LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082410.D
Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

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-BF101015.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	3.509	113	120	123	rBV2	12554	40960	1.19%	0.131%
2	4.263	172	186	189	rBV3	17158	101763	2.95%	0.325%
3	4.926	242	244	248	rBV	77855	99402	2.88%	0.318%
4	5.132	248	262	264	rVV	54883	305801	8.87%	0.977%
5	5.246	265	272	276	rVB2	40129	133523	3.87%	0.427%
6	5.360	280	282	292	rVB	653403	701628	20.36%	2.243%
7	5.532	292	297	299	rBV2	43776	77573	2.25%	0.248%
8	5.566	299	300	303	rVB	323196	415729	12.06%	1.329%
9	6.320	364	366	368	rBV	35807	38289	1.11%	0.122%
10	6.412	371	374	377	rBV2	445716	802020	23.27%	2.564%
11	6.480	377	380	383	rVB	106140	225066	6.53%	0.719%
12	6.537	383	385	387	rBV	1482664	1465661	42.53%	4.685%
13	6.583	387	389	398	rVB2	53717	130573	3.79%	0.417%
14	6.766	403	405	409	rBV	717533	652959	18.95%	2.087%
15	6.835	409	411	414	rBV	782618	746598	21.66%	2.386%
16	6.926	417	419	421	rVV	2271228	2168384	62.92%	6.931%
17	7.029	426	428	432	rVB3	18724	40236	1.17%	0.129%
18	7.166	436	440	442	rBV2	56031	107303	3.11%	0.343%
19	7.337	453	455	458	rVB	1115384	1487234	43.16%	4.754%
20	7.486	463	468	469	rBV	133128	231948	6.73%	0.741%
21	7.566	474	475	477	rBV	39049	44918	1.30%	0.144%
22	7.600	477	478	481	rVB	47163	60358	1.75%	0.193%
23	7.795	491	495	497	rBV4	86332	214223	6.22%	0.685%
24	7.875	497	502	505	rVV	371177	858483	24.91%	2.744%
25	7.966	508	510	512	rVV2	67291	90808	2.64%	0.290%
26	8.058	516	518	519	rVV	1014071	860726	24.98%	2.751%
27	8.080	519	520	524	rVB	215194	220799	6.41%	0.706%
28	8.183	527	529	531	rBV3	41115	81077	2.35%	0.259%
29	8.286	536	538	541	rVB2	38776	49396	1.43%	0.158%
30	8.366	541	545	549	rBV3	241520	664307	19.28%	2.123%
31	8.446	549	552	556	rVV2	147661	262096	7.61%	0.838%
32	8.560	560	562	564	rVB3	34398	56259	1.63%	0.180%
33	8.640	564	569	573	rBV3	33516	84158	2.44%	0.269%
34	8.778	577	581	586	rVB4	46684	104325	3.03%	0.333%

LSC Area Percent Report

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Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.869	586	589	592	rBV	129894	170024	4.93%	0.543%
36	8.995	599	600	603	rVB2	85441	100810	2.93%	0.322%
37	9.063	603	606	608	rBV3	38702	66717	1.94%	0.213%
38	9.098	608	609	610	rVV	36649	36131	1.05%	0.115%
39	9.143	610	613	615	rVB	3342224	3446109	100.00%	11.015%
40	9.258	620	623	624	rVB2	70833	80711	2.34%	0.258%
41	9.292	624	626	628	rBV	777622	823254	23.89%	2.631%
42	9.326	628	629	631	rVB2	37496	37668	1.09%	0.120%
43	9.372	631	633	634	rBV	35555	38815	1.13%	0.124%
44	9.486	641	643	645	rBV	312205	408180	11.84%	1.305%
45	9.532	645	647	649	rVB2	101296	175121	5.08%	0.560%
46	9.635	654	656	659	rVB	45843	52724	1.53%	0.169%
47	9.692	659	661	663	rBV2	24452	37111	1.08%	0.119%
48	9.749	663	666	667	rVV	138707	211987	6.15%	0.678%
49	9.818	669	672	674	rBV	973517	1014291	29.43%	3.242%
50	10.035	687	691	693	rBV2	121813	183225	5.32%	0.586%
51	10.092	694	696	702	rVB	90265	123493	3.58%	0.395%
52	10.241	704	709	711	rBV3	48206	87503	2.54%	0.280%
53	10.458	726	728	731	rBV2	48288	83421	2.42%	0.267%
54	10.606	735	741	743	rVV2	1332944	1556855	45.18%	4.976%
55	10.675	746	747	749	rVV2	39131	48747	1.41%	0.156%
56	10.721	749	751	755	rVB2	41594	84419	2.45%	0.270%
57	10.904	764	767	771	rBV	60896	108342	3.14%	0.346%
58	10.972	771	773	776	rBV2	68274	104877	3.04%	0.335%
59	11.029	776	778	780	rVB3	20882	36450	1.06%	0.117%
60	11.132	785	787	789	rBV	39944	35090	1.02%	0.112%
61	11.166	789	790	794	rBV3	164575	327618	9.51%	1.047%
62	11.235	794	796	799	rVB	57147	62319	1.81%	0.199%
63	11.304	799	802	804	rBV	949959	1025615	29.76%	3.278%
64	11.418	810	812	815	rVB	38280	47132	1.37%	0.151%
65	11.532	820	822	826	rVV4	41376	79704	2.31%	0.255%
66	11.669	830	834	839	rVB2	83891	163966	4.76%	0.524%
67	11.841	846	849	851	rBV	413901	485547	14.09%	1.552%
68	11.898	852	854	858	rVV3	47129	94463	2.74%	0.302%
69	12.001	861	863	864	rBV2	36985	45807	1.33%	0.146%
70	12.298	888	889	893	rVB3	56282	60936	1.77%	0.195%
71	12.389	896	897	903	rVB2	29500	50075	1.45%	0.160%

LSC Area Percent Report

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Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-11

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.527	907	909	912	rBV2	42262	101943	2.96%	0.326%
73	12.584	912	914	915	rVB	62461	78303	2.27%	0.250%
74	12.618	915	917	925	rVB2	273018	393811	11.43%	1.259%
75	12.778	929	931	935	rVB	85535	117870	3.42%	0.377%
76	12.904	939	942	944	rBV	2191225	3190300	92.58%	10.197%
77	13.281	974	975	980	rVB2	39041	55057	1.60%	0.176%
78	13.372	980	983	987	rBV5	24480	63168	1.83%	0.202%
79	13.498	991	994	997	rBV4	17889	41073	1.19%	0.131%
80	13.772	1016	1018	1021	rBV	139308	175076	5.08%	0.560%
81	13.830	1021	1023	1031	rVB	87619	165305	4.80%	0.528%
82	13.990	1035	1037	1040	rBV	836055	848291	24.62%	2.711%
83	15.510	1167	1170	1173	rBV	492995	631941	18.34%	2.020%
84	16.333	1240	1242	1247	rVB3	14949	35389	1.03%	0.113%
85	16.984	1296	1299	1304	rVB4	15458	39779	1.15%	0.127%
86	18.436	1422	1426	1433	rVB	49937	128571	3.73%	0.411%

Sum of corrected areas: 31285717

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
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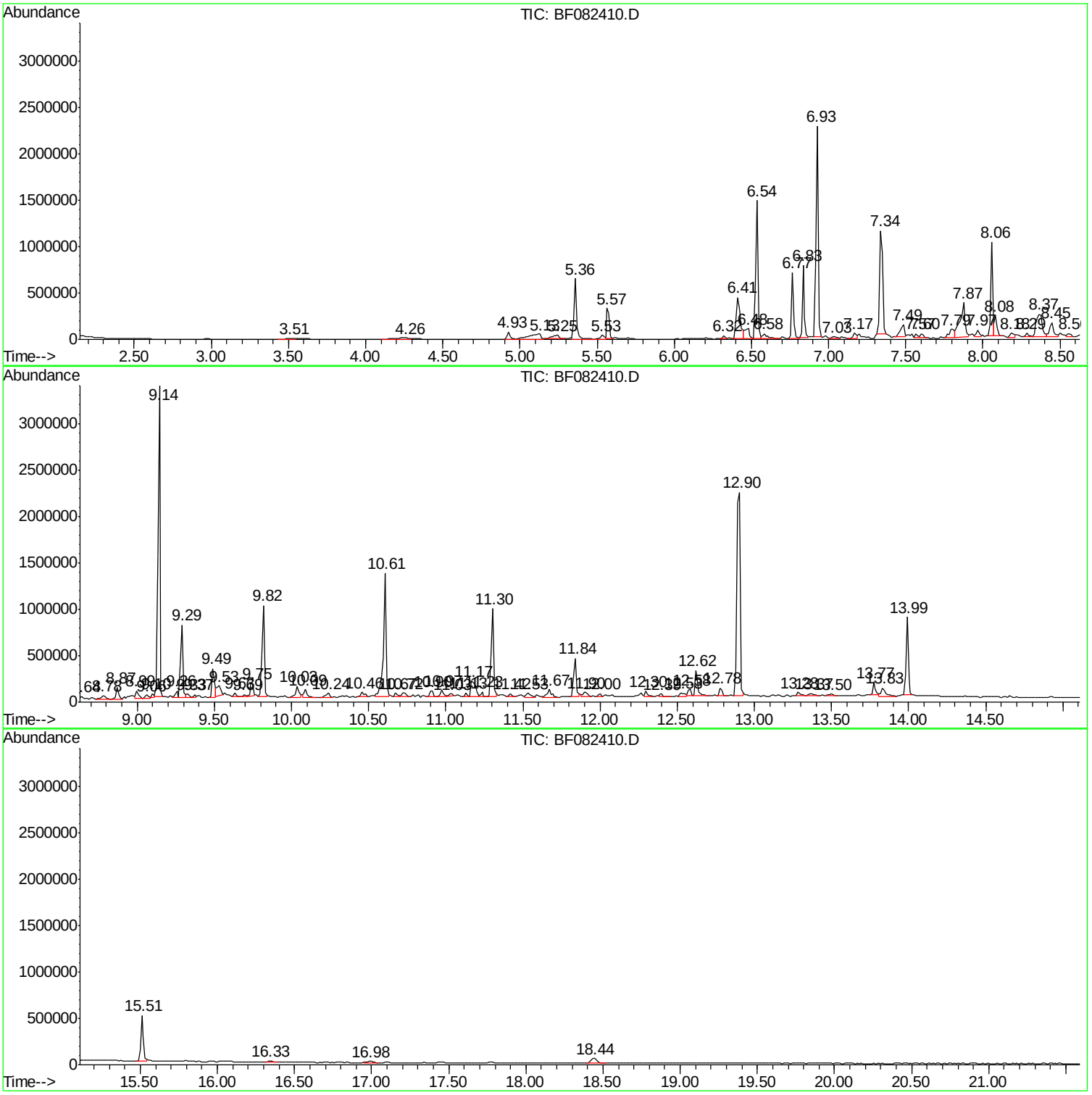
Instrument :
BNA_F
ClientSampleId :
TEC-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF102115\
Data File : BF082410.D
Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

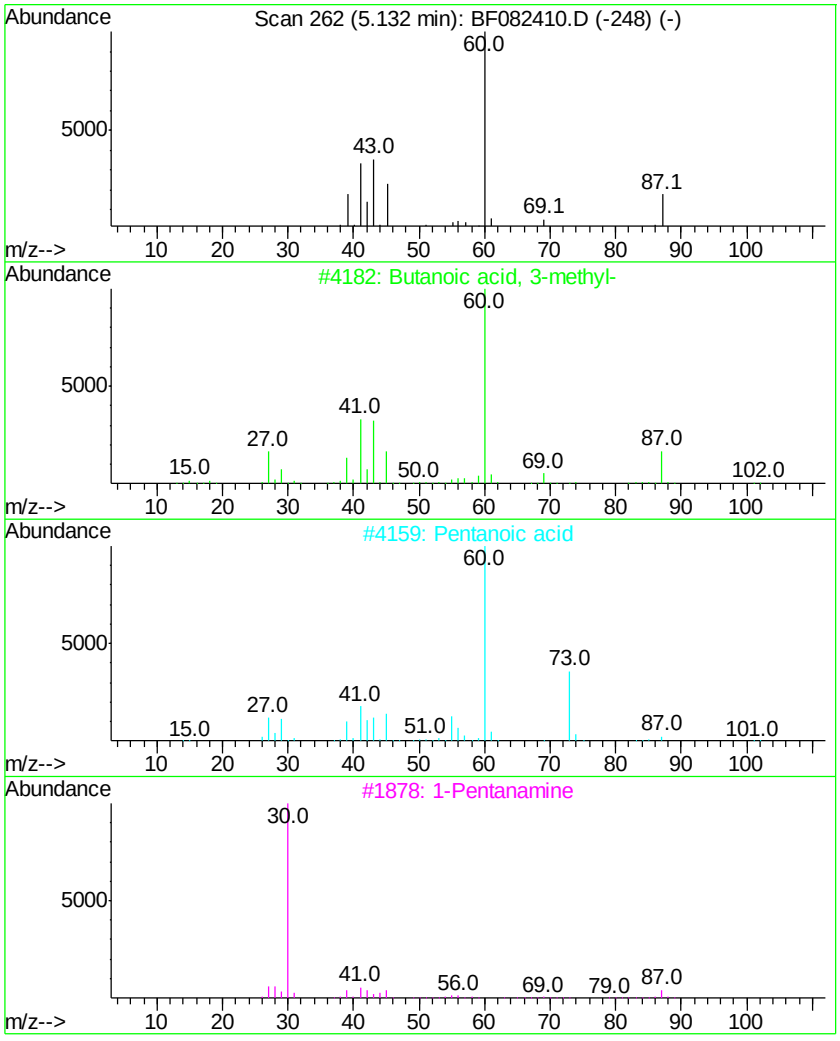
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

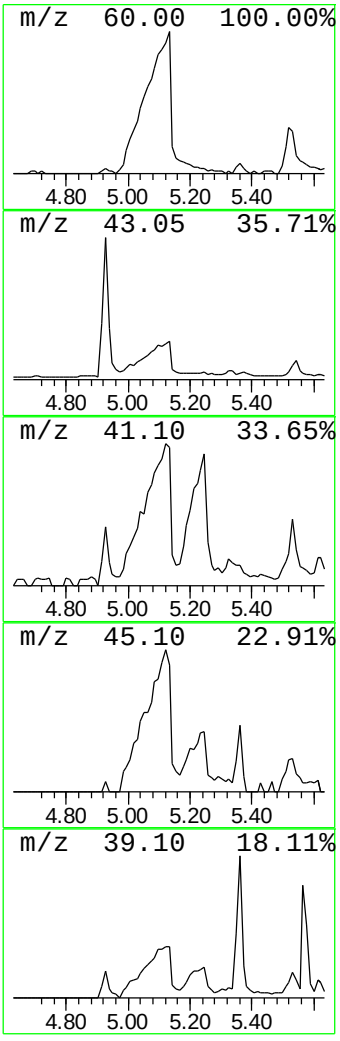
****

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	9.37 ng	305801	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2	Pentanoic acid	102	C5H10O2	000109-52-4	40
3	1-Pentanamine	87	C5H13N	000110-58-7	10
4	Hexanoic acid	116	C6H12O2	000142-62-1	9
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	9





Library Search Compound Report

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Data File : BF082410.D
Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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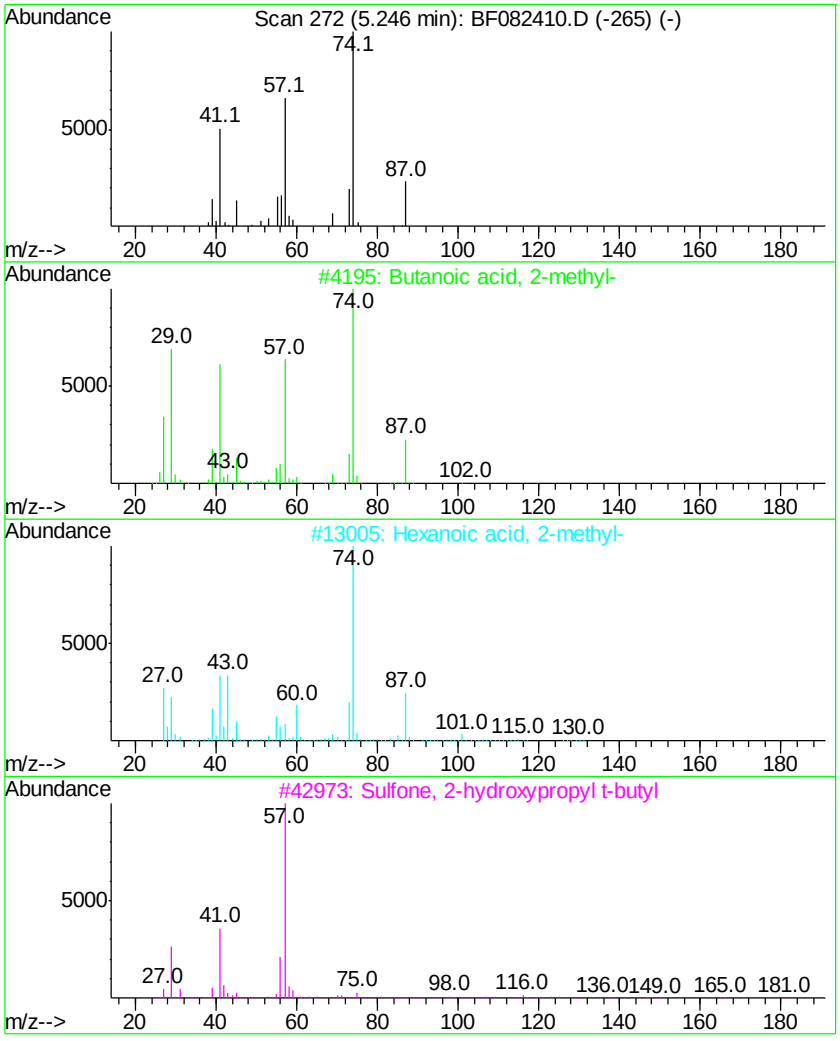
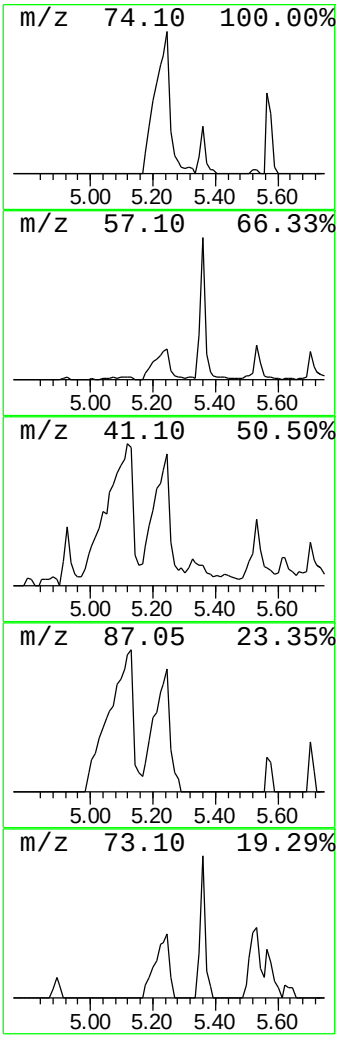
Peak Number 2 Butanoic acid, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	4.09 ng	133523	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	50
3	Sulfone, 2-hydroxypropyl t-butyl	180	C7H16O3S	154619-05-3	9
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	9
5	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	9





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Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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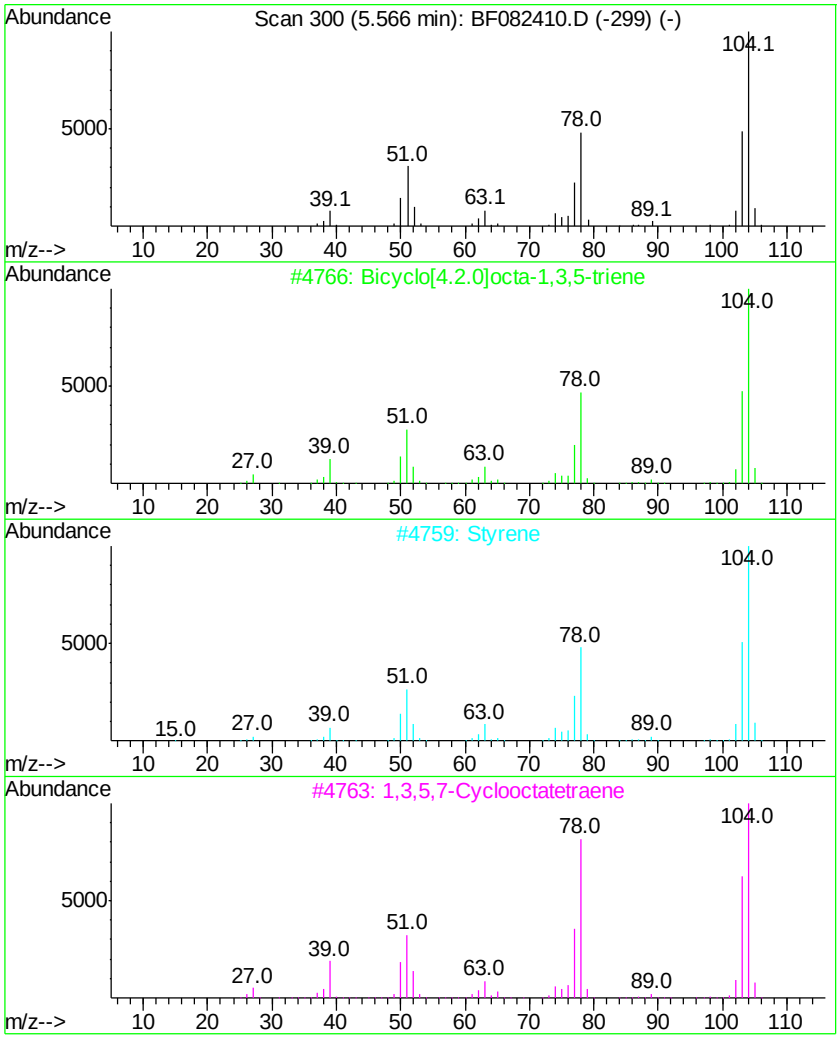
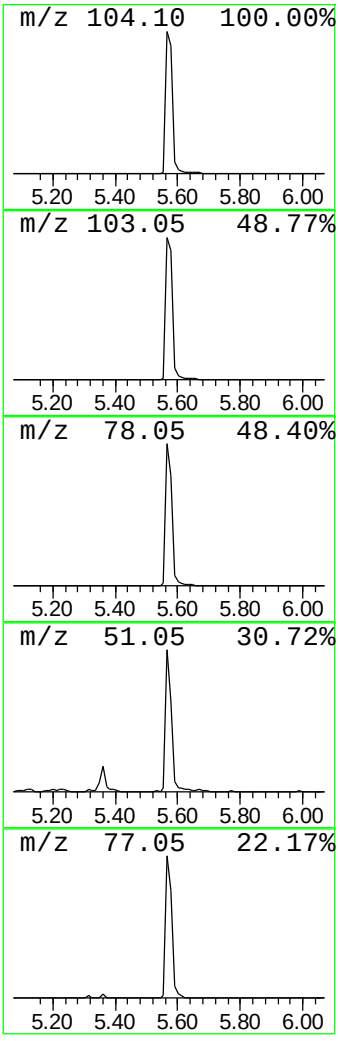
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	12.73 ng	415729	1,4-Dichlorobenzene-d4	6.77

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	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	47





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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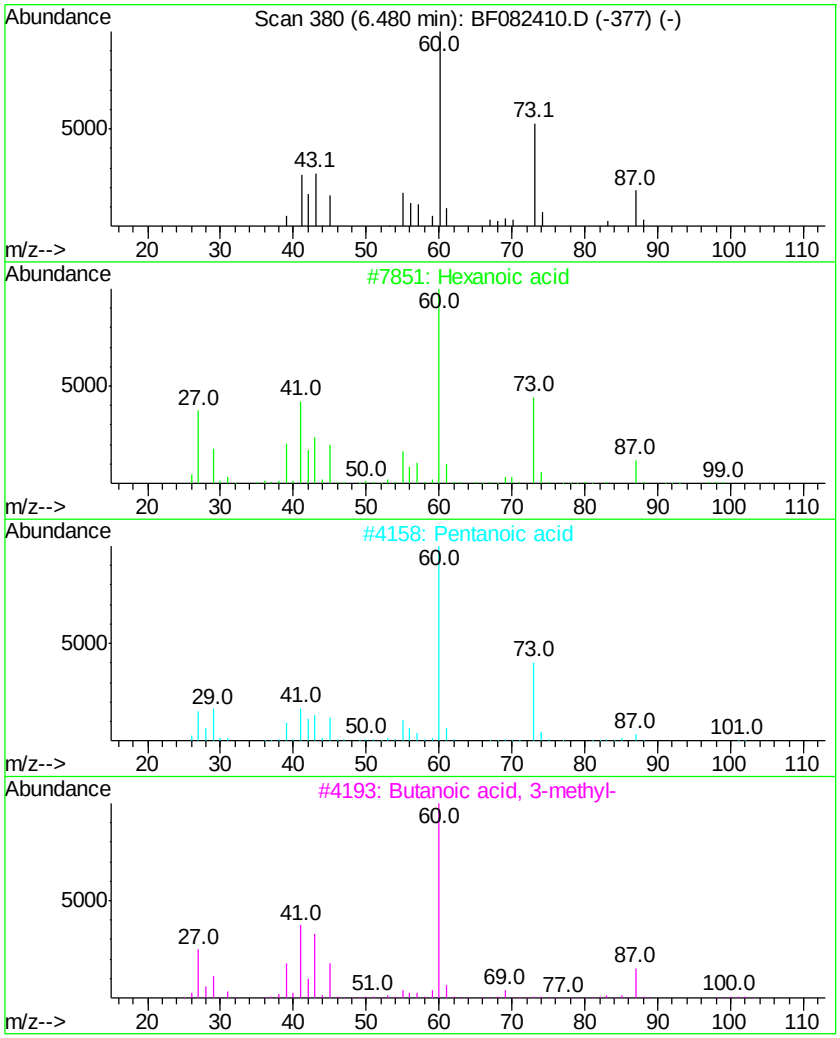
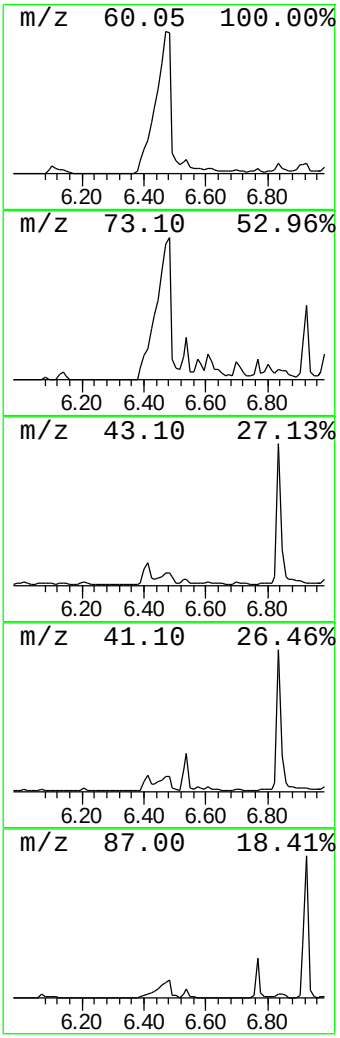
Peak Number 4 Hexanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	6.89 ng	225066	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
5	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	40





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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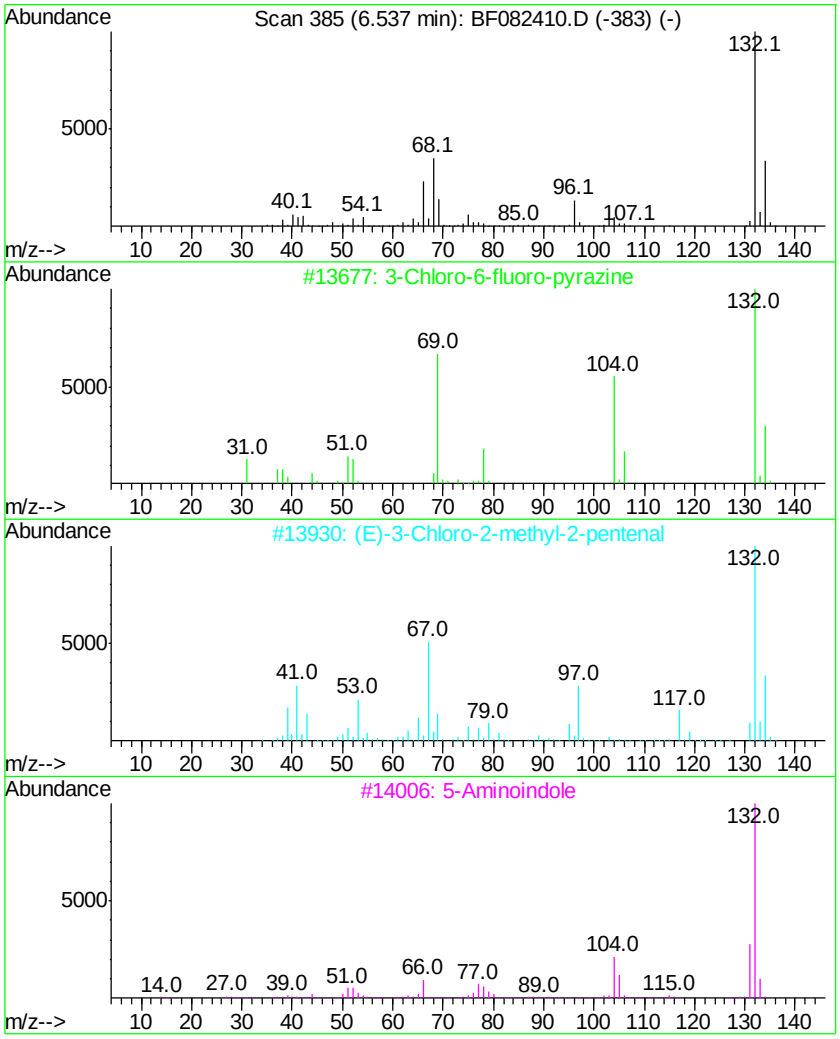
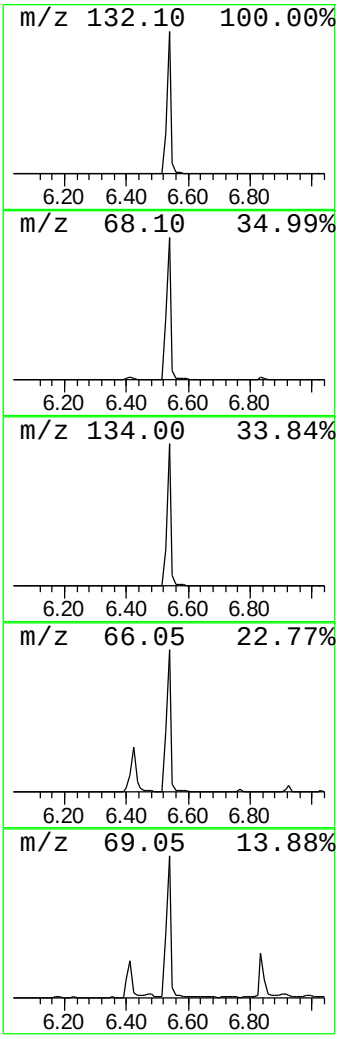
Peak Number 5 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	44.89 ng	1465660	1,4-Dichlorobenzene-d4	6.77

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Data File : BF082410.D
Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
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Instrument : BNA_F
ClientSampleId : TEC-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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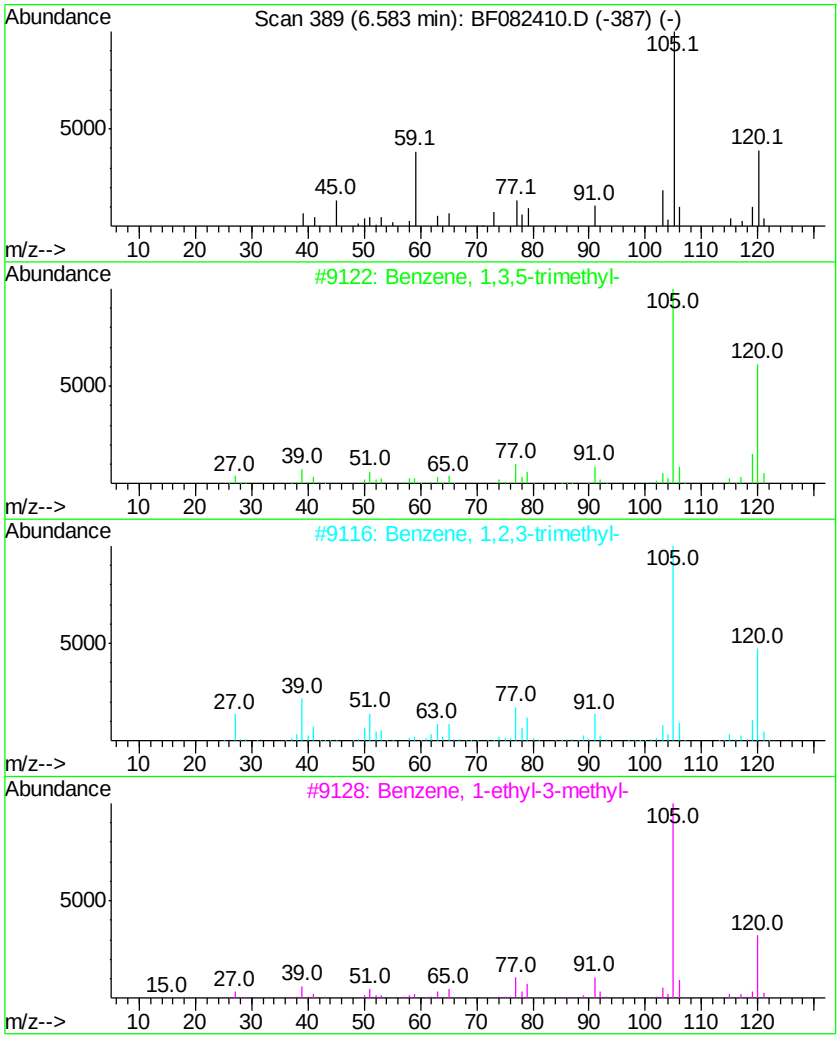
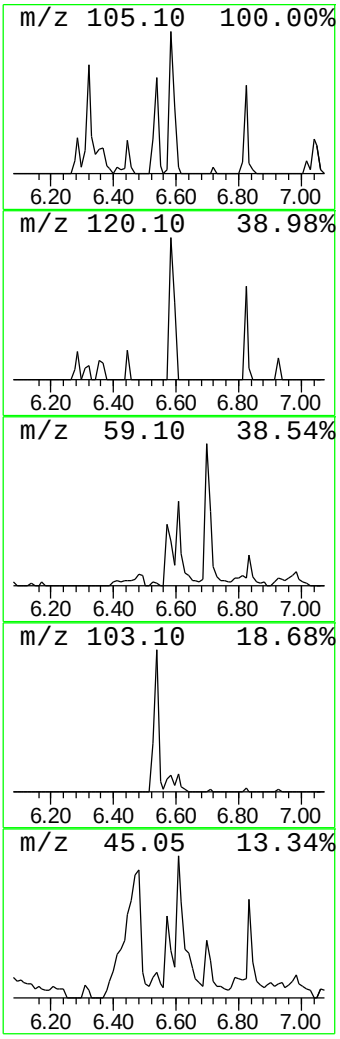
Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	4.00 ng	130573	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64





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Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

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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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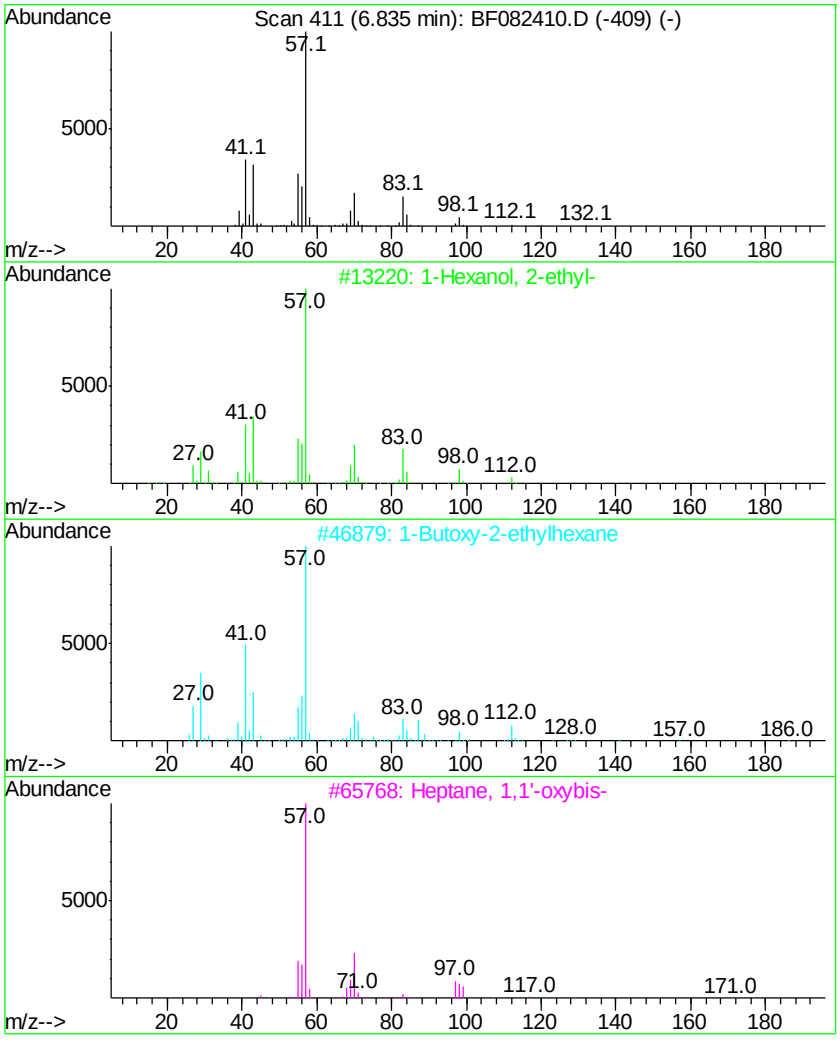
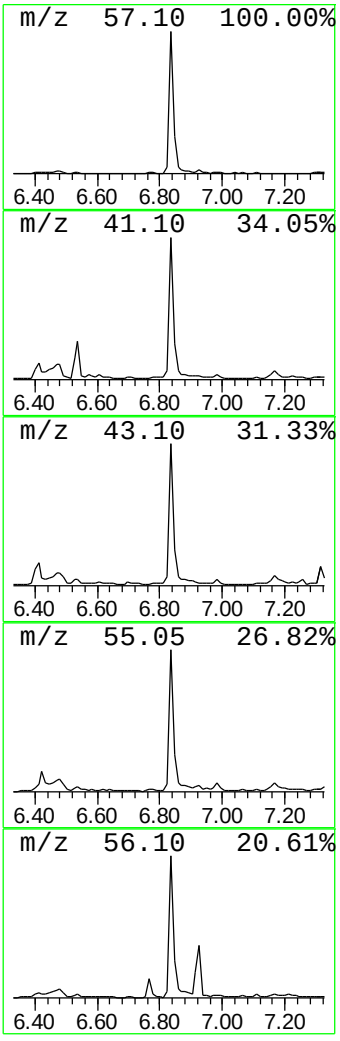
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	22.87 ng	746598	1,4-Dichlorobenzene-d4	6.77

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	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	64
5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56





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Sample : G4103-02
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ClientSampleId : TEC-11

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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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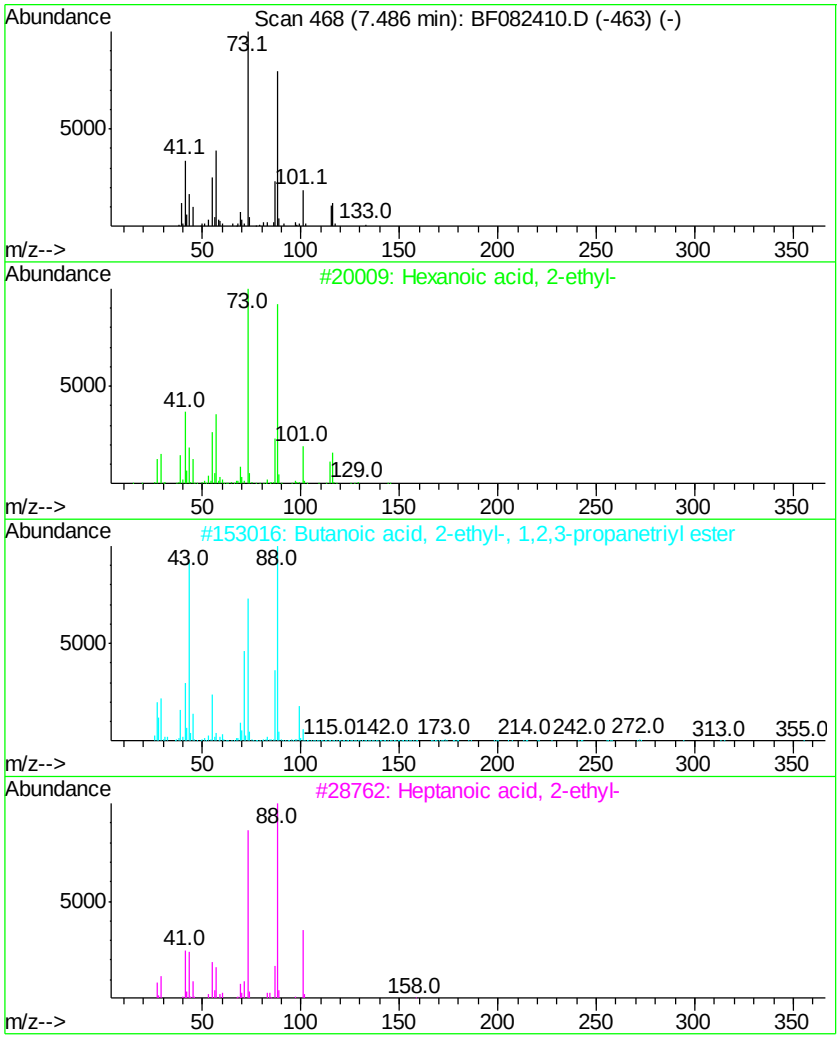
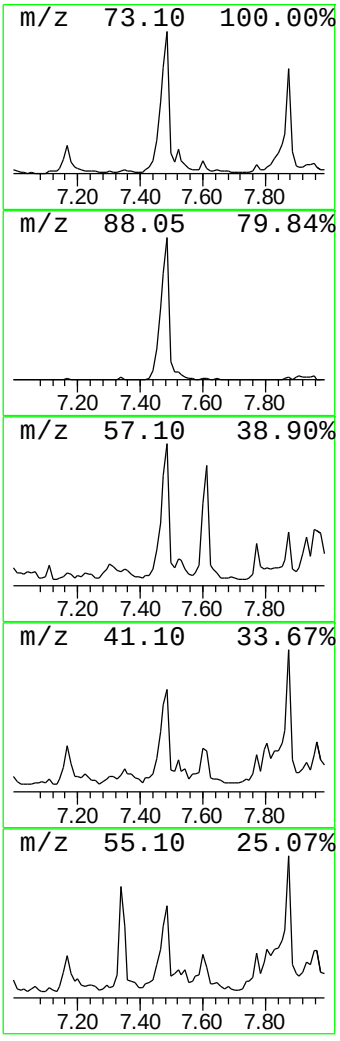
Peak Number 9 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.39 ng	231948	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	38





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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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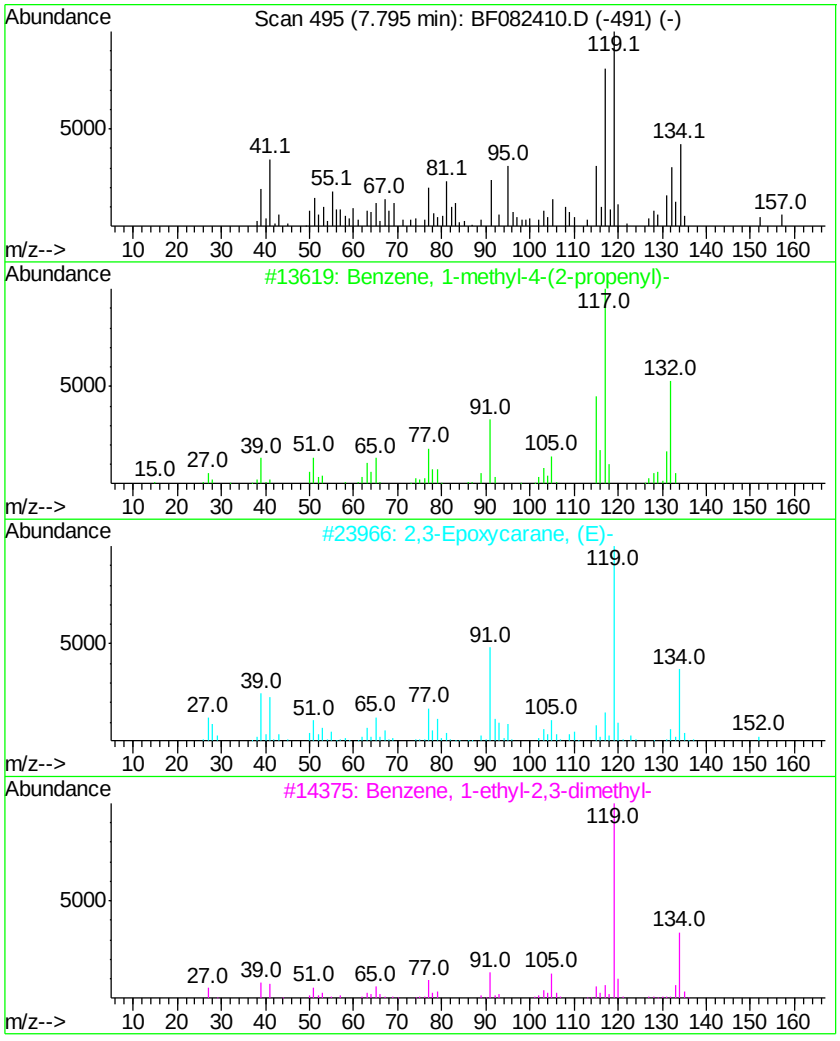
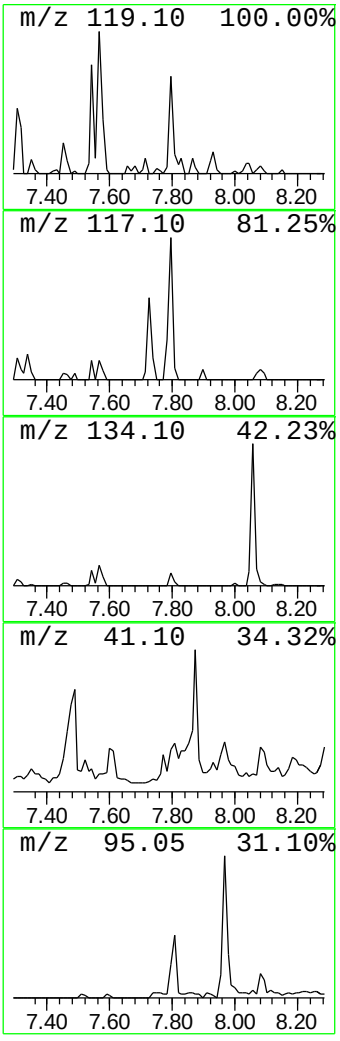
Peak Number 10 Benzene, 1-methyl-4-(2-prop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.98 ng	214223	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
2	2,3-Epoxycarane, (E)-	152	C10H16O	020053-58-1	50
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50





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ClientSampleId : TEC-11

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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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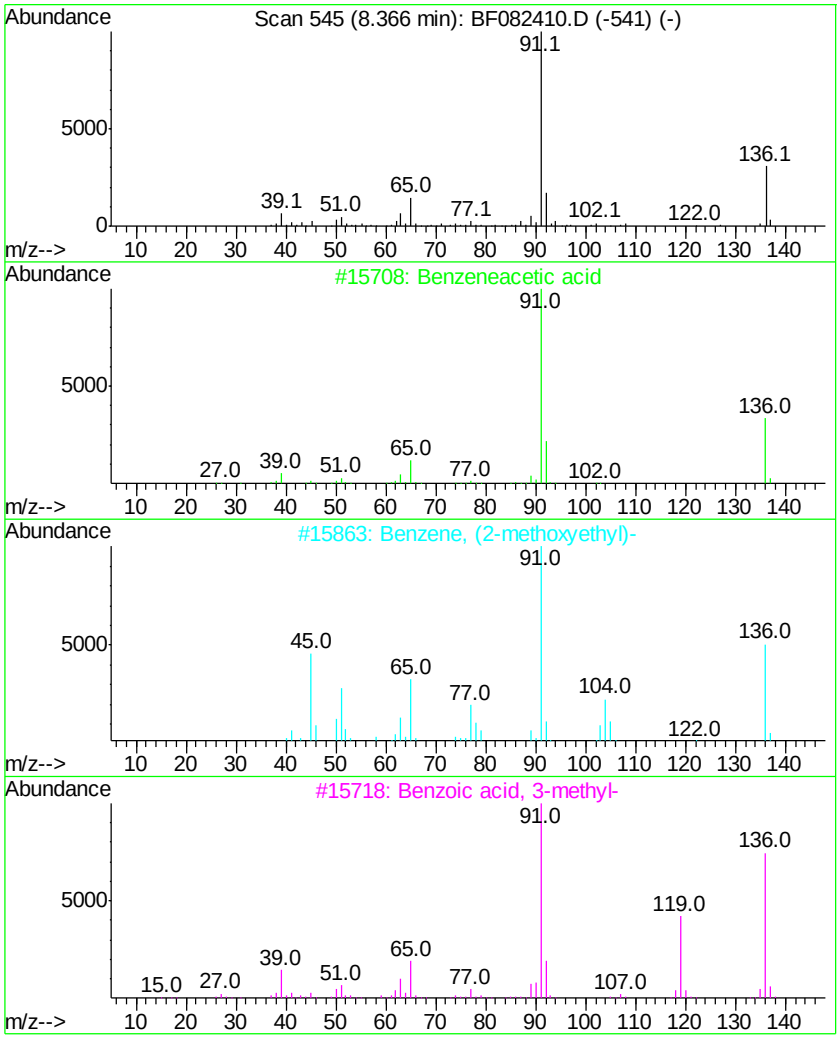
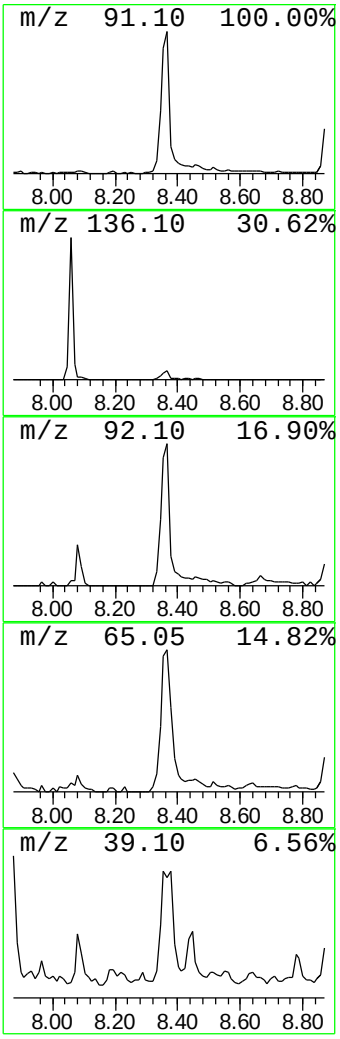
Peak Number 12 Benzeneacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	15.44 ng	664307	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
2	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	72
3	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	59
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	43
5	Benzyl 2-chloroethyl sulfone	218	C9H11ClO2S	066998-67-2	43





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Instrument : BNA_F
ClientSampleId : TEC-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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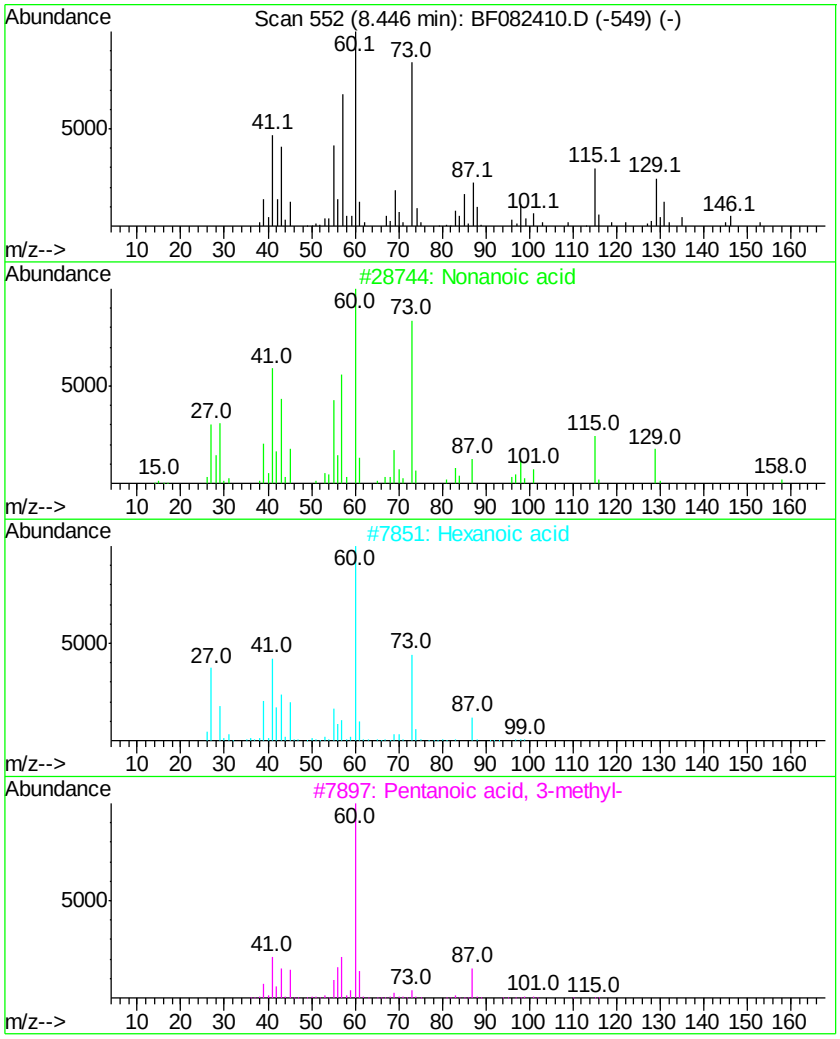
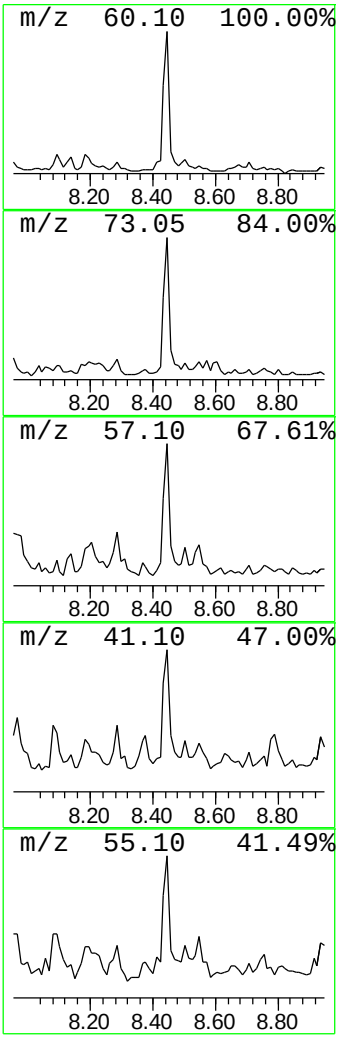
Peak Number 13 Nonanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	6.09 ng	262096	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	59
2	Hexanoic acid	116	C6H12O2	000142-62-1	47
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
4	Heptanoic acid	130	C7H14O2	000111-14-8	43
5	Octanoic Acid	144	C8H16O2	000124-07-2	38





Library Search Compound Report

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Instrument : BNA_F
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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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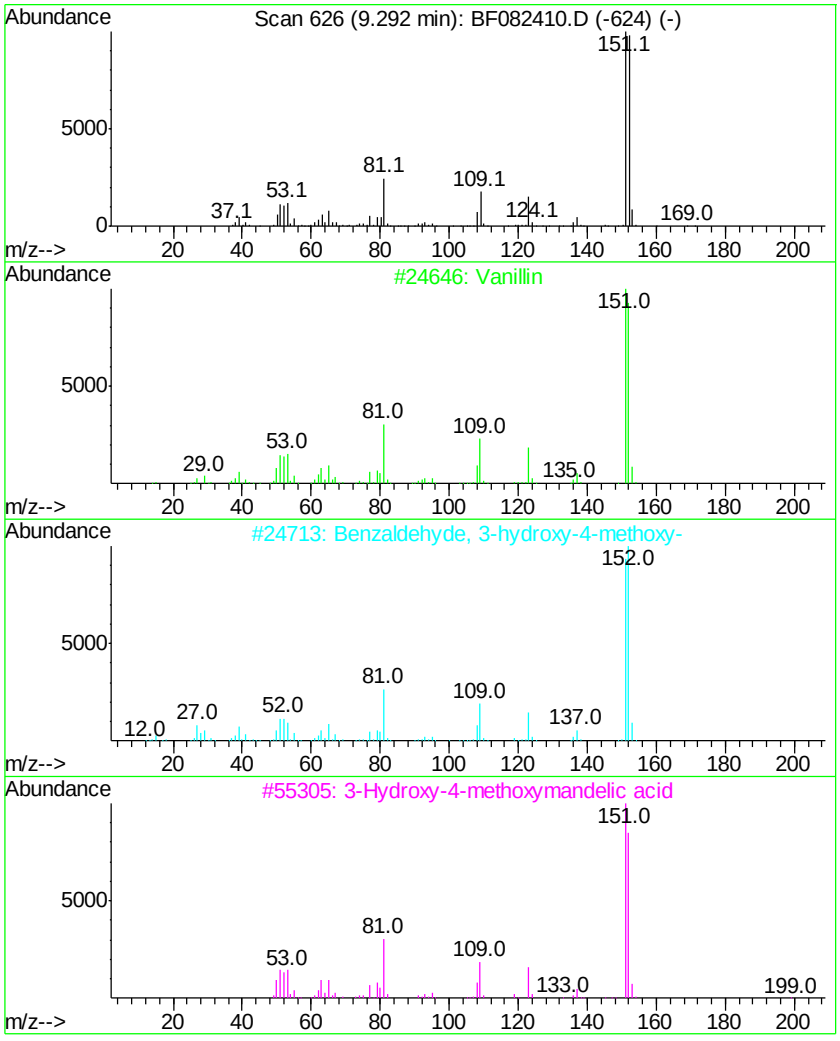
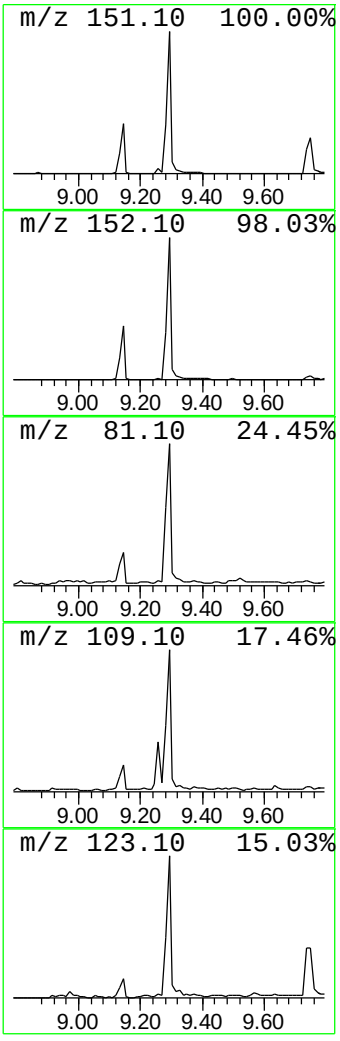
Peak Number 14 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	16.23 ng	823254	Acenaphthene-d10	9.82

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	93
3	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	90
4	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	86
5	Vanillin lactoside	476	C20H28O13	1000129-94-7	83





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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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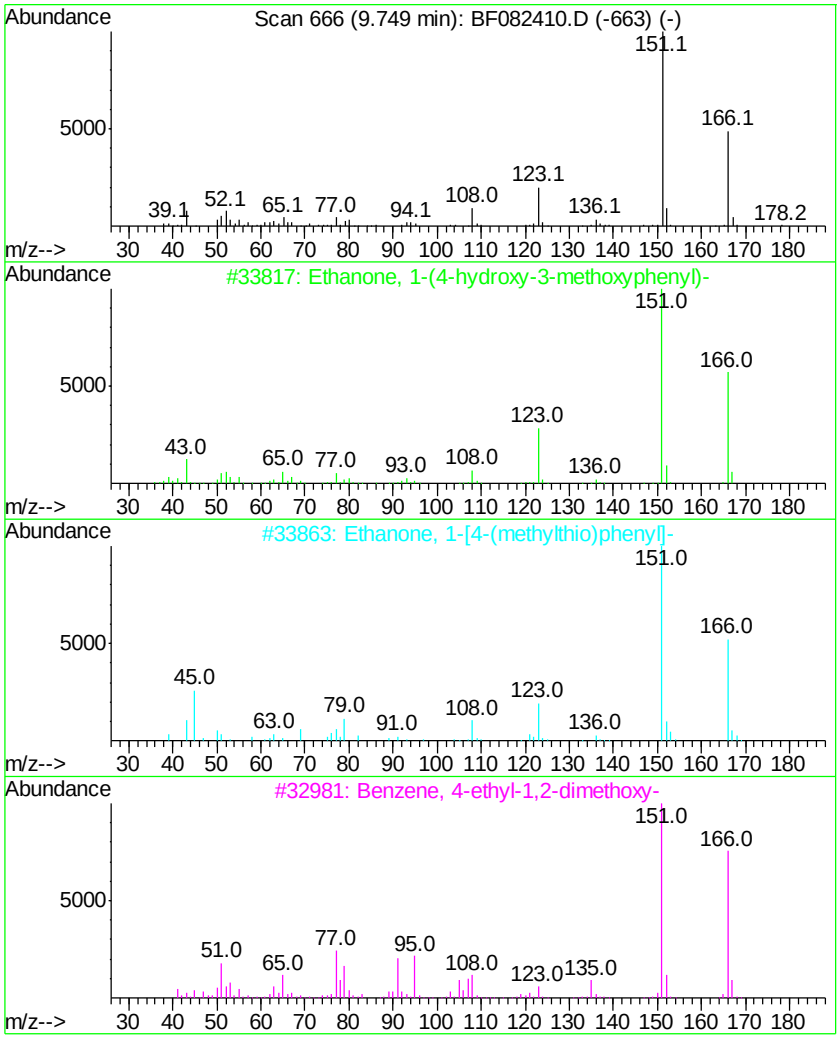
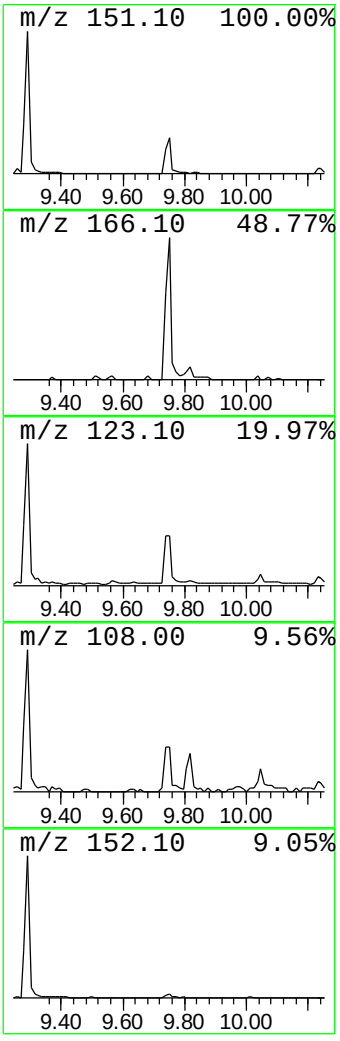
Peak Number 15 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.18 ng	211987	Acenaphthene-d10	9.82

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-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	91
3	Benzene, 4-ethyl-1,2-dimethoxy-	166	C10H14O2	005888-51-7	72
4	1,2-Benzenediol, 4-(1,1-dimethyl...	166	C10H14O2	000098-29-3	72
5	1,4-Dimethoxy-2,3-dimethylbenzene	166	C10H14O2	039021-83-5	72





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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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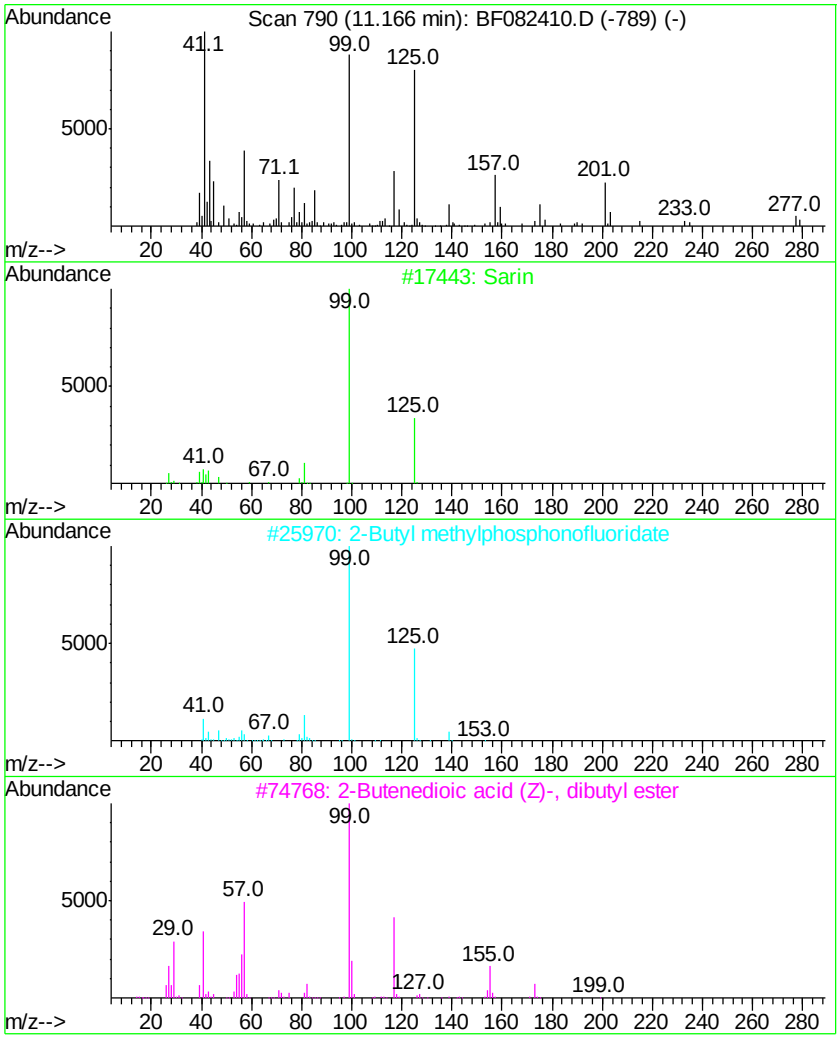
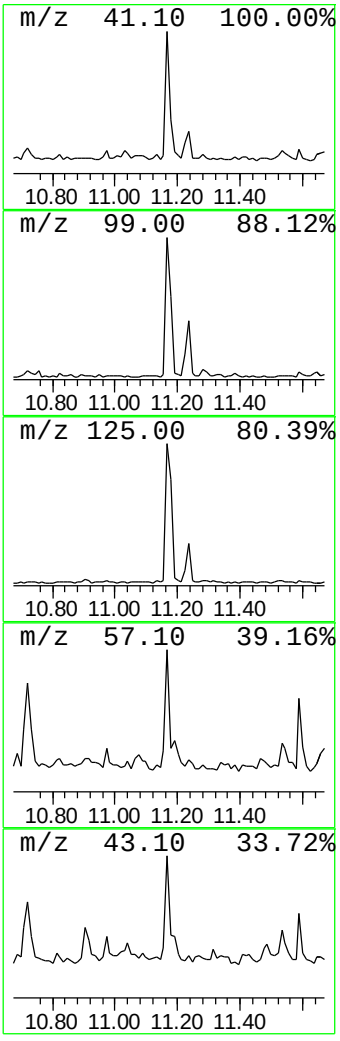
Peak Number 16 Sarin Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	6.39 ng	327618	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sarin	140	C4H10FO2P	000107-44-8	47
2	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	40
3	2-Butenedioic acid (Z)-, dibutyl...	228	C12H20O4	000105-76-0	22
4	2-Furancarboxylic acid, tetrahyd...	158	C7H10O4	085547-53-1	18
5	2,4,6-Pyrimidinetriamine	125	C4H7N5	001004-38-2	14





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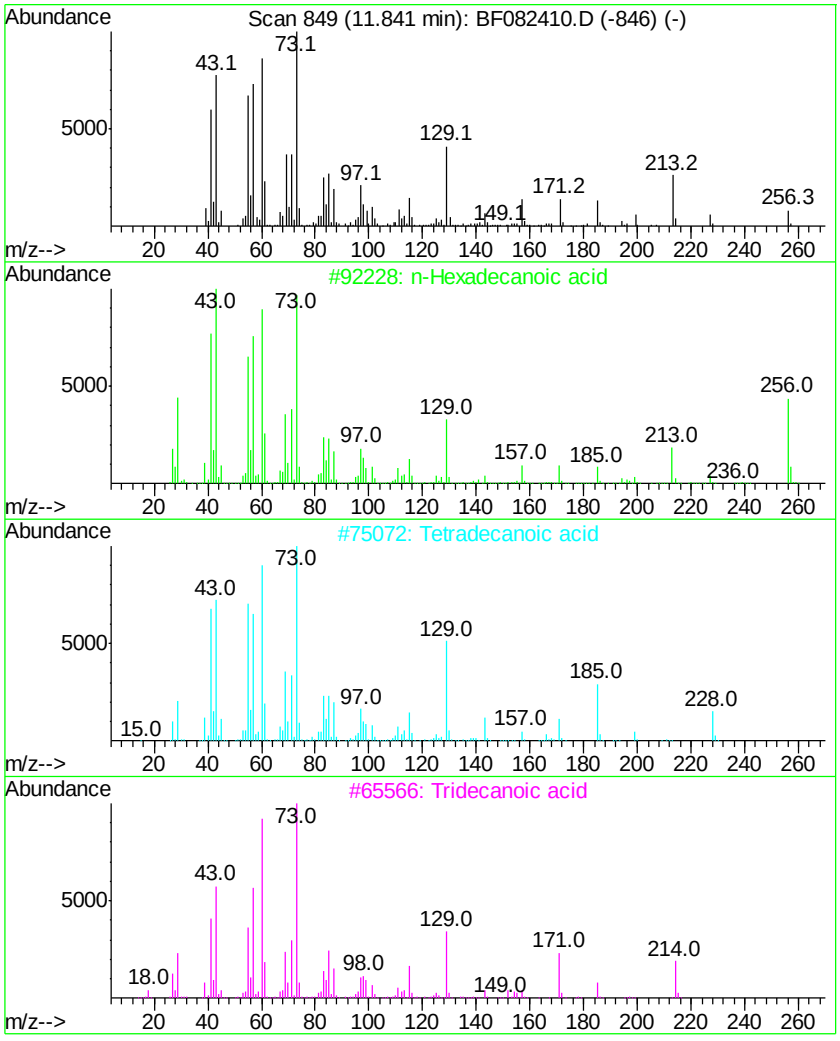
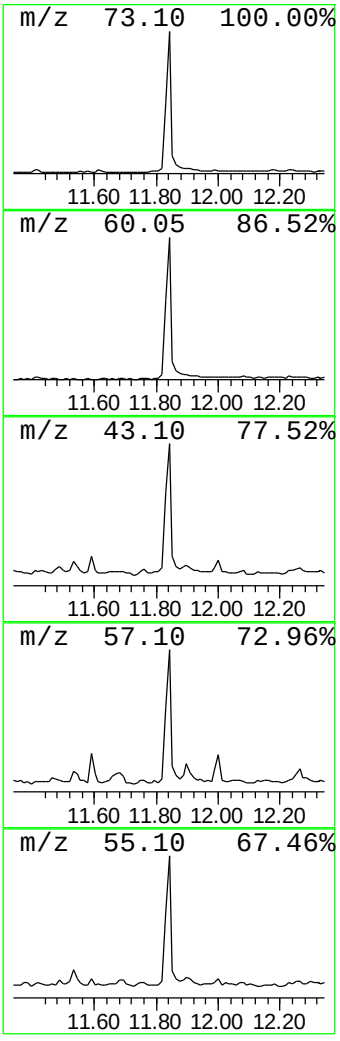
Peak Number 17 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	9.47 ng	485547	Phenanthrene-d10	11.30

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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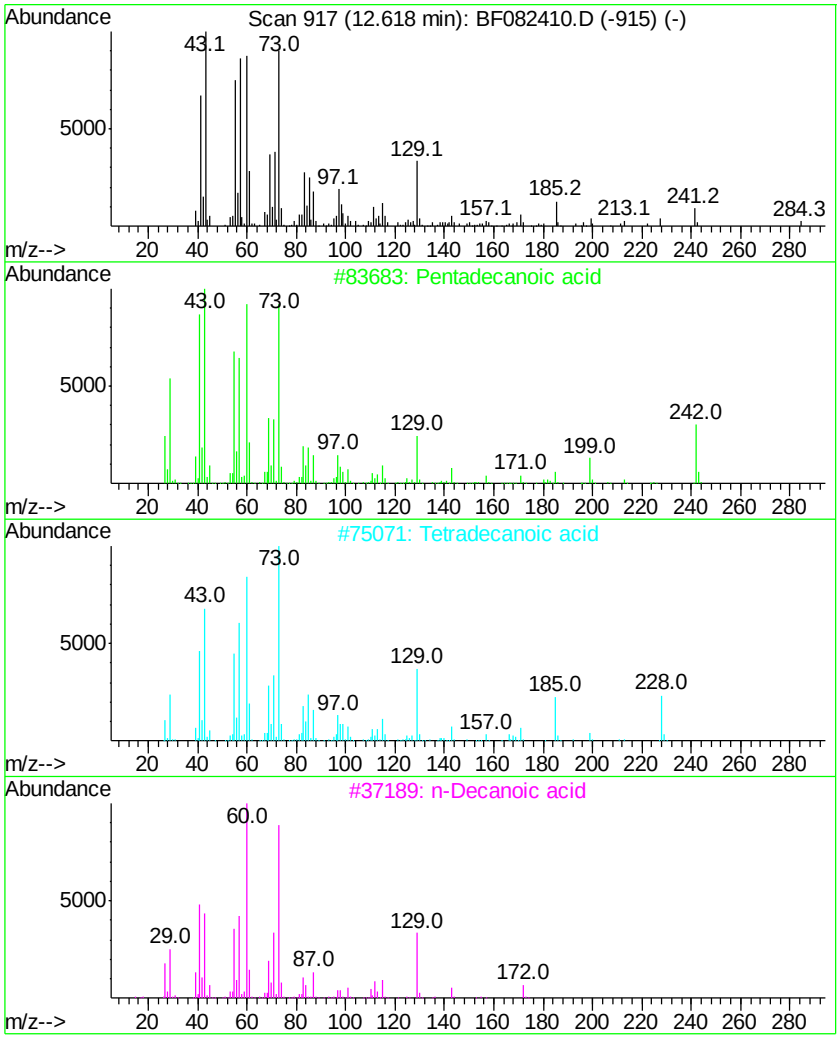
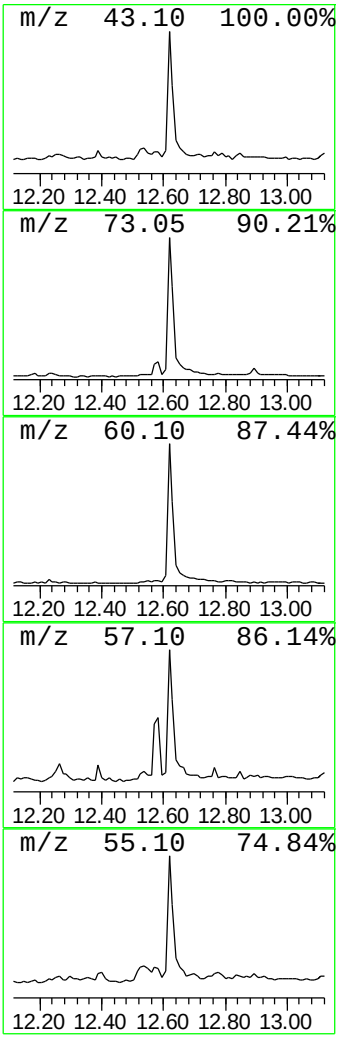
Peak Number 18 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	7.68 ng	393811	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Nonanoic acid	158	C9H18O2	000112-05-0	11
5	Tridecane	184	C13H28	000629-50-5	11





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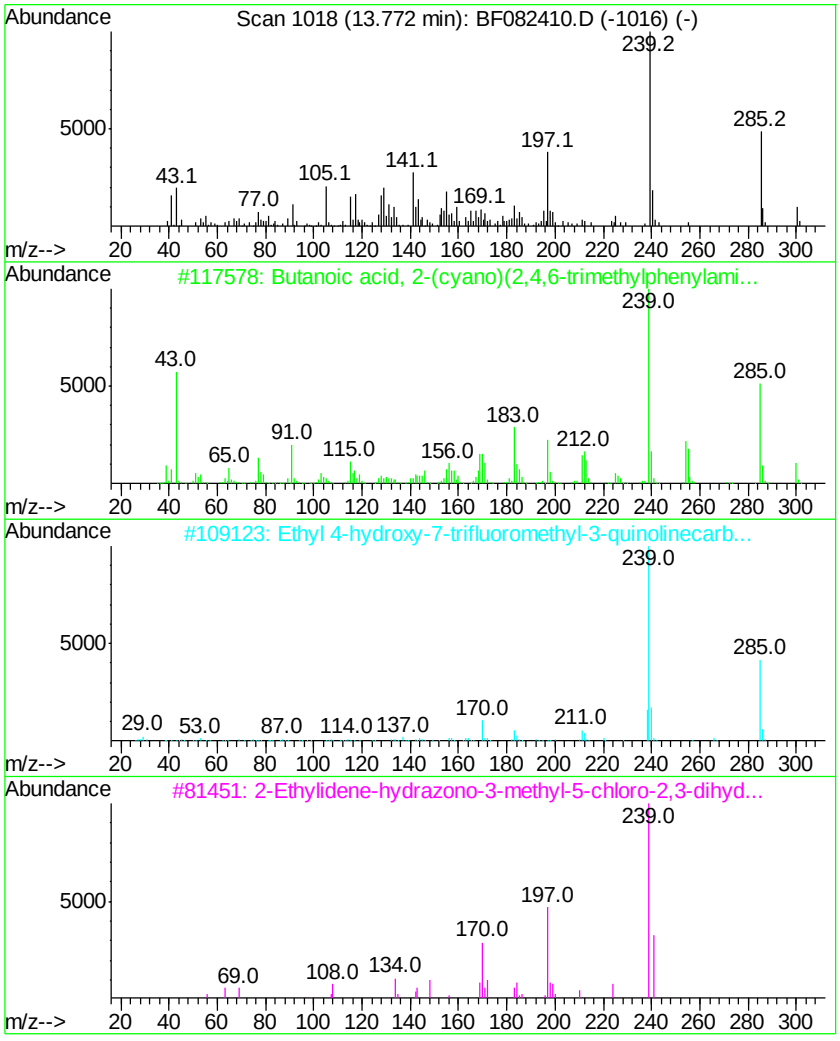
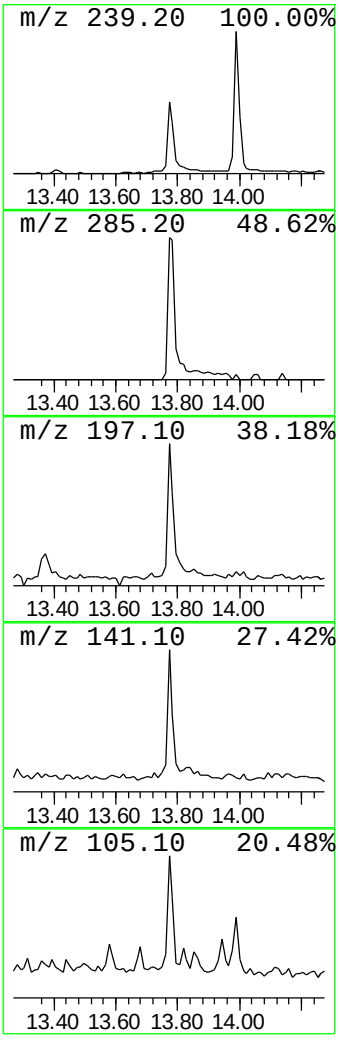
Peak Number 19 Butanoic acid, 2-(cyano)(2,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.13 ng	175076	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	50
2	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
3	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	49
4	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	38
5	2-Ethylidenehydrazono-3-methyl-6...	239	C10H10ClN3S	1000148-09-0	38





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ALS Vial : 12 Sample Multiplier: 1

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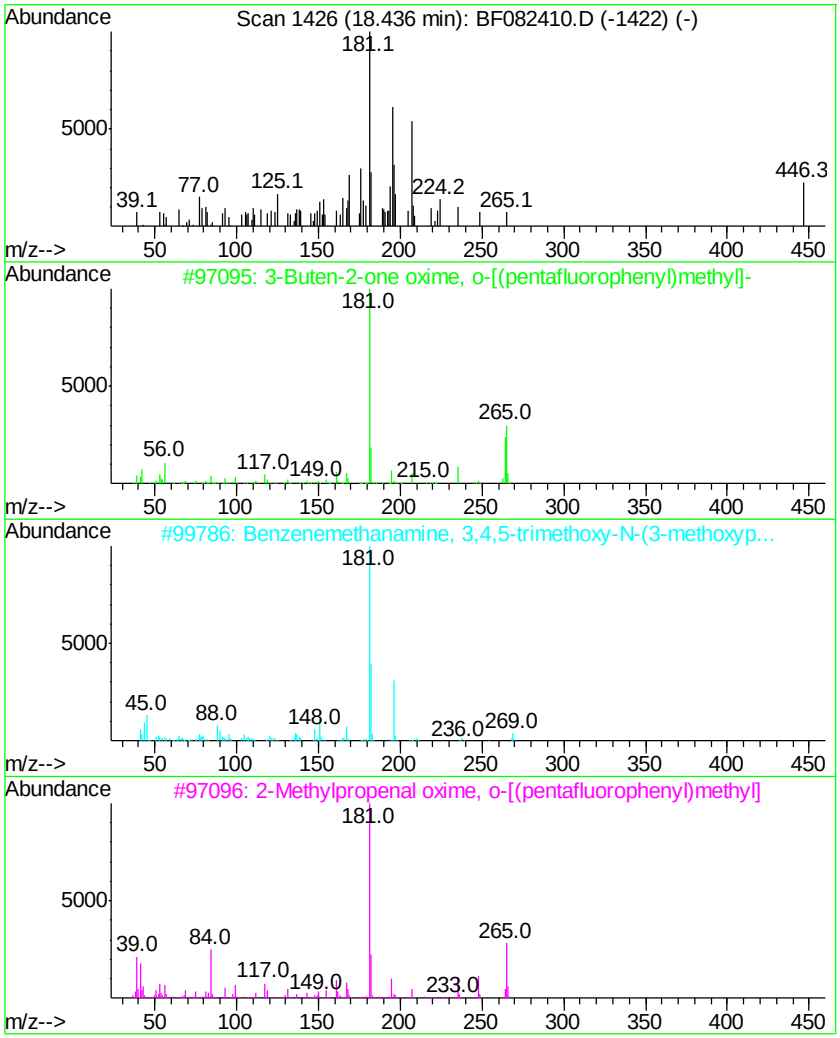
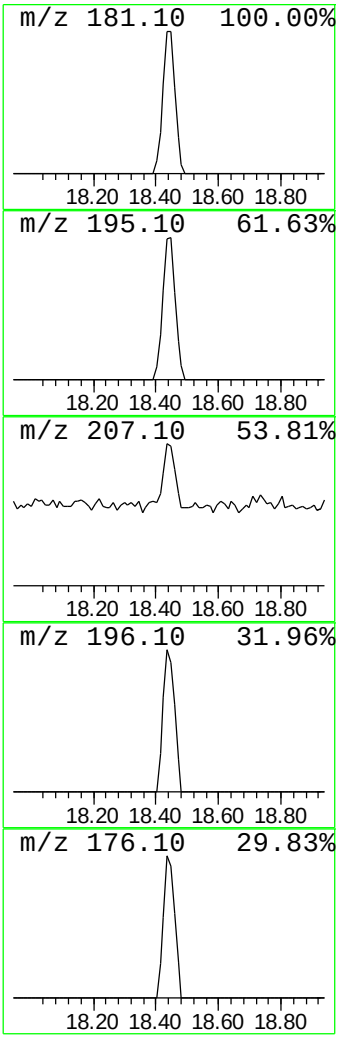
Peak Number 20 unknown18.44 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	4.07 ng	128571	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one oxime, o-[(pentafl...	265	C11H8F5NO	1000288-15-7	35
2	Benzenemethanamine, 3,4,5-trimet...	269	C14H23NO4	034274-04-9	35
3	2-Methylpropenal oxime, o-[(pent...	265	C11H8F5NO	1000288-15-8	35
4	3,4-Dimethoxybenzaldehyde oxime	181	C9H11NO3	002169-98-4	35
5	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082410.D
Acq On : 21 Oct 2015 18:03
Operator : UM/IZ
Sample : G4103-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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-...	5.13	9.4	ng	305801	1	6.77	652959	20.0
Butanoic acid, 2-...	5.25	4.1	ng	133523	1	6.77	652959	20.0
Bicyclo[4.2.0]oct...	5.57	12.7	ng	415729	1	6.77	652959	20.0
Hexanoic acid	6.48	6.9	ng	225066	1	6.77	652959	20.0
unknown6.54	6.54	44.9	ng	1465660	1	6.77	652959	20.0
Benzene, 1,3,5-tr...	6.58	4.0	ng	130573	1	6.77	652959	20.0
1-Hexanol, 2-ethyl-	6.83	22.9	ng	746598	1	6.77	652959	20.0
Hexanoic acid, 2-...	7.49	5.4	ng	231948	2	8.06	860726	20.0
Benzene, 1-methyl...	7.79	5.0	ng	214223	2	8.06	860726	20.0
Benzeneacetic acid	8.37	15.4	ng	664307	2	8.06	860726	20.0
Nonanoic acid	8.45	6.1	ng	262096	2	8.06	860726	20.0
Vanillin	9.29	16.2	ng	823254	3	9.82	1014290	20.0
Ethanone, 1-(4-hy...	9.75	4.2	ng	211987	3	9.82	1014290	20.0
Sarin	11.17	6.4	ng	327618	4	11.30	1025620	20.0
n-Hexadecanoic acid	11.84	9.5	ng	485547	4	11.30	1025620	20.0
Pentadecanoic acid	12.62	7.7	ng	393811	4	11.30	1025620	20.0
Butanoic acid, 2-...	13.77	4.1	ng	175076	5	13.99	848291	20.0
unknown18.44	18.44	4.1	ng	128571	6	15.51	631941	20.0