LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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	1.781	15	17	34	rVB	79149	119838	5.10%	0.645%
2	4.833	281	284	290	rBV	44540	60663	2.58%	0.327%
3	5.279	321	323	326	rBV	1078563	1025397	43.62%	5.522%
4	6.341	413	416	418	rBV	562397	680107	28.93%	3.663%
5	6.456	423	426	428	rBV	1880746	1699697	72.30%	9.153%
6	6.536	431	433	438	rVB3	17449	38671	1.64%	0.208%
7	6.639	438	442	444	rBV2	14490	24530	1.04%	0.132%
8	6.684	444	446	448	rBV	611809	528776	22.49%	2.848%
9	6.844	457	460	462	rBV	1730130	1869820	79.54%	10.070%
10	6.936	467	468	473	rVB5	16520	31386	1.34%	0.169%
11	7.027	474	476	479	rBV2	48196	55256	2.35%	0.298%
12	7.073	479	480	482	rBV2	24180	27575	1.17%	0.148%
13	7.256	493	496	498	rBV	1379867	1386926	59.00%	7.469%
14	7.336	500	503	504	rBV2	34413	44670	1.90%	0.241%
15	7.382	504	507	508	rVB	33876	41856	1.78%	0.225%
16	7.462	510	514	515	rVV2	43346	63386	2.70%	0.341%
17	7.622	525	528	532	rVB4	50911	108544	4.62%	0.585%
18	7.736	532	538	540	rBV4	19743	63304	2.69%	0.341%
19	7.782	540	542	544	rBV3	18345	30502	1.30%	0.164%
20	7.907	552	553	556	rVB2	29144	33638	1.43%	0.181%
21	7.976	556	559	560	rBV	467935	643001	27.35%	3.463%
22	7.999	560	561	568	rVB3	36958	56479	2.40%	0.304%
23	8.102	568	570	573	rBV3	21804	48761	2.07%	0.263%
24	8.170	573	576	577	rBV	75429	76432	3.25%	0.412%
25	8.193	577	578	581	rVB3	16122	31040	1.32%	0.167%
26	8.262	583	584	586	rBV2	26268	32965	1.40%	0.178%
27	8.319	587	589	591	rBV2	27830	45358	1.93%	0.244%
28	8.353	591	592	595	rVB3	44353	43191	1.84%	0.233%
29	8.422	595	598	599	rBV3	46178	81943	3.49%	0.441%
30	8.445	599	600	604	rVB3	30786	58852	2.50%	0.317%
31	8.536	606	608	610	rVB	77109	71972	3.06%	0.388%
32	8.593	610	613	614	rBV2	19081	29499	1.25%	0.159%
33	8.627	614	616	618	rBV3	18790	26371	1.12%	0.142%
34	8.673	618	620	622	rBV3	31001	40217	1.71%	0.217%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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	8.753	623	627	628	rBV3	68627	108262	4.61%	0.583%
36	8.856	635	636	637	rBV	39642	43436	1.85%	0.234%
37	8.970	644	646	647	rBV	44855	51452	2.19%	0.277%
38	9.005	647	649	650	rVV	82466	88044	3.75%	0.474%
39	9.050	650	653	658	rVB	2219835	2350908	100.00%	12.660%
40	9.176	661	664	666	rBV2	75946	116380	4.95%	0.627%
41	9.393	680	683	684	rBV2	68555	102512	4.36%	0.552%
42	9.450	687	688	690	rBV	38013	42989	1.83%	0.232%
43	9.496	690	692	693	rBV2	37727	32381	1.38%	0.174%
44	9.576	698	699	705	rVB4	46525	109217	4.65%	0.588%
45	9.668	705	707	708	rBV2	37225	31374	1.33%	0.169%
46	9.725	708	712	713	rVV	598814	683956	29.09%	3.683%
47	9.748	713	714	717	rVB2	69466	87988	3.74%	0.474%
48	9.930	728	730	732	rVB2	42050	44883	1.91%	0.242%
49	10.033	737	739	741	rVV3	72594	107343	4.57%	0.578%
50	10.079	741	743	747	rVV5	72516	163108	6.94%	0.878%
51	10.159	747	750	753	rVB3	82213	135448	5.76%	0.729%
52	10.216	753	755	758	rBV3	44184	69907	2.97%	0.376%
53	10.376	767	769	775	rVB7	51305	151605	6.45%	0.816%
54	10.468	775	777	778	rVV	54312	61022	2.60%	0.329%
55	10.513	778	781	783	rVV	1018214	1101722	46.86%	5.933%
56	10.582	785	787	789	rVV	47911	56829	2.42%	0.306%
57	10.628	789	791	795	rVB4	35502	64501	2.74%	0.347%
58	11.199	839	841	844	rVB	583436	495818	21.09%	2.670%
59	11.748	888	889	890	rBV	42312	34729	1.48%	0.187%
60	12.616	963	965	968	rVB3	15737	24288	1.03%	0.131%
61	12.674	968	970	977	rVB	25136	49582	2.11%	0.267%
62	12.788	977	980	982	rBV	1736798	1987160	84.53%	10.701%
63	13.702	1057	1060	1064	rBV	26136	38750	1.65%	0.209%
64	13.828	1069	1071	1074	rBV	580118	519567	22.10%	2.798%
65	15.211	1189	1192	1198	rVB	318872	393268	16.73%	2.118%

Sum of corrected areas: 18569052

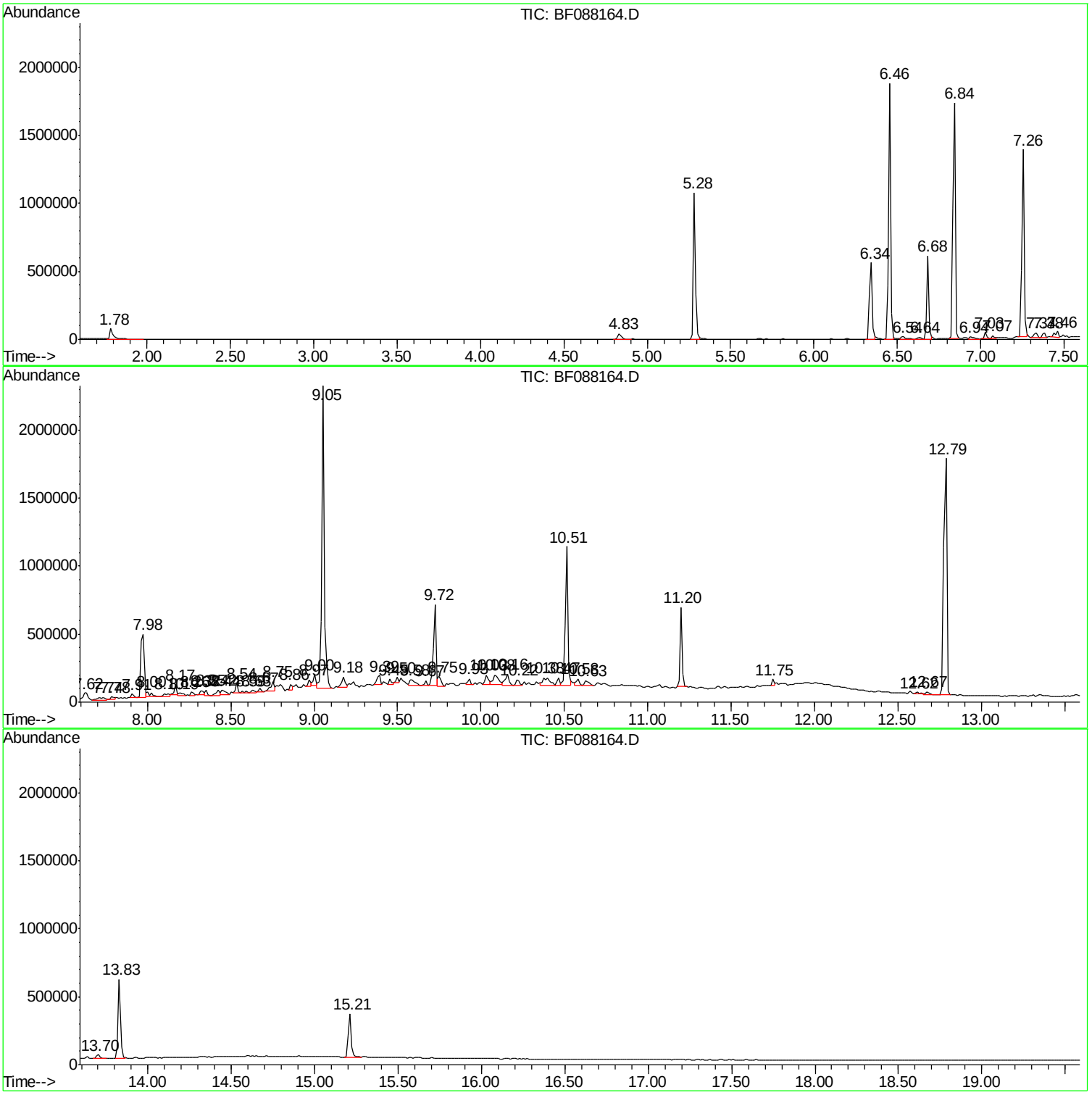
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

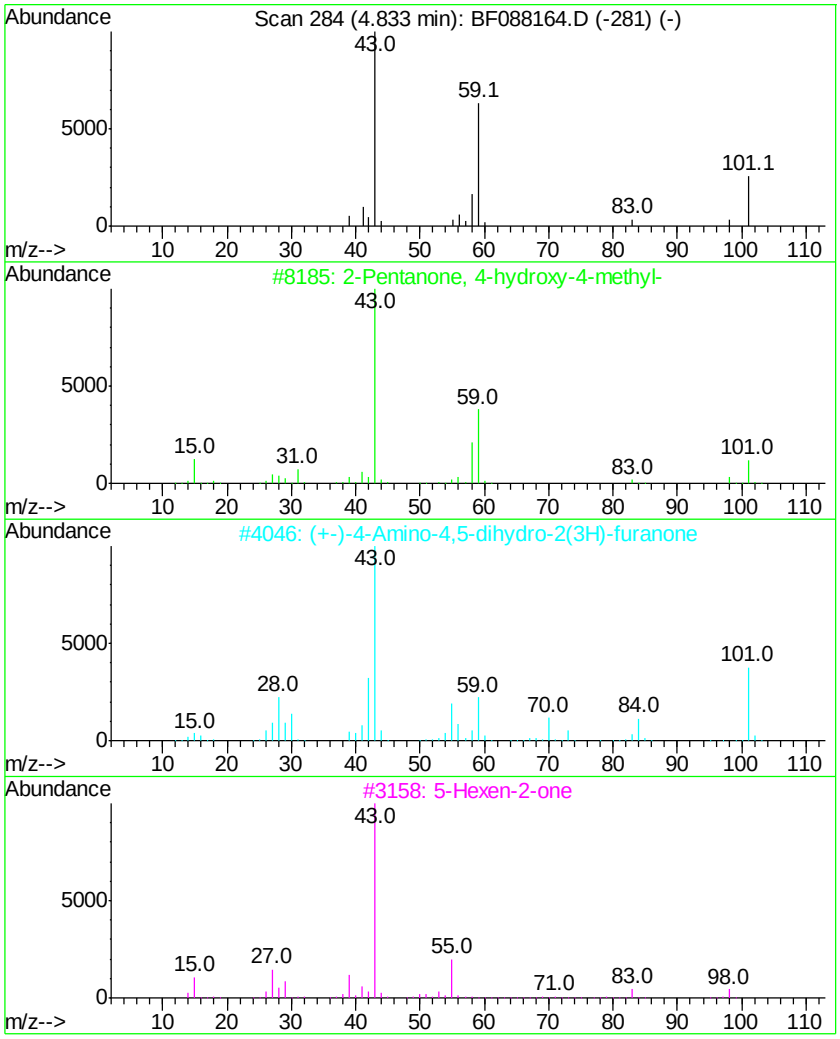
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

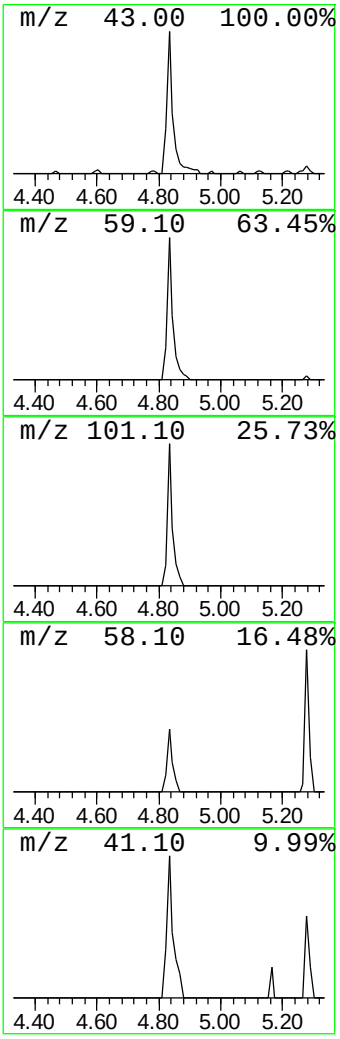
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.29 ng	60663	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

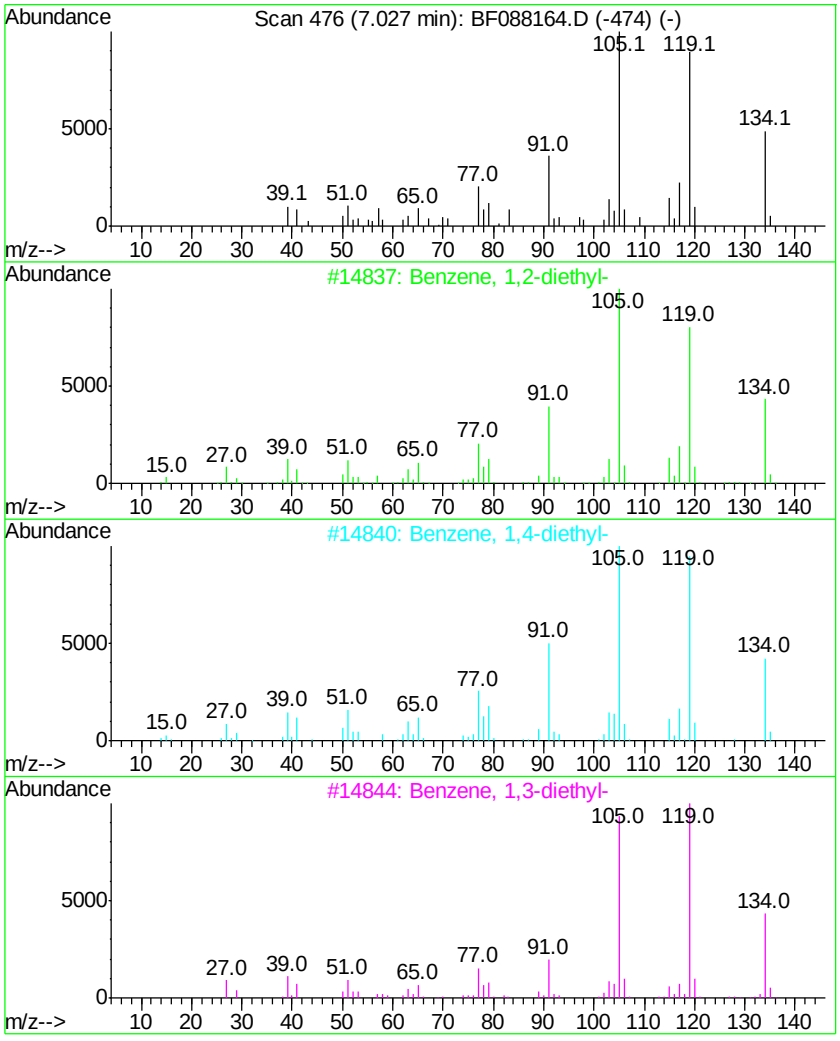
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

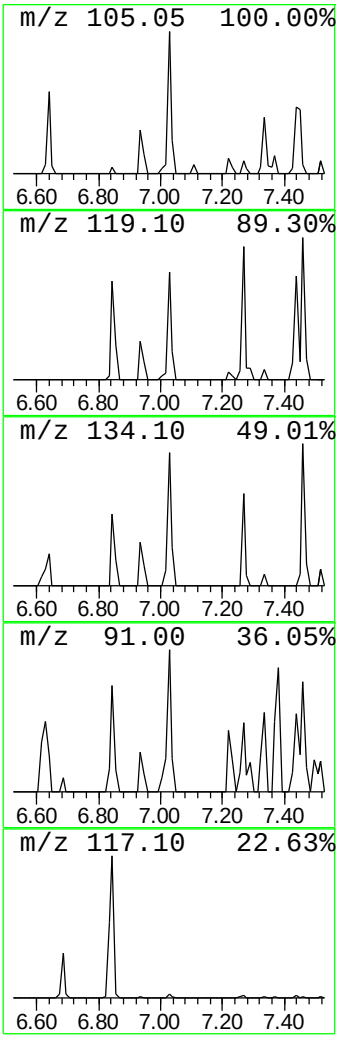
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	2.09 ng	55256	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	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

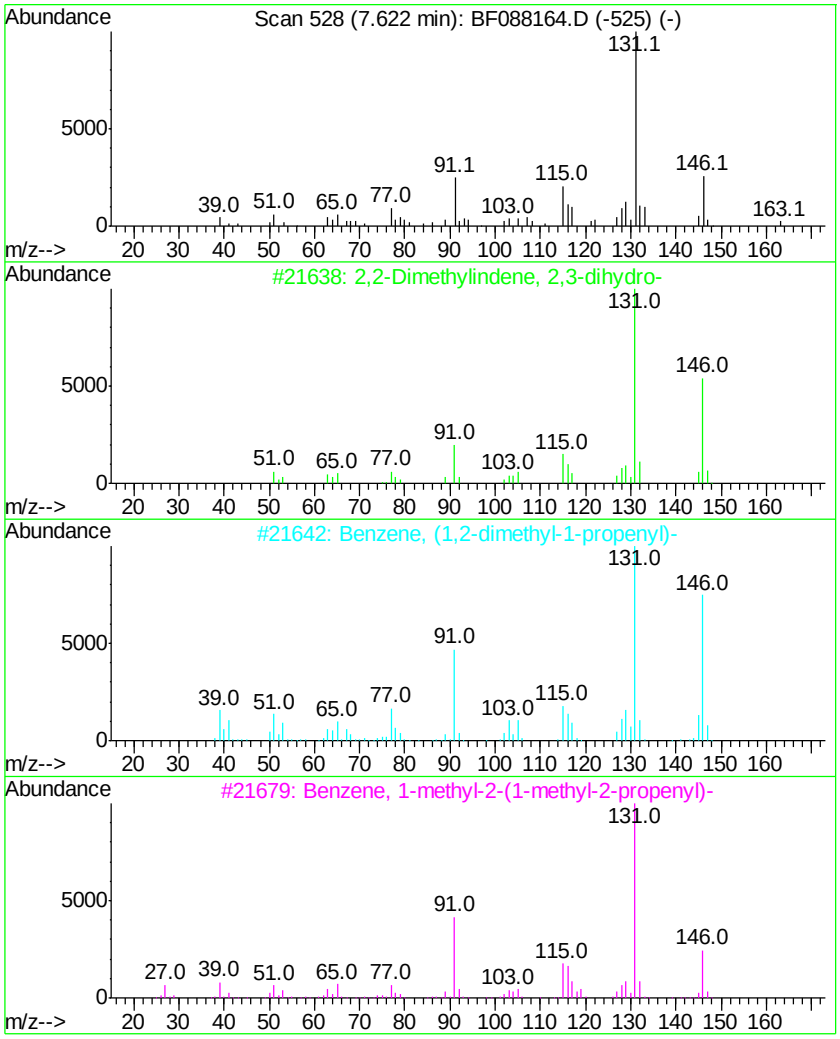
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

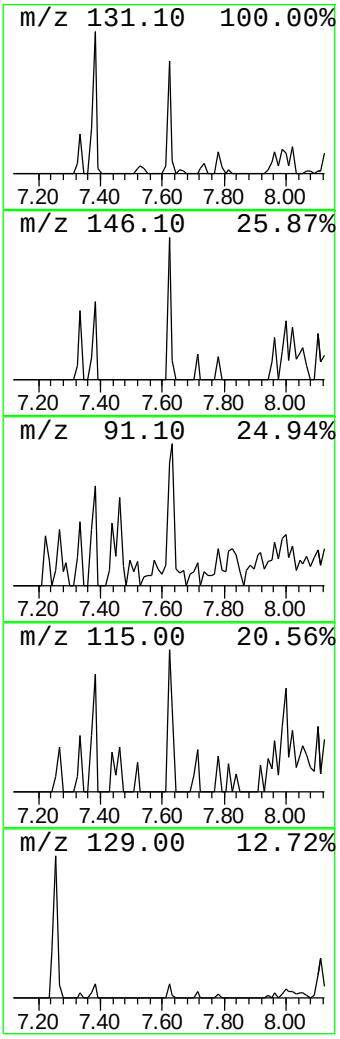
****

Peak Number 6 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.38 ng	108544	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

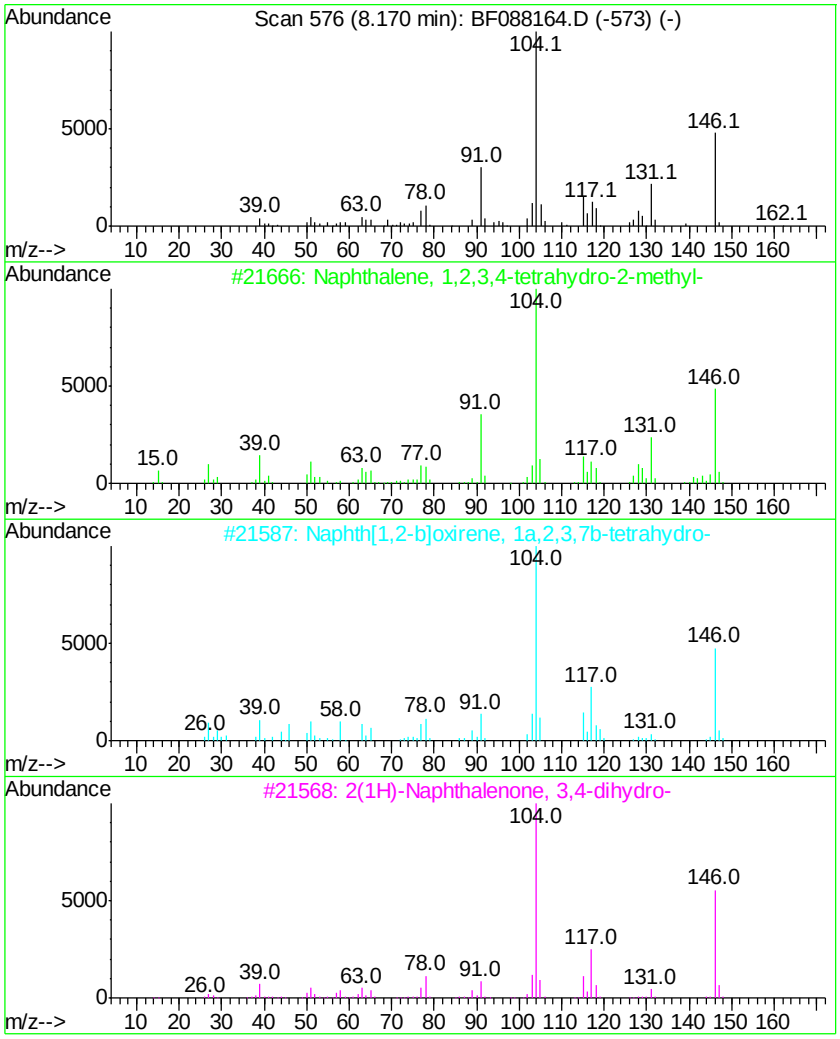
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

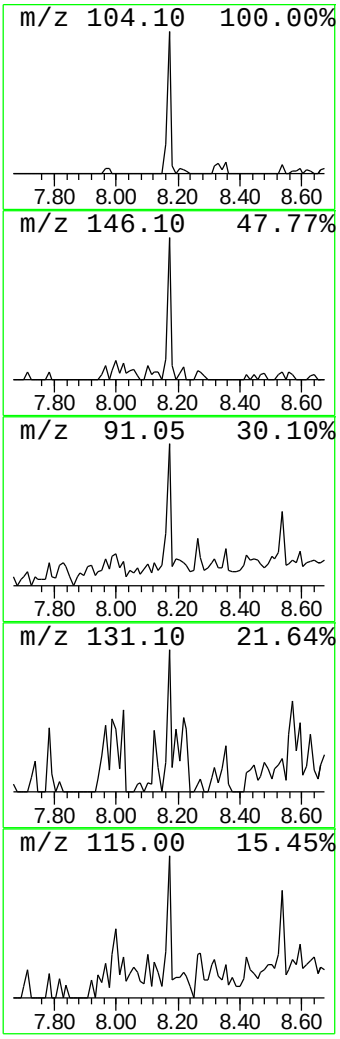
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.38 ng	76432	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

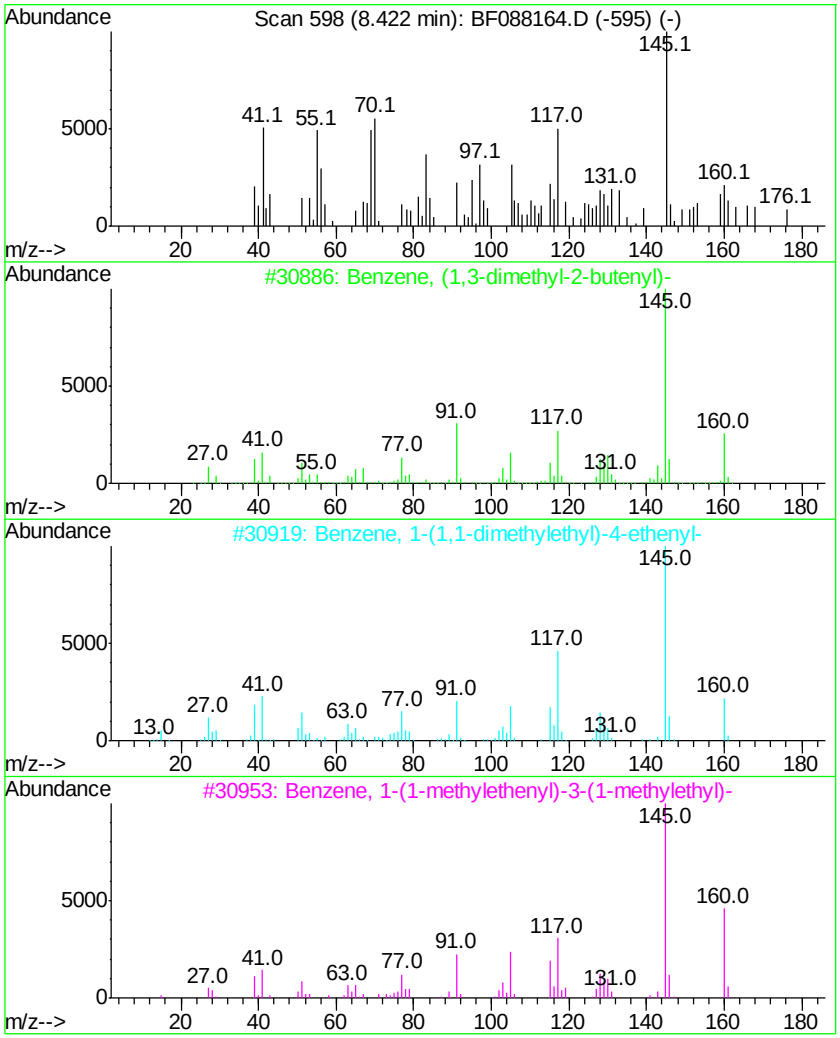
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

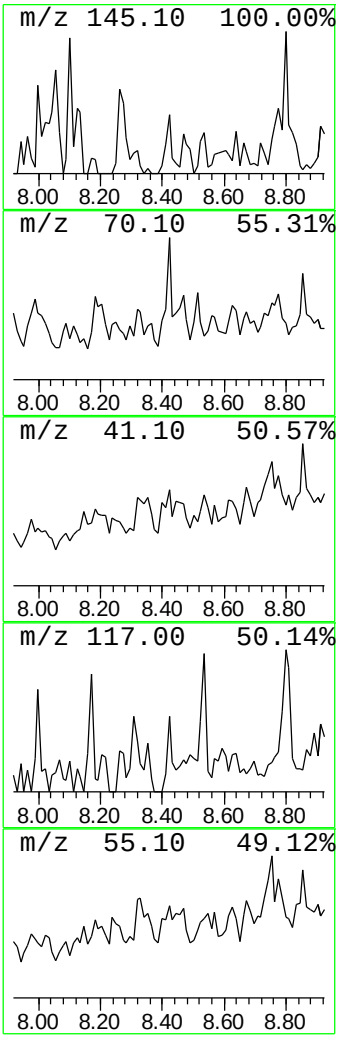
****

Peak Number 8 Benzene, (1,3-dimethyl-2-bu... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	2.55 ng	81943	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	50
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	50
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	38
5	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

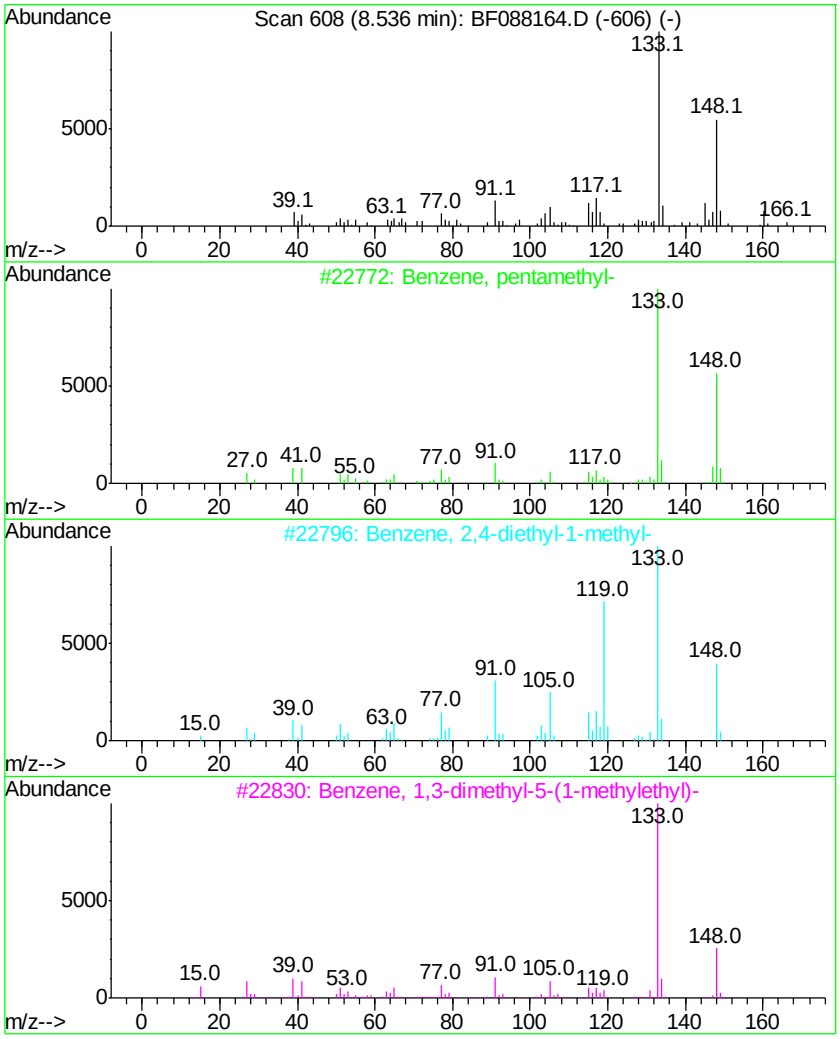
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

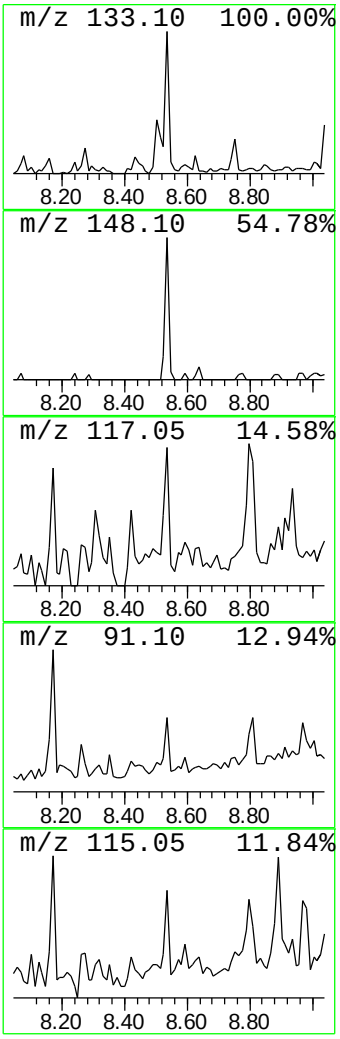
****

Peak Number 9 Benzene, pentamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.24 ng	71972	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	83
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	83
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	68
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

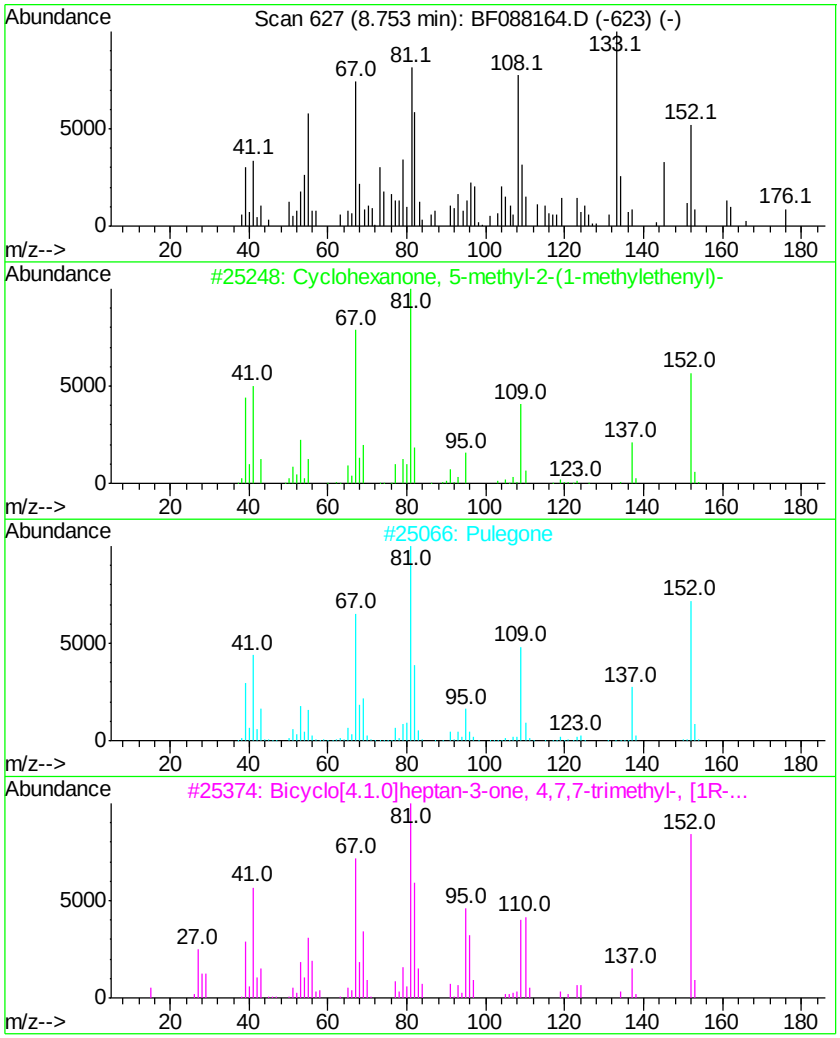
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

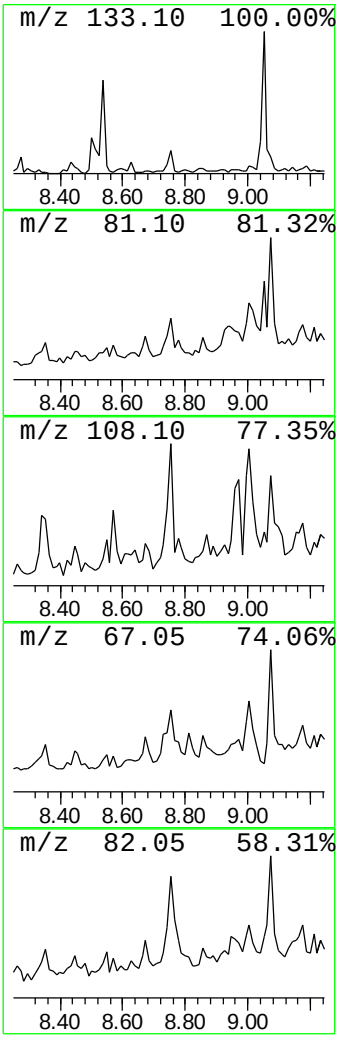
****

Peak Number 10 Cyclohexanone, 5-methyl-2-(... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.37 ng	108262	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	60
2	Pulegone	152	C10H16O	000089-82-7	46
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	46
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	43
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	41





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

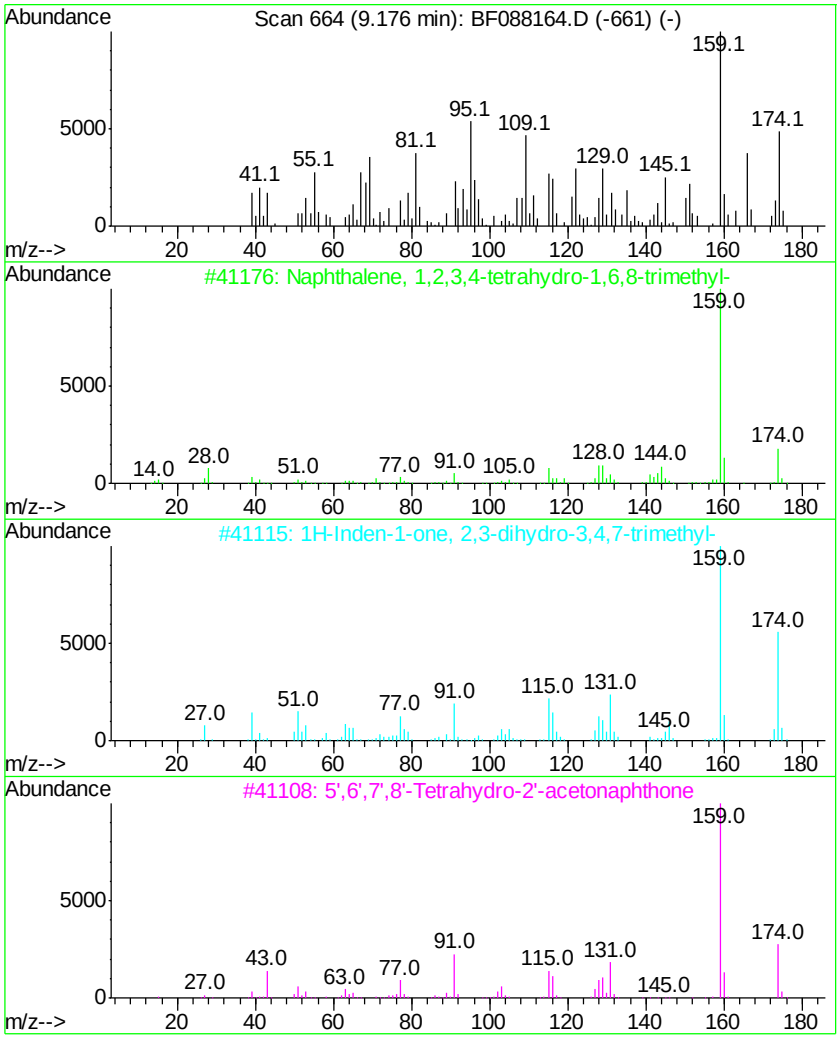
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

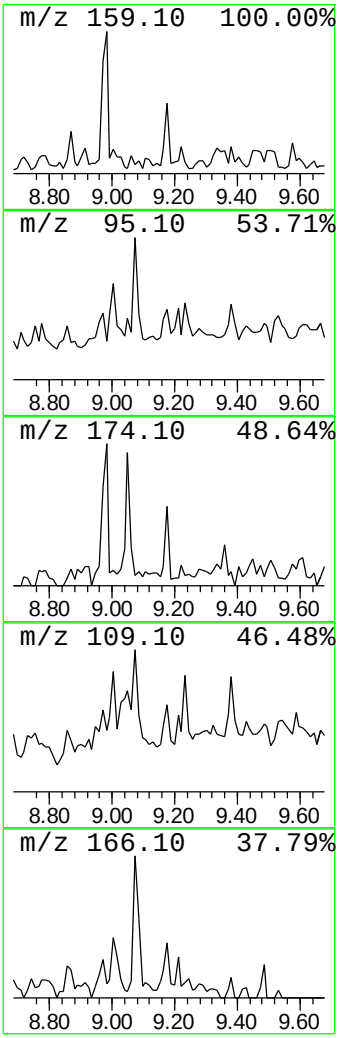
****

Peak Number 11 unknown9.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.40 ng	116380	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	46
2	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	41
3	5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	41
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

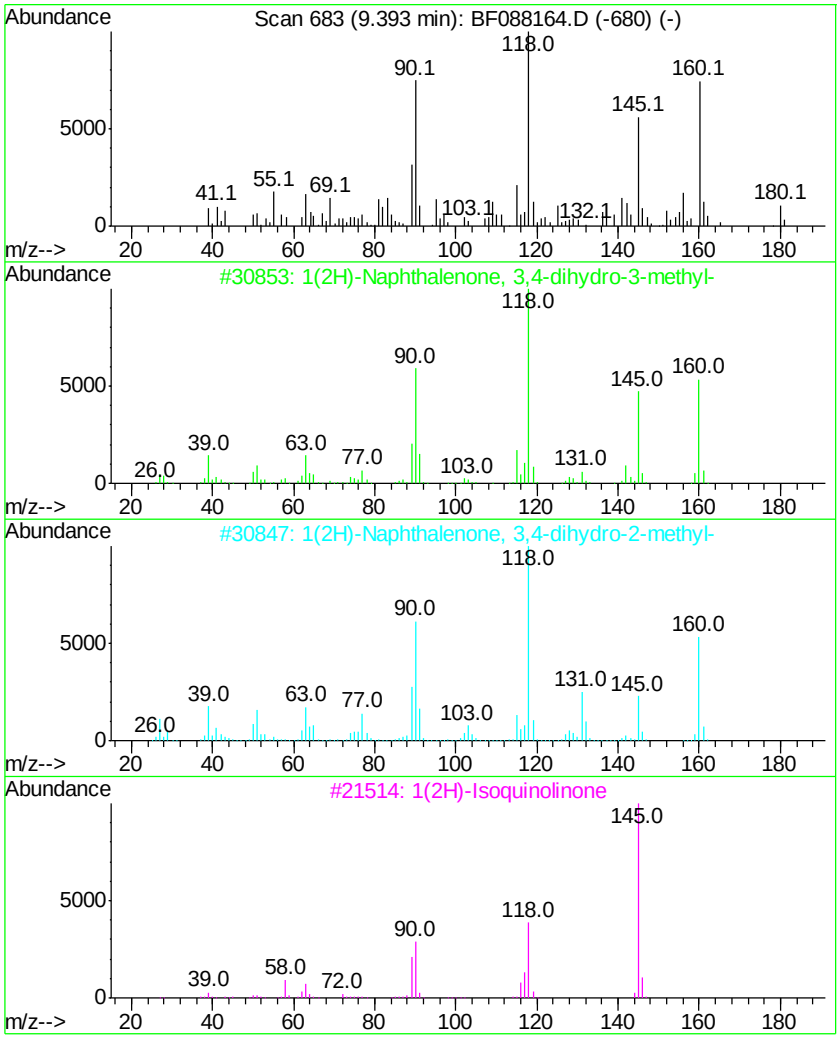
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

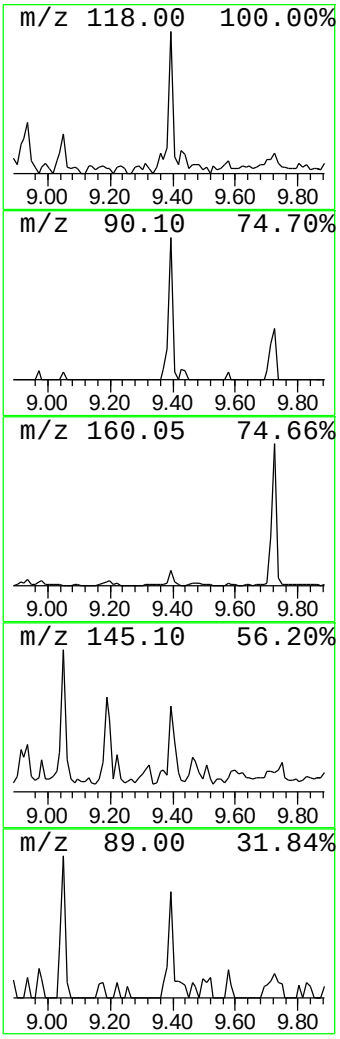
****

Peak Number 12 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	3.00 ng	102512	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	94
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	59
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	58
5	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

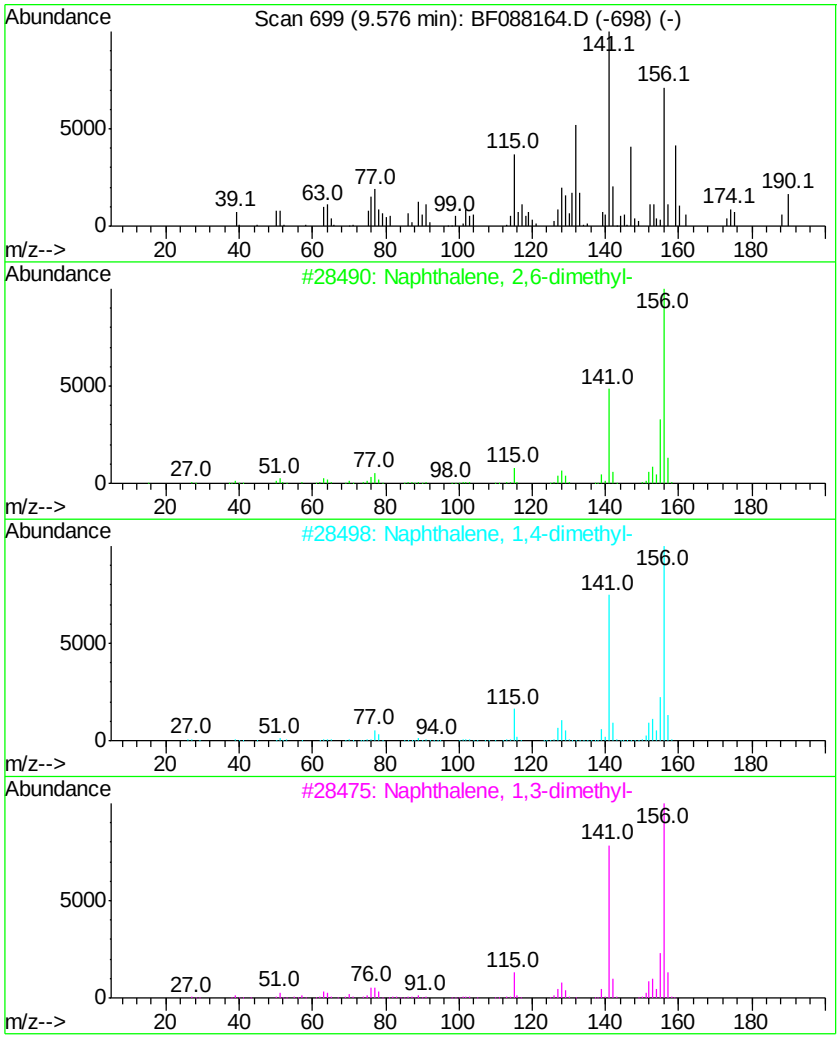
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

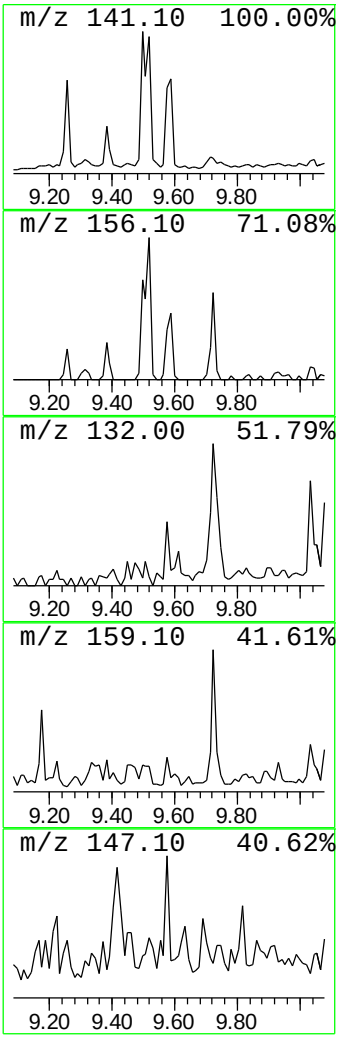
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	3.19 ng	109217	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	50
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	50
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	50
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	50
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

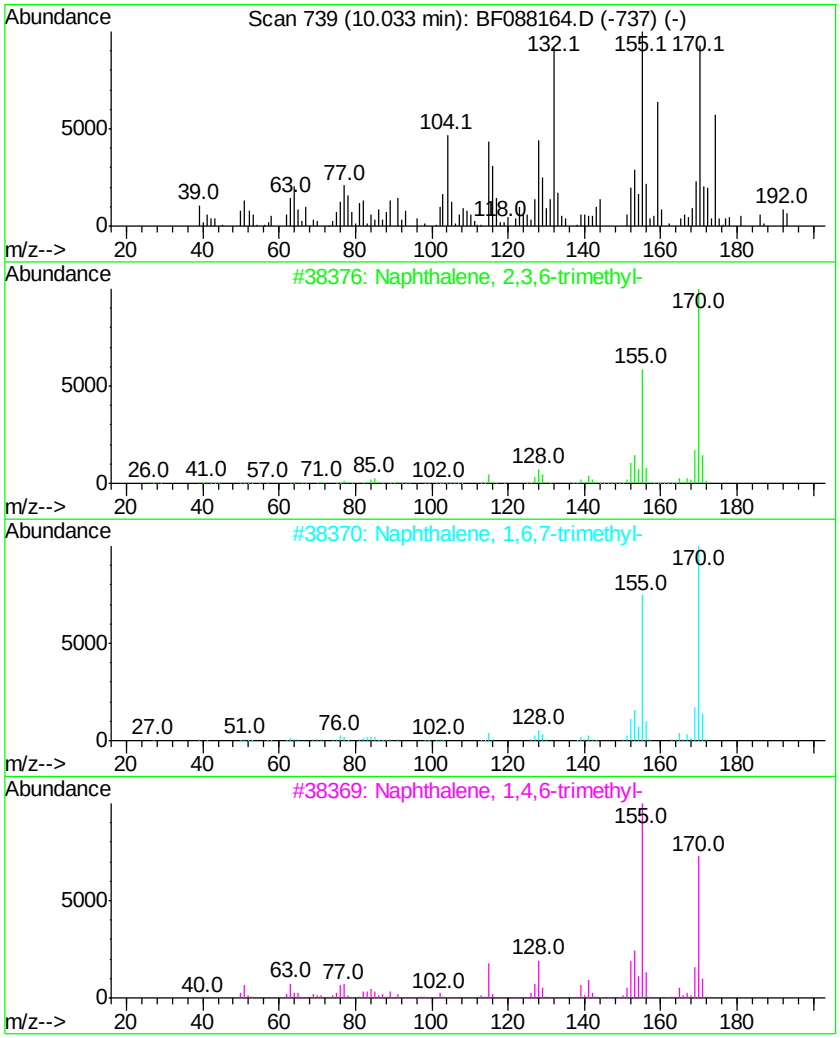
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

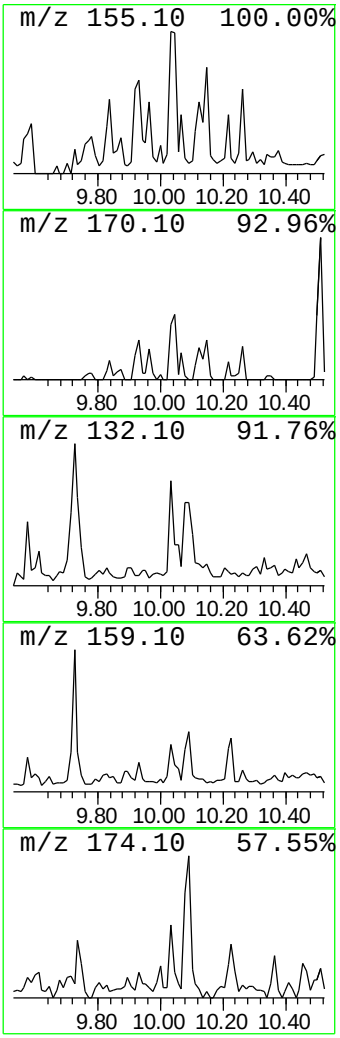
****

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.14 ng	107343	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	52
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
4	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	44
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

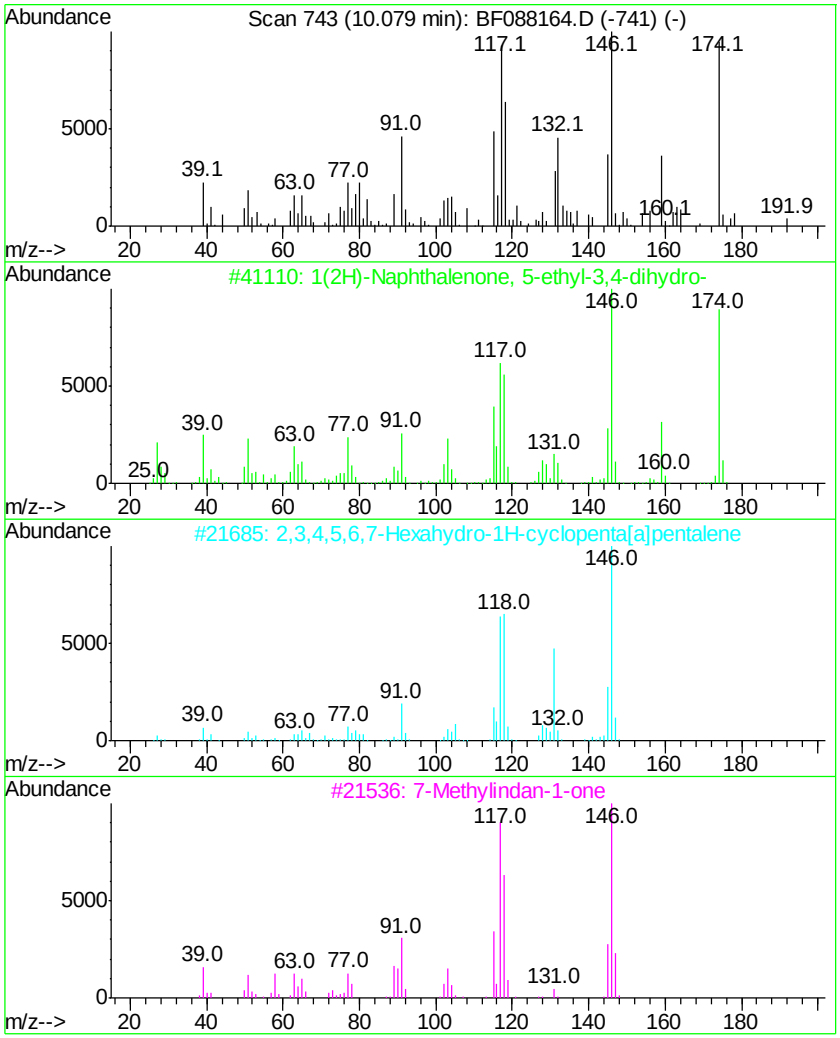
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

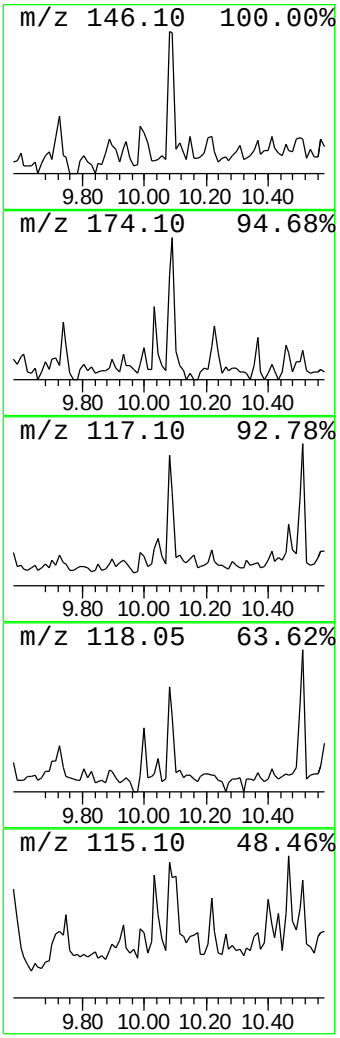
****

Peak Number 15 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	4.77 ng	163108	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	87
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	60
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	53
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	45
5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

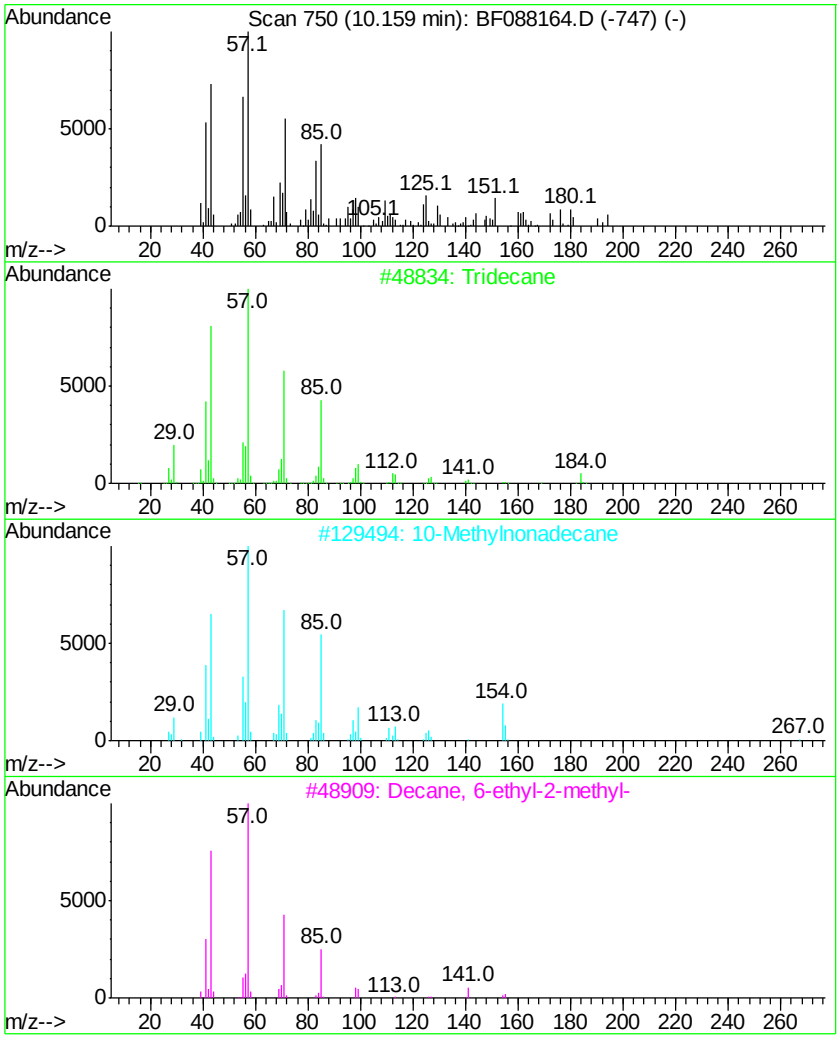
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

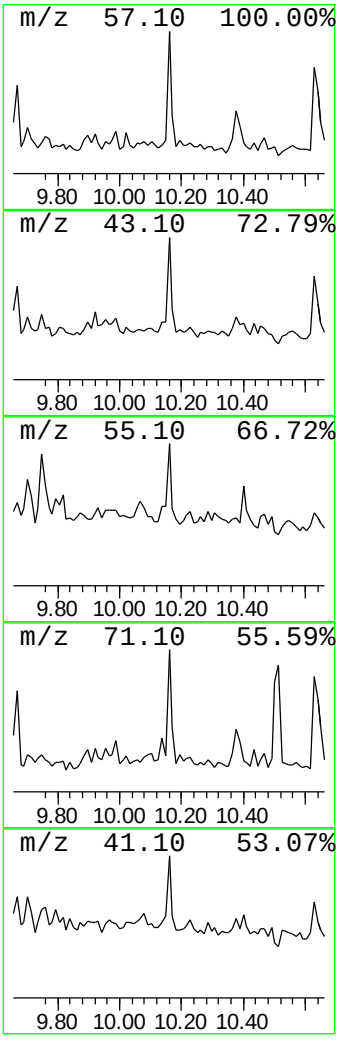
****

Peak Number 16 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.96 ng	135448	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	10-Methylnonadecane	282	C20H42	056862-62-5	49
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
4	9-methylheptadecane	254	C18H38	026741-18-4	47
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

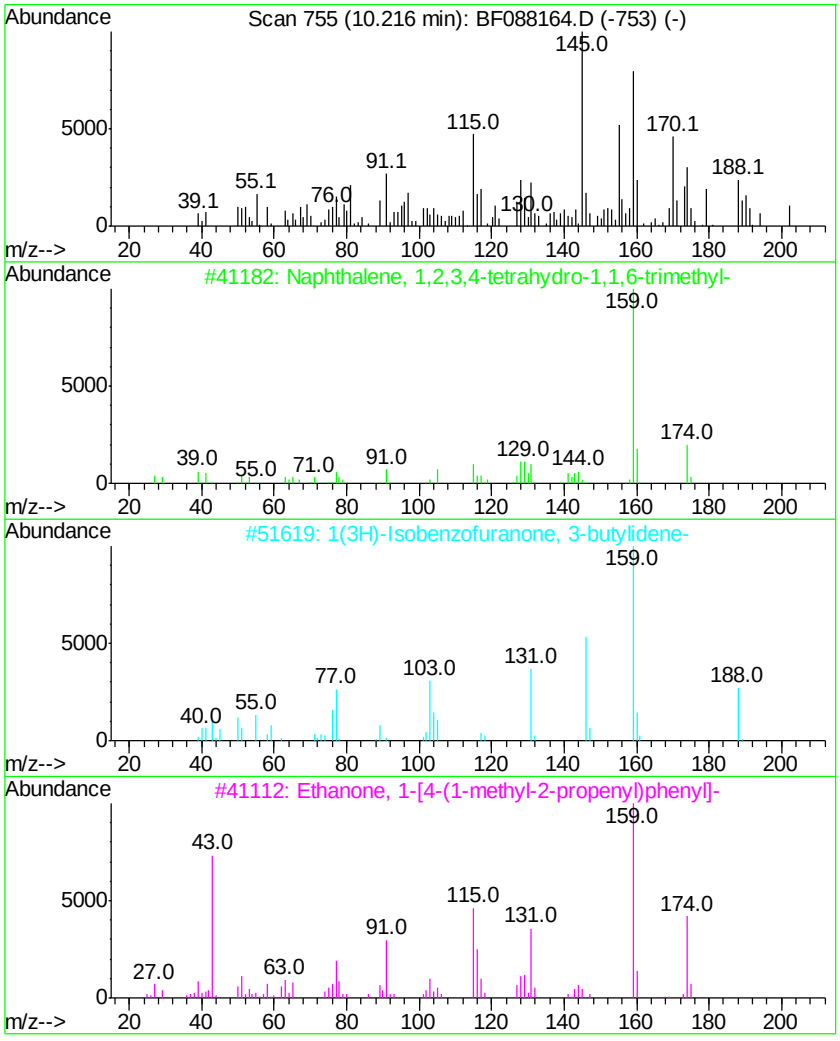
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

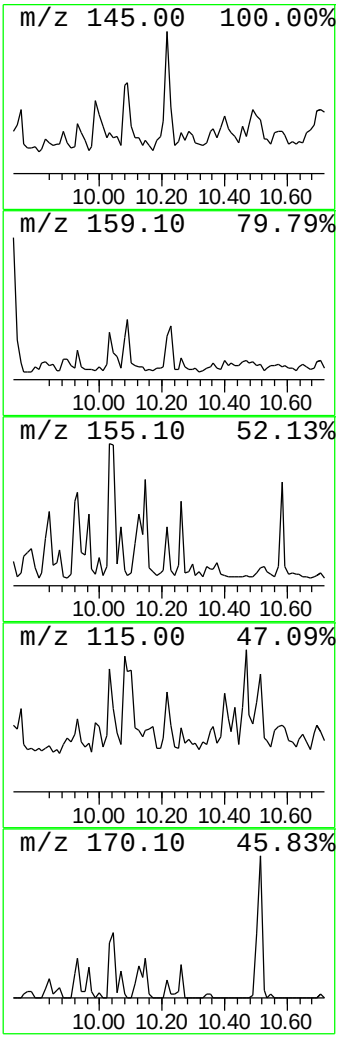
****

Peak Number 17 unknown10.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	2.04 ng	69907	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	48
2	1(3H)-Isobenzofuranone, 3-butyli...	188	C12H12O2	000551-08-6	30
3	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	30
4	2-Naphthalenol, 5-amino-	159	C10H9NO	000086-97-5	30
5	Naphthalene, 6-butyl-1,2,3,4-tet...	188	C14H20	030654-45-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

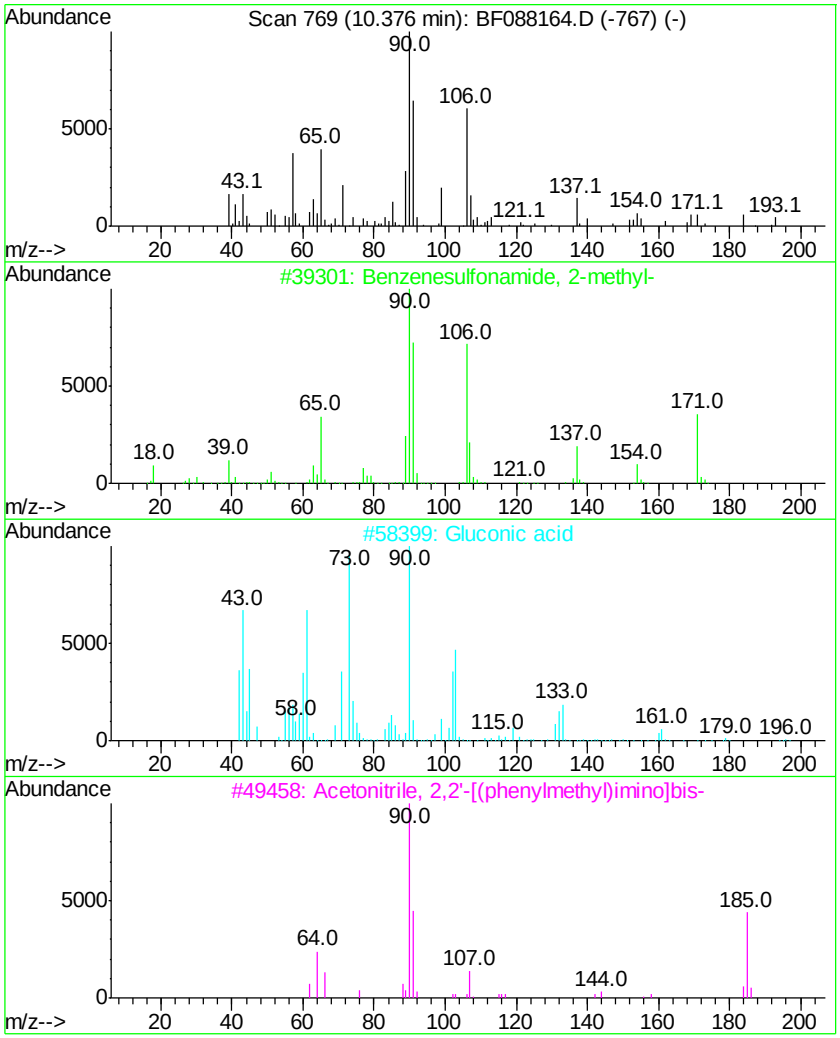
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

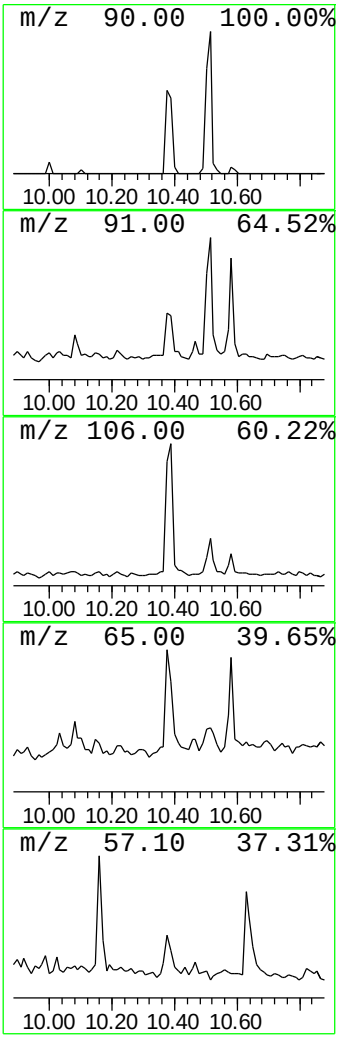
****

Peak Number 18 Benzenesulfonamide, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	4.43 ng	151605	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	93
2	Gluconic acid	196	C6H12O7	000526-95-4	43
3	Acetonitrile, 2,2'-[(phenylmethy...	185	C11H11N3	016728-92-0	25
4	2,4-Octadiyne	106	C8H10	002809-71-4	22
5	Benzene, 1-methyl-4-nitro-	137	C7H7NO2	000099-99-0	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

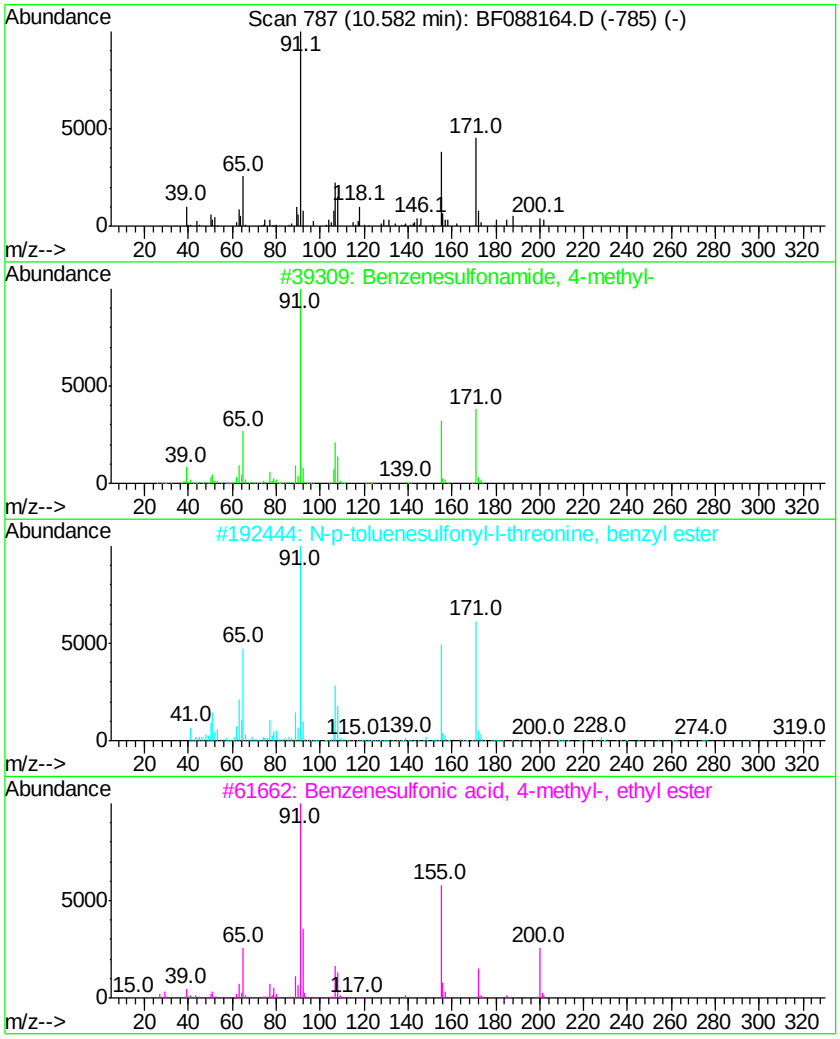
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

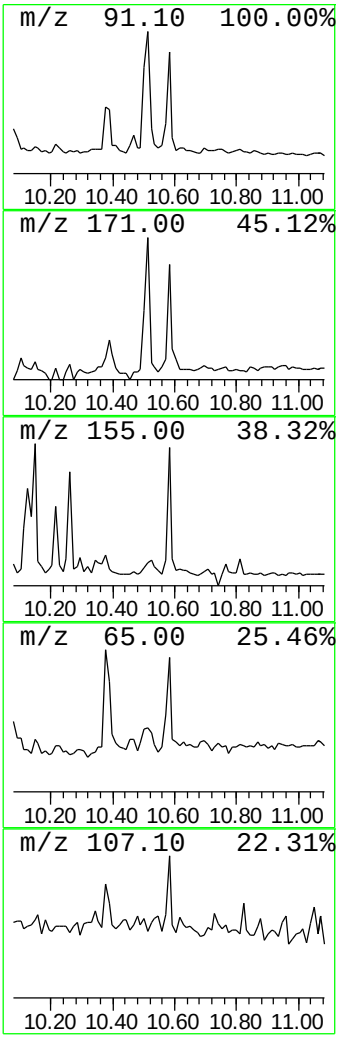
****

Peak Number 19 Benzenesulfonamide, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.29 ng	56829	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	95
2	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	72
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	53
4	Tolbutamide	270	C12H18N2O3S	000064-77-7	37
5	Tricyclo[2.1.1.0(5,6)]hexane-2-c...	275	C14H13NO3S	103495-50-7	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088164.D
Acq On : 19 Jun 2016 6:11
Operator : UM/SJ
Sample : H3628-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	2.3	ng	60663	1	6.68	528776	20.0
Benzene, 1,2-diet...	7.03	2.1	ng	55256	1	6.68	528776	20.0
2,2-Dimethylinden...	7.62	3.4	ng	108544	2	7.98	643001	20.0
Naphthalene, 1,2,...	8.17	2.4	ng	76432	2	7.98	643001	20.0
Benzene, (1,3-dim...	8.42	2.5	ng	81943	2	7.98	643001	20.0
Benzene, pentamet...	8.54	2.2	ng	71972	2	7.98	643001	20.0
Cyclohexanone, 5-...	8.75	3.4	ng	108262	2	7.98	643001	20.0
unknown9.18	9.18	3.4	ng	116380	3	9.72	683956	20.0
1(2H)-Naphthaleno...	9.39	3.0	ng	102512	3	9.72	683956	20.0
Naphthalene, 2,6-...	9.58	3.2	ng	109217	3	9.72	683956	20.0
Naphthalene, 2,3,...	10.03	3.1	ng	107343	3	9.72	683956	20.0
1(2H)-Naphthaleno...	10.08	4.8	ng	163108	3	9.72	683956	20.0
Tridecane	10.16	4.0	ng	135448	3	9.72	683956	20.0
unknown10.22	10.22	2.0	ng	69907	3	9.72	683956	20.0
Benzenesulfonamid...	10.38	4.4	ng	151605	3	9.72	683956	20.0
Benzenesulfonamid...	10.58	2.3	ng	56829	4	11.20	495818	20.0