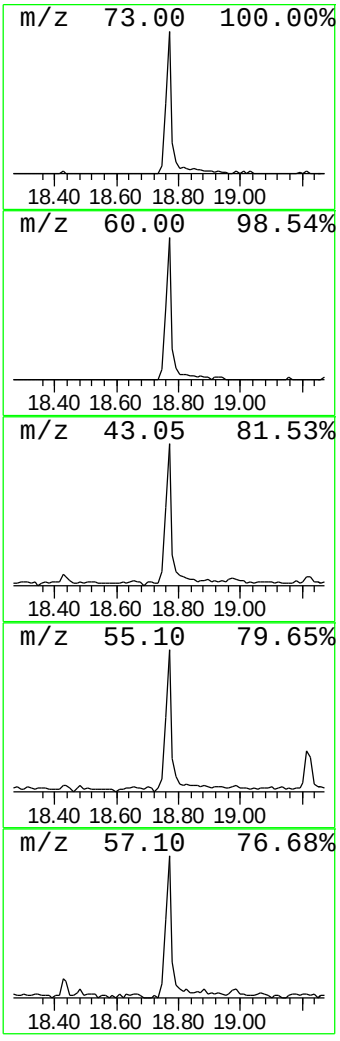
Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	14.94 ng	368971	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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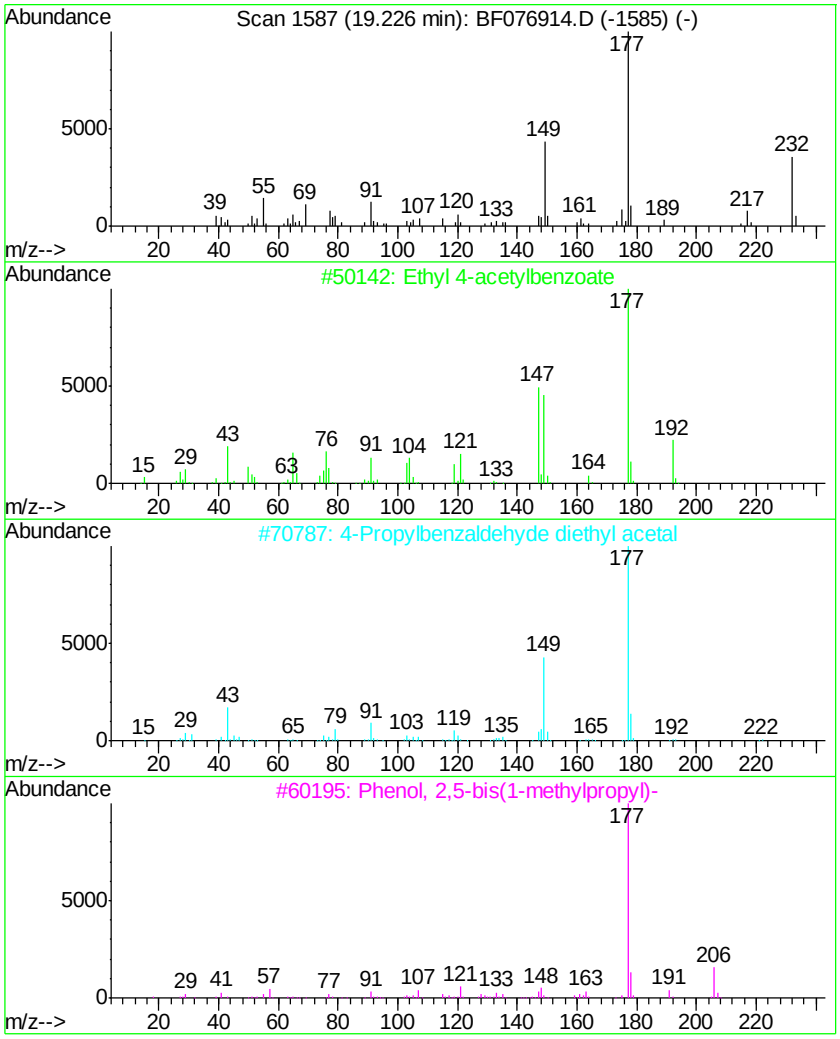
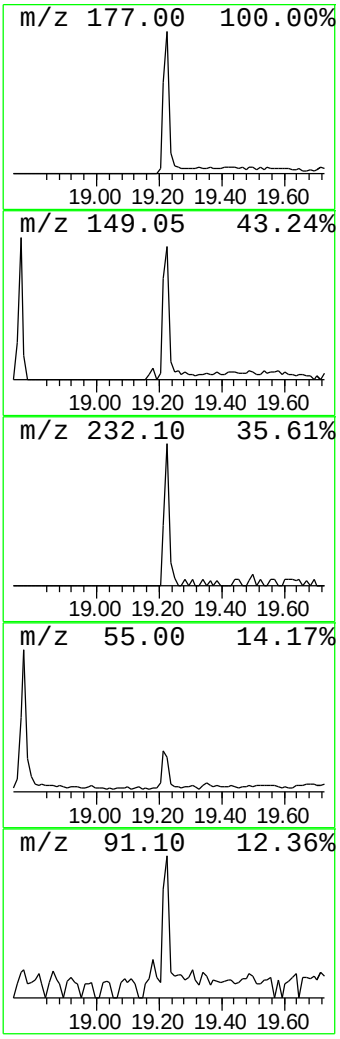
Peak Number 12 unknown19.23 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	4.89 ng	120711	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 4-acetylbenzoate	192	C11H12O3	038430-55-6	45
2	4-Propylbenzaldehyde diethyl acetal	222	C14H22O2	089557-35-7	45
3	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	43
4	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	43
5	4-Phenylurazole	177	C8H7N3O2	015988-11-1	38





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Data File : BF076914.D
Acq On : 16 Jan 2015 18:29
Operator : IZ / TP
Sample : G1091-04
Misc : W
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-P

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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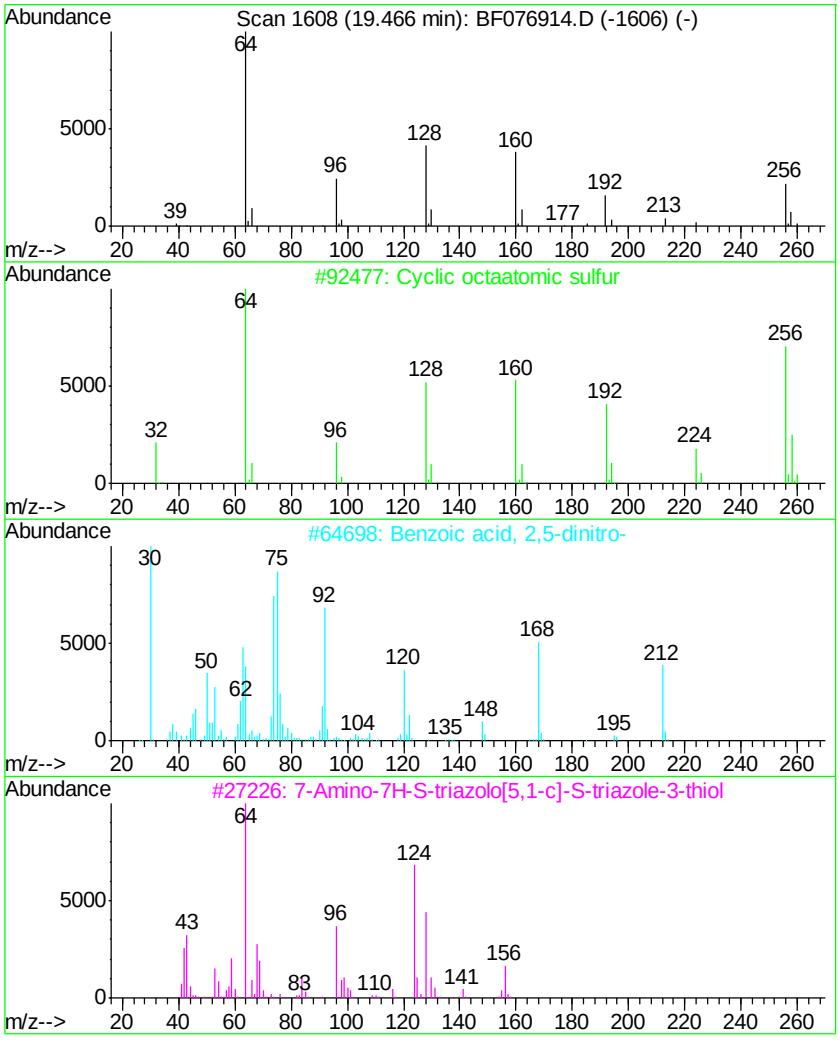
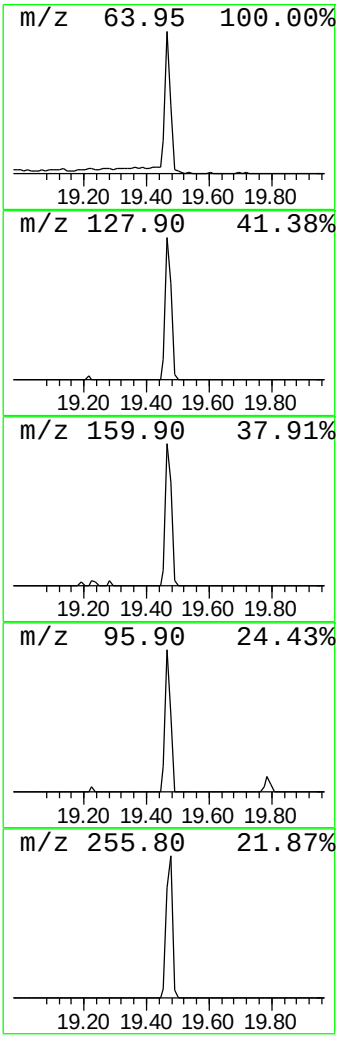
Peak Number 13 Cyclic octaatomic sulfur Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	5.47 ng	134955	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
2	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	53
3	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	39
4	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
5	Methanethiol, N-(p-methoxyphenet...	304	C11H16N2O4S2	040283-94-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076914.D
Acq On : 16 Jan 2015 18:29
Operator : IZ / TP
Sample : G1091-04
Misc : W
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-P

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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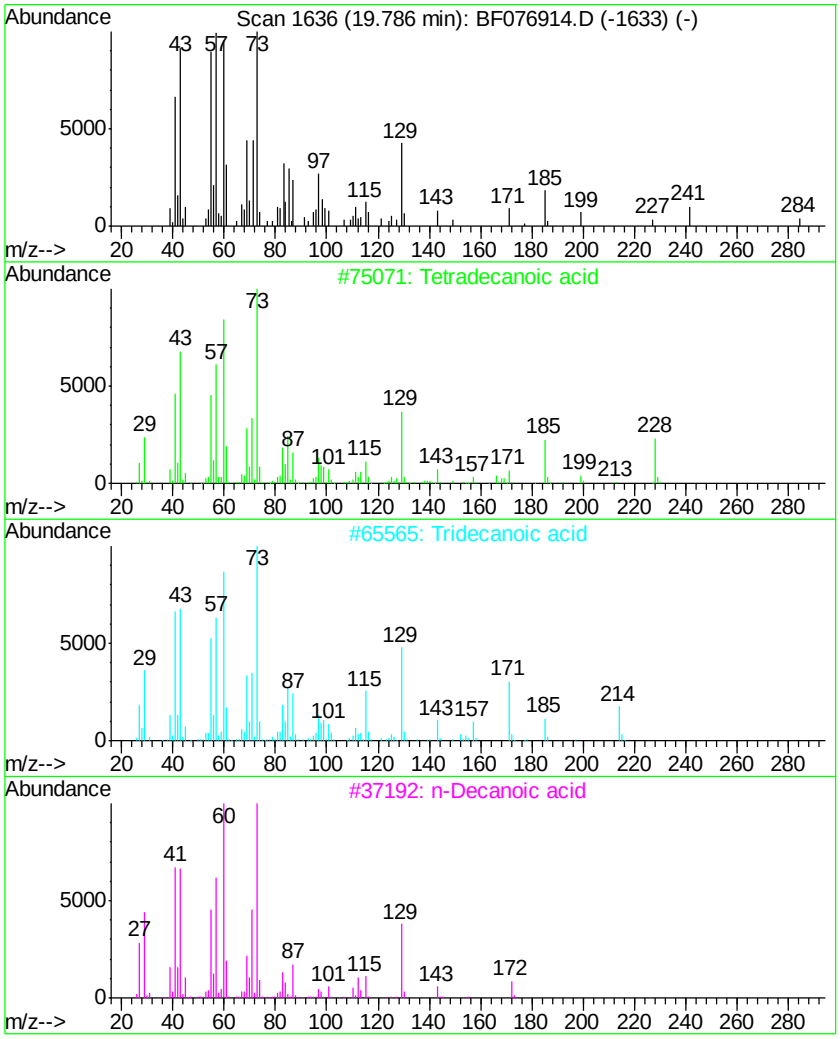
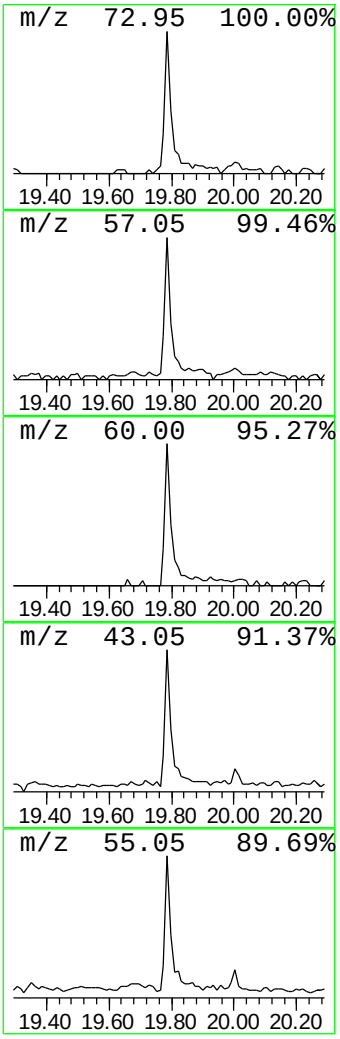
Peak Number 14 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	6.86 ng	185399	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	27
5	Tridecane	184	C13H28	000629-50-5	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011615\
Data File : BF076914.D
Acq On : 16 Jan 2015 18:29
Operator : IZ / TP
Sample : G1091-04
Misc : W
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-P

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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
Butanoic acid, 3-...	4.60	9.5	ng	133611	1	7.98	280872	20.0
unknown7.46	7.46	68.4	ng	960194	1	7.98	280872	20.0
Cyclohexanecarbox...	9.97	6.4	ng	129479	2	10.88	403380	20.0
Phenol, 3-ethyl-	10.62	7.2	ng	144915	2	10.88	403380	20.0
Propanedioic acid...	11.87	5.9	ng	119202	2	10.88	403380	20.0
Benzeneacetic aci...	12.51	6.0	ng	121530	2	10.88	403380	20.0
Benzylmalonic acid	13.45	356.5	ng	9686490	3	15.01	543383	20.0
unknown16.80	16.80	8.1	ng	198680	4	17.77	493855	20.0
n-Hexadecanoic acid	18.77	14.9	ng	368971	4	17.77	493855	20.0
unknown19.23	19.23	4.9	ng	120711	4	17.77	493855	20.0
Cyclic octaatomic...	19.47	5.5	ng	134955	4	17.77	493855	20.0
Tetradecanoic acid	19.79	6.9	ng	185399	5	21.27	540625	20.0