LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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-BF052316.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	4.673	268	270	284	rBV	36568	153875	3.20%	0.419%
2	5.336	326	328	345	rBV	516363	1593313	33.16%	4.339%
3	5.553	345	347	356	rVB2	22599	78219	1.63%	0.213%
4	7.004	470	474	478	rBV	386341	883458	18.38%	2.406%
5	7.073	478	480	490	rVV	2074198	3798688	79.05%	10.344%
6	7.210	490	492	500	rVV3	44303	129714	2.70%	0.353%
7	7.416	508	510	522	rVV2	470637	874646	18.20%	2.382%
8	7.576	522	524	528	rVV	19506	49880	1.04%	0.136%
9	7.656	528	531	546	rVV	1843237	3205412	66.70%	8.728%
10	7.862	546	549	556	rVB	24028	54738	1.14%	0.149%
11	7.987	556	560	566	rBV2	25210	76273	1.59%	0.208%
12	8.262	583	584	585	rVV	45532	61085	1.27%	0.166%
13	8.296	585	587	589	rVV	84717	198033	4.12%	0.539%
14	8.342	589	591	604	rVV	1939935	2996034	62.35%	8.158%
15	8.513	604	606	612	rVV	38775	99216	2.06%	0.270%
16	8.673	615	620	623	rVV	77759	173912	3.62%	0.474%
17	8.799	627	631	637	rVV2	71890	229607	4.78%	0.625%
18	8.936	638	643	650	rVV4	71037	247068	5.14%	0.673%
19	9.050	650	653	660	rVB3	140253	380799	7.92%	1.037%
20	9.359	677	680	683	rVB3	35238	50894	1.06%	0.139%
21	9.450	686	688	694	rBV	664795	1059705	22.05%	2.886%
22	9.553	695	697	703	rVB2	41945	74698	1.55%	0.203%
23	9.850	720	723	727	rBV2	35013	71261	1.48%	0.194%
24	9.930	727	730	732	rBV3	28935	50545	1.05%	0.138%
25	10.296	759	762	767	rVV5	27124	66615	1.39%	0.181%
26	10.433	772	774	778	rVB3	26236	48353	1.01%	0.132%
27	10.525	779	782	786	rVV	64356	118950	2.48%	0.324%
28	10.605	786	789	799	rVB3	60293	187189	3.90%	0.510%
29	11.028	824	826	831	rVB2	29414	61727	1.28%	0.168%
30	11.142	831	836	838	rBV4	21833	67438	1.40%	0.184%
31	11.233	840	844	846	rBV	2977084	4805548	100.00%	13.085%
32	11.508	866	868	871	rVV3	46777	85265	1.77%	0.232%
33	11.771	888	891	893	rVV3	34423	78022	1.62%	0.212%
34	11.816	893	895	899	rVB4	26270	66677	1.39%	0.182%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.931	902	905	911	rVV	152749	283502	5.90%	0.772%
36	12.205	925	929	932	rBV2	28225	65565	1.36%	0.179%
37	12.273	932	935	940	rBV	844308	1213666	25.26%	3.305%
38	12.571	958	961	964	rBV	43957	66567	1.39%	0.181%
39	12.834	978	984	989	rBV9	37164	130087	2.71%	0.354%
40	12.948	991	994	997	rVV2	53664	121855	2.54%	0.332%
41	13.028	997	1001	1003	rVV2	82334	159578	3.32%	0.435%
42	13.108	1006	1008	1010	rVB	46732	56498	1.18%	0.154%
43	13.256	1019	1021	1025	rVB4	28412	61279	1.28%	0.167%
44	13.348	1026	1029	1036	rVB8	29707	83186	1.73%	0.227%
45	13.462	1036	1039	1041	rBV3	30295	60034	1.25%	0.163%
46	13.531	1043	1045	1046	rVV	40286	53359	1.11%	0.145%
47	13.576	1046	1049	1057	rVV	2206934	3158919	65.73%	8.602%
48	13.736	1061	1063	1071	rVV6	34901	138593	2.88%	0.377%
49	13.839	1071	1072	1073	rVV	37653	50603	1.05%	0.138%
50	13.874	1073	1075	1078	rVV	95934	186437	3.88%	0.508%
51	13.919	1078	1079	1091	rVB	114187	351098	7.31%	0.956%
52	14.617	1137	1140	1143	rBV2	197475	303535	6.32%	0.827%
53	14.674	1143	1145	1155	rVB	630222	1140957	23.74%	3.107%
54	15.062	1175	1179	1180	rBV	52823	89432	1.86%	0.244%
55	15.188	1188	1190	1195	rVB5	21608	51120	1.06%	0.139%
56	15.588	1223	1225	1230	rVB	42539	65338	1.36%	0.178%
57	15.680	1230	1233	1236	rBV2	121778	220674	4.59%	0.601%
58	16.777	1326	1329	1336	rVB	109424	187219	3.90%	0.510%
59	17.040	1349	1352	1355	rBV	3201098	4289698	89.27%	11.681%
60	17.874	1423	1425	1427	rBV	63285	73301	1.53%	0.200%
61	18.103	1443	1445	1451	rBV2	28230	60941	1.27%	0.166%
62	18.285	1459	1461	1469	rVB	92089	145879	3.04%	0.397%
63	18.400	1469	1471	1481	rVB	549549	898468	18.70%	2.446%
64	19.074	1527	1530	1535	rVB3	28276	67386	1.40%	0.183%
65	19.268	1545	1547	1551	rBV	52725	94107	1.96%	0.256%
66	20.091	1617	1619	1629	rBV	269054	618893	12.88%	1.685%

Sum of corrected areas: 36724631

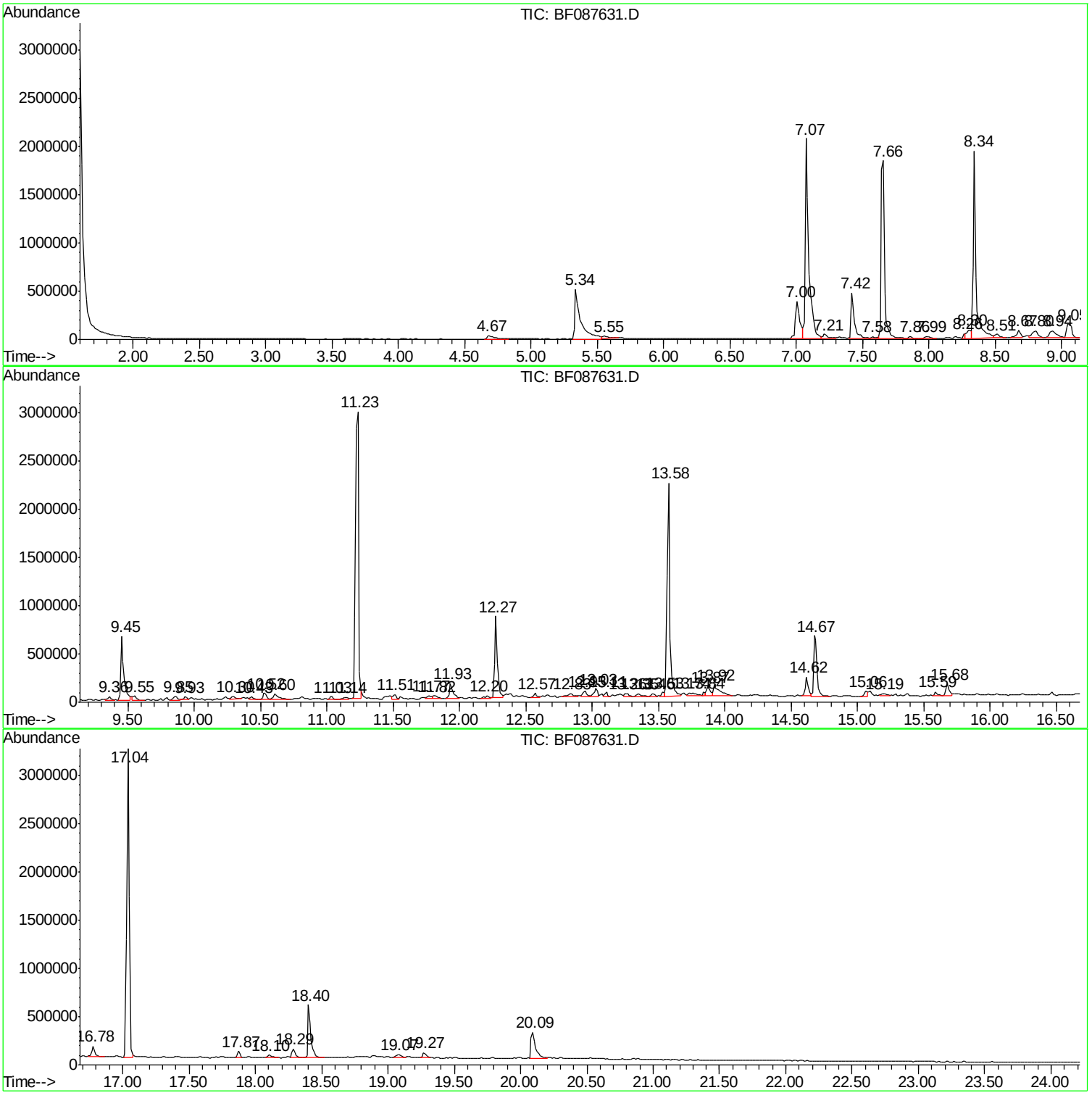
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

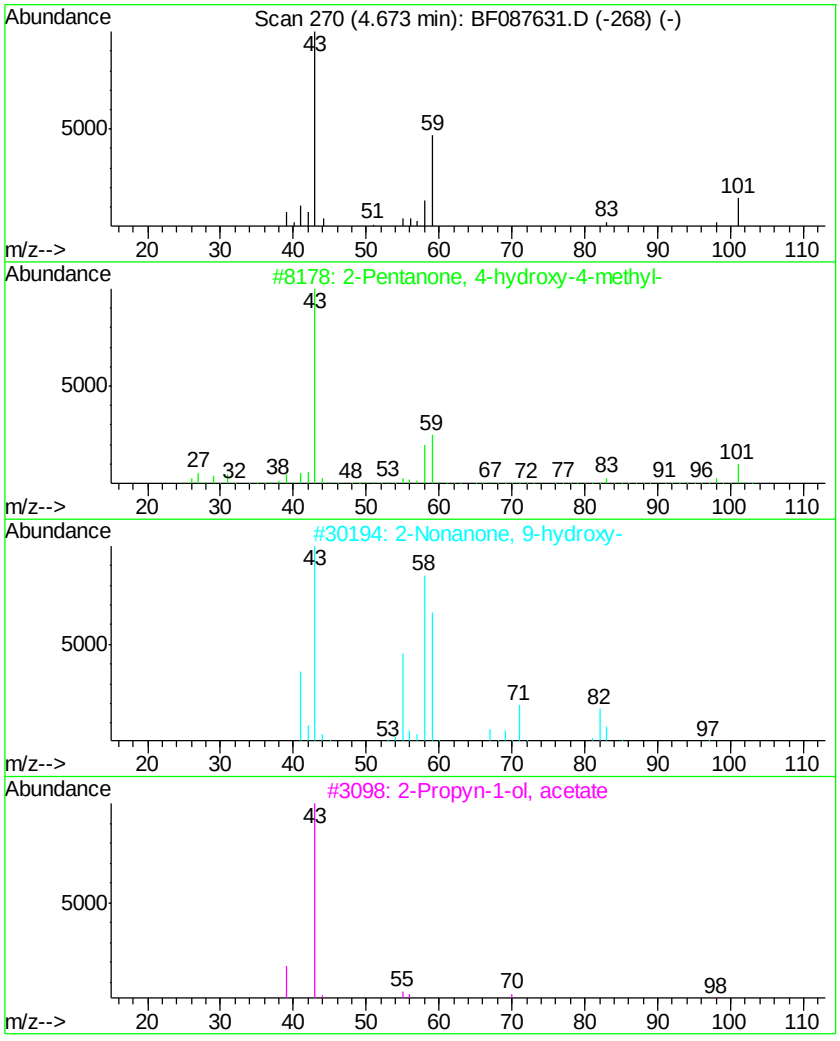
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

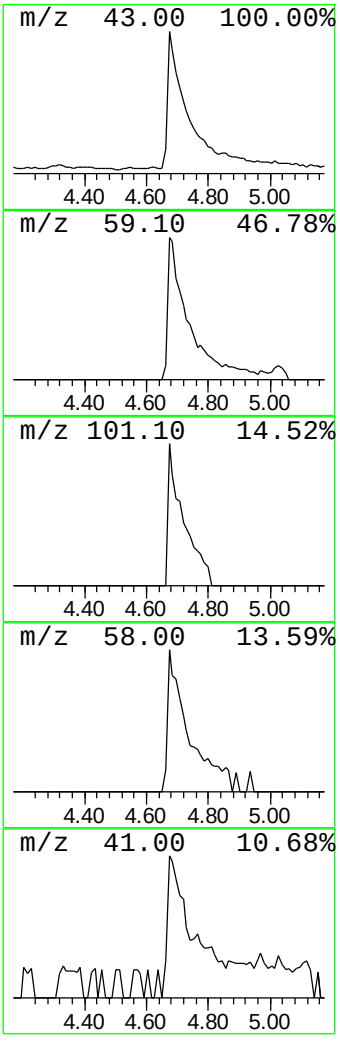
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	3.52 ng	153875	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	Propylamine	59	C3H9N	000107-10-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

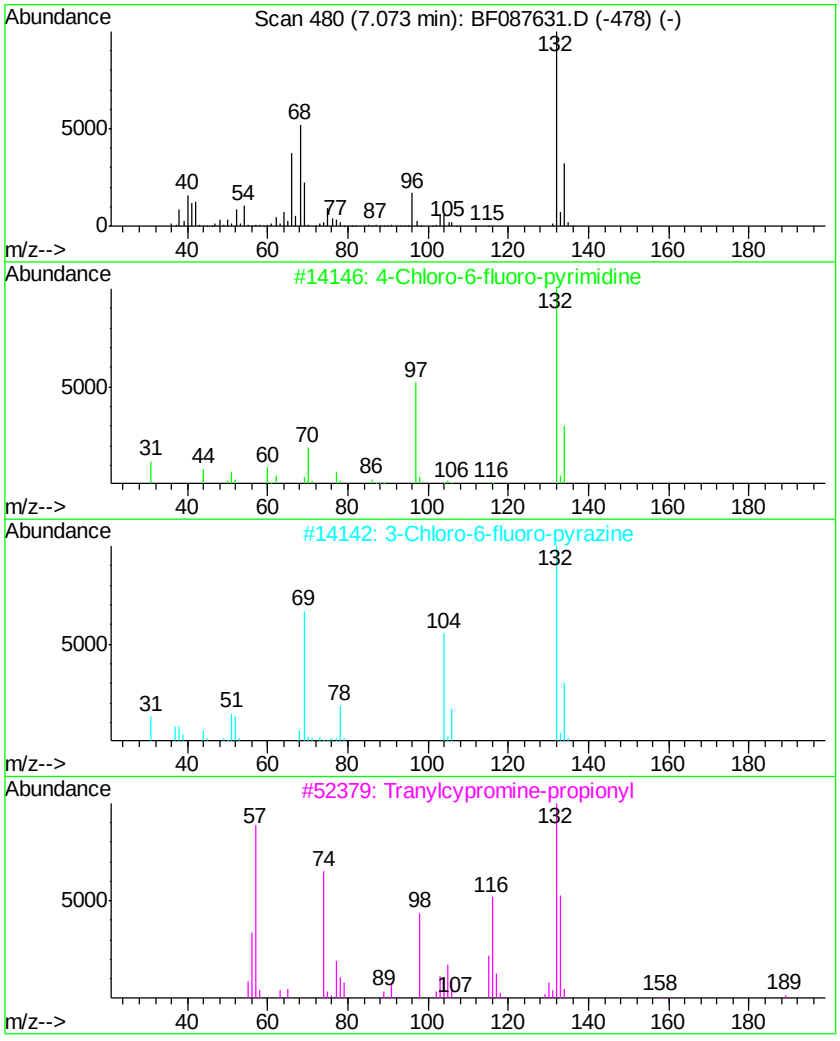
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

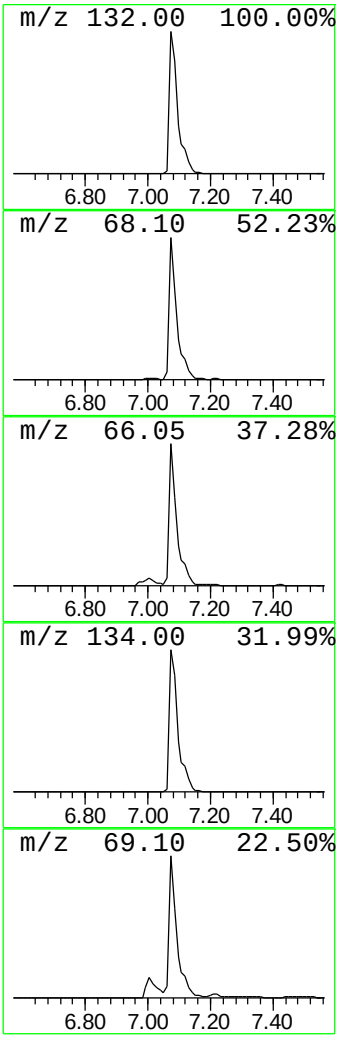
****

Peak Number 2 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	86.86 ng	3798690	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1H-Indazole, 4-methyl-	132	C8H8N2	1000316-00-9	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

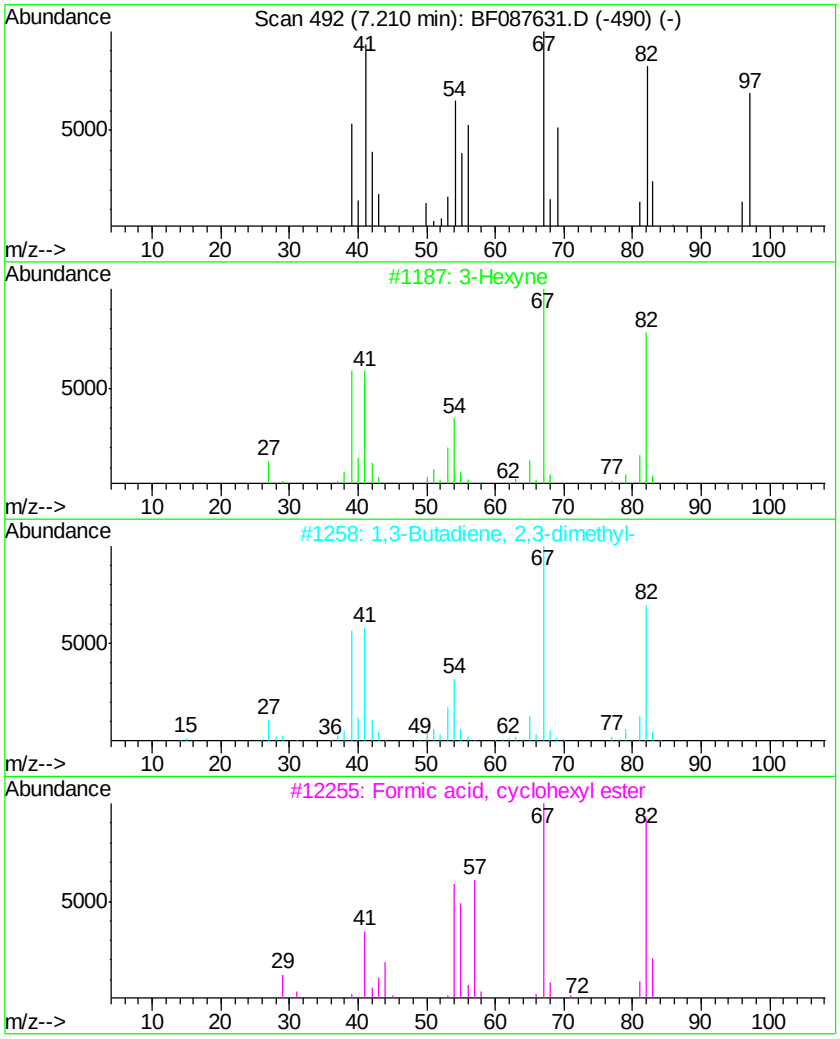
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

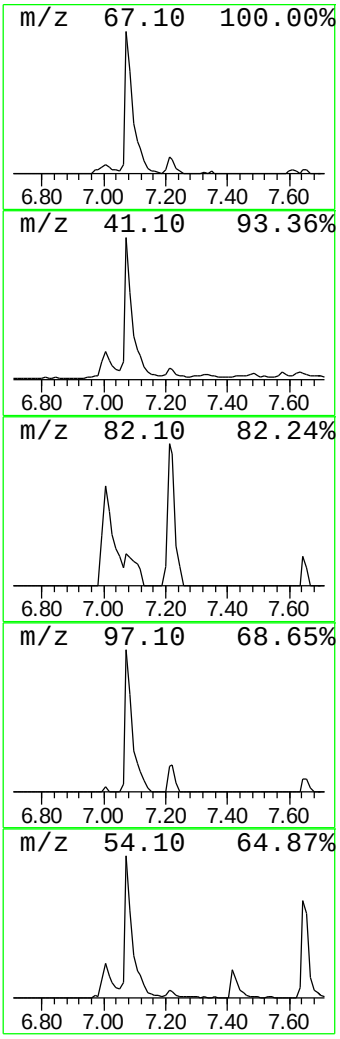
****

Peak Number 3 unknown7.21 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	2.97 ng	129714	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexyne	82	C6H10	000928-49-4	47
2	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	47
3	Formic acid, cyclohexyl ester	128	C7H12O2	004351-54-6	47
4	4-Methyl-2-pentyne	82	C6H10	021020-27-9	38
5	trans-3-Hexen-1-ol, trifluoroace...	196	C8H11F3O2	1000352-31-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

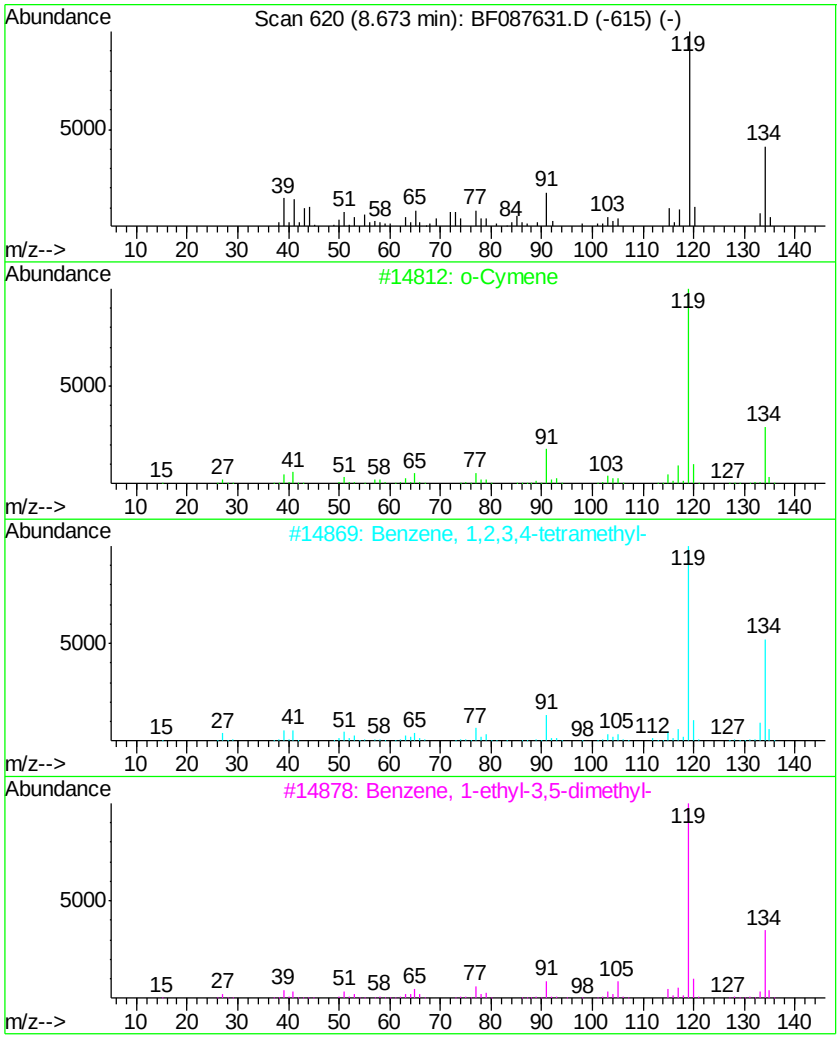
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

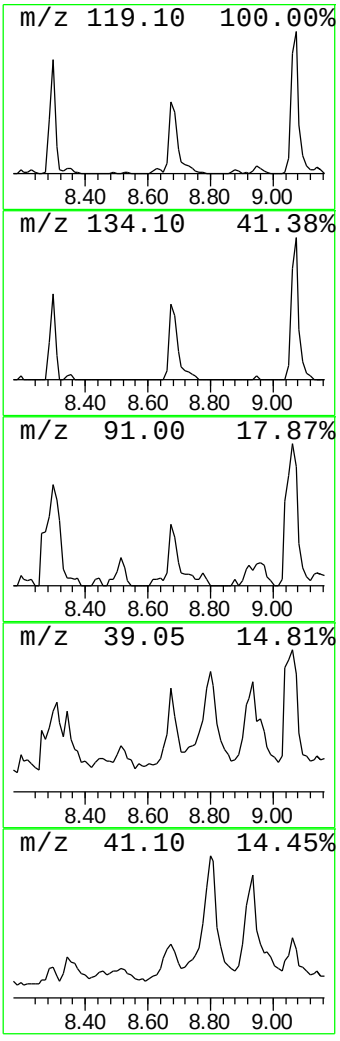
****

Peak Number 5 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	3.28 ng	173912	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

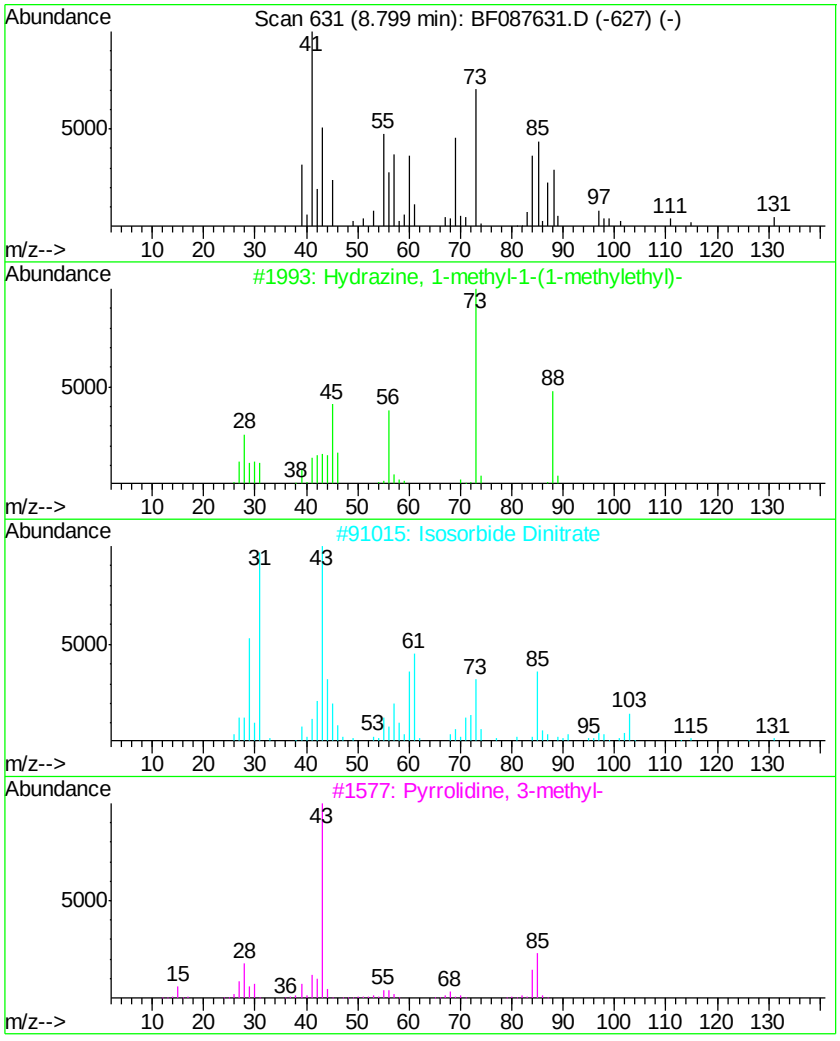
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

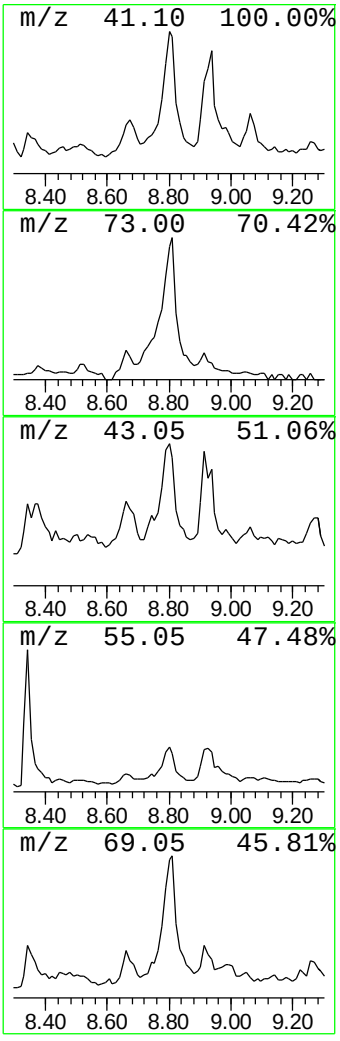
****

Peak Number 6 unknown8.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	4.33 ng	229607	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-methyl-1-(1-methyle...	88	C4H12N2	033668-54-1	38
2	Isosorbide Dinitrate	236	C6H8N2O8	000087-33-2	38
3	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	27
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	27
5	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

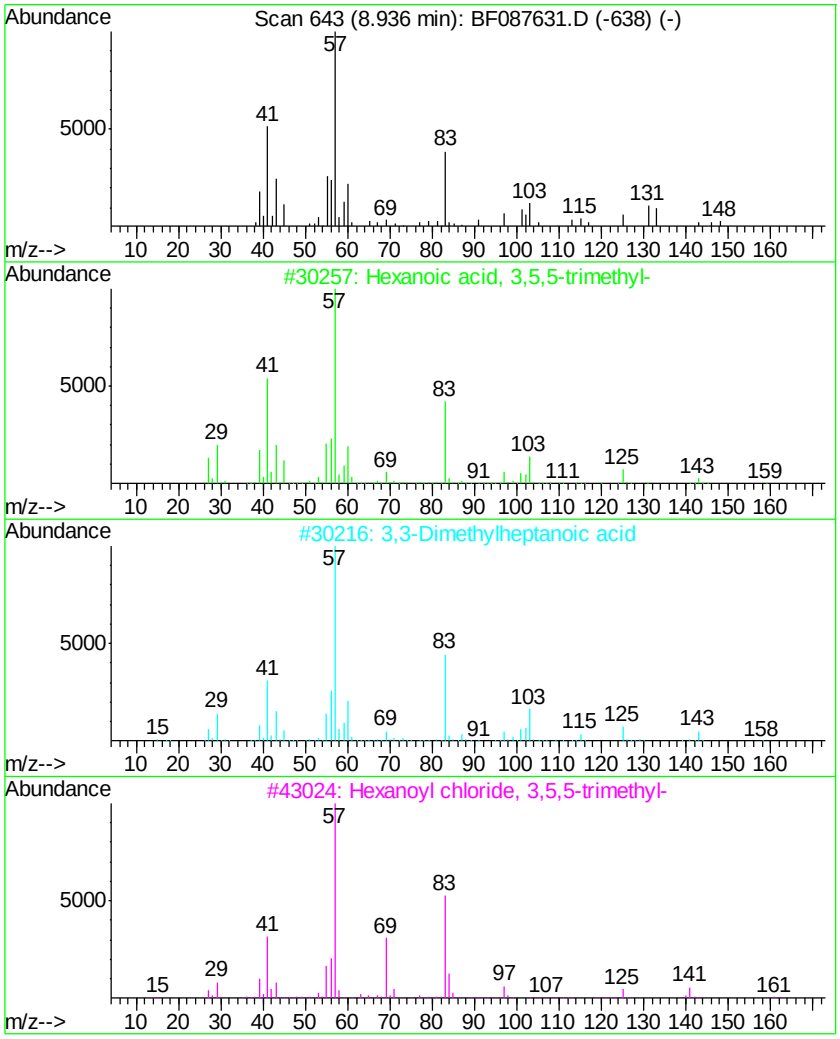
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

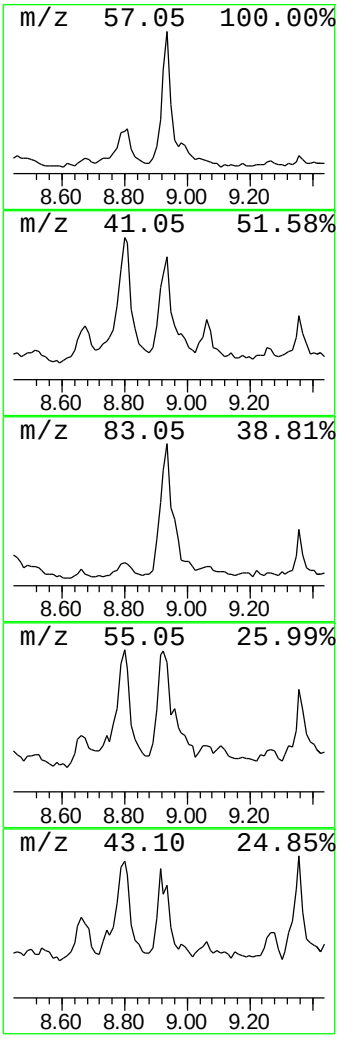
****

Peak Number 7 Hexanoic acid, 3,5,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	4.66 ng	247068	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	72
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	64
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	32
4	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	27
5	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

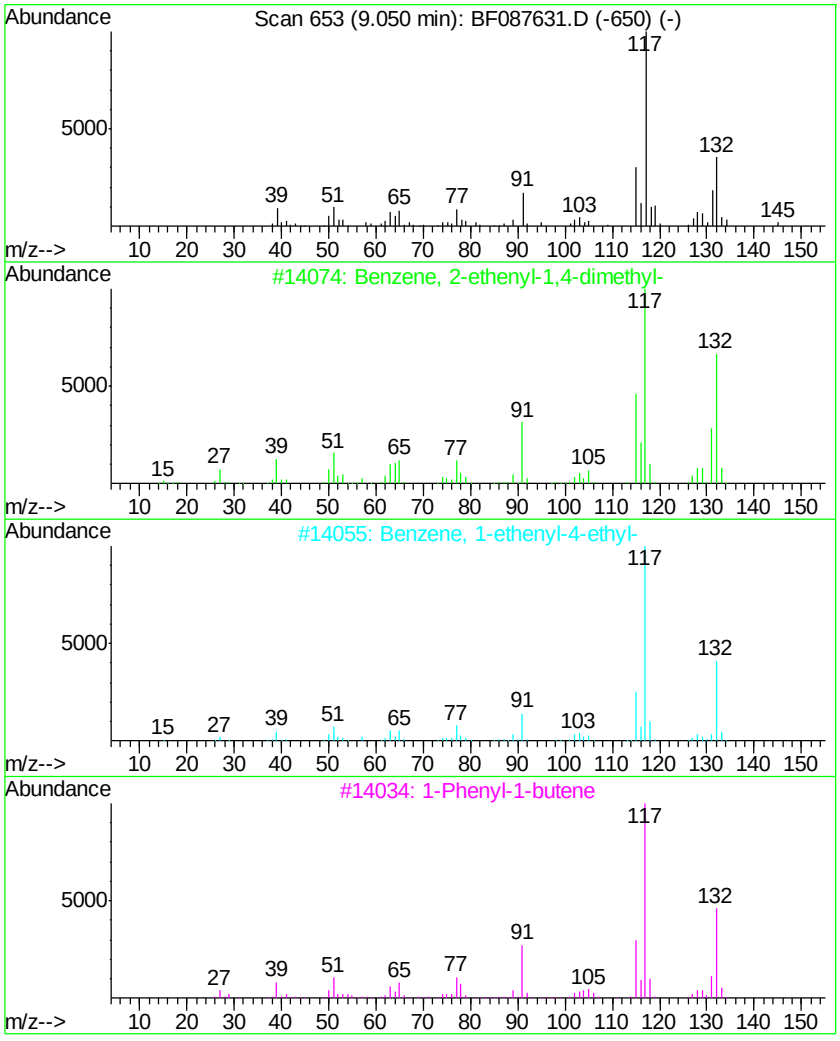
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

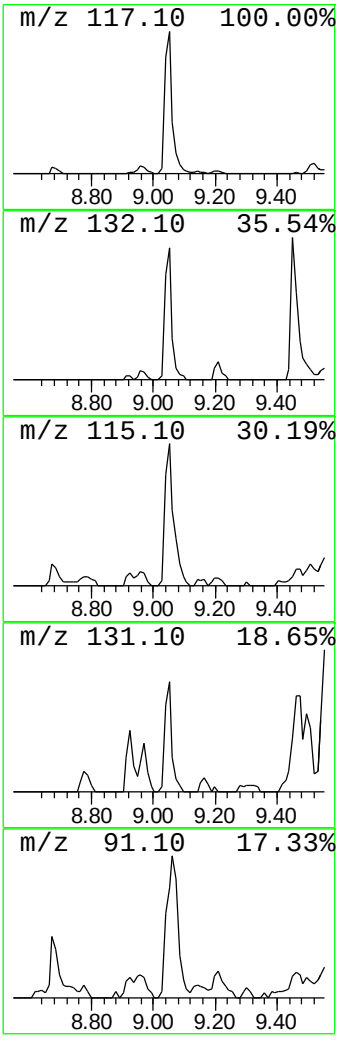
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	7.19 ng	380799	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

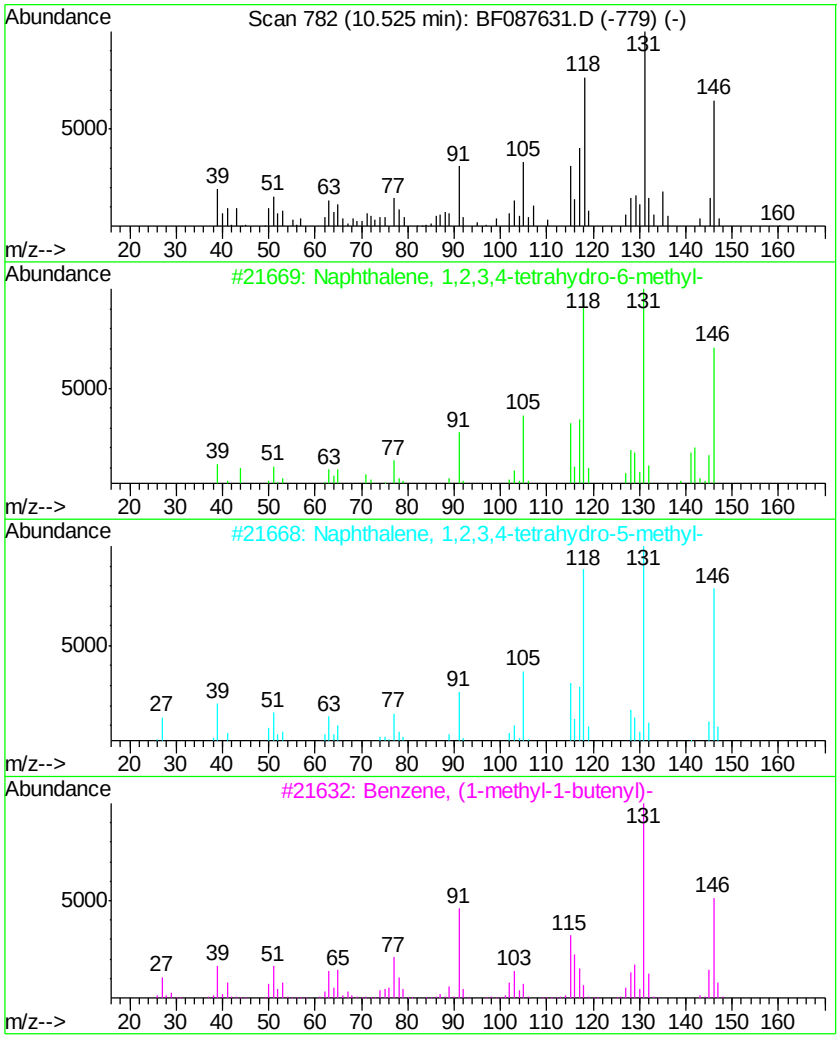
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

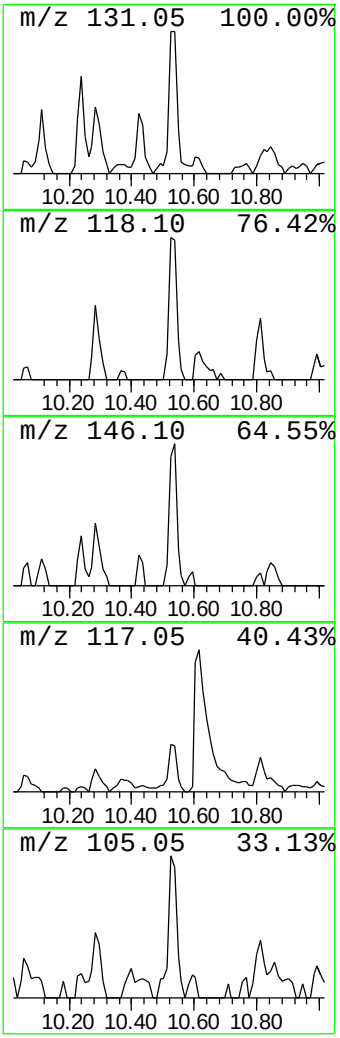
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.24 ng	118950	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

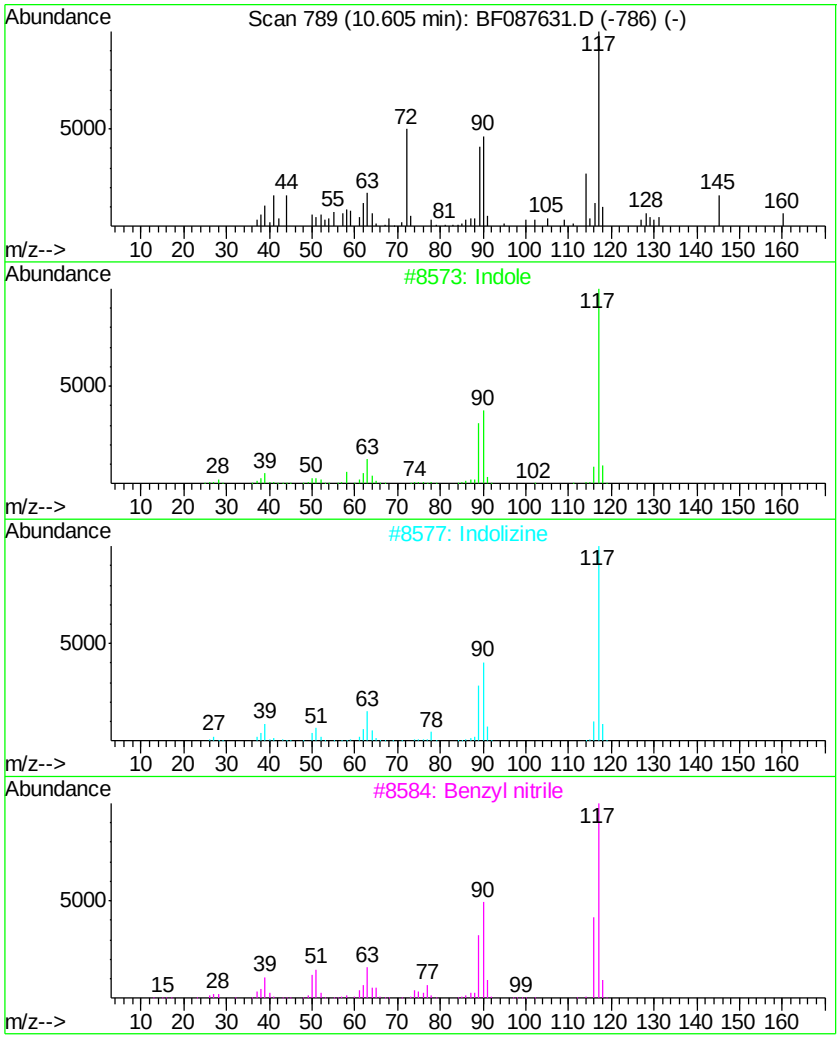
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

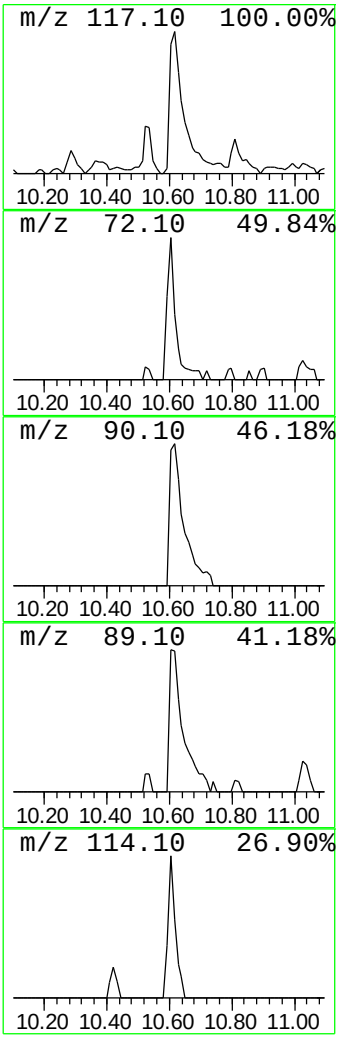
****

Peak Number 10 Indole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.53 ng	187189	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	94
2	Indolizine	117	C8H7N	000274-40-8	76
3	Benzyl nitrile	117	C8H7N	000140-29-4	70
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	70
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

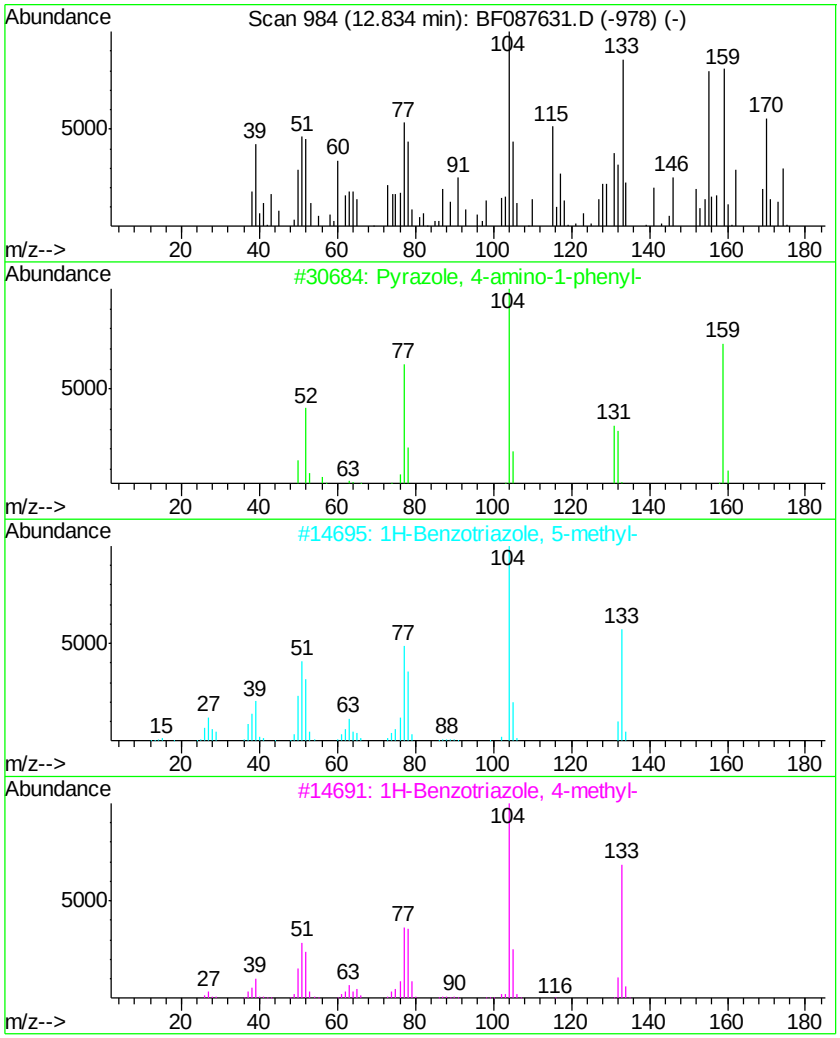
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

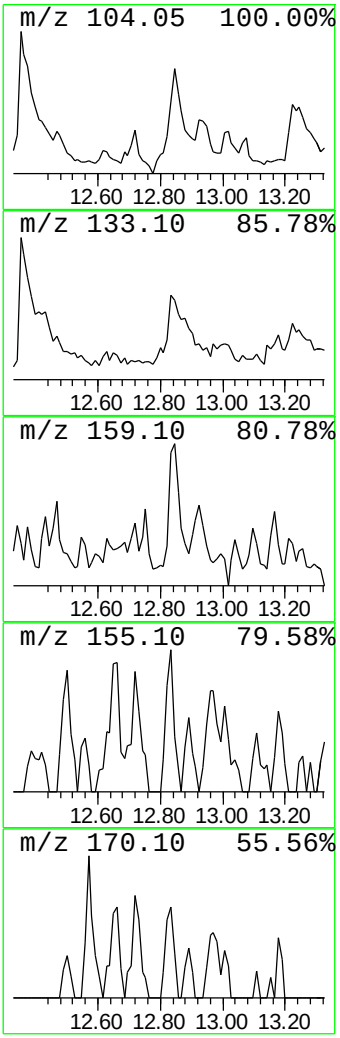
****

Peak Number 11 Pyrazole, 4-amino-1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.14 ng	130087	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole, 4-amino-1-phenyl-	159	C9H9N3	001128-53-6	50
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	45
3	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	45
4	1H-Indazol-3-amine	133	C7H7N3	000874-05-5	43
5	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

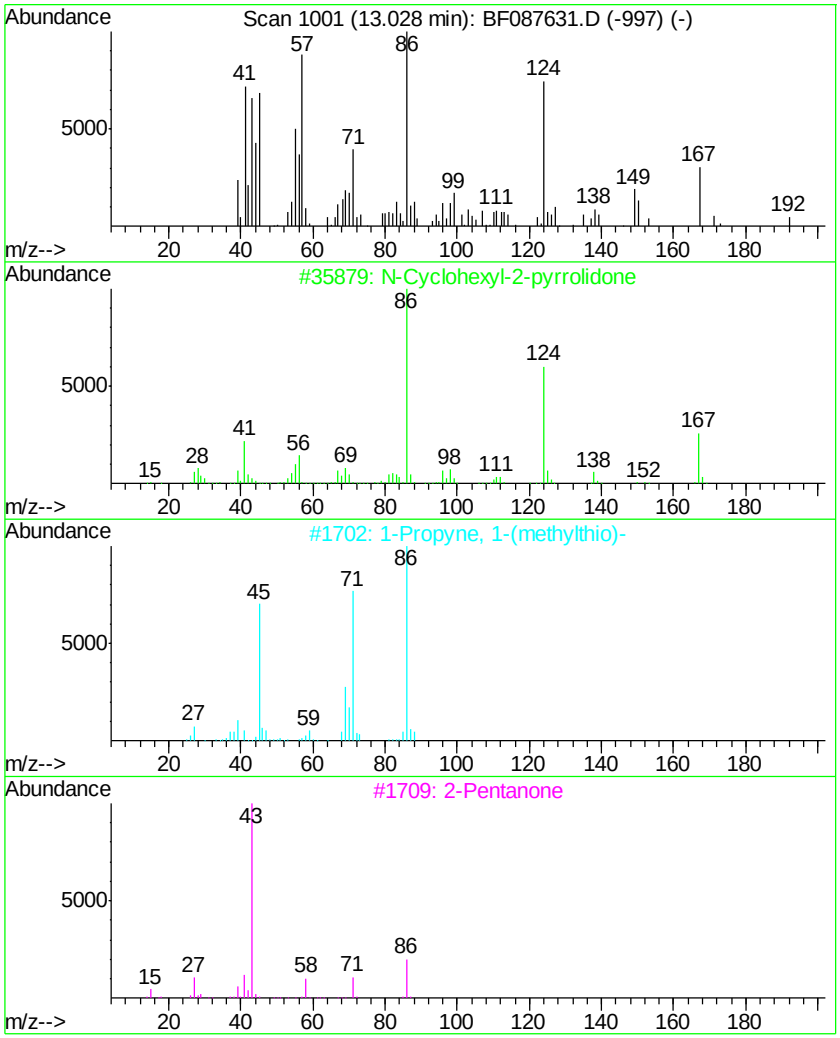
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

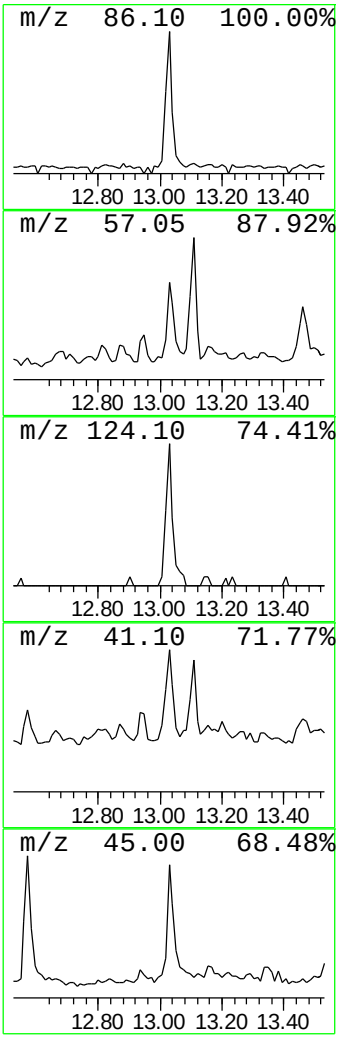
****

Peak Number 12 N-Cyclohexyl-2-pyrrolidone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.63 ng	159578	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Cyclohexyl-2-pyrrolidone	167	C10H17NO	006837-24-7	50
2	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	35
3	2-Pentanone	86	C5H10O	000107-87-9	22
4	o-(n-Butyl) S-(2-diethylaminoeth...	281	C12H28NO2PS	1000273-62-0	22
5	2H-Pyran-2-methanol, 3,6-dihydro...	188	C9H16O4	056196-34-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

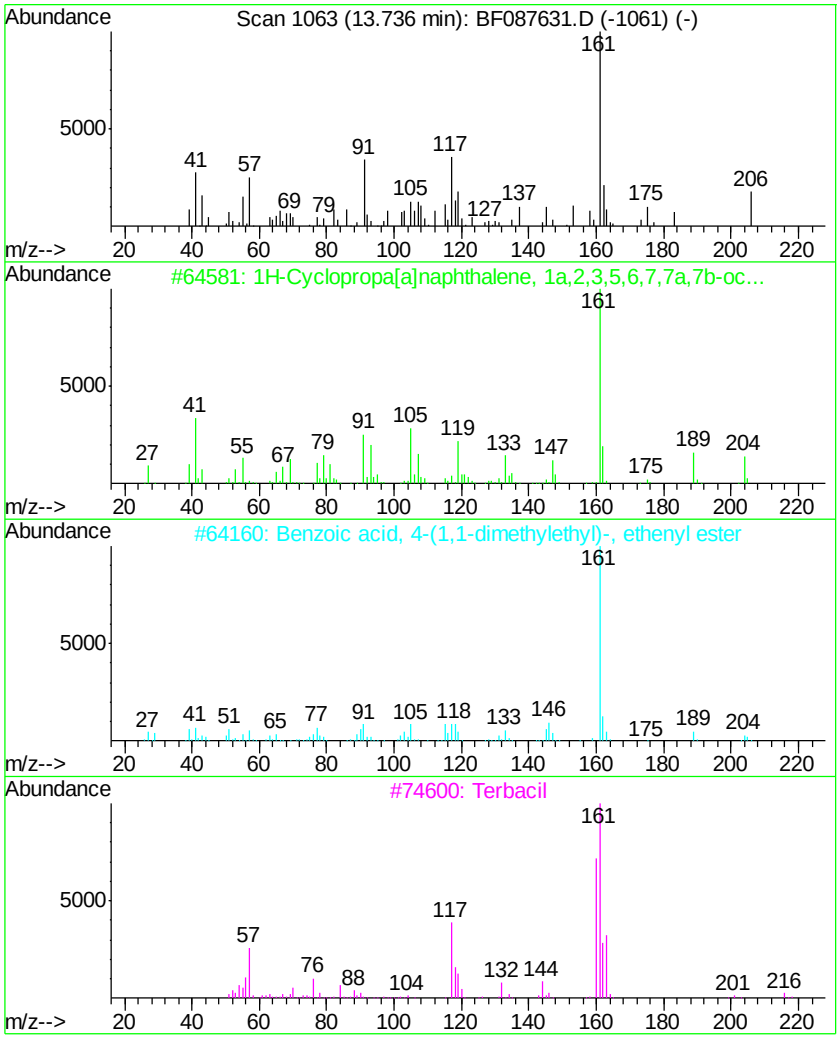
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

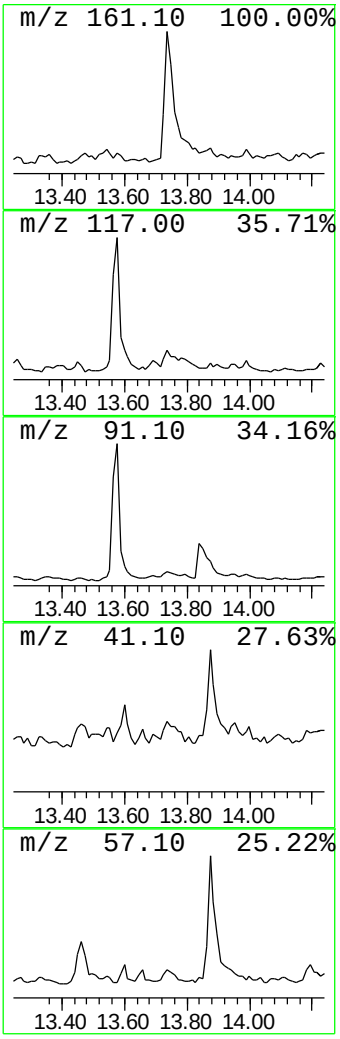
****

Peak Number 13 unknown13.74 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.43 ng	138593	Phenanthrene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	47
2	Benzoic acid, 4-(1,1-dimethyleth...	204	C13H16O2	015484-80-7	47
3	Terbacil	216	C9H13ClN2O2	005902-51-2	45
4	Silane, dimethyl(2-hexyloxy)prop...	218	C11H26O2Si	1000347-67-3	40
5	Carbostyril, 8-hydroxy-	161	C9H7NO2	015450-76-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

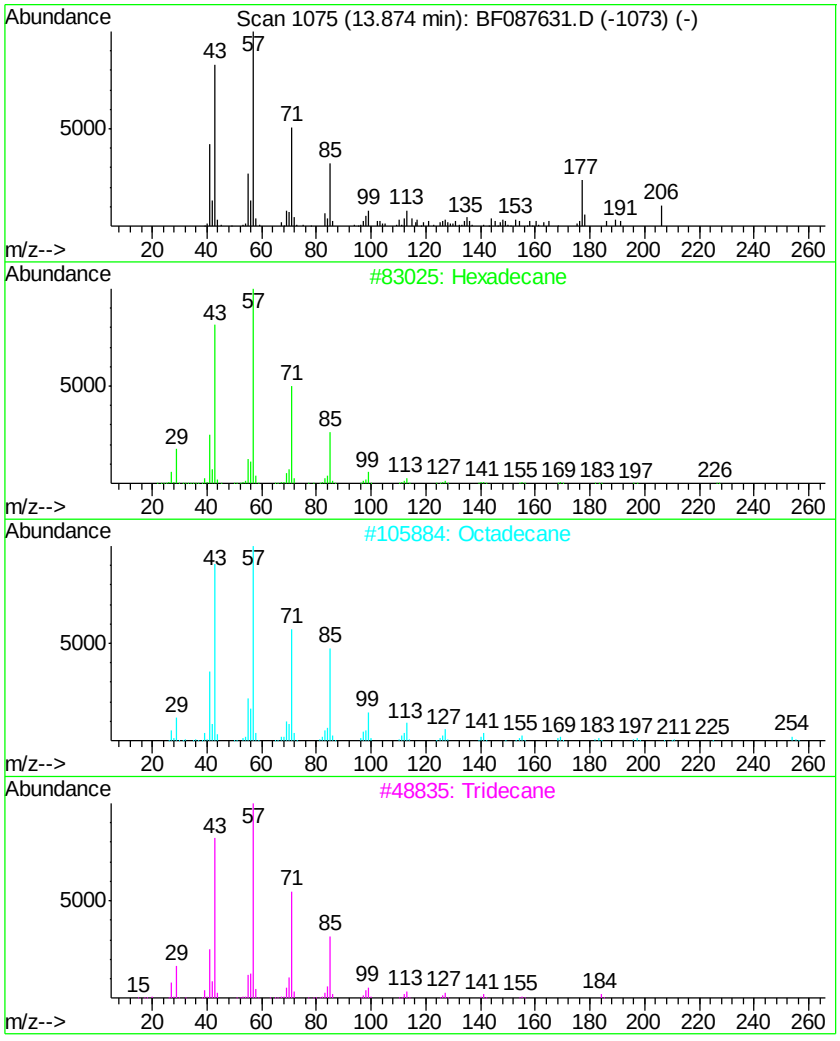
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

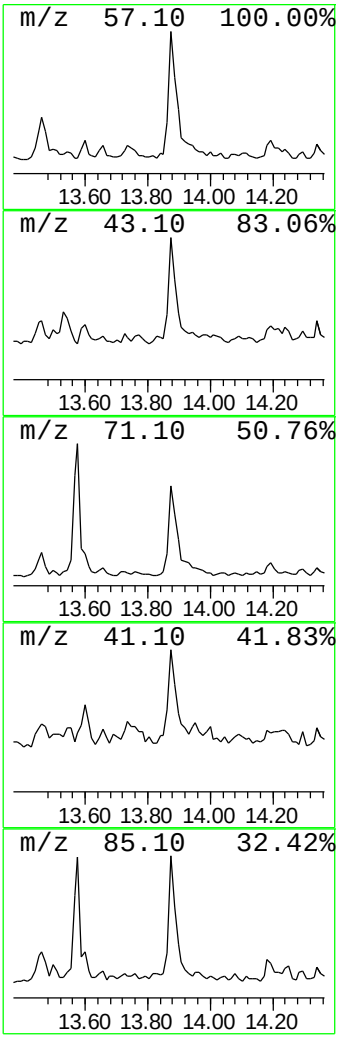
****

Peak Number 14 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.27 ng	186437	Phenanthrene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Octadecane	254	C18H38	000593-45-3	49
3	Tridecane	184	C13H28	000629-50-5	49
4	Dodecane	170	C12H26	000112-40-3	49
5	Eicosane	282	C20H42	000112-95-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

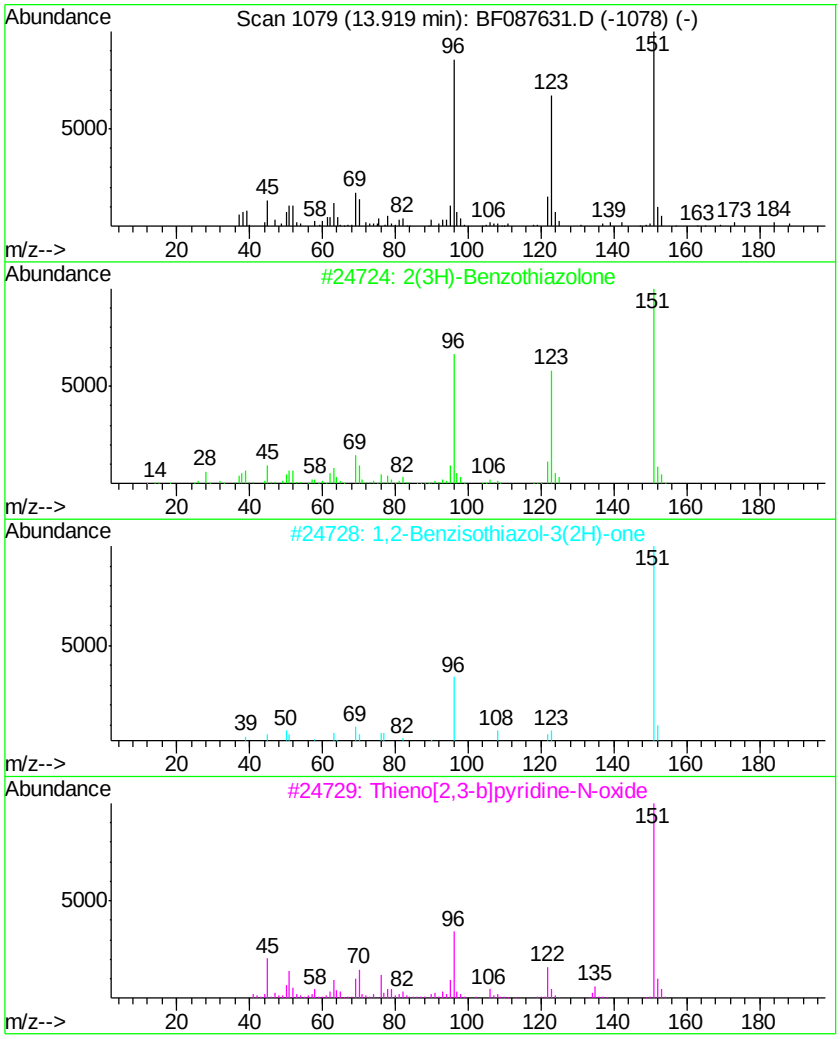
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

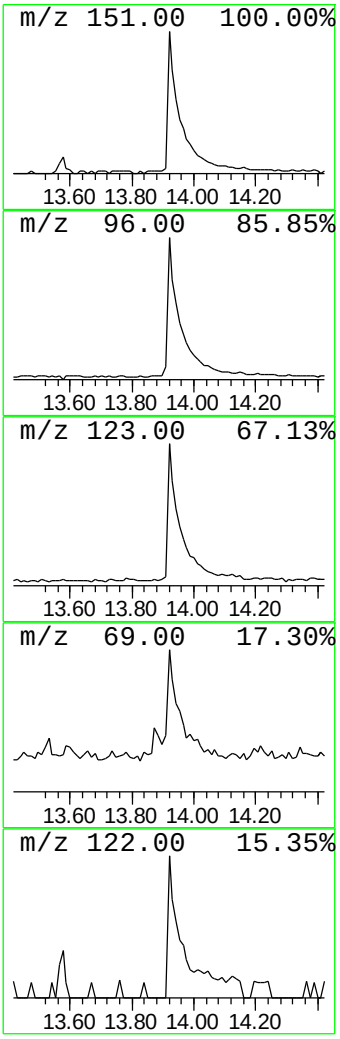
****

Peak Number 15 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.15 ng	351098	Phenanthrene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	46
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
5	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

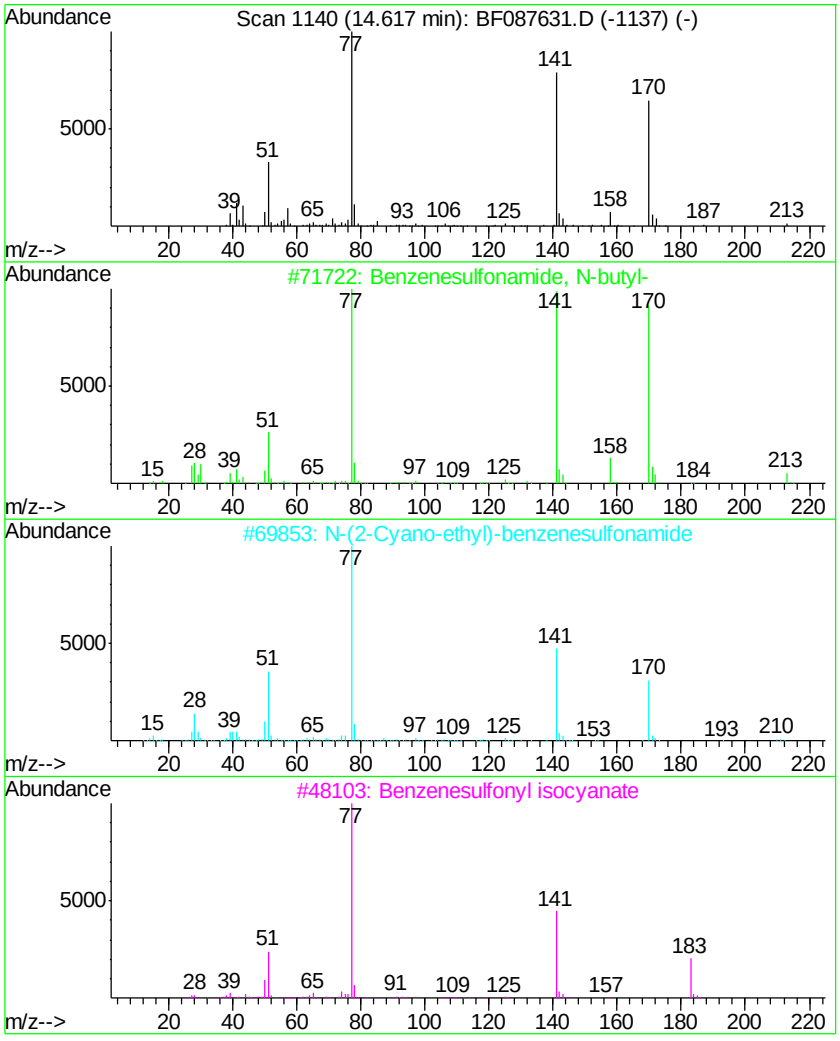
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

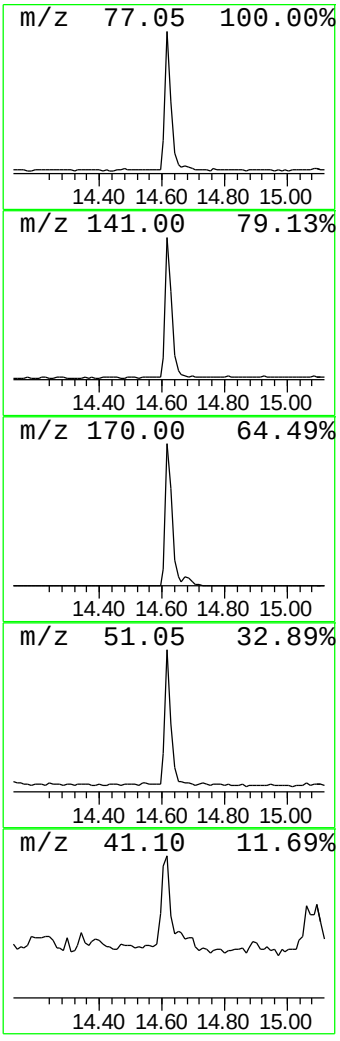
****

Peak Number 16 Benzenesulfonamide, N-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.32 ng	303535	Phenanthrene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	94
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	83
3	Benzenesulfonyl isocyanate	183	C7H5NO3S	002845-62-7	59
4	Benzenesulfonylamino-acetic acid...	260	C8H8N2O6S	1000301-09-0	50
5	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

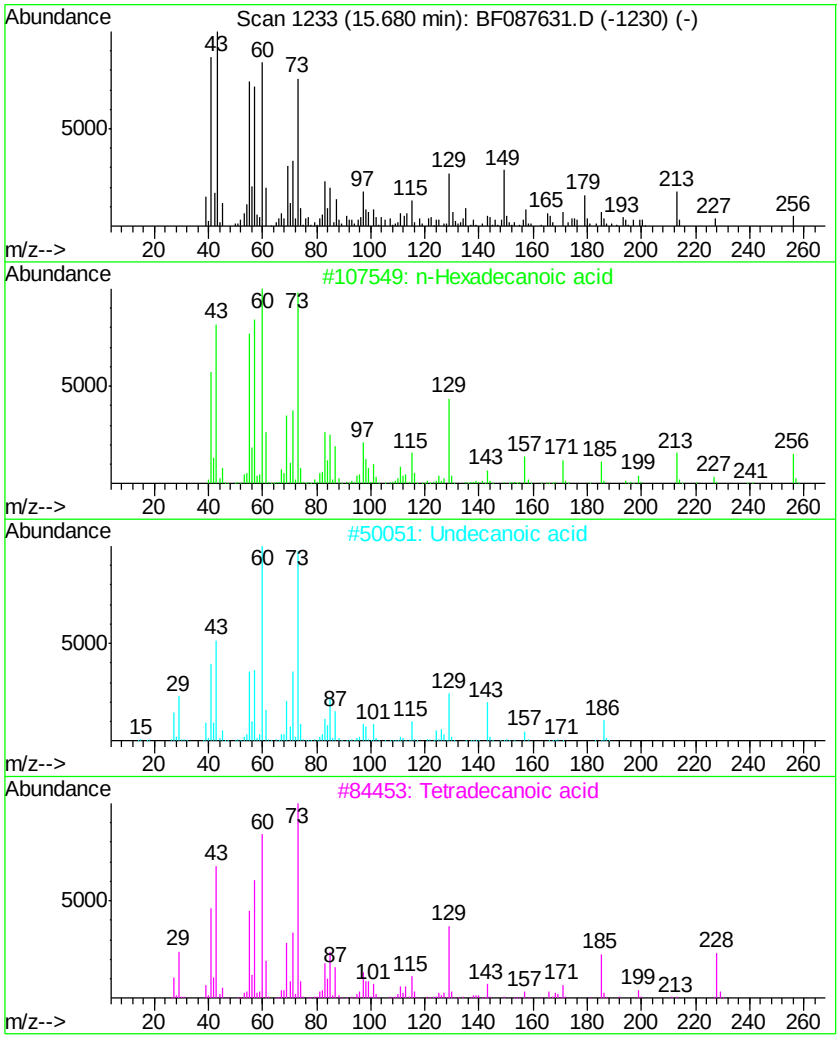
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

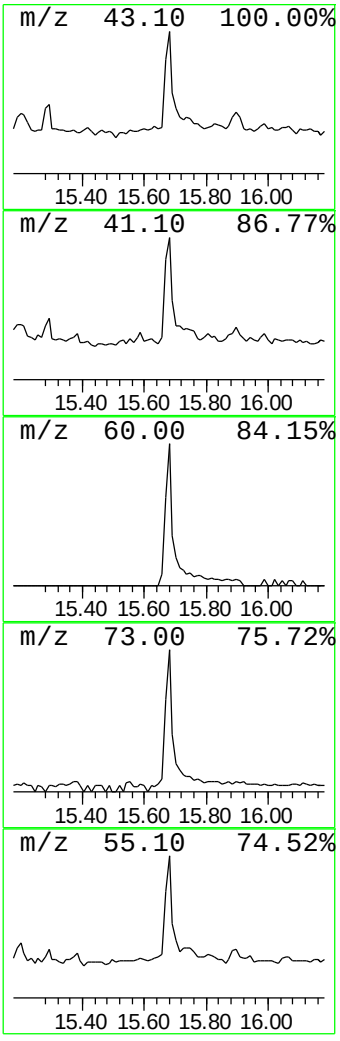
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.87 ng	220674	Phenanthrene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Undecanoic acid	186	C11H22O2	000112-37-8	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

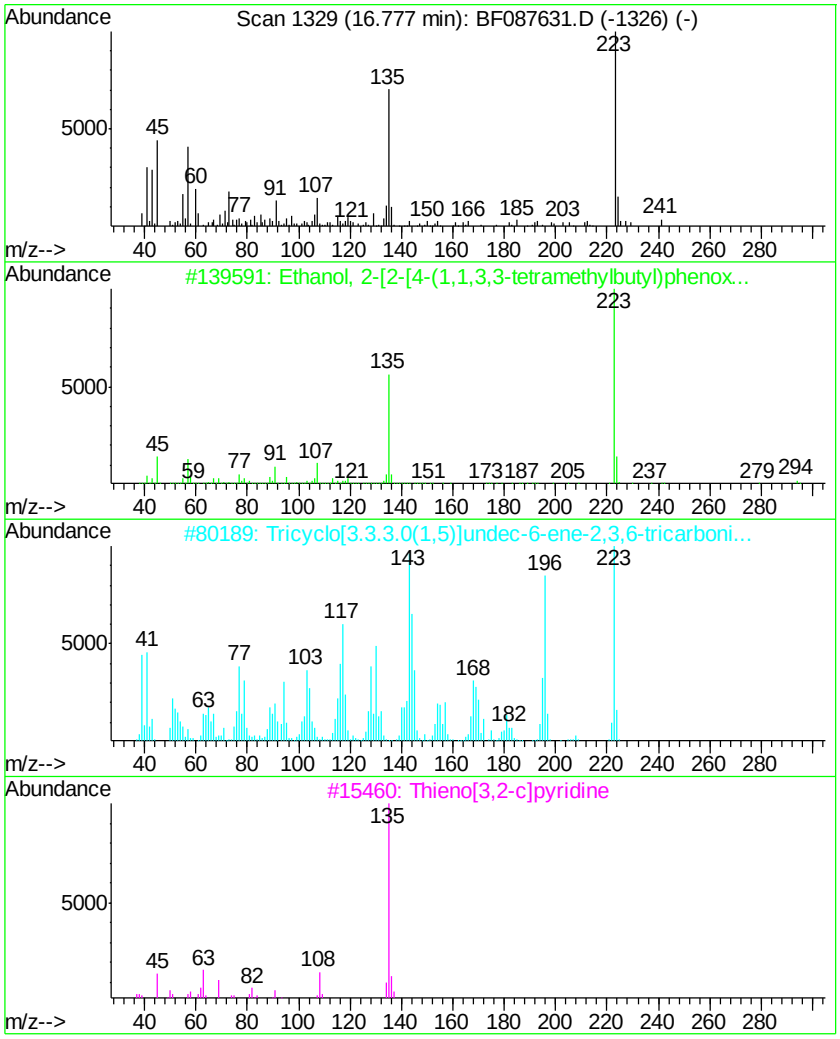
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

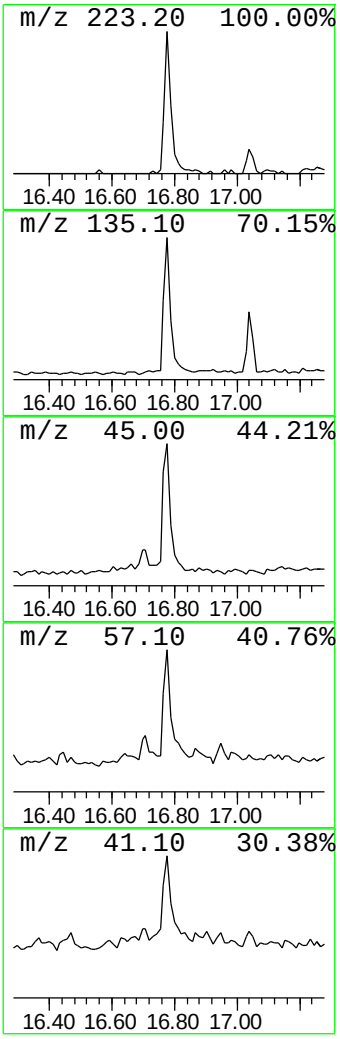
****

Peak Number 18 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.17 ng	187219	Chrysene-d12	18.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	58
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	38
3	Thieno[3,2-c]pyridine	135	C7H5NS	000272-14-0	25
4	Anthraquinone, 2-amino-	223	C14H9NO2	000117-79-3	22
5	Hexestrol	270	C18H22O2	000084-16-2	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

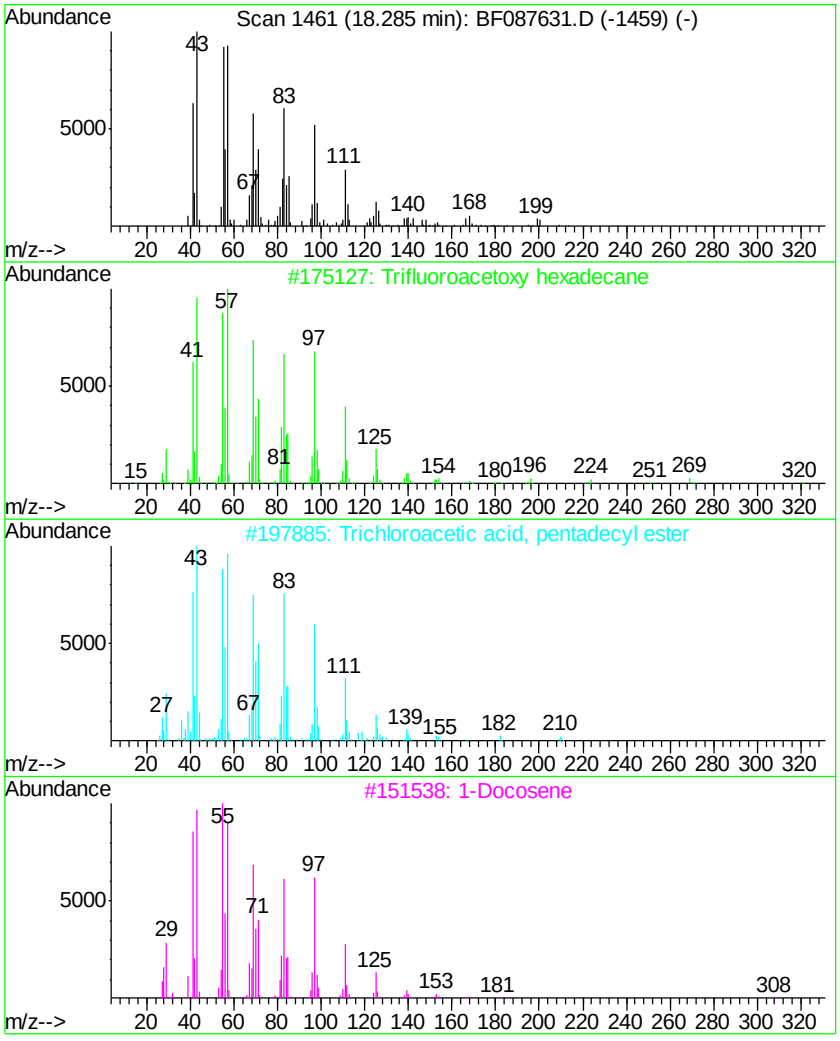
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

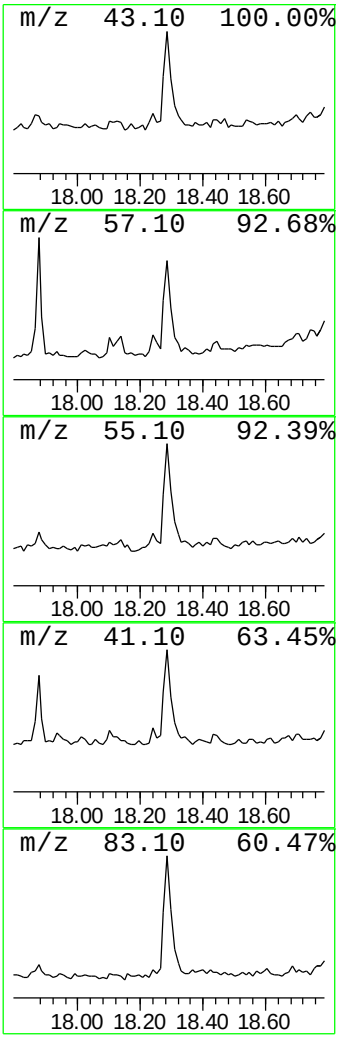
****

Peak Number 19 Trifluoroacetoxy hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.25 ng	145879	Chrysene-d12	18.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	1-Docosene	308	C22H44	001599-67-3	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

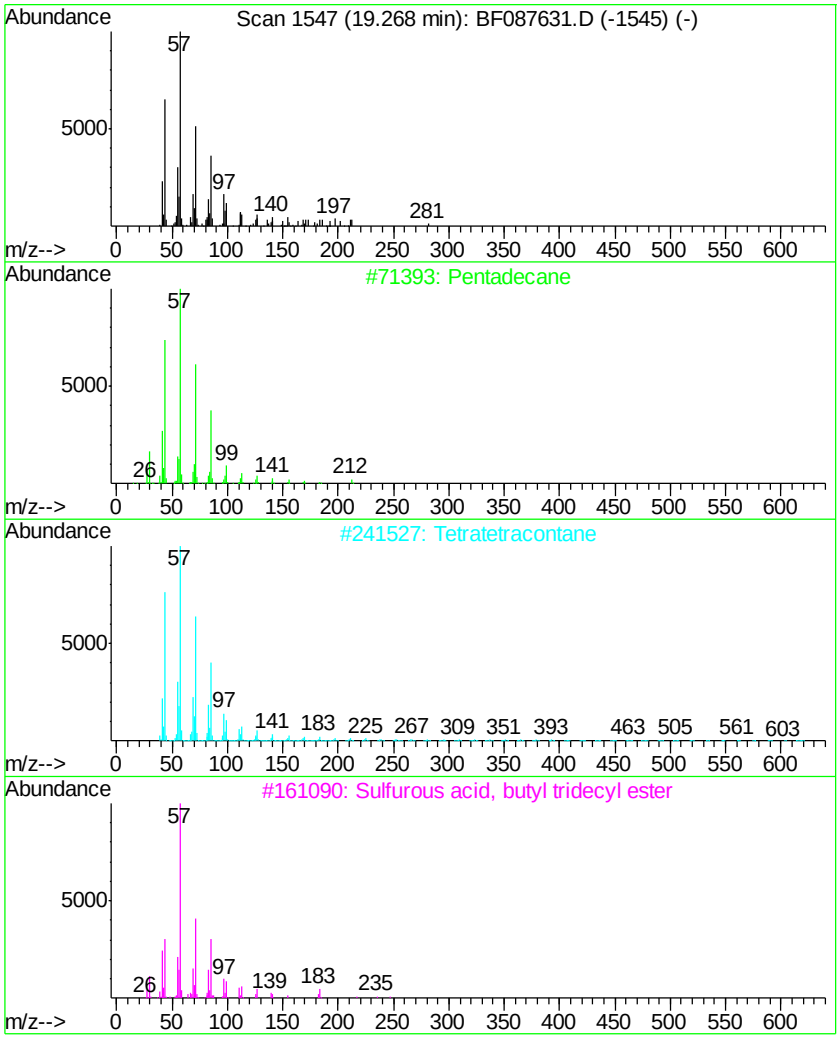
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

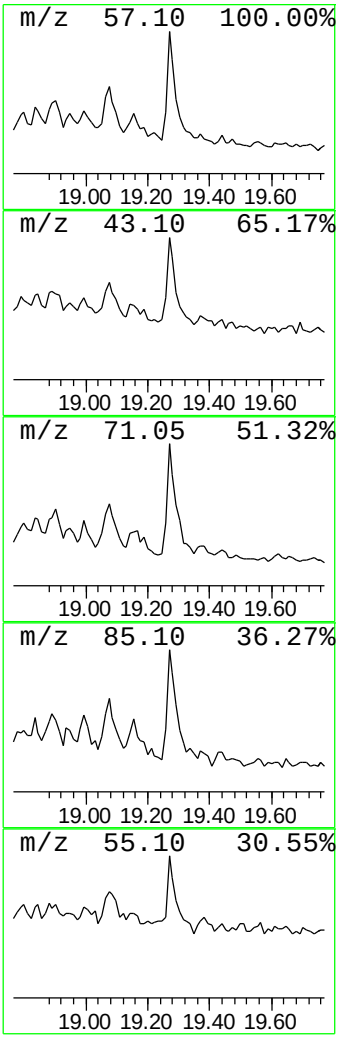
****

Peak Number 20 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.04 ng	94107	Perylene-d12	20.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087631.D
Acq On : 1 Jun 2016 23:10
Operator : UM/SJ
Sample : H3349-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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...	4.67	3.5	ng	153875	1	7.42	874646	20.0
unknown7.07	7.07	86.9	ng	3798690	1	7.42	874646	20.0
unknown7.21	7.21	3.0	ng	129714	1	7.42	874646	20.0
o-Cymene	8.67	3.3	ng	173912	2	9.45	1059710	20.0
unknown8.80	8.80	4.3	ng	229607	2	9.45	1059710	20.0
Hexanoic acid, 3,...	8.94	4.7	ng	247068	2	9.45	1059710	20.0
Benzene, 2-etheny...	9.05	7.2	ng	380799	2	9.45	1059710	20.0
Naphthalene, 1,2,...	10.52	2.2	ng	118950	2	9.45	1059710	20.0
Indole	10.60	3.5	ng	187189	2	9.45	1059710	20.0
Pyrazole, 4-amino...	12.83	2.1	ng	130087	3	12.27	1213670	20.0
N-Cyclohexyl-2-py...	13.03	2.6	ng	159578	3	12.27	1213670	20.0
unknown13.74	13.74	2.4	ng	138593	4	14.67	1140960	20.0
Hexadecane	13.87	3.3	ng	186437	4	14.67	1140960	20.0
2(3H)-Benzothiazo...	13.92	6.2	ng	351098	4	14.67	1140960	20.0
Benzenesulfonamid...	14.62	5.3	ng	303535	4	14.67	1140960	20.0
n-Hexadecanoic acid	15.68	3.9	ng	220674	4	14.67	1140960	20.0
Ethanol, 2-[2-[4-...	16.78	4.2	ng	187219	5	18.40	898468	20.0
Trifluoroacetoxy ...	18.29	3.3	ng	145879	5	18.40	898468	20.0
Pentadecane	19.27	3.0	ng	94107	6	20.09	618893	20.0