LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

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-BF060716.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	1.667	6	7	15	rVB	65991	110267	5.06%	0.387%
2	1.781	15	17	26	rBV	752098	1054518	48.35%	3.702%
3	2.810	104	107	116	rBV	81840	141032	6.47%	0.495%
4	3.336	150	153	161	rBB	21480	45767	2.10%	0.161%
5	4.844	283	285	291	rVB	40262	60548	2.78%	0.213%
6	5.279	321	323	326	rBV	1236491	1481605	67.93%	5.201%
7	6.102	392	395	400	rVB5	14703	43080	1.98%	0.151%
8	6.193	400	403	409	rBV2	26046	66514	3.05%	0.233%
9	6.342	413	416	421	rBV	1136627	1110064	50.90%	3.897%
10	6.422	421	423	424	rBV	22822	32255	1.48%	0.113%
11	6.456	424	426	429	rBV	1904229	1942115	89.05%	6.817%
12	6.559	434	435	439	rVB3	25777	34568	1.58%	0.121%
13	6.639	439	442	444	rBV2	31044	54713	2.51%	0.192%
14	6.684	444	446	449	rVB	621372	556378	25.51%	1.953%
15	6.764	449	453	455	rBV4	27977	67348	3.09%	0.236%
16	6.844	458	460	462	rBV	1739568	1859141	85.24%	6.526%
17	6.936	466	468	473	rVB5	117448	152037	6.97%	0.534%
18	7.027	473	476	479	rBV	85476	118574	5.44%	0.416%
19	7.073	479	480	481	rBV	40342	38572	1.77%	0.135%
20	7.176	485	489	491	rBV2	68209	121011	5.55%	0.425%
21	7.256	491	496	500	rVB	1399848	1691175	77.54%	5.937%
22	7.336	500	503	505	rBV2	103959	127408	5.84%	0.447%
23	7.382	505	507	508	rBV	124900	135785	6.23%	0.477%
24	7.462	510	514	518	rBV2	423787	627135	28.75%	2.201%
25	7.530	518	520	522	rBV3	80135	144361	6.62%	0.507%
26	7.565	522	523	526	rVV2	91309	172721	7.92%	0.606%
27	7.622	526	528	530	rVV2	103550	180308	8.27%	0.633%
28	7.713	534	536	538	rBV	328862	336899	15.45%	1.183%
29	7.747	538	539	541	rVB	71830	54066	2.48%	0.190%
30	7.793	541	543	546	rBV2	55887	100694	4.62%	0.353%
31	7.850	546	548	551	rBV2	79900	128947	5.91%	0.453%
32	7.919	551	554	555	rVV3	40473	70062	3.21%	0.246%
33	7.965	555	558	562	rVV2	527056	1069690	49.05%	3.755%
34	8.022	562	563	566	rVV2	188171	306527	14.05%	1.076%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.102	568	570	571	rVV2	67597	58498	2.68%	0.205%
36	8.136	571	573	574	rVV2	50798	75629	3.47%	0.265%
37	8.170	574	576	578	rVV2	149899	175341	8.04%	0.616%
38	8.216	578	580	581	rVV2	117292	131376	6.02%	0.461%
39	8.250	581	583	586	rVV3	149297	264599	12.13%	0.929%
40	8.296	586	587	589	rVV	34838	61406	2.82%	0.216%
41	8.353	590	592	594	rVV2	113587	167773	7.69%	0.589%
42	8.410	594	597	598	rVV	211276	339089	15.55%	1.190%
43	8.445	598	600	601	rVV	108628	163660	7.50%	0.574%
44	8.479	601	603	604	rVV	72678	108994	5.00%	0.383%
45	8.513	604	606	607	rVV2	57616	86423	3.96%	0.303%
46	8.536	607	608	609	rVV	95975	77021	3.53%	0.270%
47	8.559	609	610	612	rVV2	95308	137571	6.31%	0.483%
48	8.627	614	616	618	rVV2	120498	177393	8.13%	0.623%
49	8.662	618	619	621	rVB	97726	125555	5.76%	0.441%
50	8.730	621	625	626	rBV3	23252	53365	2.45%	0.187%
51	8.787	626	630	633	rVV2	274742	494755	22.68%	1.737%
52	8.879	636	638	640	rVB3	50105	83006	3.81%	0.291%
53	9.005	646	649	650	rBV	257042	280171	12.85%	0.983%
54	9.050	650	653	655	rVB	2300483	2181012	100.00%	7.656%
55	9.130	657	660	663	rVV5	36533	108067	4.95%	0.379%
56	9.199	665	666	669	rVV3	79835	102243	4.69%	0.359%
57	9.256	669	671	673	rVB	57274	66662	3.06%	0.234%
58	9.313	673	676	678	rBV2	130153	224985	10.32%	0.790%
59	9.382	678	682	683	rVV	267938	320123	14.68%	1.124%
60	9.405	683	684	687	rVV2	127135	203236	9.32%	0.713%
61	9.450	687	688	690	rVV	170076	204283	9.37%	0.717%
62	9.496	690	692	697	rVV4	99944	249673	11.45%	0.876%
63	9.588	697	700	702	rVV3	44915	88350	4.05%	0.310%
64	9.656	702	706	709	rVV4	47681	112459	5.16%	0.395%
65	9.725	709	712	714	rVV	584969	670056	30.72%	2.352%
66	9.793	716	718	720	rVB2	36391	38646	1.77%	0.136%
67	9.828	720	721	723	rVB2	48323	57754	2.65%	0.203%
68	9.919	725	729	731	rVV4	60696	141816	6.50%	0.498%
69	9.965	731	733	736	rVB2	34460	57135	2.62%	0.201%
70	10.125	745	747	751	rVB4	56566	105608	4.84%	0.371%
71	10.262	757	759	763	rVB2	31328	48422	2.22%	0.170%

LSC Area Percent Report

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Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.331	763	765	768	rVV3	25050	45286	2.08%	0.159%
73	10.376	768	769	775	rVV4	53267	99194	4.55%	0.348%
74	10.468	775	777	778	rVV2	16541	30372	1.39%	0.107%
75	10.513	778	781	783	rVV	1116664	1165167	53.42%	4.090%
76	10.582	786	787	790	rVV2	37897	51376	2.36%	0.180%
77	10.639	790	792	795	rVV2	257449	284050	13.02%	0.997%
78	10.696	795	797	799	rVV	56521	63717	2.92%	0.224%
79	10.731	799	800	802	rVV2	61329	66754	3.06%	0.234%
80	10.765	802	803	804	rVV	52588	42744	1.96%	0.150%
81	10.788	804	805	807	rVV	46807	53954	2.47%	0.189%
82	10.833	807	809	811	rVV2	31351	60978	2.80%	0.214%
83	10.879	811	813	815	rVV2	48137	69161	3.17%	0.243%
84	10.913	815	816	818	rVV	60449	67186	3.08%	0.236%
85	10.948	818	819	821	rVB2	29771	37876	1.74%	0.133%
86	11.108	829	833	835	rBV	85561	137070	6.28%	0.481%
87	11.199	839	841	843	rVV	624752	540399	24.78%	1.897%
88	11.416	858	860	863	rBV2	25092	43593	2.00%	0.153%
89	11.748	886	889	890	rBV2	47990	61419	2.82%	0.216%
90	11.794	892	893	898	rVV4	19887	53590	2.46%	0.188%
91	11.885	899	901	902	rVV2	29369	30256	1.39%	0.106%
92	11.942	904	906	910	rVB2	49909	97502	4.47%	0.342%
93	12.571	959	961	963	rVB	41218	48755	2.24%	0.171%
94	12.685	968	971	975	rVB	30510	60862	2.79%	0.214%
95	12.788	977	980	982	rBV	1632918	1885867	86.47%	6.620%
96	13.359	1027	1030	1032	rBV2	99189	126835	5.82%	0.445%
97	13.828	1069	1071	1074	rBV	532484	501119	22.98%	1.759%
98	14.342	1114	1116	1118	rVB	47968	50309	2.31%	0.177%
99	14.468	1124	1127	1130	rBV2	22996	45081	2.07%	0.158%
100	15.211	1190	1192	1197	rVB	320173	388963	17.83%	1.365%

Sum of corrected areas: 28487475

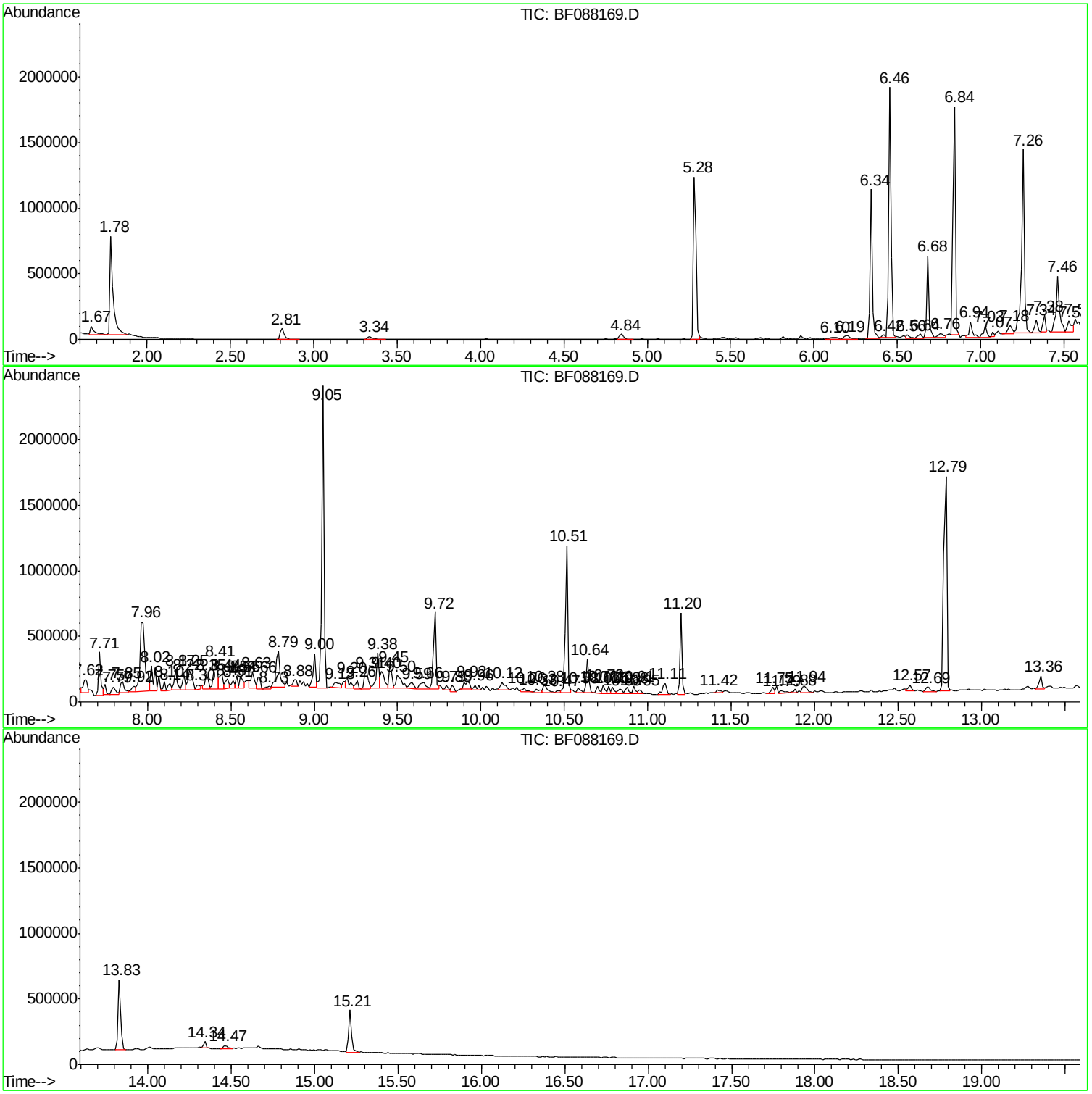
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

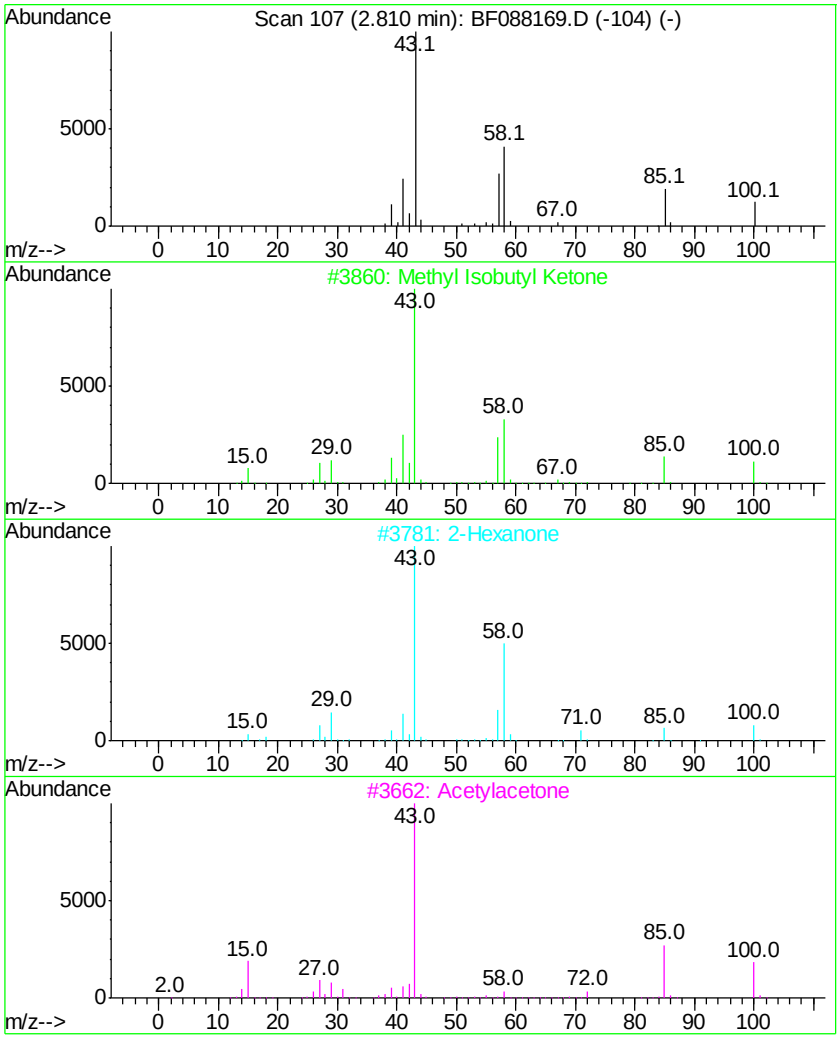
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

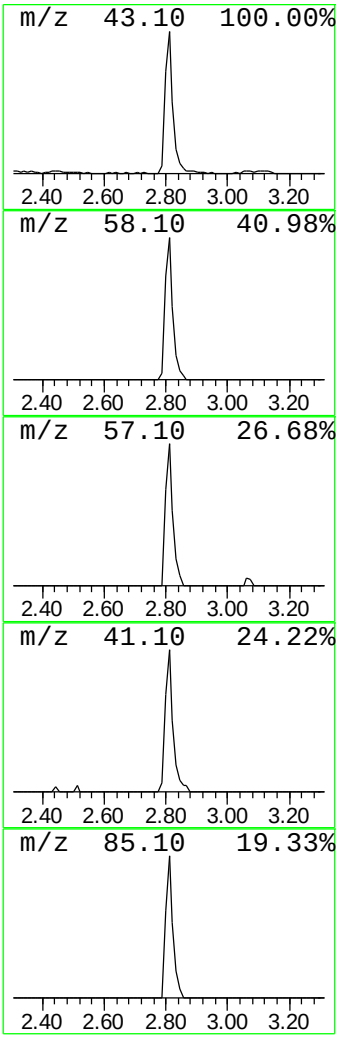
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	5.07 ng	141032	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	2-Hexanone	100	C6H12O	000591-78-6	64
3	Acetylacetone	100	C5H8O2	000123-54-6	46
4	Pentanal, 2,2-dimethyl-	114	C7H14O	014250-88-5	35
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

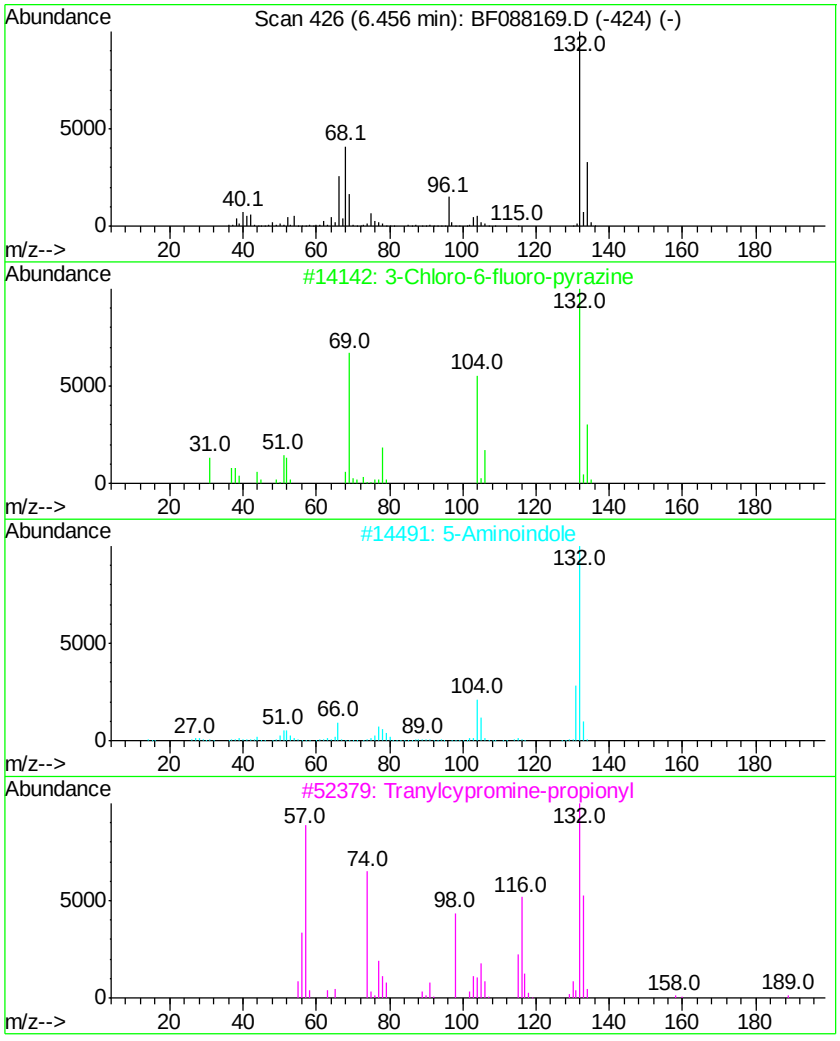
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

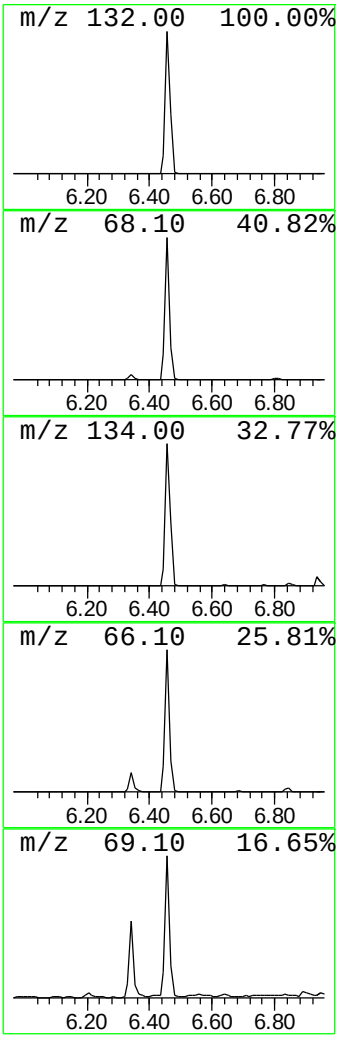
****

Peak Number 3 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.81 ng	1942120	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
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Sample : H3628-14
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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

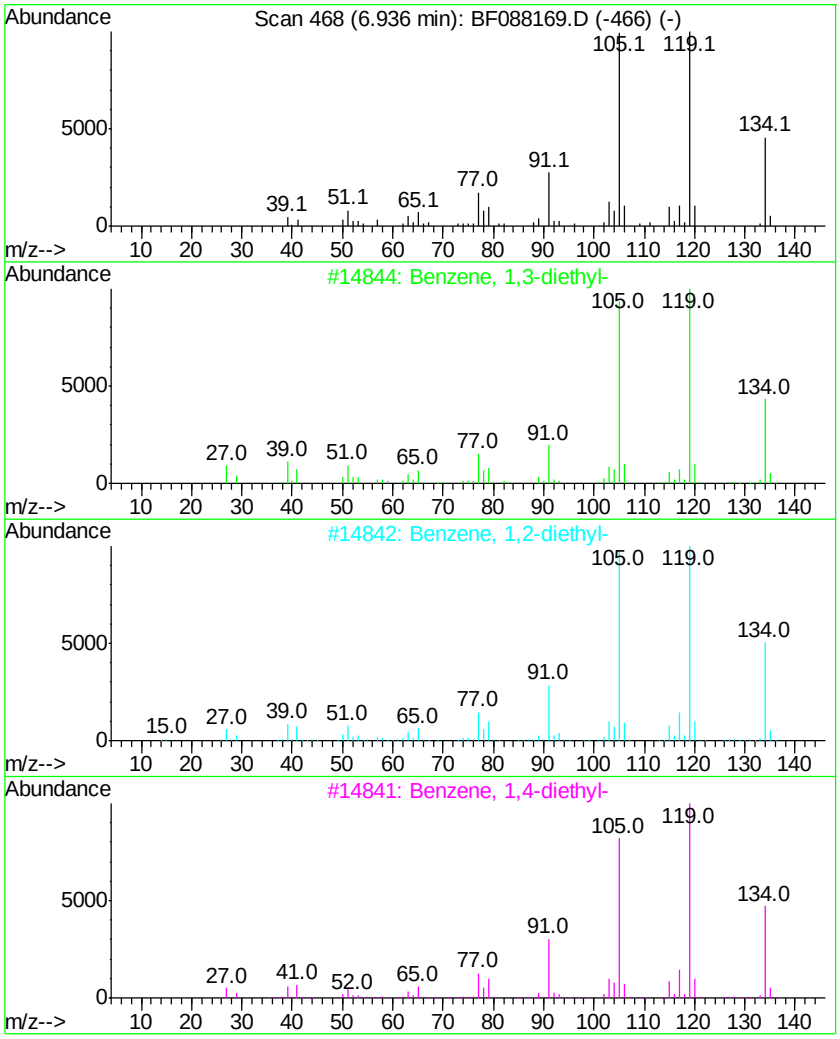
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

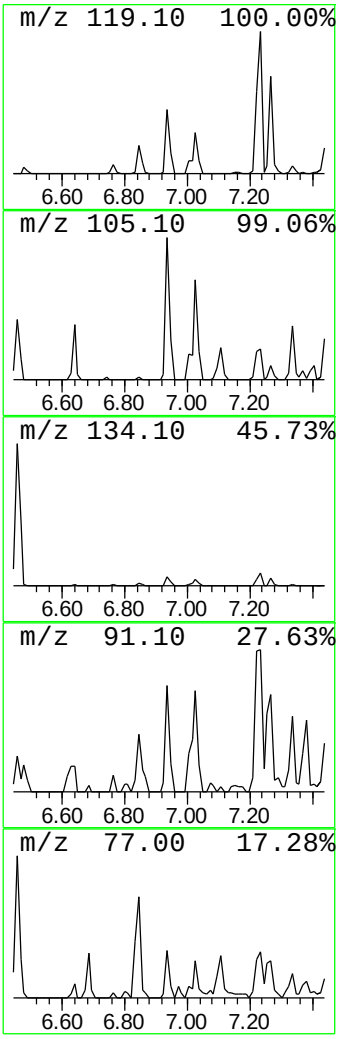
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	5.47 ng	152037	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

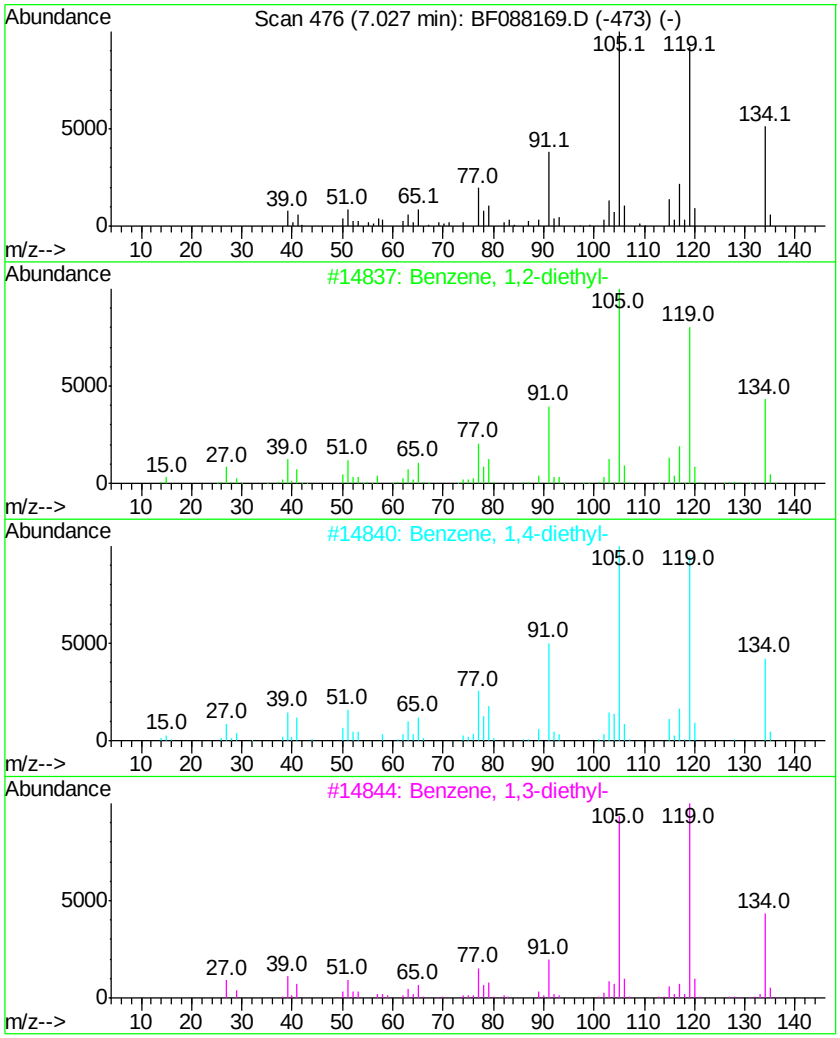
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

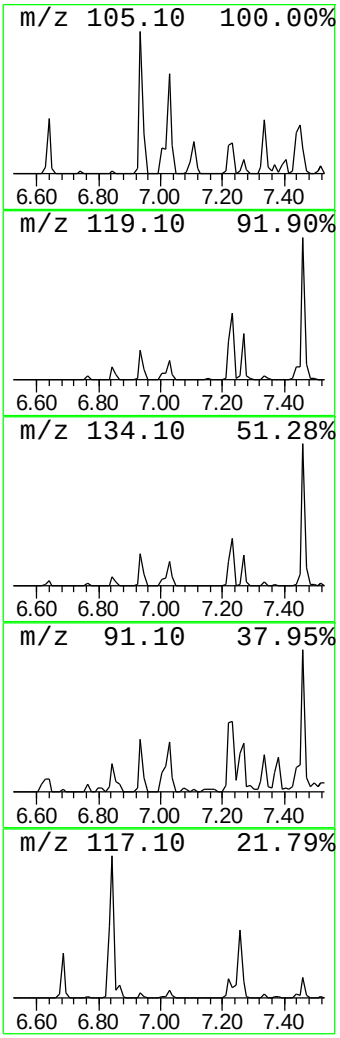
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	4.26 ng	118574	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

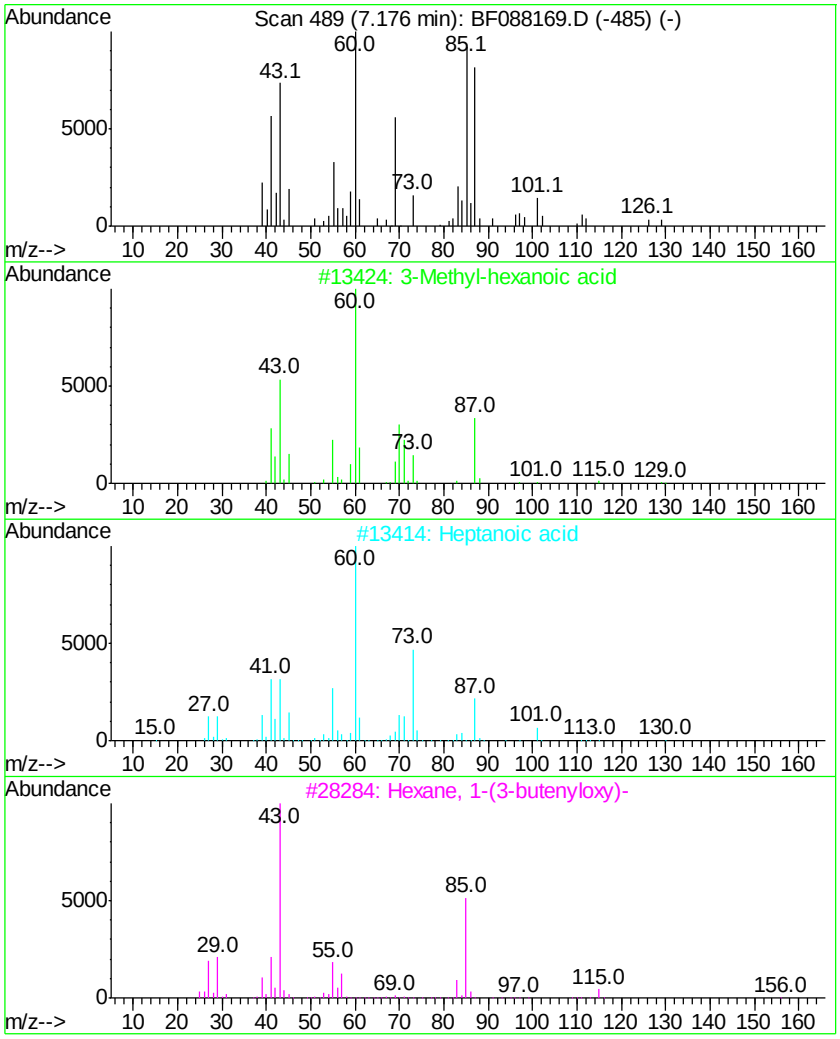
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

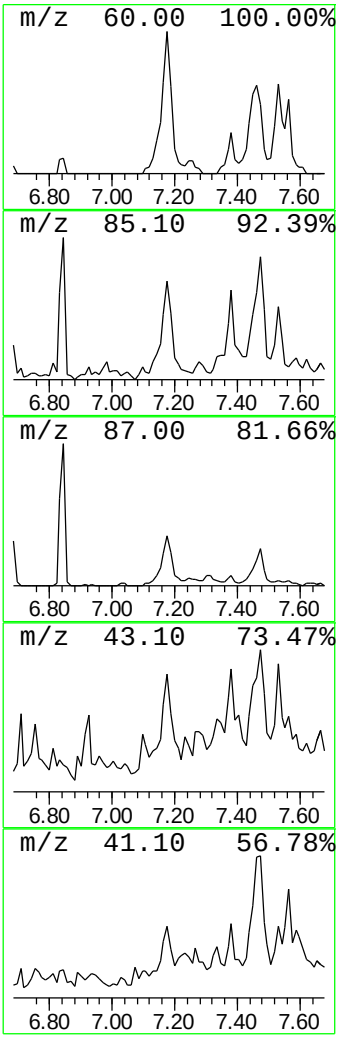
****

Peak Number 7 unknown7.18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	4.35 ng	121011	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	46
2	Heptanoic acid	130	C7H14O2	000111-14-8	35
3	Hexane, 1-(3-butenyloxy)-	156	C10H20O	107995-55-1	22
4	Hexanoic acid	116	C6H12O2	000142-62-1	22
5	5-Dodecanol	186	C12H26O	010203-33-5	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

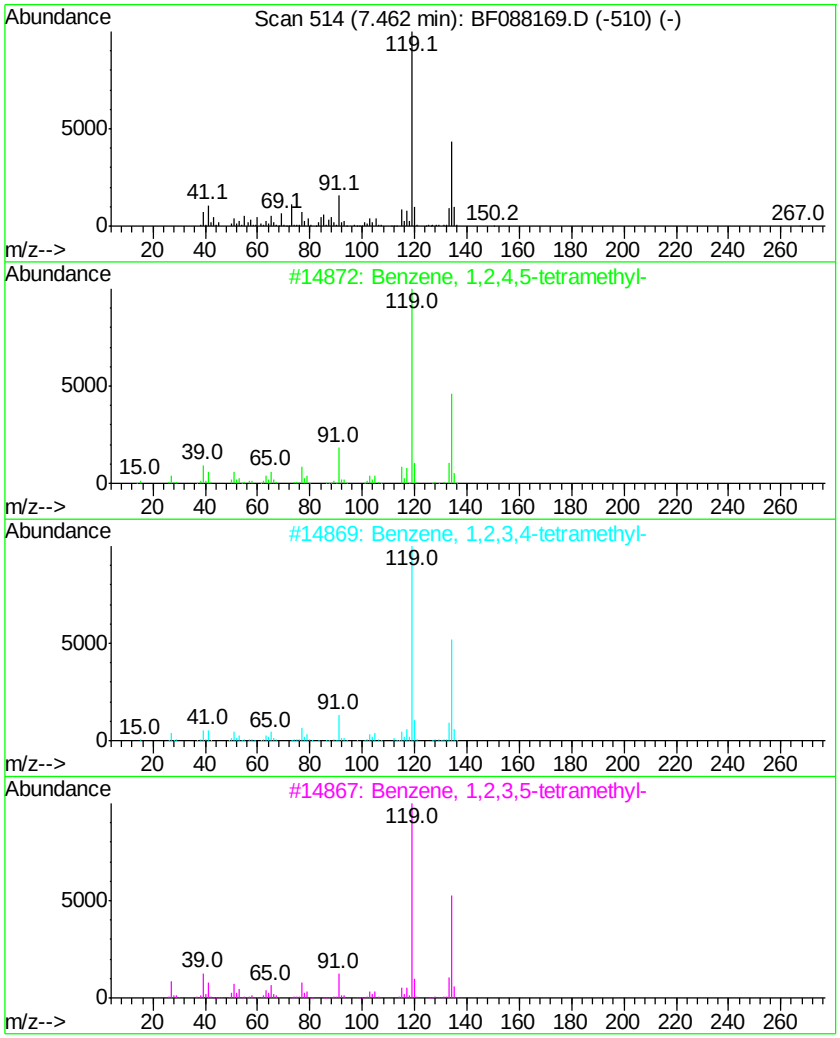
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

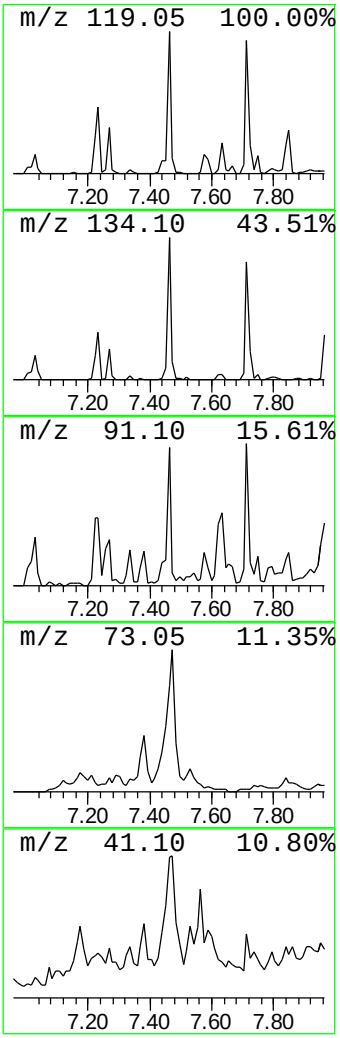
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	11.73 ng	627135	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	o-Cymene	134	C10H14	000527-84-4	91





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Acq On : 19 Jun 2016 8:35
Operator : UM/SJ
Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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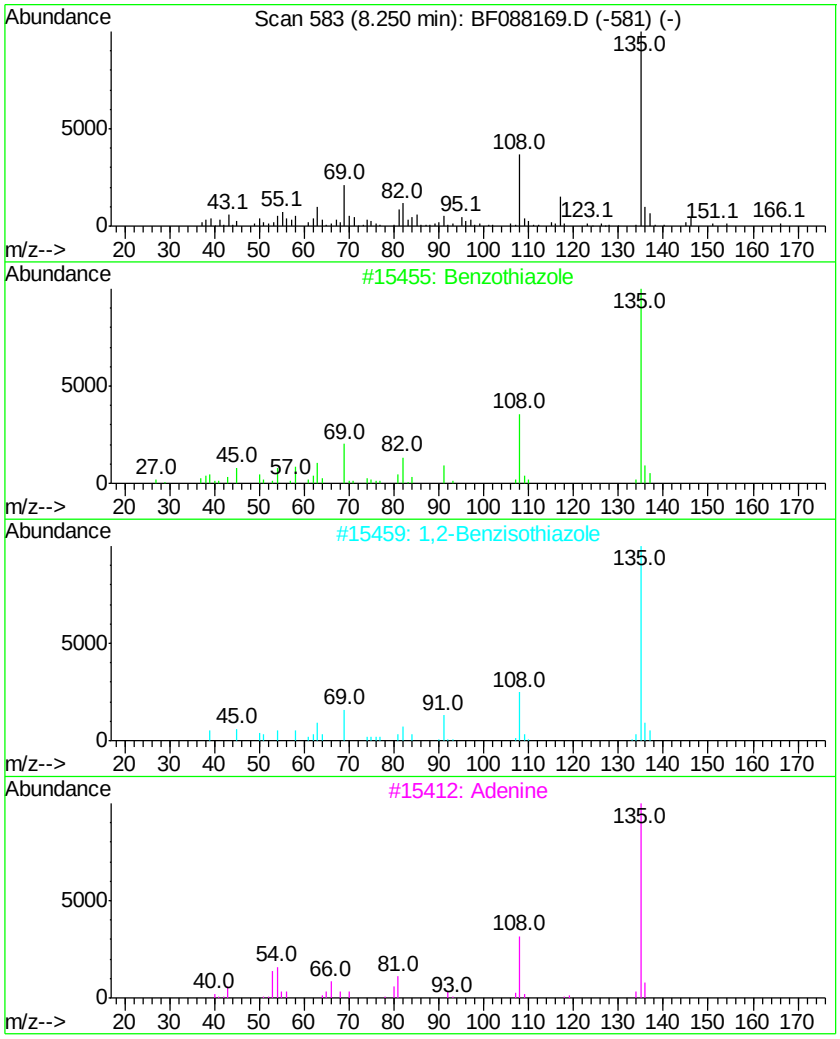
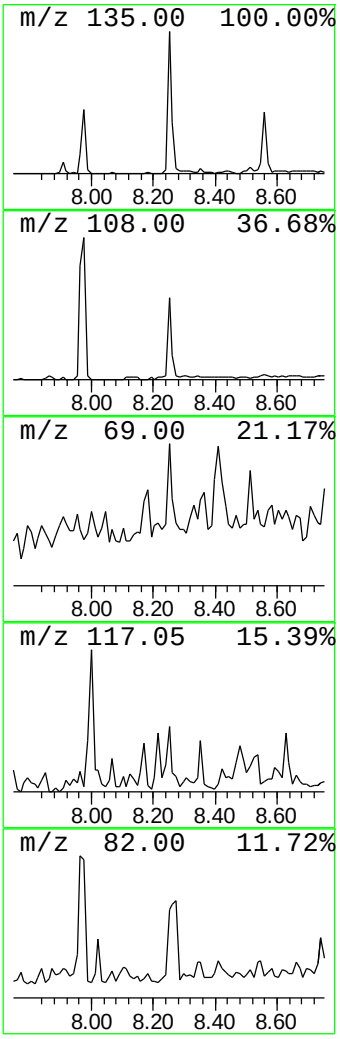
Peak Number 10 Benzothiazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.95 ng	264599	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	81
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	81
3	Adenine	135	C5H5N5	000073-24-5	64
4	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	59
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	59





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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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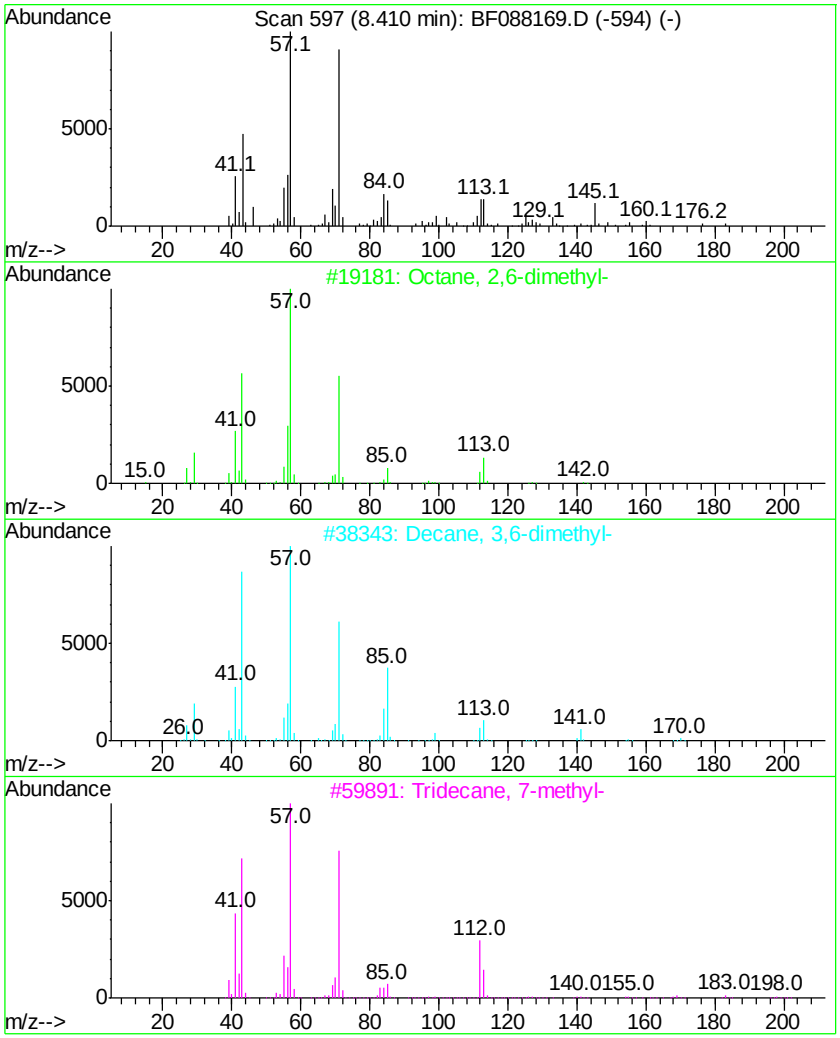
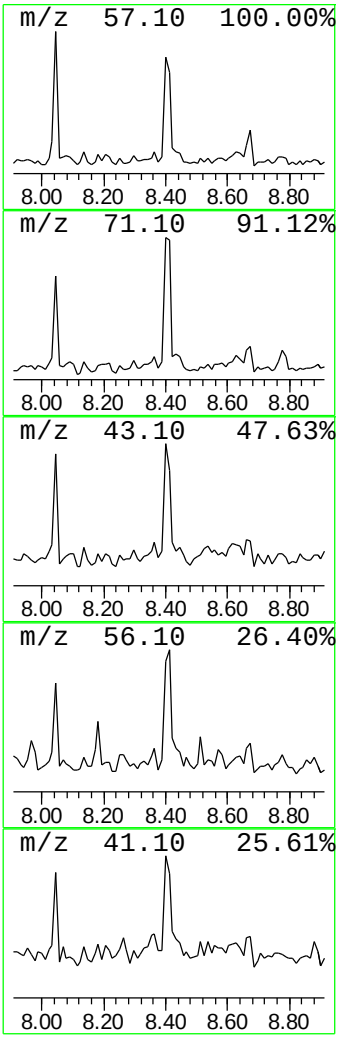
Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	6.34 ng	339089	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	58





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ClientSampleId : W-37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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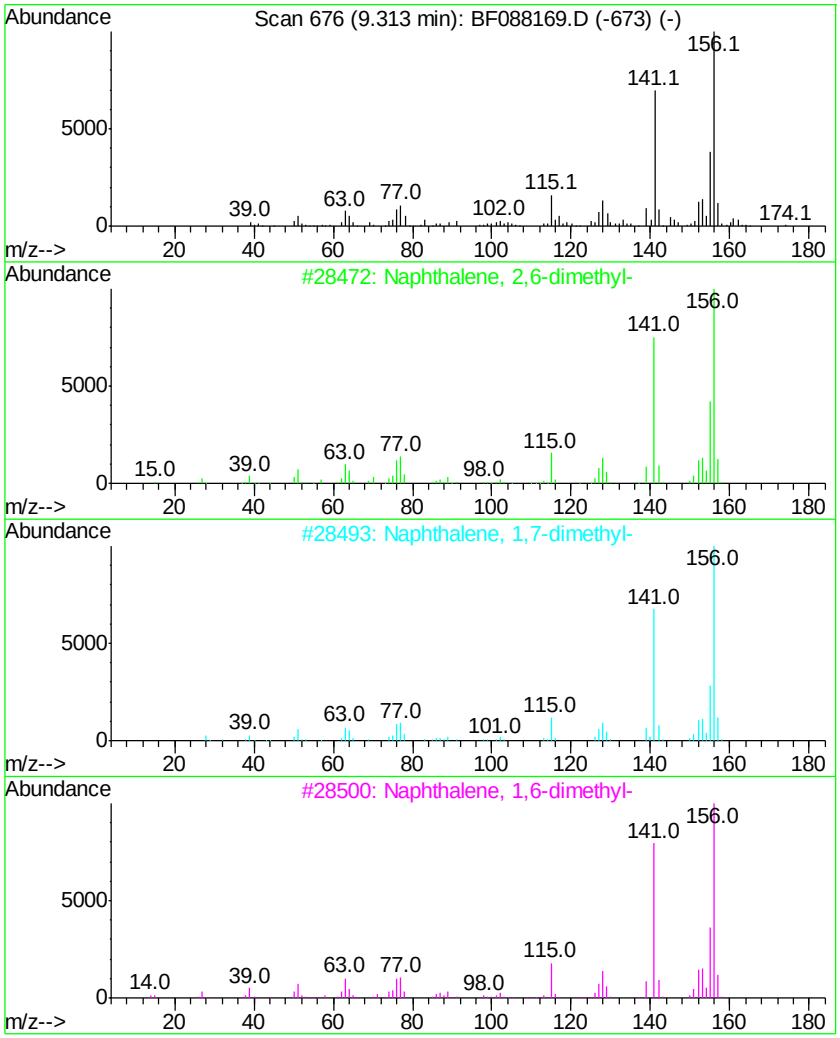
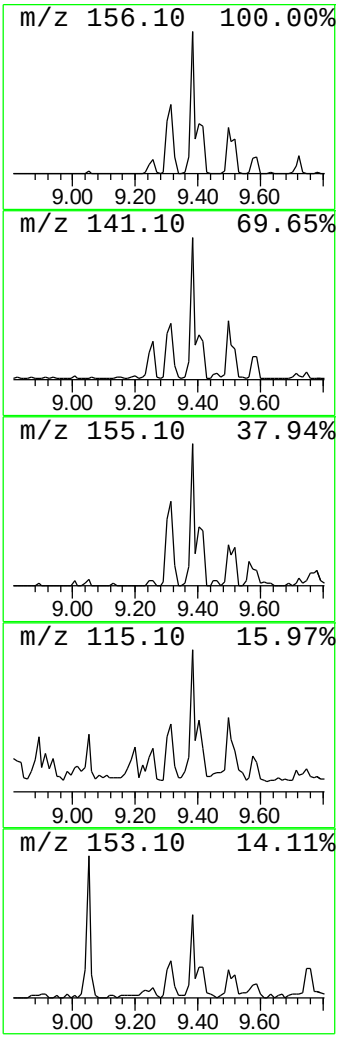
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	6.72 ng	224985	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_F
ClientSampleId : W-37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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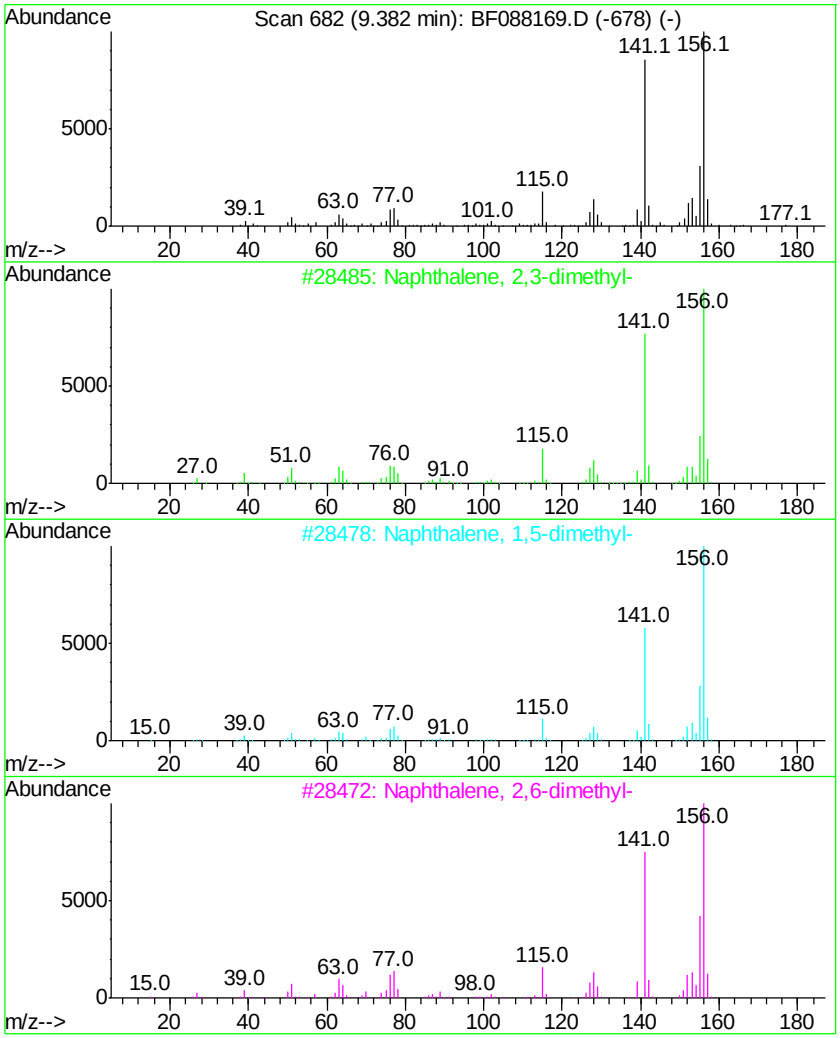
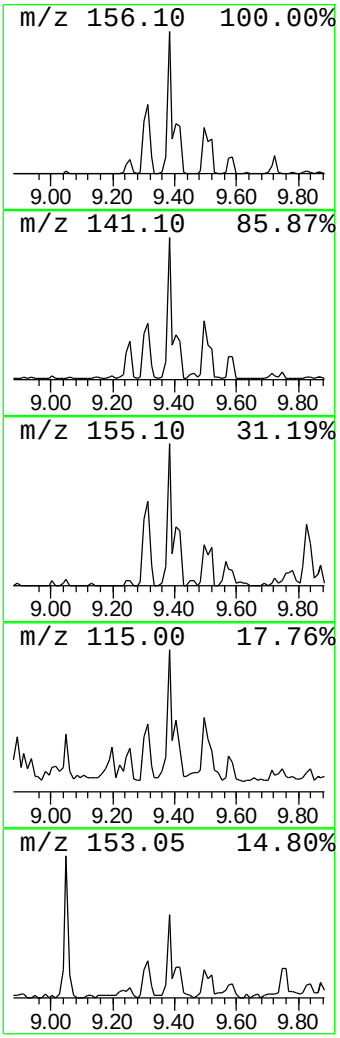
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	9.56 ng	320123	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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ALS Vial : 48 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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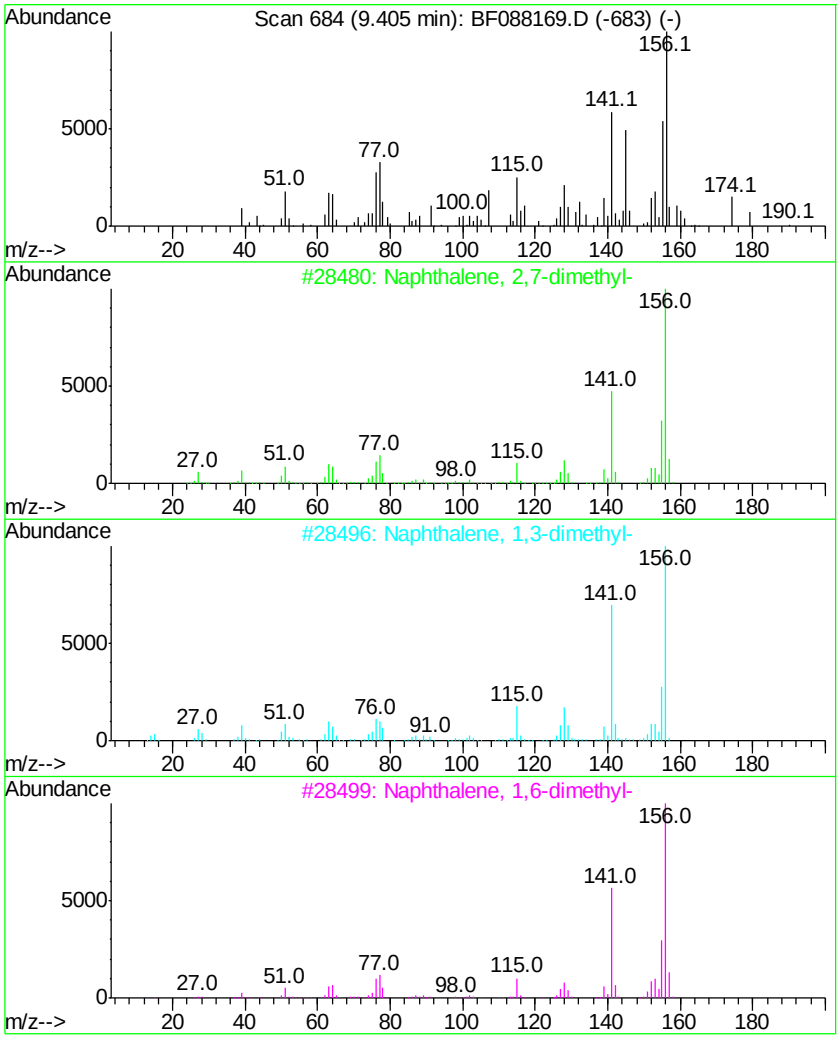
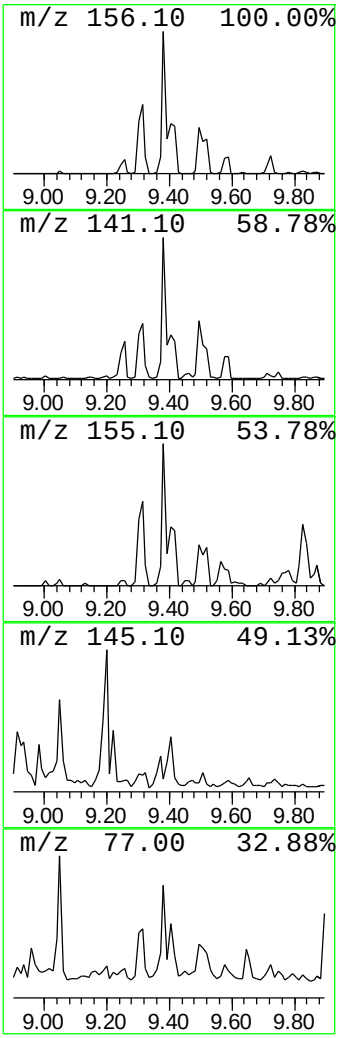
Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	6.07 ng	203236	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	58
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	58
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	53





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Sample : H3628-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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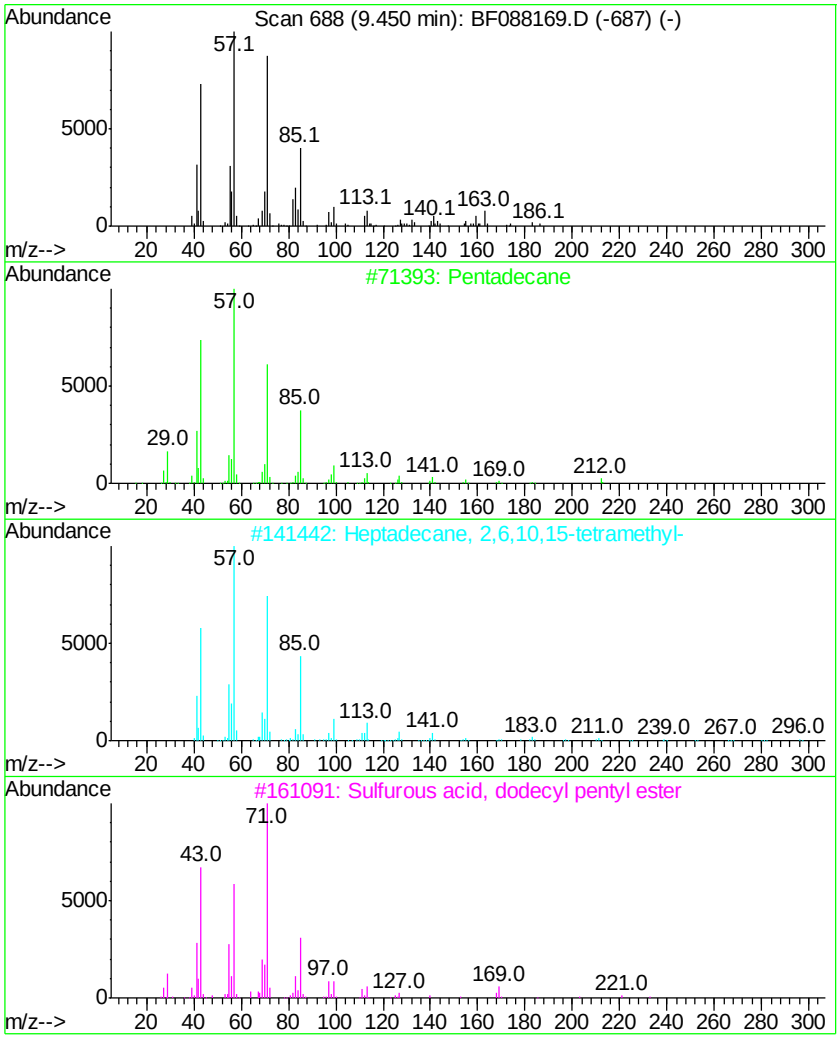
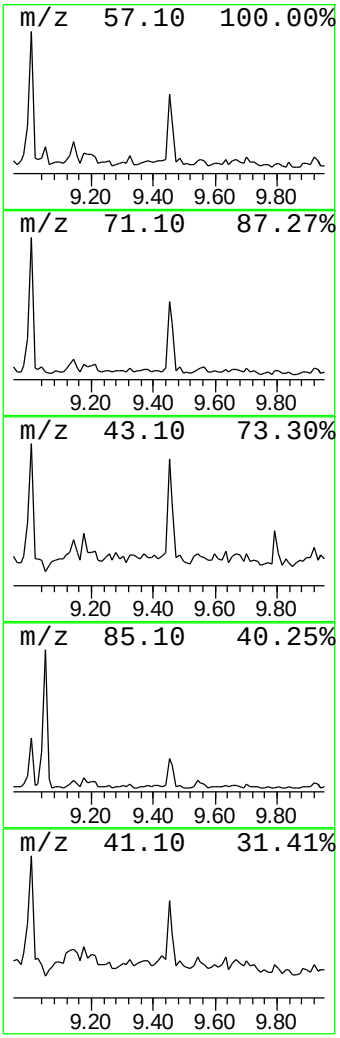
Peak Number 16 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	6.10 ng	204283	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	Eicosane	282	C20H42	000112-95-8	49





Library Search Compound Report

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Operator : UM/SJ
Sample : H3628-14
Misc :
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Instrument : BNA_F
ClientSampleId : W-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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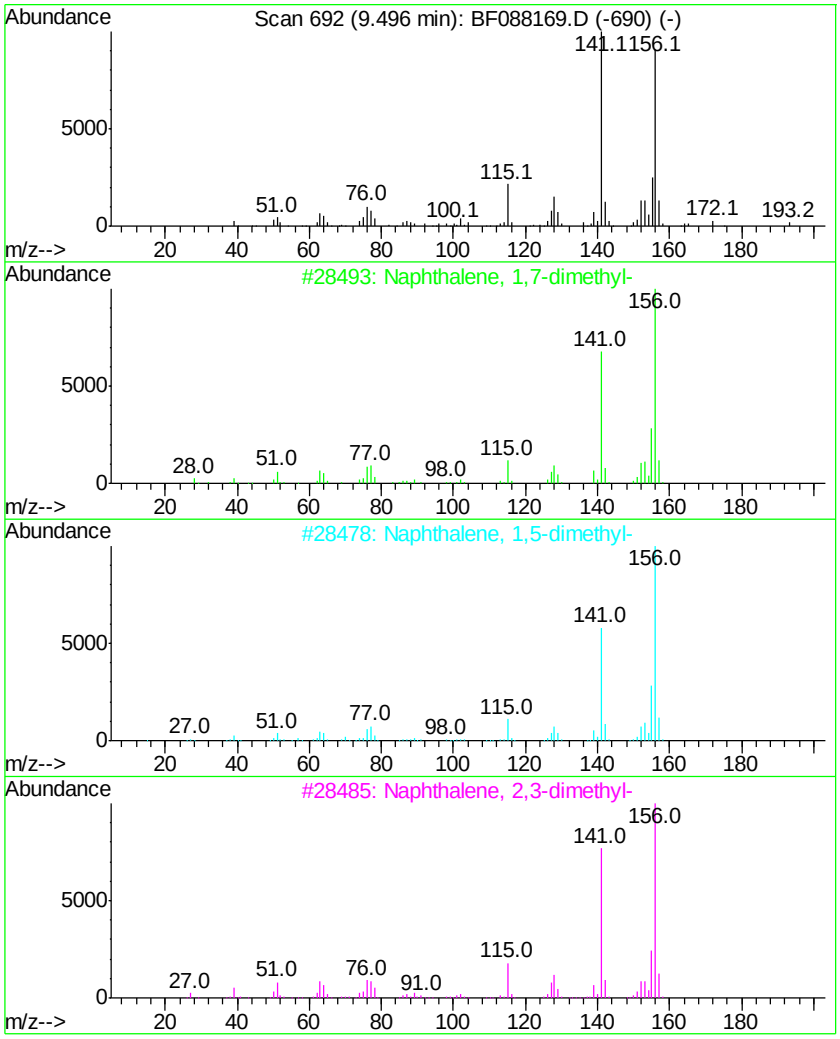
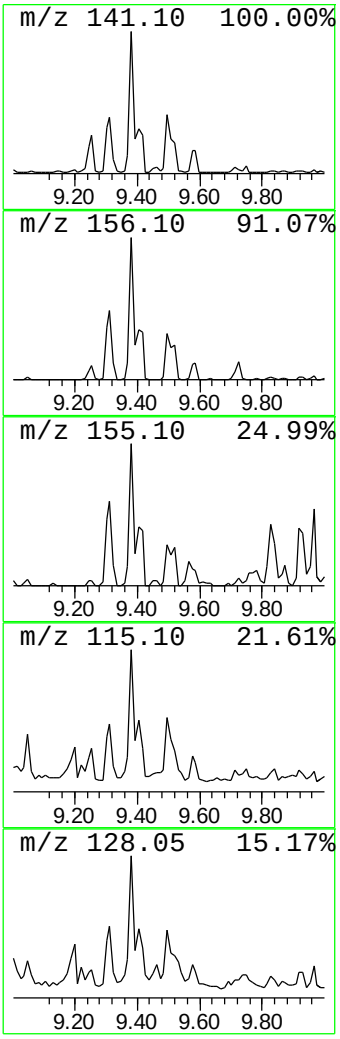
Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.45 ng	249673	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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TIC Library : C:\Database\NIST11.L
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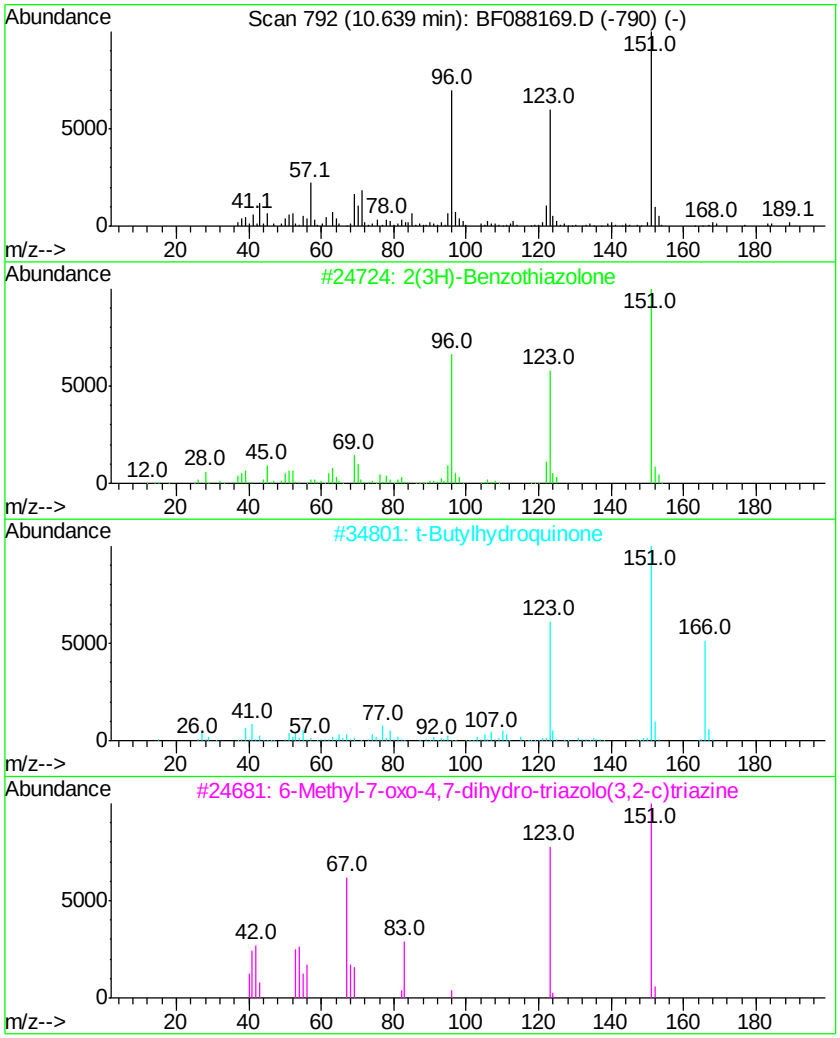
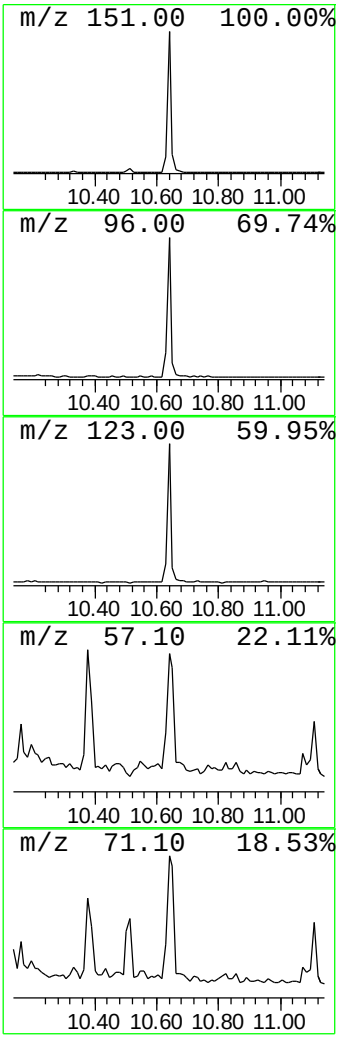
Peak Number 18 2(3H)-Benzothiazolone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	10.51 ng	284050	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	t-Butylhydroquinone	166	C10H14O2	001948-33-0	50
3	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	47
5	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	47





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TIC Library : C:\Database\NIST11.L
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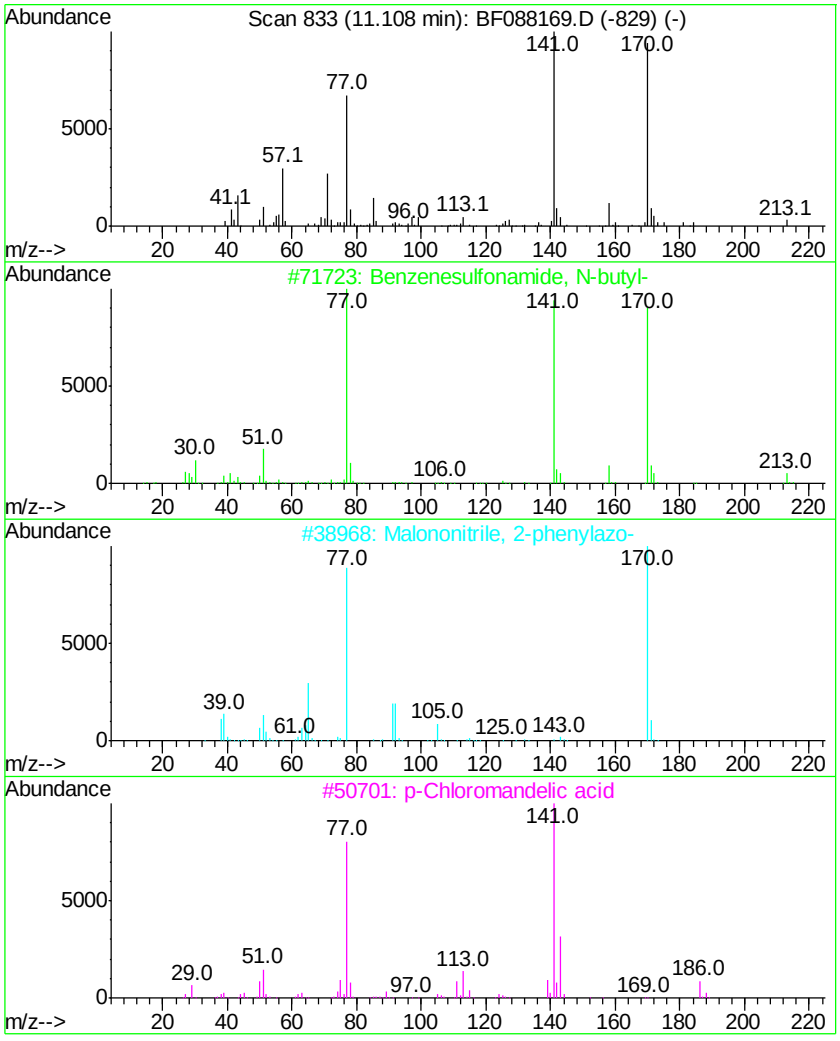
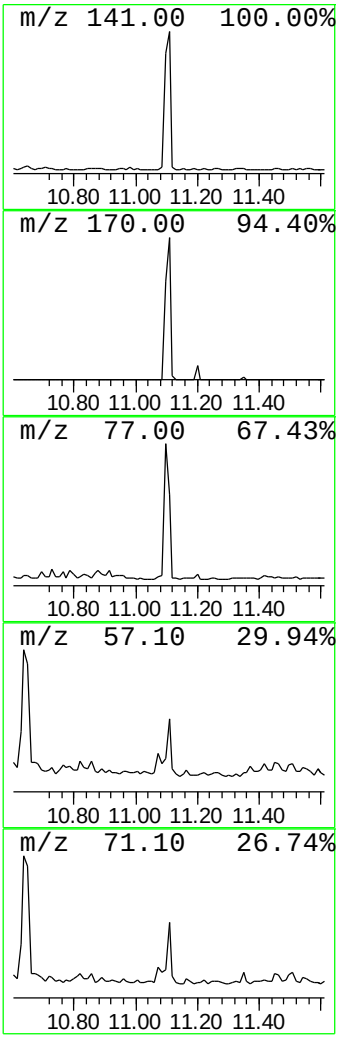
Peak Number 19 Benzenesulfonamide, N-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.07 ng	137070	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	87
2	Malononitrile, 2-phenylazo-	170	C9H6N4	1000316-88-1	38
3	p-Chloromandelic acid	186	C8H7ClO3	000492-86-4	35
4	cis-2-Thioxo-5,6-trimethylene-2,...	170	C7H10N2OS	126474-25-7	27
5	3,4-Dimethoxythiophenol	170	C8H10O2S	019689-66-8	27





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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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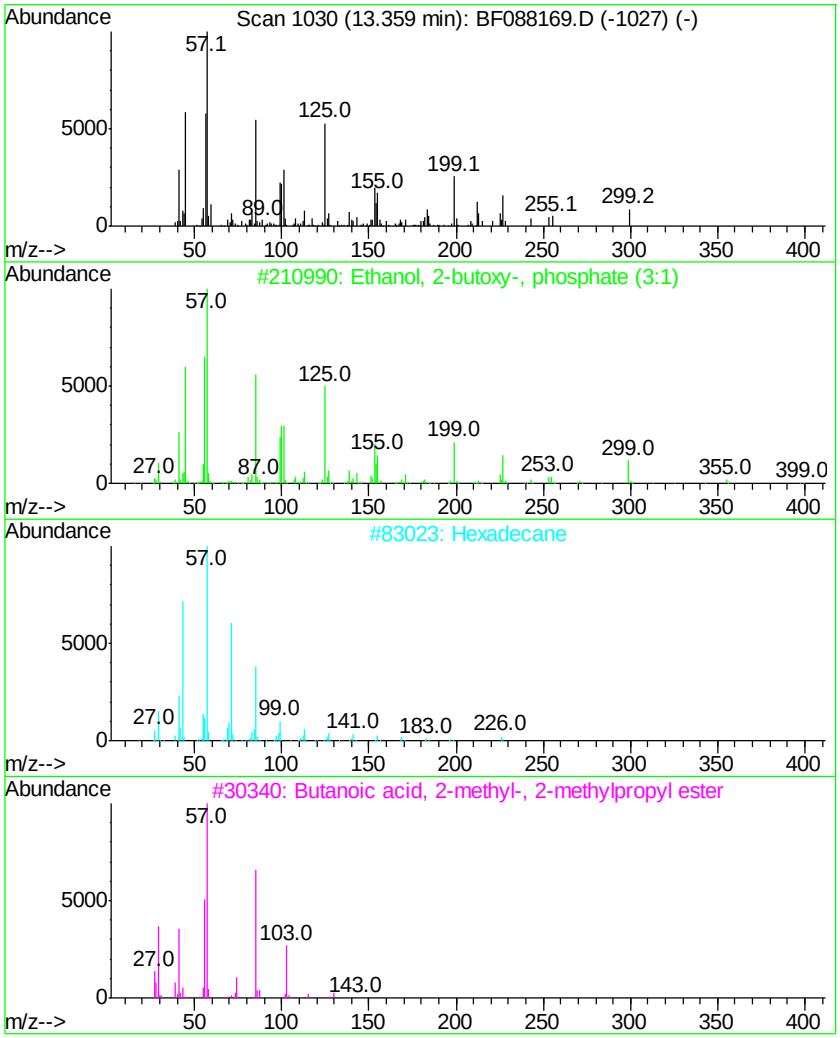
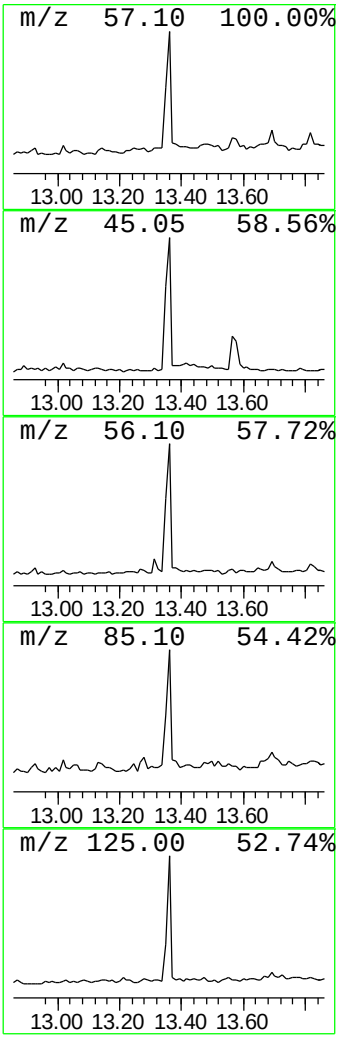
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	5.06 ng	126835	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2	Hexadecane	226	C16H34	000544-76-3	11
3	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	10
4	Bicyclo[3.3.1]nonane-3,7-dione, ...	212	C9H16N4O2	1000310-92-2	10
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	10





Tentatively Identified Compound (LSC) summary

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Data File : BF088169.D
Acq On : 19 Jun 2016 8:35
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	2.81	5.1	ng	141032	1	6.68	556378	20.0
unknown6.46	6.46	69.8	ng	1942120	1	6.68	556378	20.0
Benzene, 1,3-diet...	6.94	5.5	ng	152037	1	6.68	556378	20.0
Benzene, 1,2-diet...	7.03	4.3	ng	118574	1	6.68	556378	20.0
unknown7.18	7.18	4.3	ng	121011	1	6.68	556378	20.0
Benzene, 1,2,4,5-...	7.46	11.7	ng	627135	2	7.98	1069690	20.0
Benzothiazole	8.25	5.0	ng	264599	2	7.98	1069690	20.0
Octane, 2,6-dimet...	8.41	6.3	ng	339089	2	7.98	1069690	20.0
Naphthalene, 2,6-...	9.31	6.7	ng	224985	3	9.72	670056	20.0
Naphthalene, 2,3-...	9.38	9.6	ng	320123	3	9.72	670056	20.0
Naphthalene, 2,7-...	9.40	6.1	ng	203236	3	9.72	670056	20.0
Pentadecane	9.45	6.1	ng	204283	3	9.72	670056	20.0
Naphthalene, 1,7-...	9.50	7.5	ng	249673	3	9.72	670056	20.0
2(3H)-Benzothiazo...	10.64	10.5	ng	284050	4	11.20	540399	20.0
Benzenesulfonamid...	11.11	5.1	ng	137070	4	11.20	540399	20.0
Ethanol, 2-butoxy...	13.36	5.1	ng	126835	5	13.83	501119	20.0