LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

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-BF110316.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	1.755	4	6	43	rVB2	3648896	12067503	49.51%	4.932%
2	3.950	195	198	203	rBV	218117	369115	1.51%	0.151%
3	4.784	268	271	275	rBV2	286202	470685	1.93%	0.192%
4	4.910	280	282	288	rVB	406708	443236	1.82%	0.181%
5	5.184	304	306	314	rVB	1104551	1559692	6.40%	0.637%
6	5.481	328	332	334	rBV3	935962	1563929	6.42%	0.639%
7	5.836	361	363	366	rBV	4840506	7243145	29.72%	2.960%
8	6.064	382	383	389	rBV	826001	2158611	8.86%	0.882%
9	6.179	389	393	398	rBV	2881882	8940609	36.68%	3.654%
10	6.259	398	400	404	rBV2	210391	437571	1.80%	0.179%
11	6.339	404	407	414	rBV	5655983	24371625	100.00%	9.960%
12	6.476	417	419	420	rBV2	2938257	4130276	16.95%	1.688%
13	6.499	420	421	427	rVB2	5000753	5011408	20.56%	2.048%
14	6.659	433	435	437	rBV	1094549	1016933	4.17%	0.416%
15	6.693	437	438	439	rBV	599804	513139	2.11%	0.210%
16	6.716	439	440	446	rVB	2789956	3195502	13.11%	1.306%
17	6.819	446	449	452	rBV2	3916483	5526089	22.67%	2.258%
18	6.910	455	457	458	rBV	611308	579905	2.38%	0.237%
19	6.944	458	460	462	rVB	647772	748251	3.07%	0.306%
20	6.990	462	464	466	rBV	1236680	2101734	8.62%	0.859%
21	7.036	466	468	472	rVB2	3698773	5161994	21.18%	2.110%
22	7.127	472	476	477	rBV2	997719	1346555	5.53%	0.550%
23	7.150	477	478	480	rVB2	773465	982012	4.03%	0.401%
24	7.230	483	485	489	rVB	3648952	4186585	17.18%	1.711%
25	7.310	490	492	494	rVB2	449818	521781	2.14%	0.213%
26	7.344	494	495	497	rVB2	1056402	1050157	4.31%	0.429%
27	7.459	500	505	510	rBV3	1545242	3557572	14.60%	1.454%
28	7.573	511	515	517	rBV2	1791262	3631593	14.90%	1.484%
29	7.630	517	520	523	rBV2	3892199	5969659	24.49%	2.440%
30	7.687	523	525	527	rVB	4000278	4320881	17.73%	1.766%
31	7.790	530	534	535	rBV3	2313605	3478346	14.27%	1.422%
32	7.836	535	538	540	rVB3	377424	918589	3.77%	0.375%
33	7.939	543	547	548	rBV2	1839603	2890607	11.86%	1.181%
34	7.996	551	552	553	rVB	1096401	752131	3.09%	0.307%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.053	553	557	560	rVB5	869610	2410390	9.89%	0.985%
36	8.145	560	565	566	rBV4	1019968	1841174	7.55%	0.752%
37	8.179	566	568	570	rBV3	1688514	2826867	11.60%	1.155%
38	8.225	570	572	577	rVB3	2075363	3436756	14.10%	1.405%
39	8.339	580	582	583	rBV	549840	853322	3.50%	0.349%
40	8.373	583	585	587	rVB3	315903	341665	1.40%	0.140%
41	8.419	587	589	590	rBV	1554062	1436435	5.89%	0.587%
42	8.453	590	592	594	rVB	1969723	2324987	9.54%	0.950%
43	8.499	594	596	597	rBV2	221383	368095	1.51%	0.150%
44	8.556	597	601	604	rBV2	4392578	7415175	30.43%	3.031%
45	8.613	604	606	608	rVB3	1304774	1703133	6.99%	0.696%
46	8.670	608	611	612	rBV	4597058	6575092	26.98%	2.687%
47	8.693	612	613	616	rVB3	1754808	2255092	9.25%	0.922%
48	8.762	616	619	622	rBV2	5261896	9017430	37.00%	3.685%
49	8.819	622	624	626	rVB	405349	399971	1.64%	0.163%
50	8.899	628	631	632	rBV2	985062	1450973	5.95%	0.593%
51	8.956	632	636	639	rVB3	1166411	2113165	8.67%	0.864%
52	9.025	639	642	644	rVB	4149479	4992088	20.48%	2.040%
53	9.059	644	645	648	rBV3	467546	894381	3.67%	0.366%
54	9.127	648	651	652	rVB	2649143	3752222	15.40%	1.533%
55	9.196	656	657	661	rVB2	2398493	3562255	14.62%	1.456%
56	9.287	662	665	667	rBV2	2834859	5303381	21.76%	2.167%
57	9.368	669	672	673	rBV	3555034	6541295	26.84%	2.673%
58	9.482	678	682	685	rVB3	2077288	5668210	23.26%	2.317%
59	9.562	687	689	692	rBV3	785125	1002397	4.11%	0.410%
60	9.699	698	701	702	rBV2	1875170	2618703	10.74%	1.070%
61	9.790	706	709	712	rBV3	801464	1587138	6.51%	0.649%
62	9.905	712	719	726	rVB6	1607535	8112900	33.29%	3.316%
63	10.008	726	728	732	rBV4	560873	1336858	5.49%	0.546%
64	10.088	732	735	737	rBV3	720477	1388878	5.70%	0.568%
65	10.202	742	745	746	rVB3	404738	575555	2.36%	0.235%
66	10.236	746	748	752	rBV3	1422090	2536654	10.41%	1.037%
67	10.305	752	754	755	rBV	667267	607526	2.49%	0.248%
68	10.396	761	762	765	rVB	625335	688117	2.82%	0.281%
69	10.488	768	770	772	rVB3	2229314	3244567	13.31%	1.326%
70	10.579	776	778	779	rBV	236467	284671	1.17%	0.116%
71	10.613	779	781	783	rVB2	591048	621398	2.55%	0.254%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.716	787	790	793	rVV3	433805	1174502	4.82%	0.480%
73	10.796	794	797	805	rVV2	871974	3209103	13.17%	1.312%
74	10.922	806	808	815	rVB6	402030	1070964	4.39%	0.438%
75	11.173	828	830	834	rBV2	1981718	2629923	10.79%	1.075%
76	11.242	834	836	837	rVV	784925	720191	2.96%	0.294%
77	11.299	838	841	843	rVB2	2245061	3269517	13.42%	1.336%
78	11.711	875	877	878	rVV2	345305	411055	1.69%	0.168%
79	11.745	878	880	882	rVV2	514246	639367	2.62%	0.261%
80	11.779	882	883	887	rVB3	321383	548146	2.25%	0.224%
81	11.939	895	897	899	rBV2	244934	371193	1.52%	0.152%
82	12.008	900	903	909	rVB3	303321	722955	2.97%	0.295%
83	12.225	920	922	925	rVB	222082	295262	1.21%	0.121%
84	12.762	966	969	971	rVV	4181064	4314419	17.70%	1.763%
85	13.802	1058	1060	1062	rBV	1172986	1089090	4.47%	0.445%
86	15.174	1177	1180	1183	rBV	798085	911555	3.74%	0.373%

Sum of corrected areas: 244683578

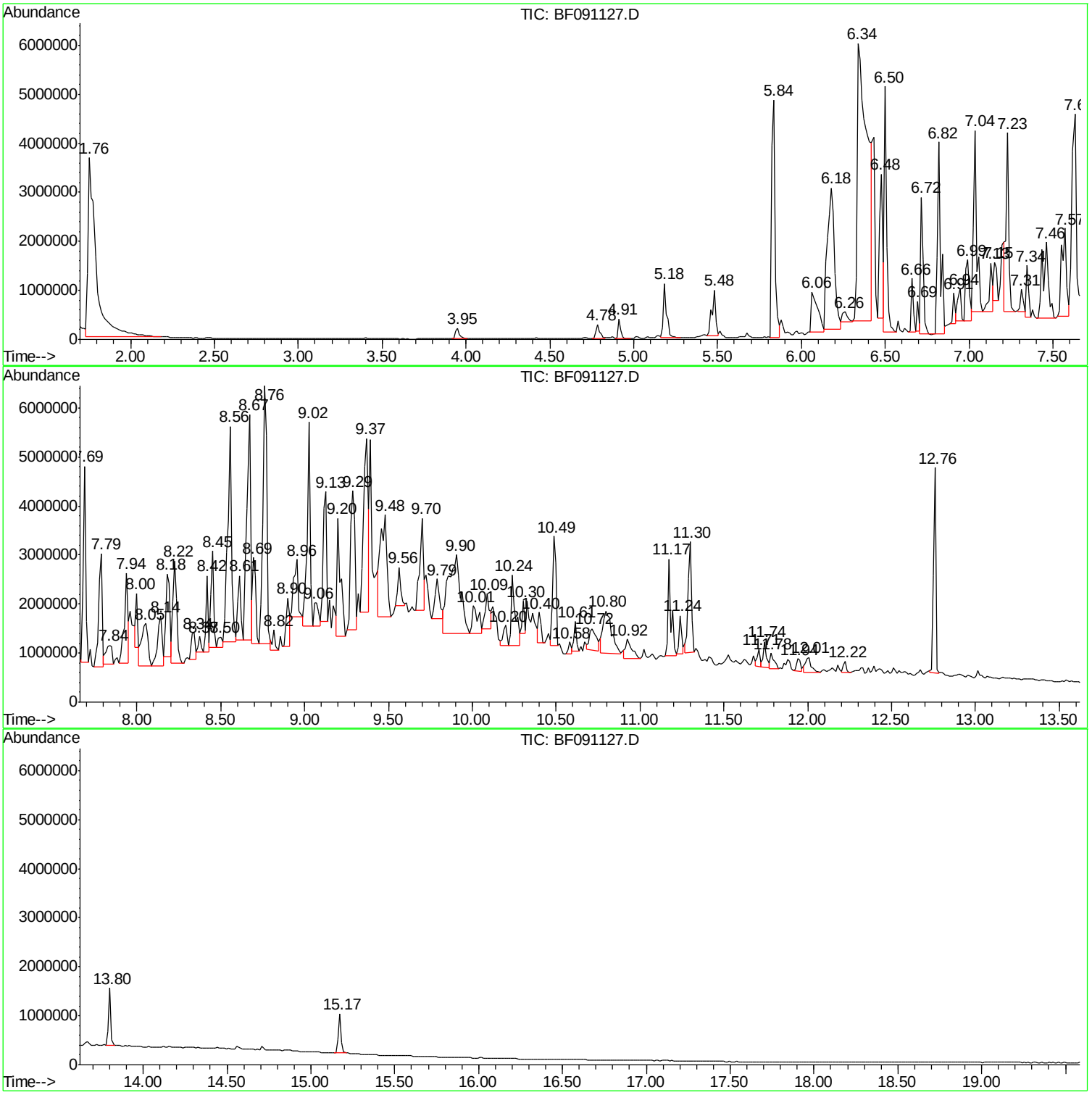
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

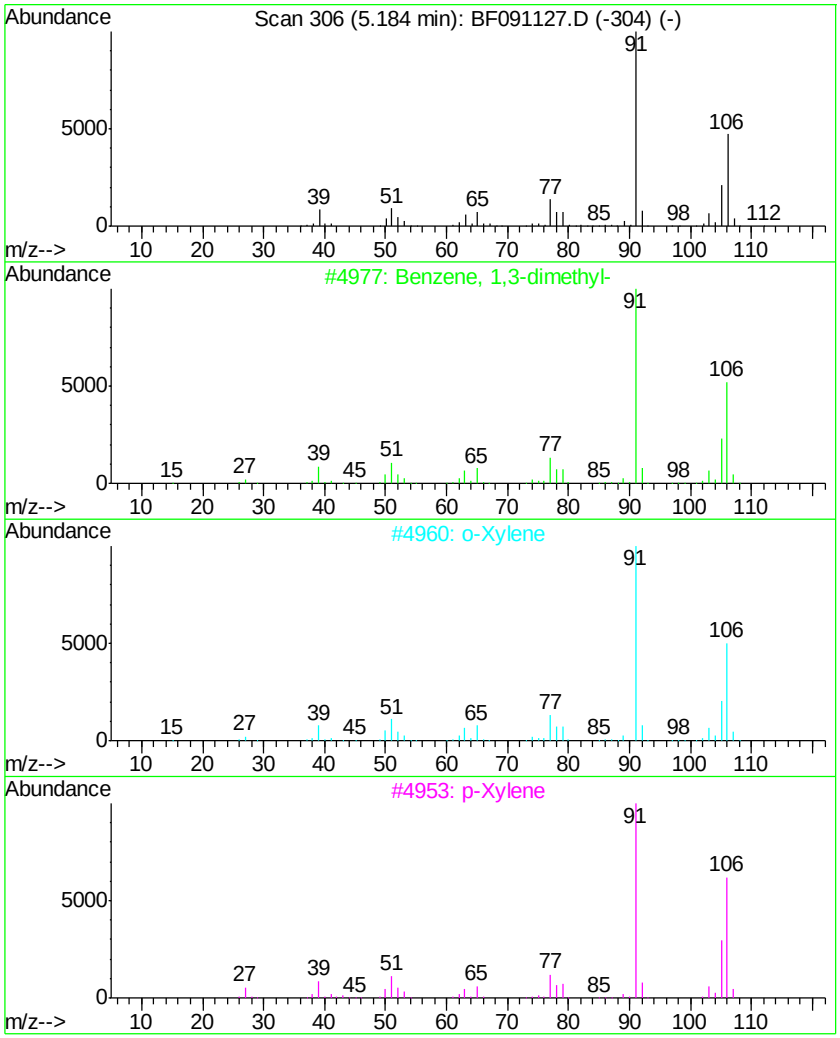
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

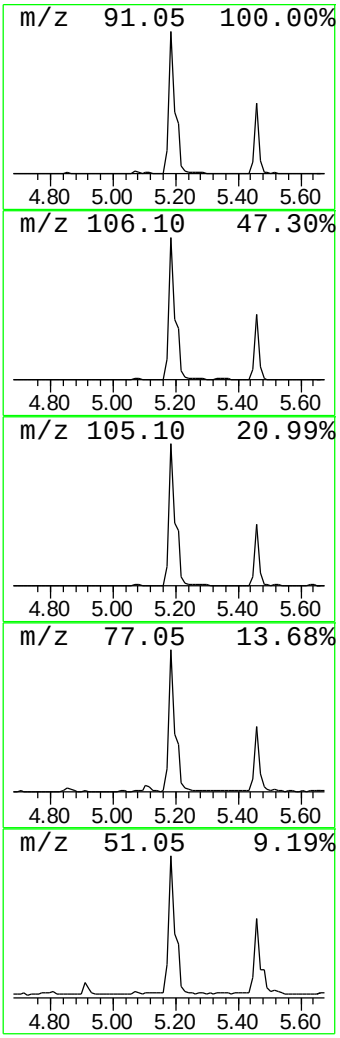
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	30.67 ng	1559690	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

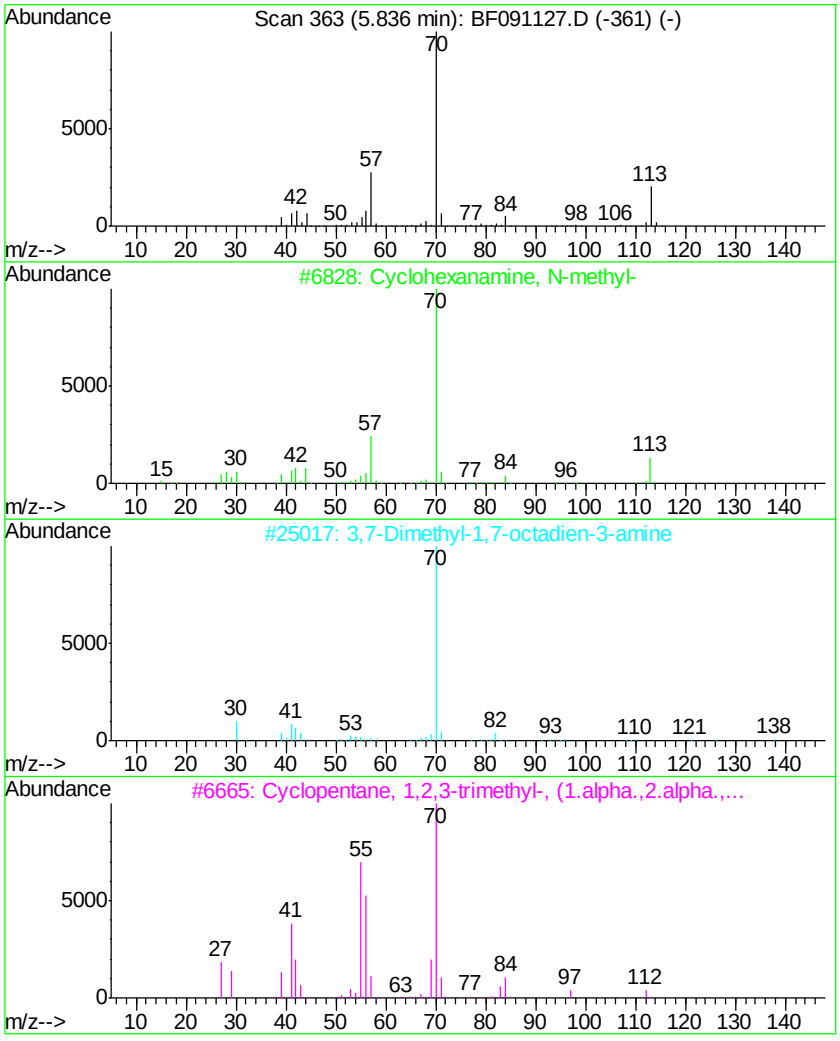
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

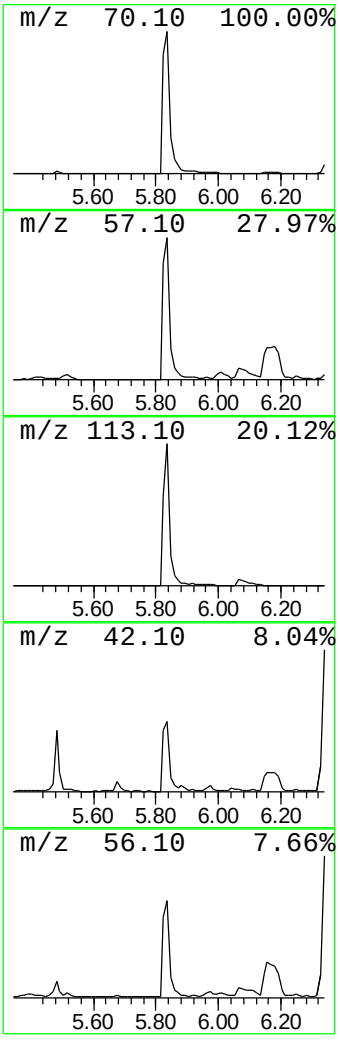
****

Peak Number 4 Cyclohexanamine, N-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	142.45 ng	7243150	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-methyl-	113	C7H15N	000100-60-7	91
2	3,7-Dimethyl-1,7-octadien-3-amine	153	C10H19N	077984-56-6	33
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	9
4	Azocine, octahydro-	113	C7H15N	001121-92-2	9
5	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

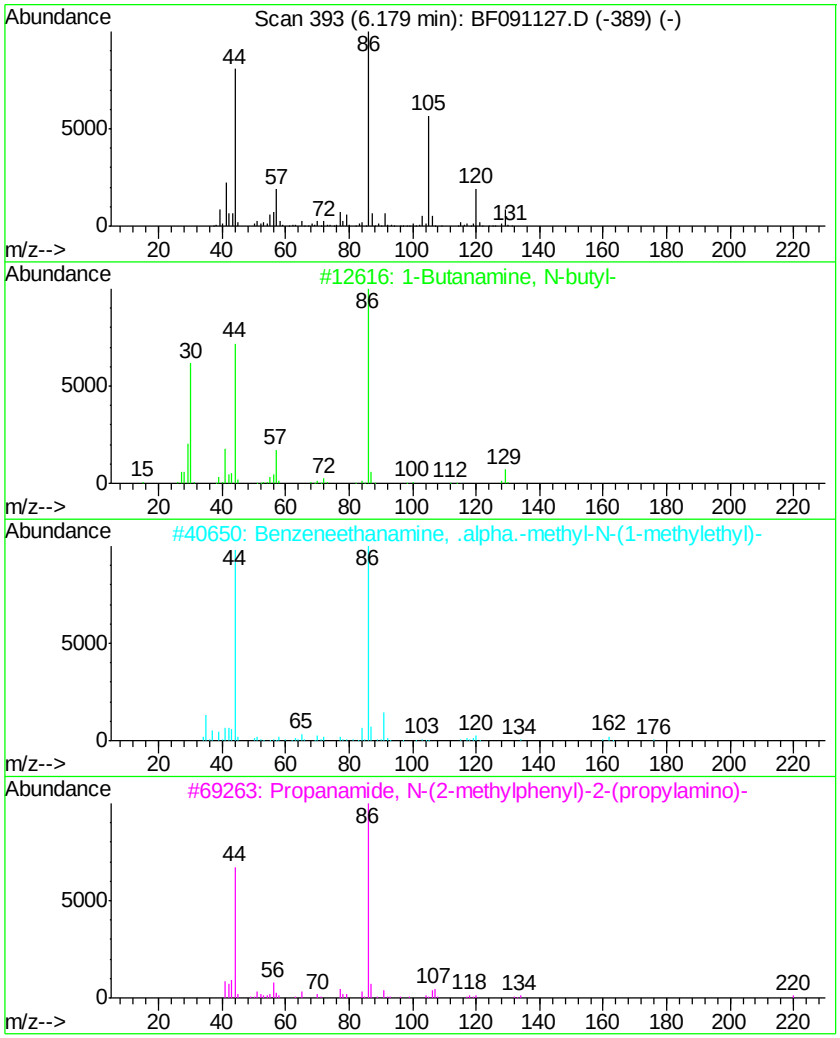
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

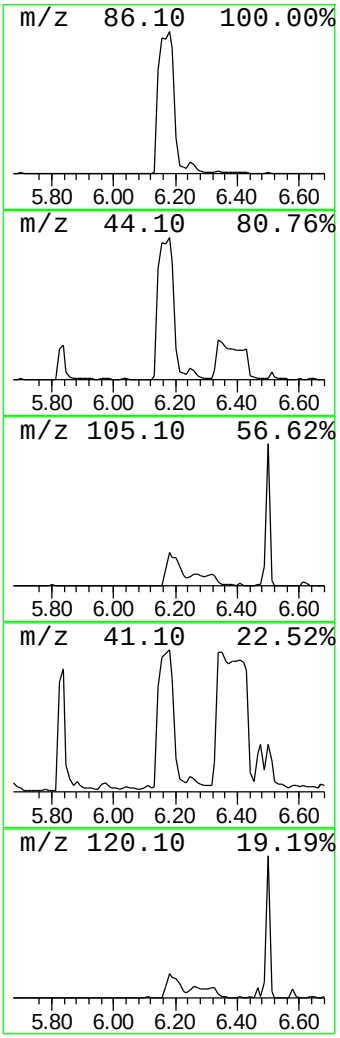
****

Peak Number 6 1-Butanamine, N-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	175.84 ng	8940610	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, N-butyl-	129	C8H19N	000111-92-2	81
2	Benzeneethanamine, .alpha.-methy...	177	C12H19N	033236-69-0	59
3	Propanamide, N-(2-methylphenyl)-...	220	C13H20N2O	000721-50-6	59
4	n-Butylethylenediamine	116	C6H16N2	019522-69-1	45
5	N-sec-Butyl-n-propylamine	115	C7H17N	039190-67-5	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

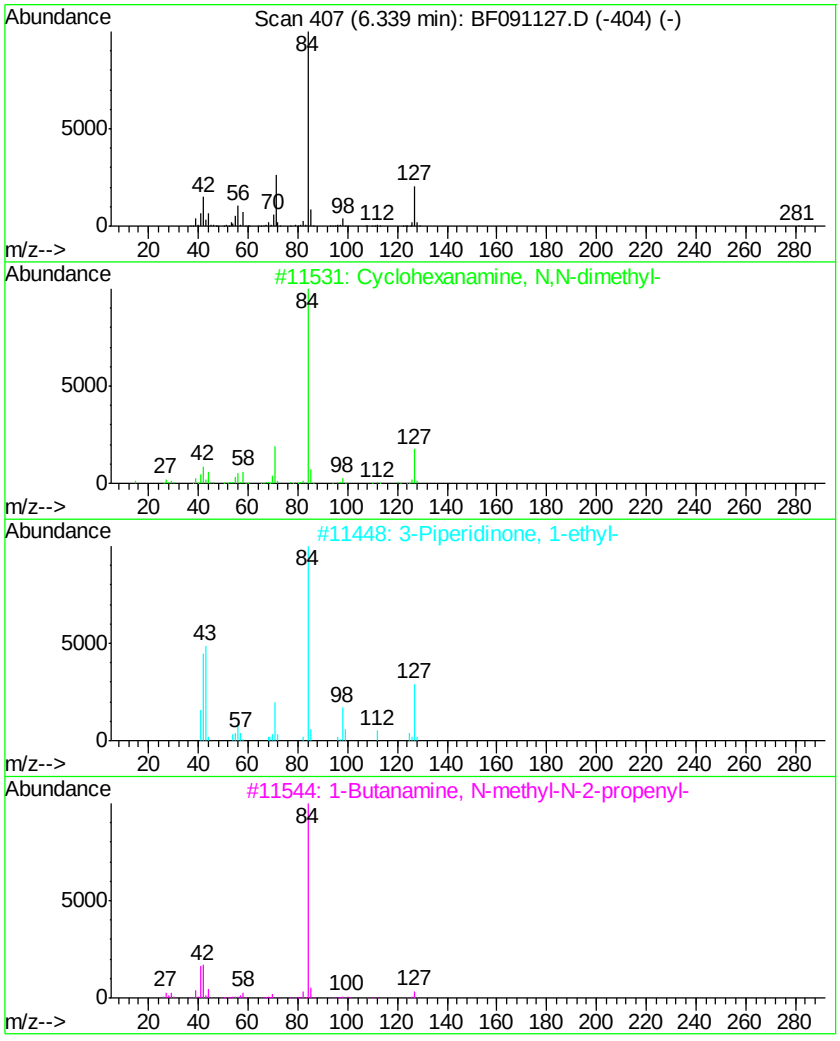
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

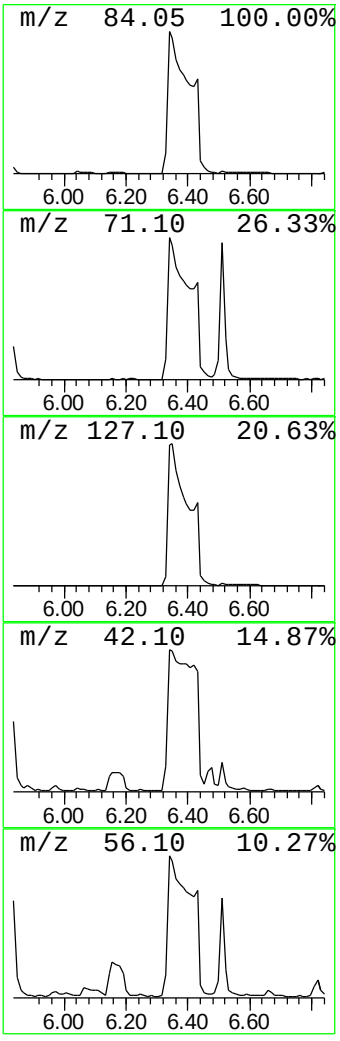
****

Peak Number 7 Cyclohexanamine, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	479.32 ng	24371600	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	95
2	3-Piperidinone, 1-ethyl-	127	C7H13NO	043152-93-8	72
3	1-Butanamine, N-methyl-N-2-prope...	127	C8H17N	024209-62-9	59
4	1-Butylpyrrolidine	127	C8H17N	000767-10-2	59
5	3-Piperidinone, 1,6-dimethyl-	127	C7H13NO	043152-92-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

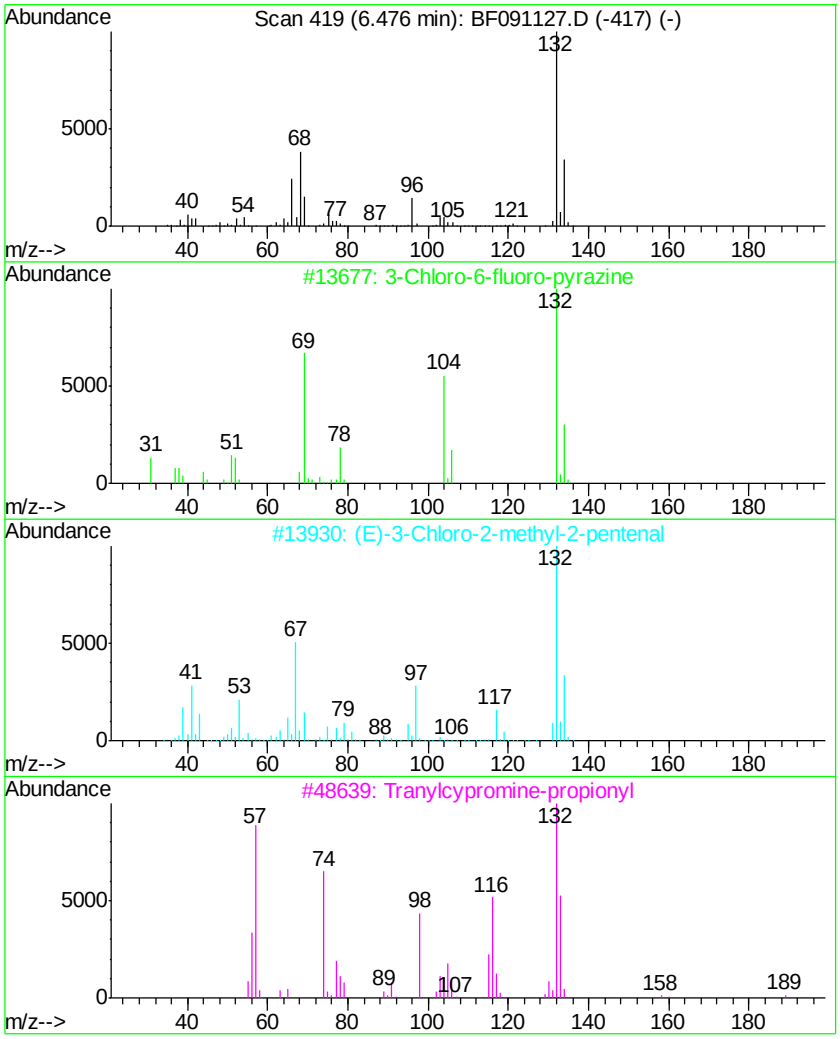
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

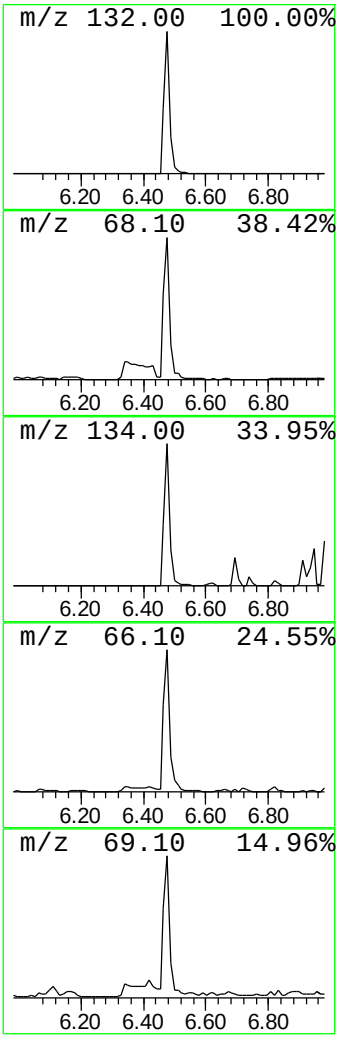
****

Peak Number 8 unknown6.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	81.23 ng	4130280	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

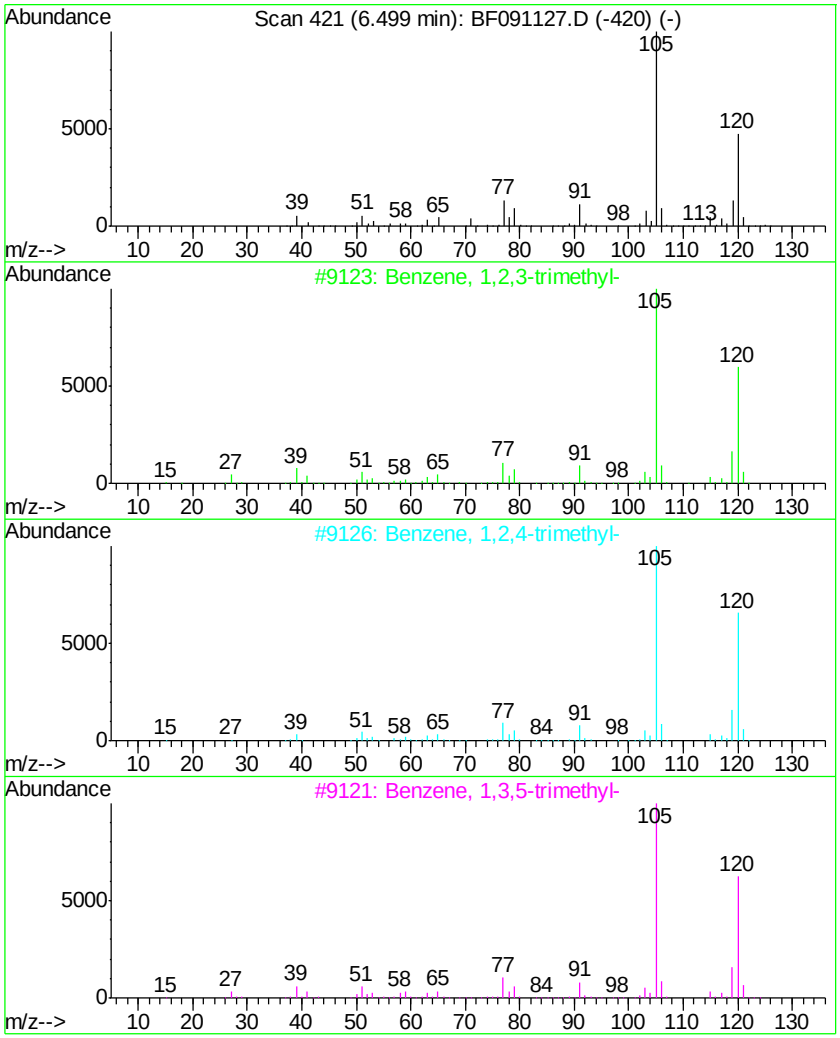
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

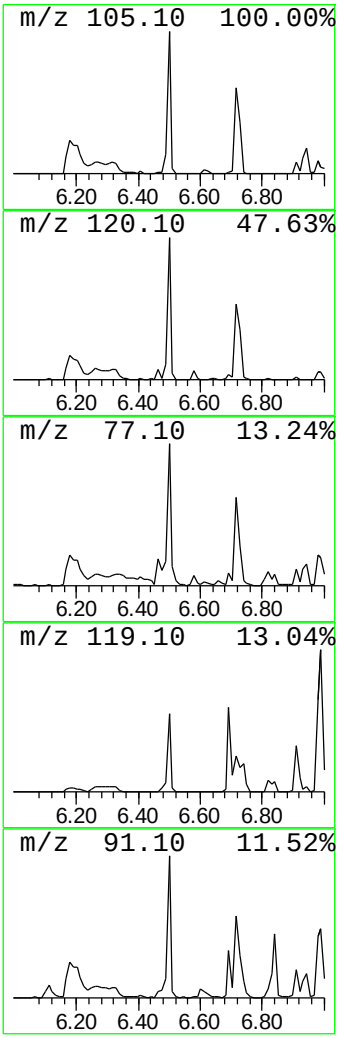
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	98.56 ng	5011410	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

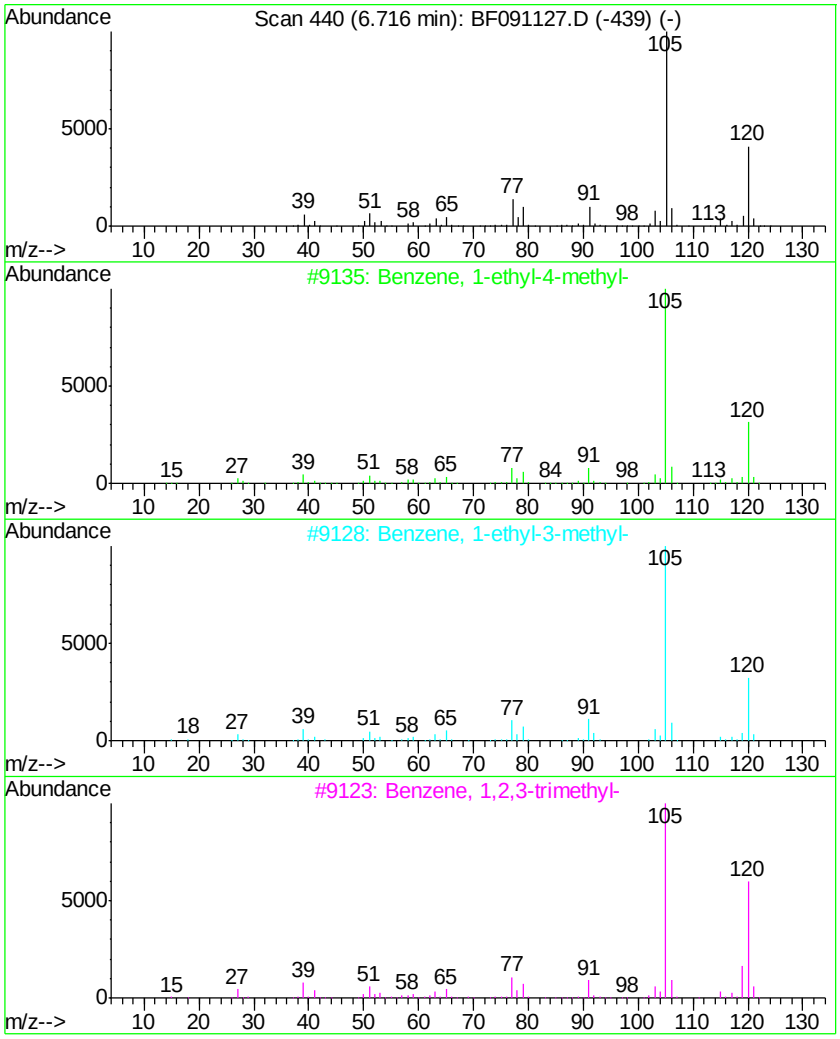
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

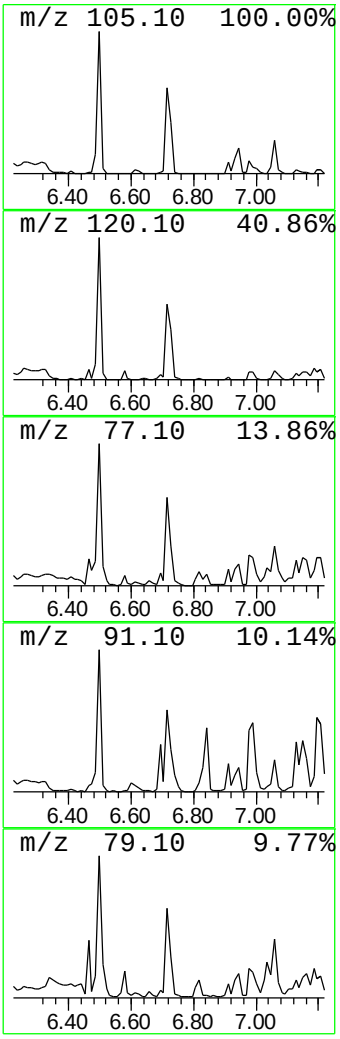
****

Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	62.85 ng	3195500	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

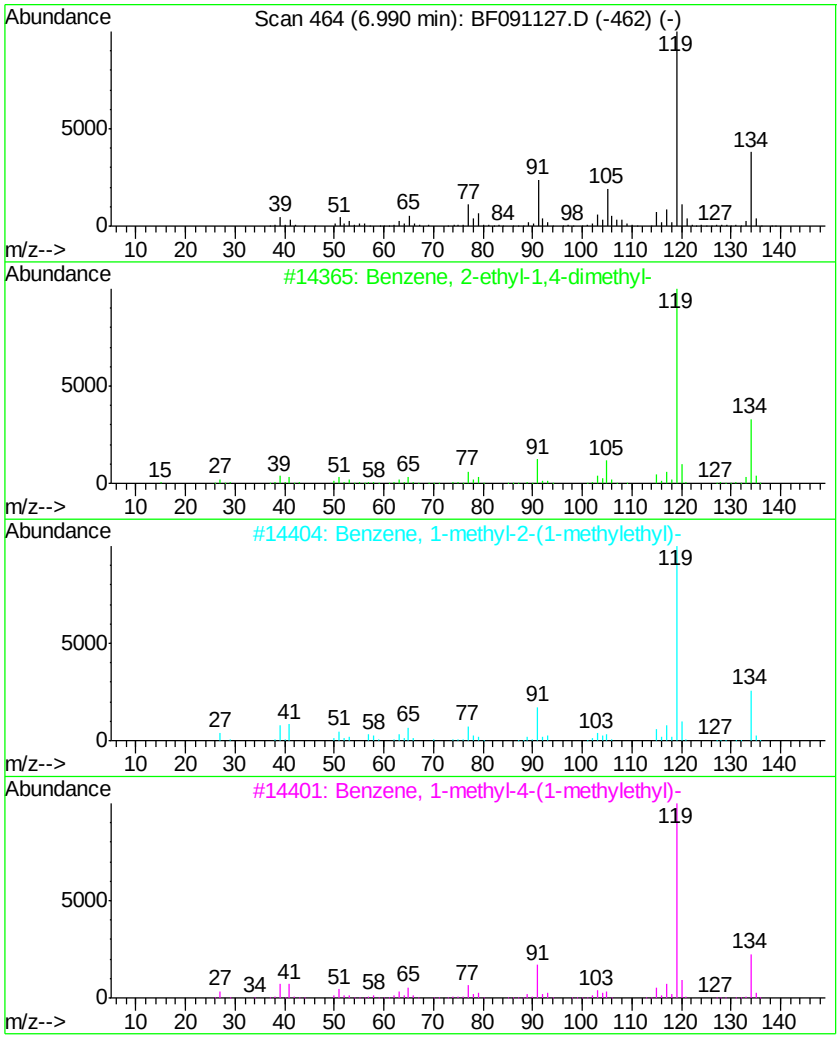
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

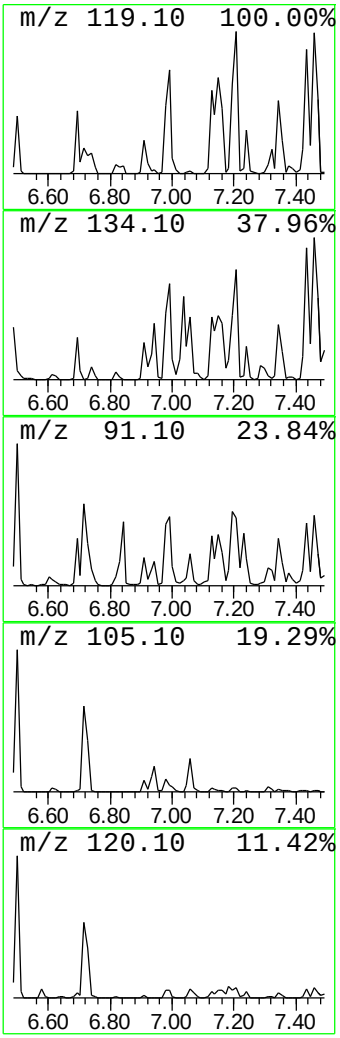
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	41.33 ng	2101730	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

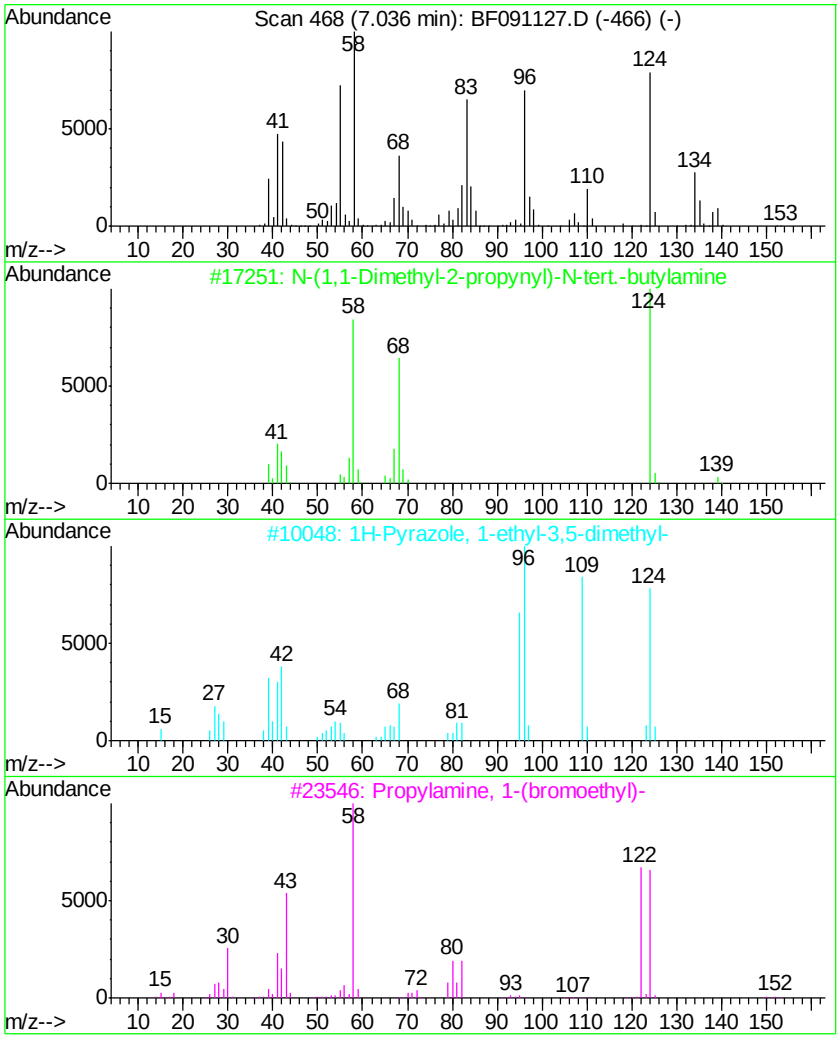
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

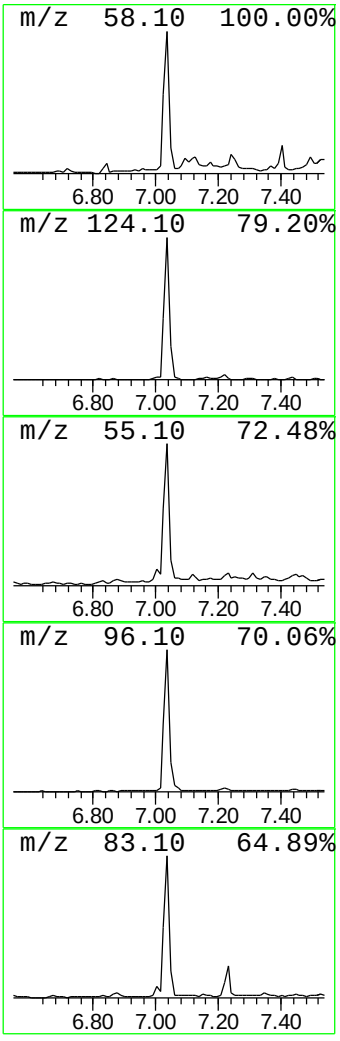
****

Peak Number 13 N-(1,1-Dimethyl-2-propynyl)... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	101.52 ng	5161990	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(1,1-Dimethyl-2-propynyl)-N-te...	139	C9H17N	001118-17-8	55
2	1H-Pyrazole, 1-ethyl-3,5-dimethyl-	124	C7H12N2	017629-26-4	27
3	Propylamine, 1-(bromoethyl)-	151	C4H10BrN	1000243-87-4	25
4	2-Methyl-6-(1-propenyl)piperidin...	139	C9H17N	000501-02-0	16
5	2-Cyclohexen-1-one, 3,4-dimethyl-	124	C8H12O	1000197-00-4	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

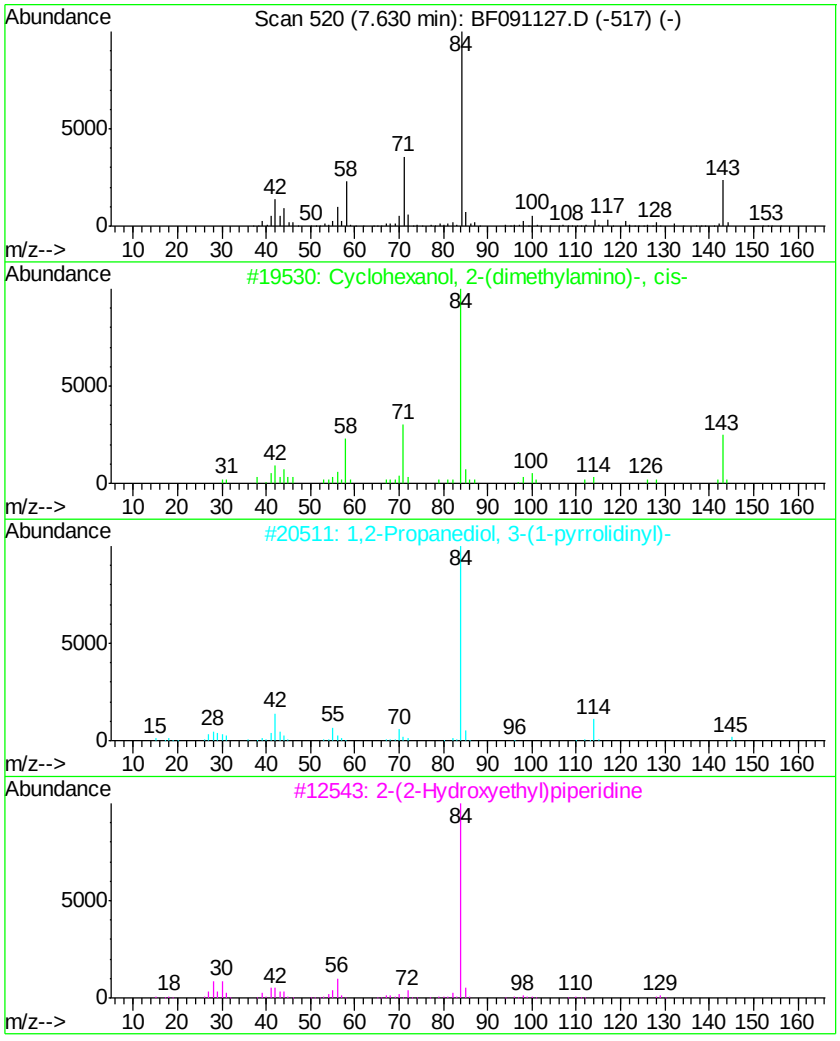
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

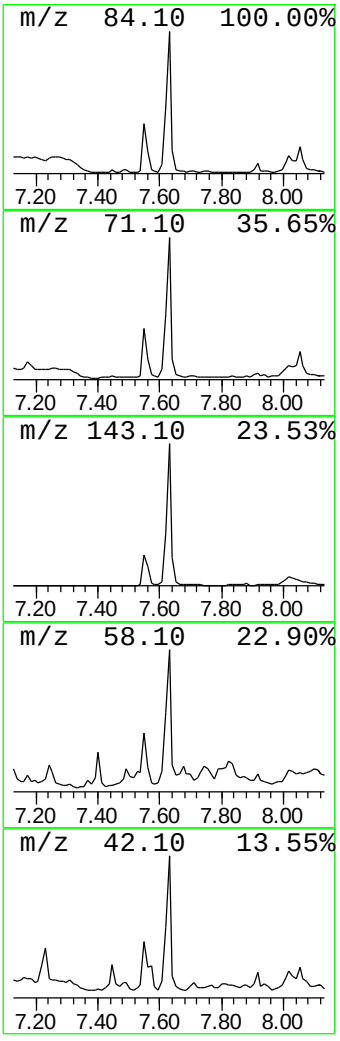
****

Peak Number 14 unknown7.63 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	41.30 ng	5969660	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-(dimethylamino)-...	143	C8H17NO	020431-82-7	46
2	1,2-Propanediol, 3-(1-pyrrolidin...	145	C7H15NO2	085391-19-1	43
3	2-(2-Hydroxyethyl)piperidine	129	C7H15NO	001484-84-0	43
4	4-Methyleneproline	127	C6H9NO2	1000131-14-7	43
5	1-Pyrrolidineethanamine	114	C6H14N2	007154-73-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

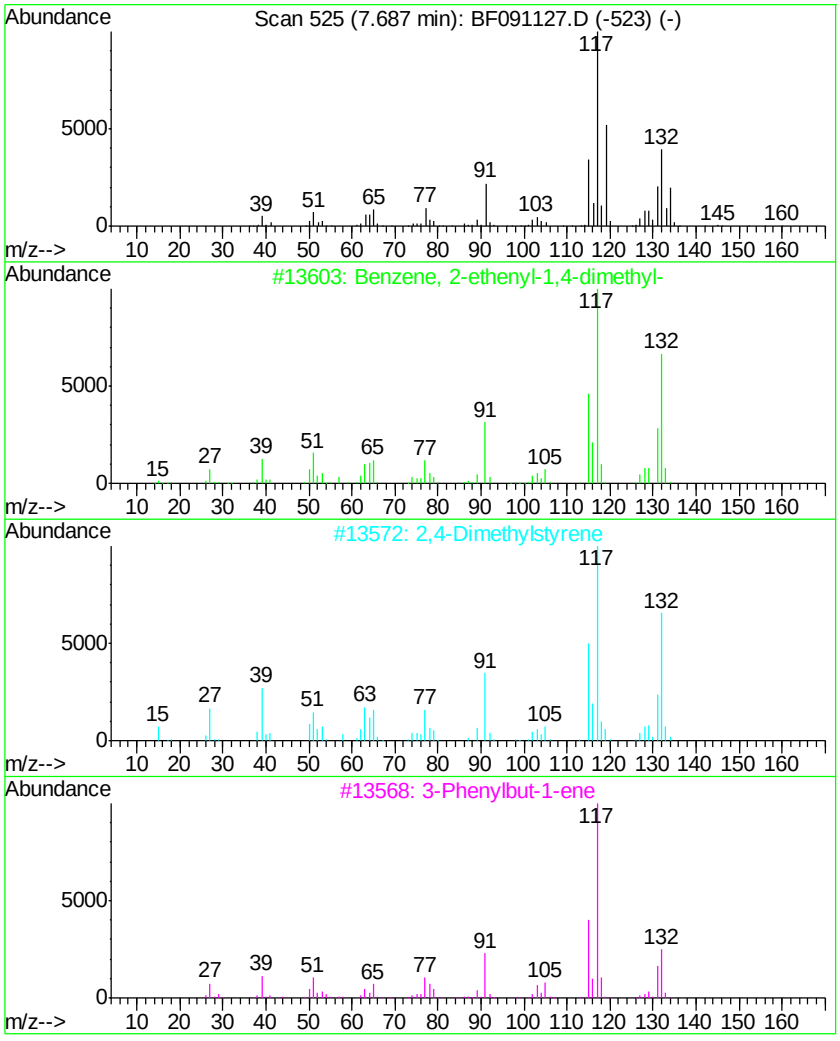
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

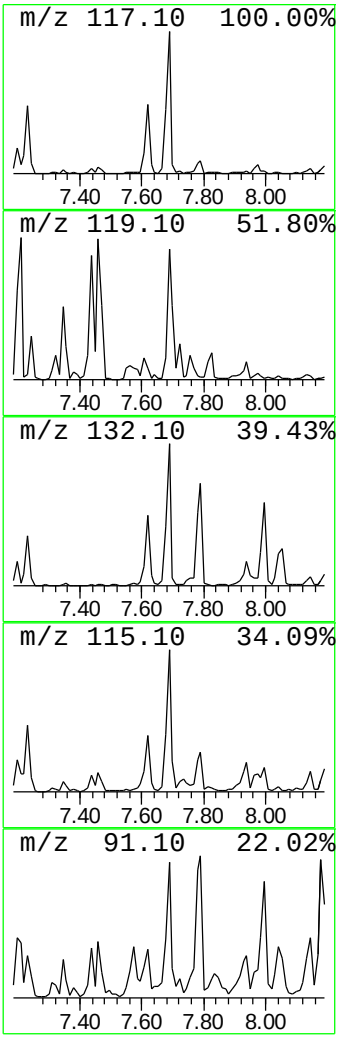
****

Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	29.90 ng	4320880	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

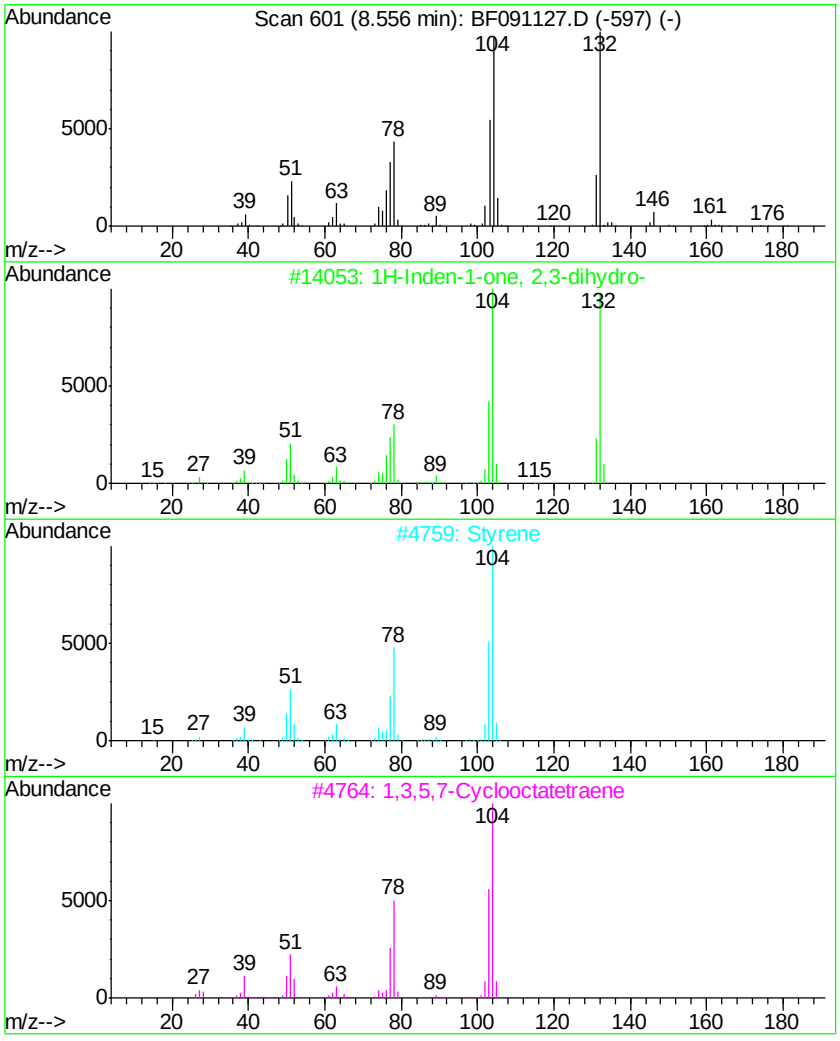
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

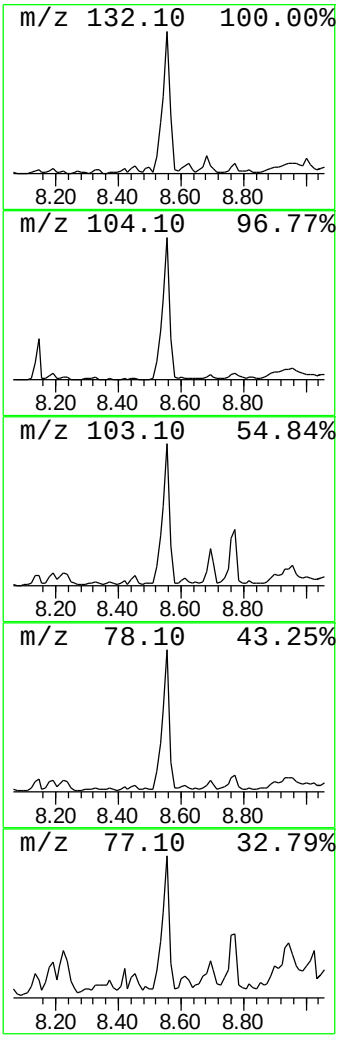
****

Peak Number 16 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	51.31 ng	7415180	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Styrene	104	C8H8	000100-42-5	91
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

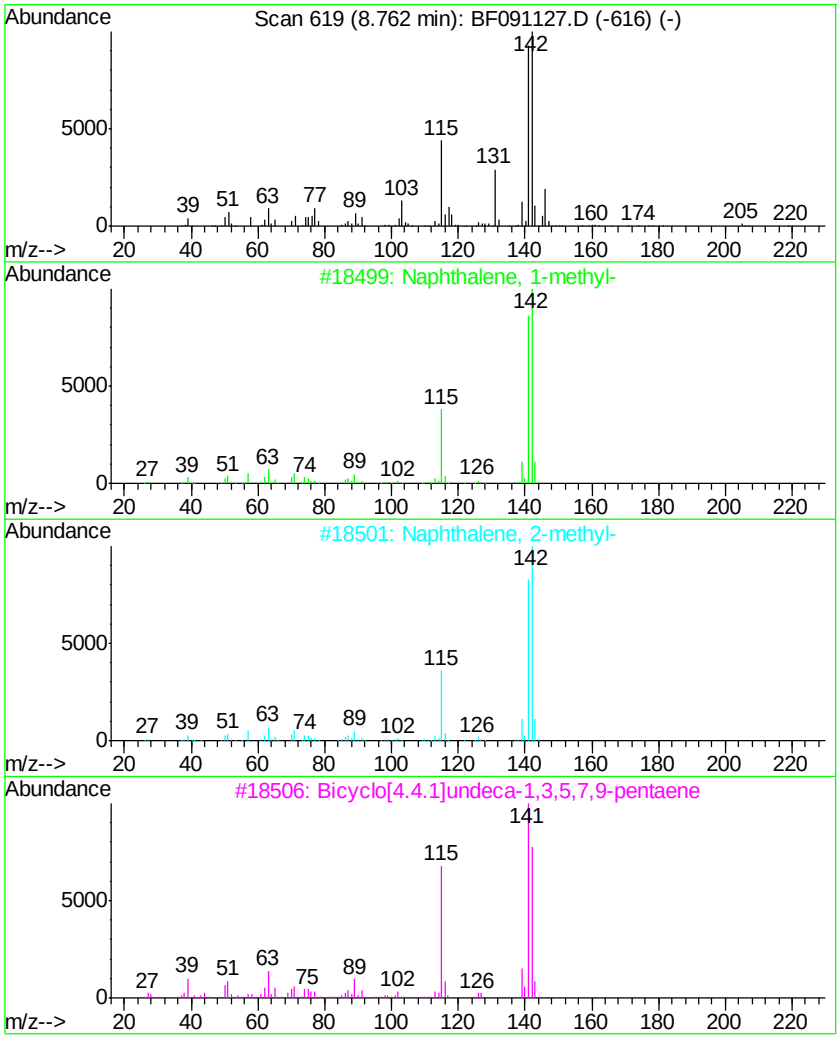
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

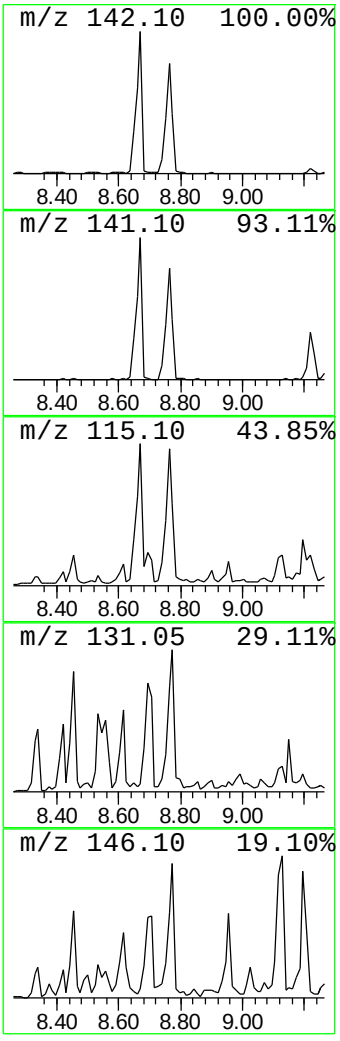
****

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	62.39 ng	9017430	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	76
4	Benzocycloheptatriene	142	C11H10	000264-09-5	76
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

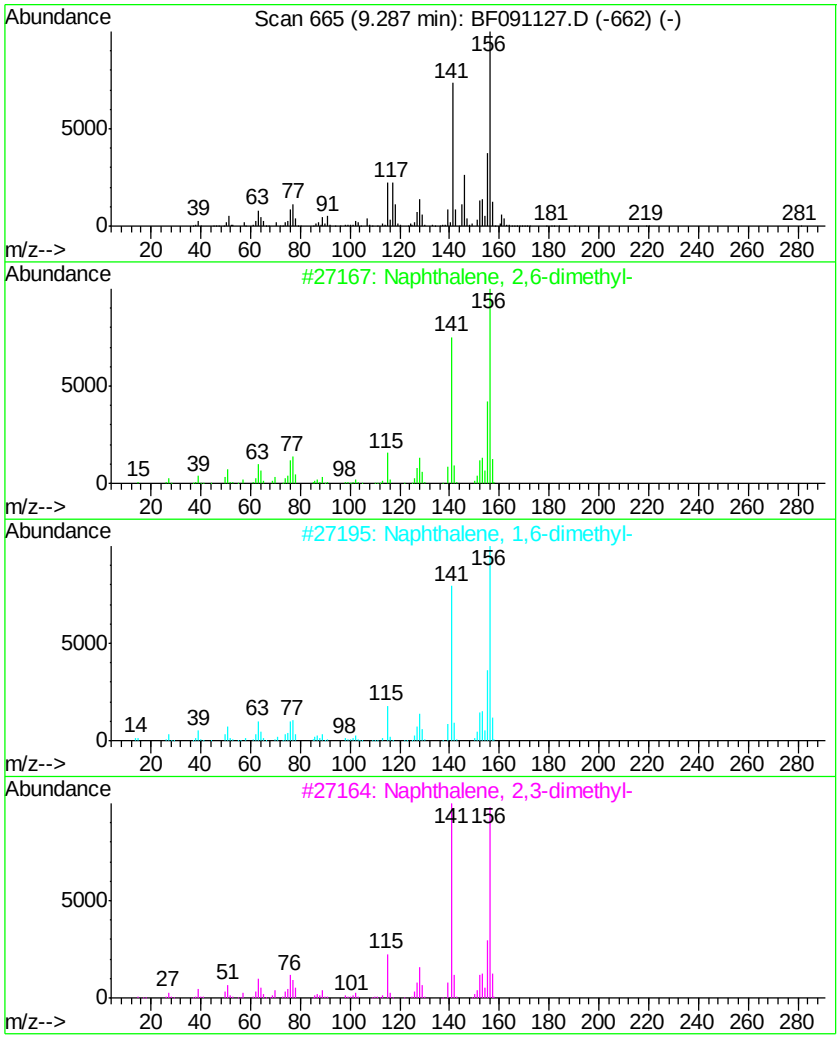
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

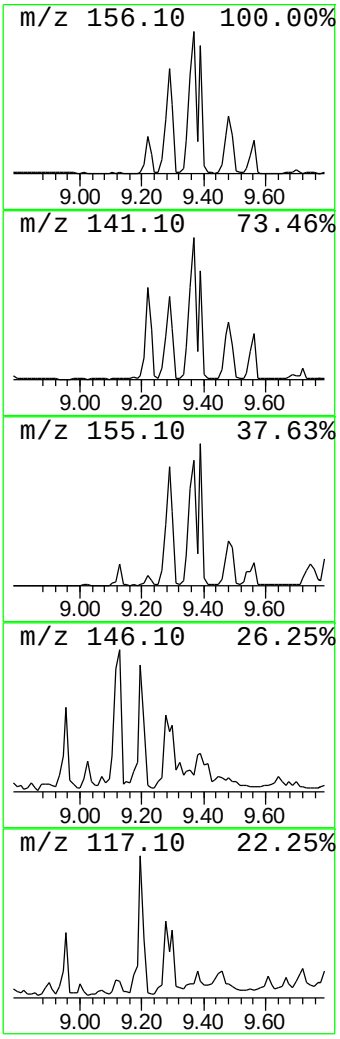
****

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	40.50 ng	5303380	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

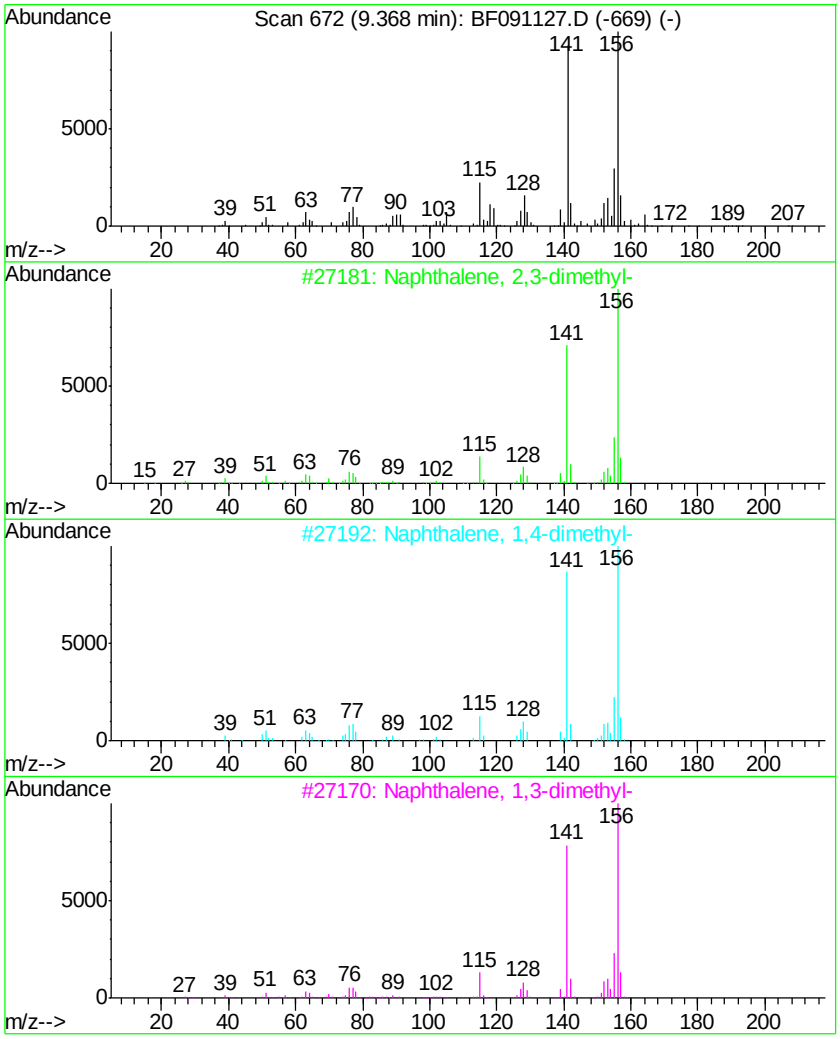
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

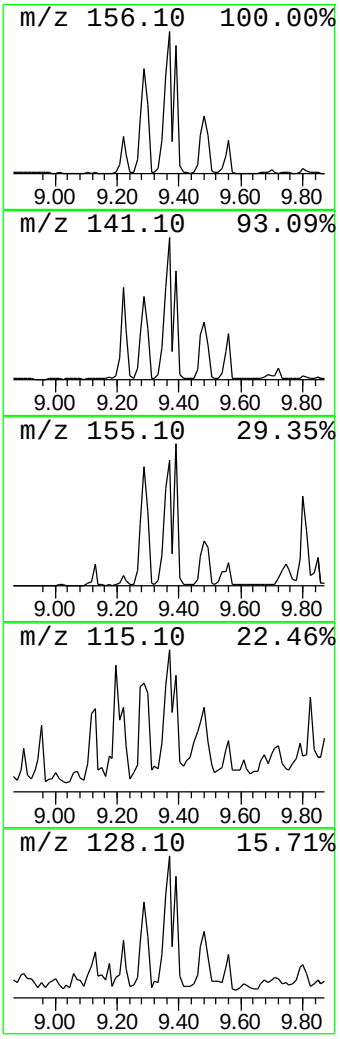
****

Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	49.96 ng	6541300	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

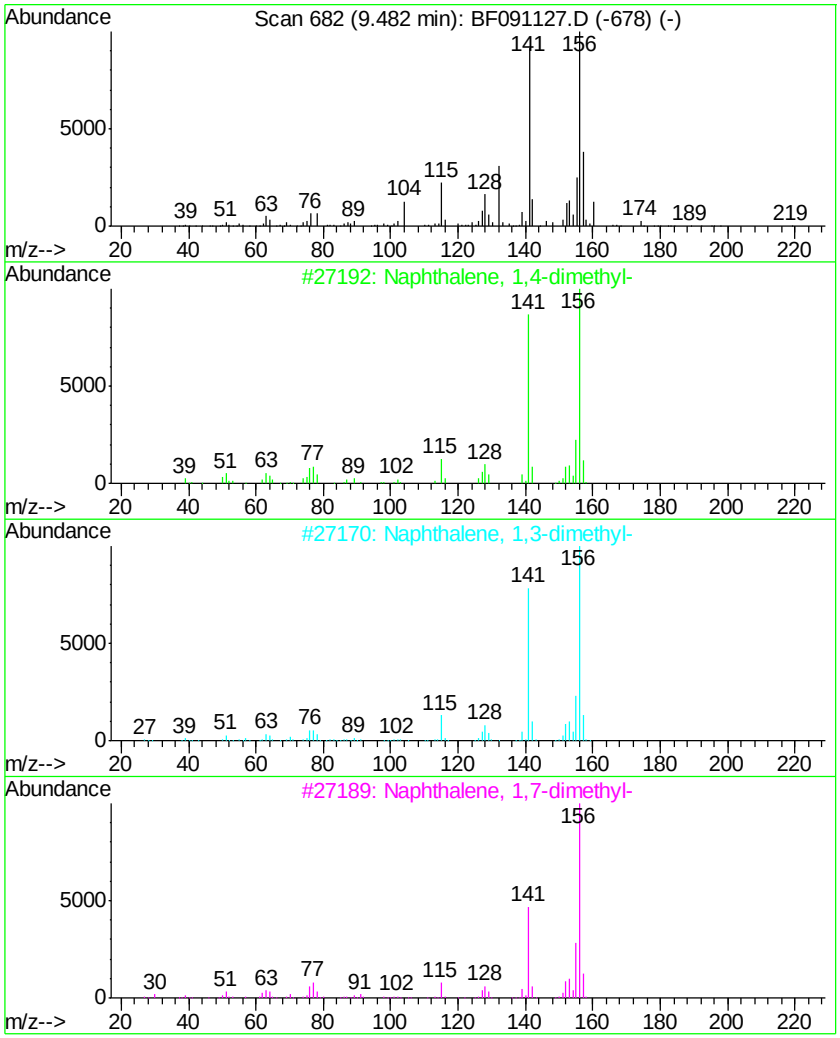
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

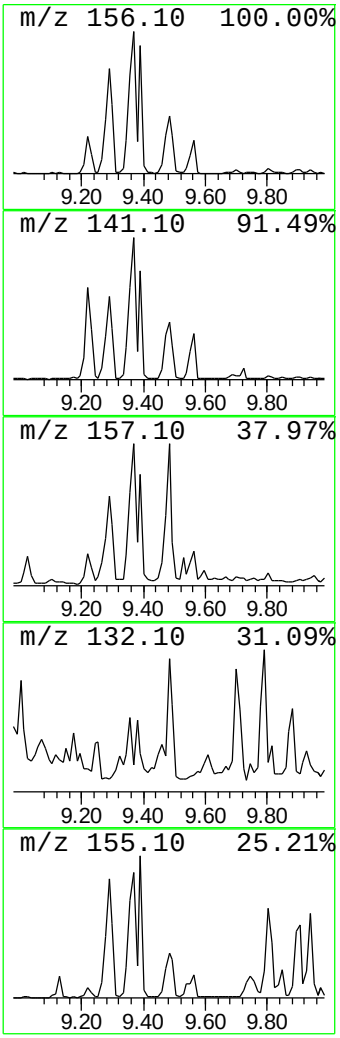
****

Peak Number 20 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	43.29 ng	5668210	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
Data File : BF091127.D
Acq On : 9 Nov 2016 16:40
Operator : UM/SJ
Sample : H5602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
Benzene, 1,3-dime...	5.18	30.7	ng	1559690	1	6.66	1016930	20.0
Cyclohexanamine, ...	5.84	142.4	ng	7243150	1	6.66	1016930	20.0
1-Butanamine, N-b...	6.18	175.8	ng	8940610	1	6.66	1016930	20.0
Cyclohexanamine, ...	6.34	479.3	ng	24371600	1	6.66	1016930	20.0
unknown6.48	6.48	81.2	ng	4130280	1	6.66	1016930	20.0
Benzene, 1,2,3-tr...	6.50	98.6	ng	5011410	1	6.66	1016930	20.0
Benzene, 1-ethyl-...	6.72	62.9	ng	3195500	1	6.66	1016930	20.0
Benzene, 2-ethyl-...	6.99	41.3	ng	2101730	1	6.66	1016930	20.0
N-(1,1-Dimethyl-2...	7.04	101.5	ng	5161990	1	6.66	1016930	20.0
unknown7.63	7.63	41.3	ng	5969660	2	7.95	2890610	20.0
Benzene, 2-etheny...	7.69	29.9	ng	4320880	2	7.95	2890610	20.0
1H-Inden-1-one, 2...	8.56	51.3	ng	7415180	2	7.95	2890610	20.0
Naphthalene, 1-me...	8.76	62.4	ng	9017430	2	7.95	2890610	20.0
Naphthalene, 2,6-...	9.29	40.5	ng	5303380	3	9.70	2618700	20.0
Naphthalene, 2,3-...	9.37	50.0	ng	6541300	3	9.70	2618700	20.0
Naphthalene, 1,4-...	9.48	43.3	ng	5668210	3	9.70	2618700	20.0