LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF081616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.667	6	7	16	rVV	1486494	2706383	8.66%	1.174%
2	1.792	16	18	80	rVB	12338384	31245962	100.00%	13.549%
3	4.844	282	285	289	rBV	1302958	1810740	5.80%	0.785%
4	5.279	320	323	325	rBV	9066439	8894569	28.47%	3.857%
5	5.701	357	360	361	rBV	219107	324707	1.04%	0.141%
6	6.330	412	415	417	rBV	6471207	6239874	19.97%	2.706%
7	6.467	424	427	429	rBV	13804842	15776815	50.49%	6.841%
8	6.696	445	447	449	rBV	5255554	4846411	15.51%	2.102%
9	6.856	458	461	463	rBV	14201742	13154763	42.10%	5.704%
10	7.267	493	497	499	rBV	10184802	11470020	36.71%	4.974%
11	7.736	534	538	540	rBV2	362286	681690	2.18%	0.296%
12	7.930	547	555	557	rBV3	264985	730187	2.34%	0.317%
13	7.987	557	560	562	rVB	7107193	6939890	22.21%	3.009%
14	8.250	582	583	586	rVV	1081976	1376174	4.40%	0.597%
15	8.319	588	589	591	rVV2	417684	557671	1.78%	0.242%
16	8.365	591	593	595	rVB3	312223	523781	1.68%	0.227%
17	8.445	595	600	603	rBV5	234215	534028	1.71%	0.232%
18	8.513	603	606	608	rBV2	1112614	1537795	4.92%	0.667%
19	8.570	608	611	617	rVB2	1786540	2618640	8.38%	1.136%
20	8.730	620	625	628	rBV7	374619	1022339	3.27%	0.443%
21	8.799	628	631	632	rBV2	610775	713616	2.28%	0.309%
22	8.856	632	636	637	rBV2	437512	832182	2.66%	0.361%
23	8.890	637	639	641	rVB2	347428	552542	1.77%	0.240%
24	8.936	641	643	645	rBV	960011	1387278	4.44%	0.602%
25	8.982	645	647	649	rVB3	631023	832610	2.66%	0.361%
26	9.073	651	655	656	rVB	18154777	21569375	69.03%	9.353%
27	9.176	659	664	667	rBV3	710294	1709107	5.47%	0.741%
28	9.222	667	668	672	rVB2	477501	620637	1.99%	0.269%
29	9.325	672	677	678	rBV	1653240	2223467	7.12%	0.964%
30	9.382	678	682	687	rBV4	1046507	2993690	9.58%	1.298%
31	9.462	687	689	690	rBV	1279153	1069807	3.42%	0.464%
32	9.553	695	697	699	rVB2	361737	361821	1.16%	0.157%
33	9.599	699	701	703	rVB2	477623	658719	2.11%	0.286%
34	9.645	703	705	708	rBV2	489377	1025654	3.28%	0.445%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF081616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.736	710	713	716	rVB	7986074	8570282	27.43%	3.716%
36	9.828	719	721	724	rBV2	1575067	2265525	7.25%	0.982%
37	9.873	724	725	726	rVV	1110994	879668	2.82%	0.381%
38	9.896	726	727	730	rVB2	484452	682372	2.18%	0.296%
39	9.942	730	731	734	rVB3	317477	380603	1.22%	0.165%
40	10.022	737	738	739	rBV	325657	369491	1.18%	0.160%
41	10.056	739	741	743	rVB2	718032	631427	2.02%	0.274%
42	10.159	749	750	752	rBV	410134	635521	2.03%	0.276%
43	10.296	760	762	764	rBV3	526856	695139	2.22%	0.301%
44	10.330	764	765	768	rVV2	866580	1094371	3.50%	0.475%
45	10.388	768	770	772	rVV2	362940	450183	1.44%	0.195%
46	10.433	772	774	776	rVV2	370228	561555	1.80%	0.244%
47	10.525	778	782	789	rVV	10533097	14254171	45.62%	6.181%
48	10.639	789	792	796	rVV3	1076413	1925250	6.16%	0.835%
49	10.730	798	800	806	rVB6	388075	873487	2.80%	0.379%
50	10.879	809	813	815	rBV4	337064	791504	2.53%	0.343%
51	10.936	815	818	820	rVV2	661141	1111142	3.56%	0.482%
52	11.005	823	824	826	rBV2	655499	634452	2.03%	0.275%
53	11.165	837	838	840	rBV2	810098	1243212	3.98%	0.539%
54	11.211	840	842	844	rVB2	5874572	6902528	22.09%	2.993%
55	11.268	844	847	849	rVB	1260178	1762747	5.64%	0.764%
56	11.325	849	852	853	rBV	884205	933966	2.99%	0.405%
57	11.542	869	871	873	rBV2	244412	394267	1.26%	0.171%
58	11.599	874	876	879	rVB	888062	965098	3.09%	0.418%
59	11.656	879	881	882	rBV	274165	399130	1.28%	0.173%
60	11.771	888	891	894	rBV3	1679801	2464405	7.89%	1.069%
61	11.965	906	908	909	rBV	231109	315227	1.01%	0.137%
62	12.251	930	933	934	rBV2	211671	340890	1.09%	0.148%
63	12.559	958	960	962	rBV2	819225	1316680	4.21%	0.571%
64	12.811	979	982	984	rBV	13211879	15965118	51.09%	6.923%
65	13.016	998	1000	1008	rVB2	200115	475522	1.52%	0.206%
66	13.737	1061	1063	1068	rVB	347793	431735	1.38%	0.187%
67	13.851	1071	1073	1076	rBV	6015445	5842668	18.70%	2.534%
68	15.291	1196	1199	1202	rBV	3969674	4509269	14.43%	1.955%

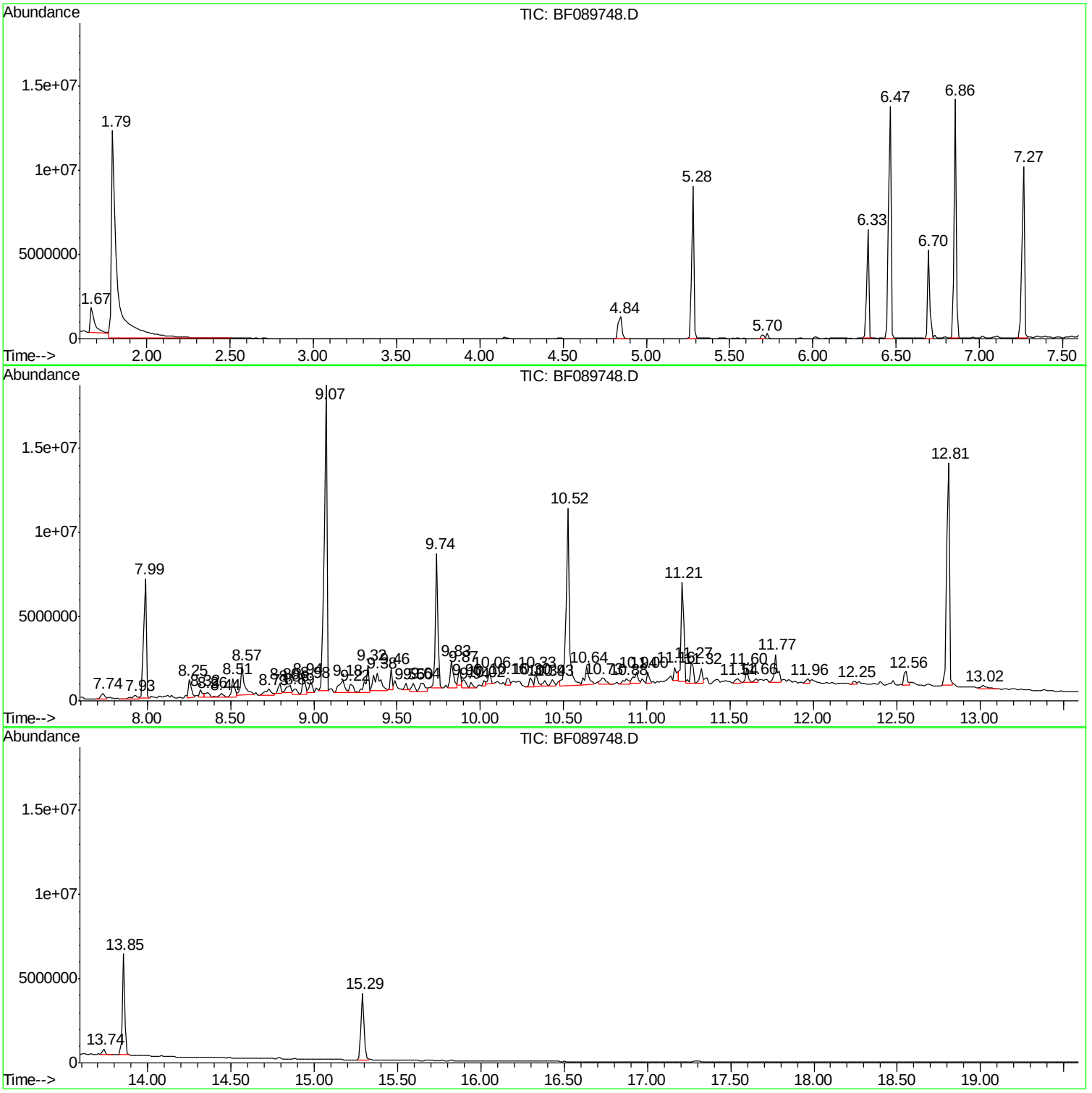
Sum of corrected areas: 230611549

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

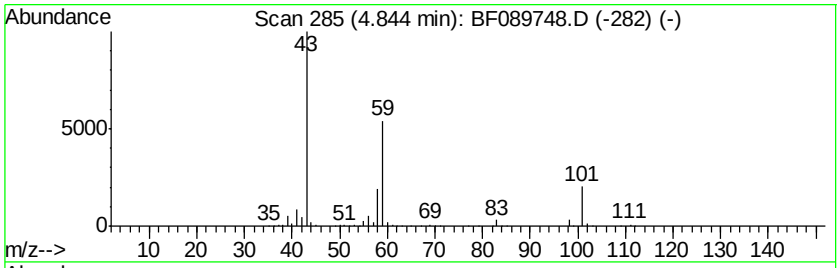
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

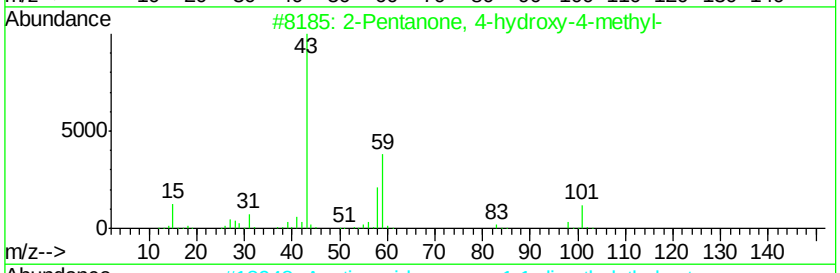
****

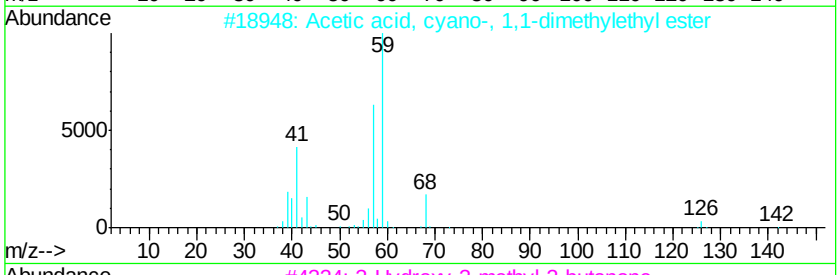
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

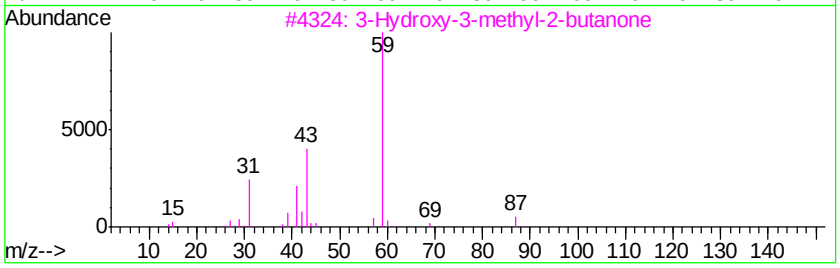
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	7.47 ng	1810740	1,4-Dichlorobenzene-d4	6.70

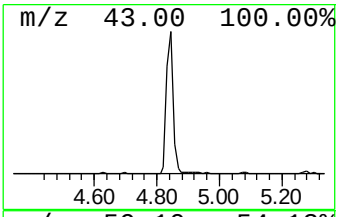
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

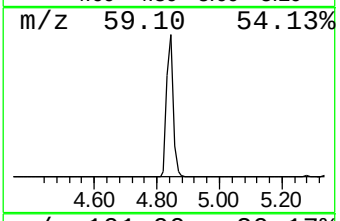


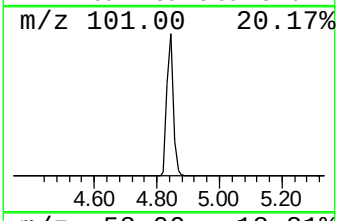


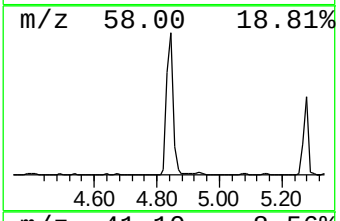


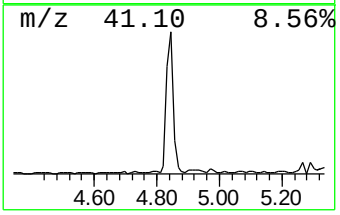












Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

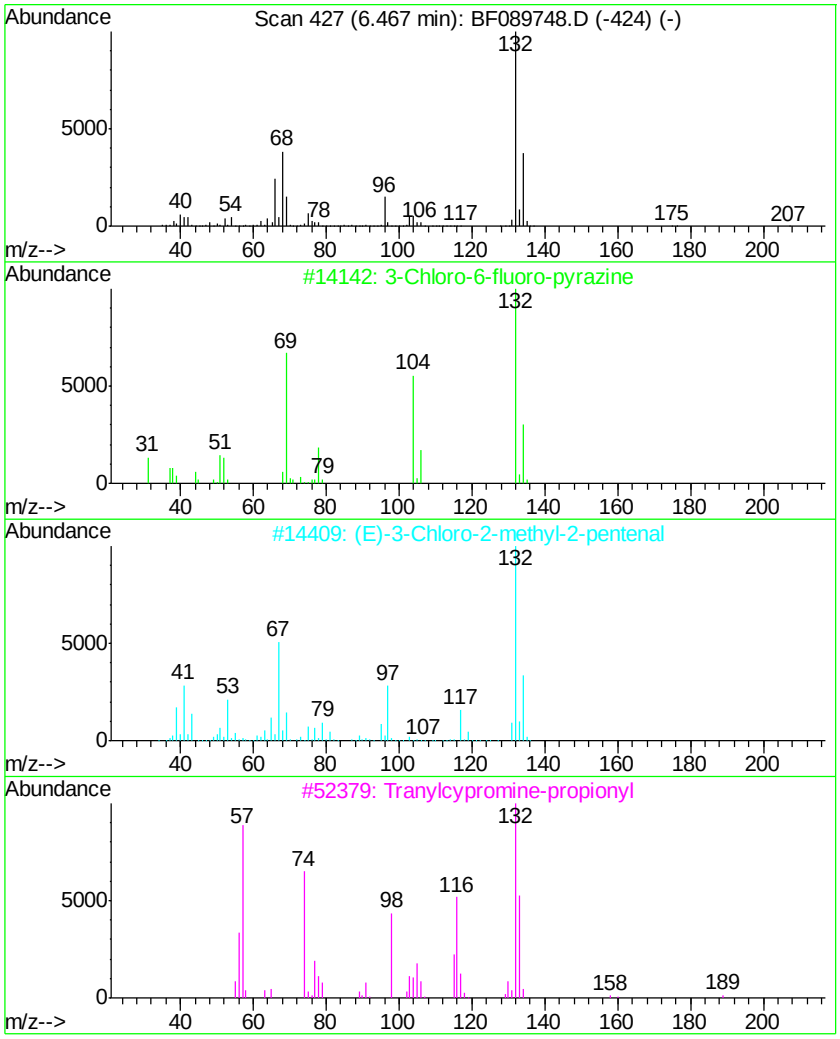
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

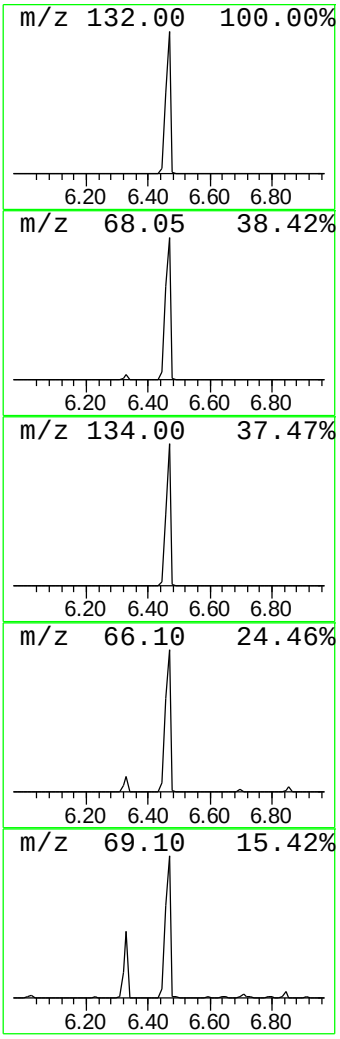
****

Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	65.11 ng	15776800	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

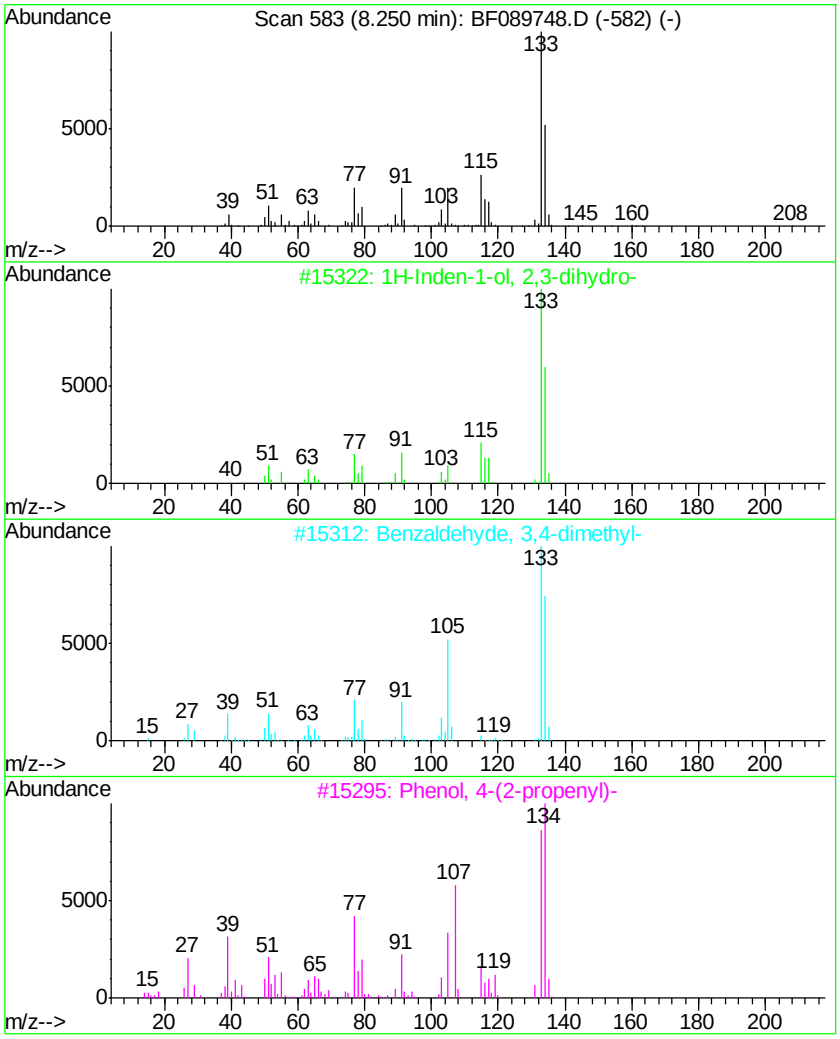
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

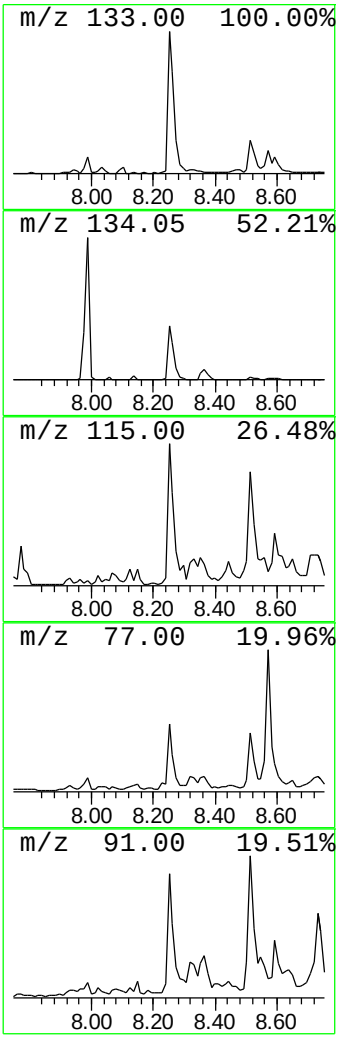
****

Peak Number 6 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	3.97 ng	1376170	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	93
2	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	70
3	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	52
4	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	47
5	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	018217-82-8	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

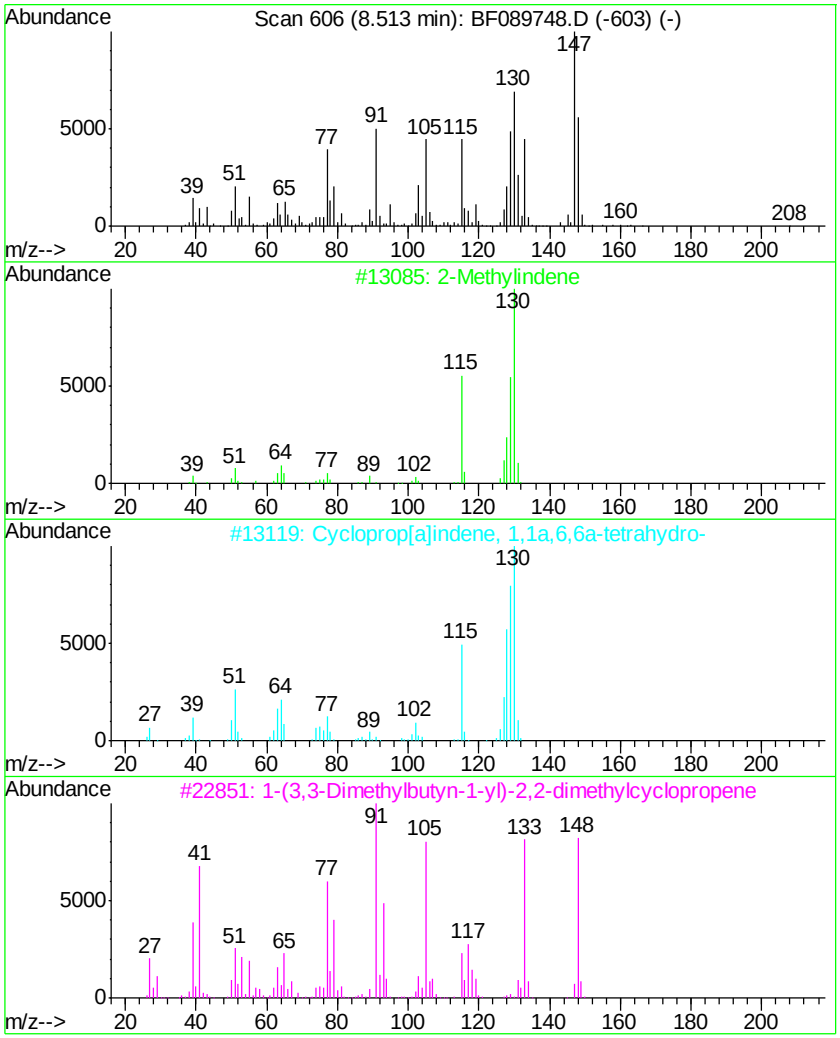
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

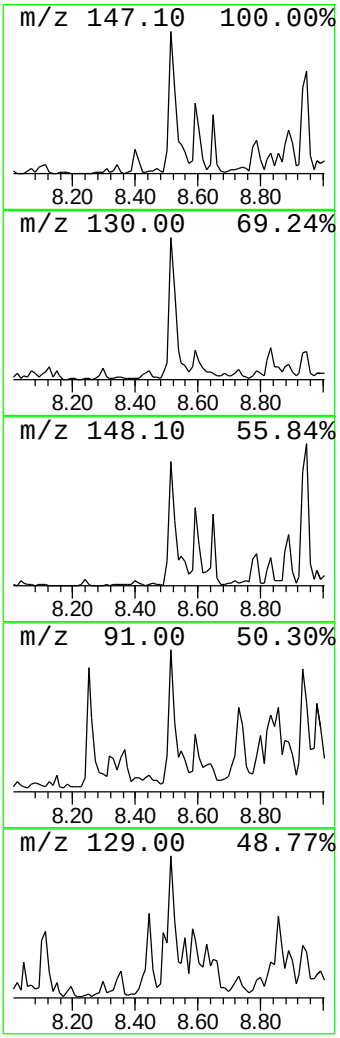
****

Peak Number 7 unknown8.51 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	4.43 ng	1537800	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	38
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	38
3	1-(3,3-Dimethylbutyn-1-yl)-2,2-d...	148	C11H16	1000222-04-6	25
4	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	25
5	Pyrazine, 3,5-dimethyl-2-(2-prop...	148	C9H12N2	055138-70-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

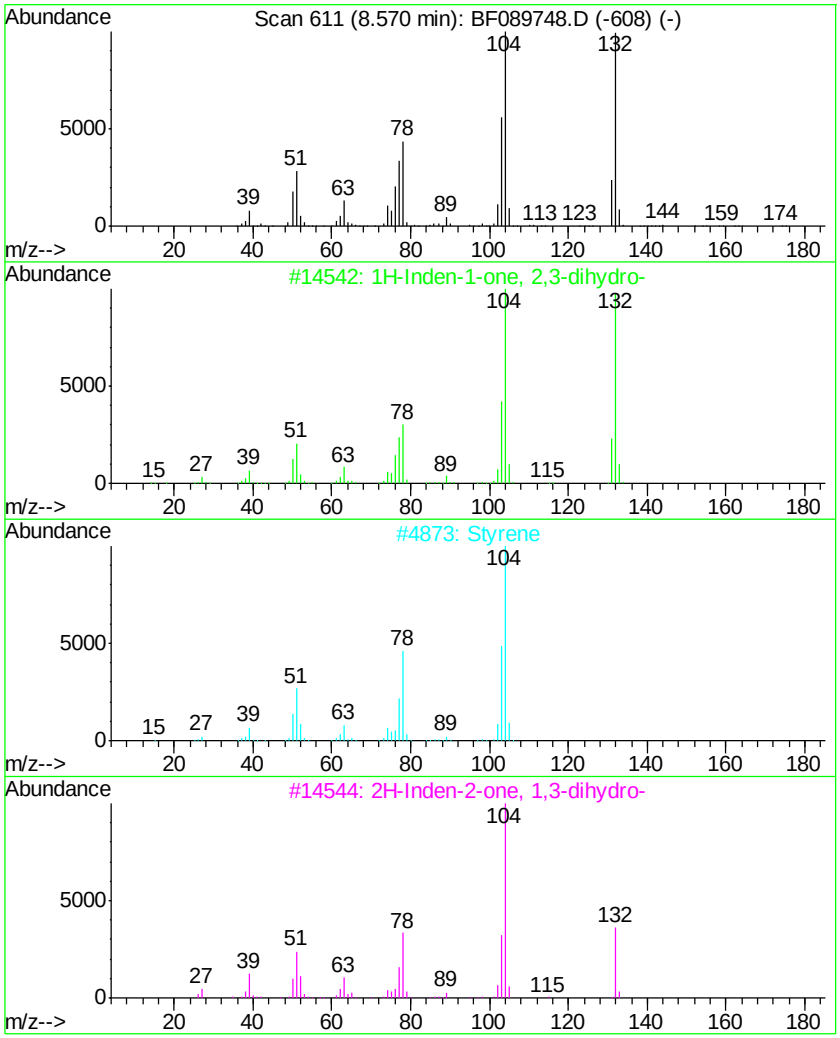
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

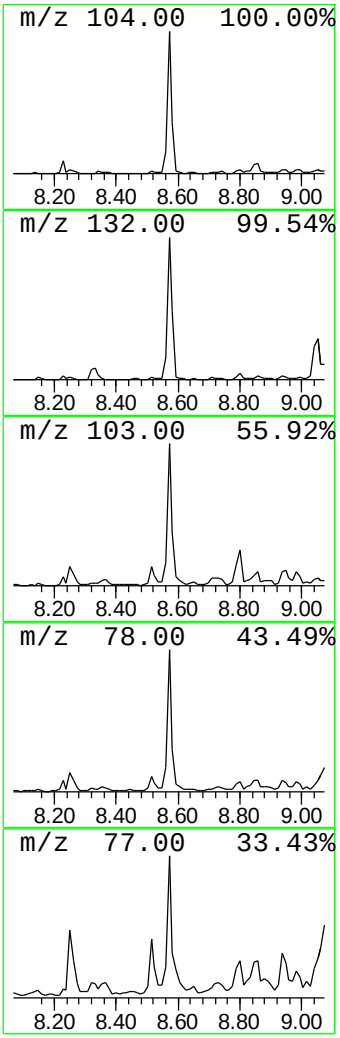
****

Peak Number 8 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	7.55 ng	2618640	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	Styrene	104	C8H8	000100-42-5	91
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

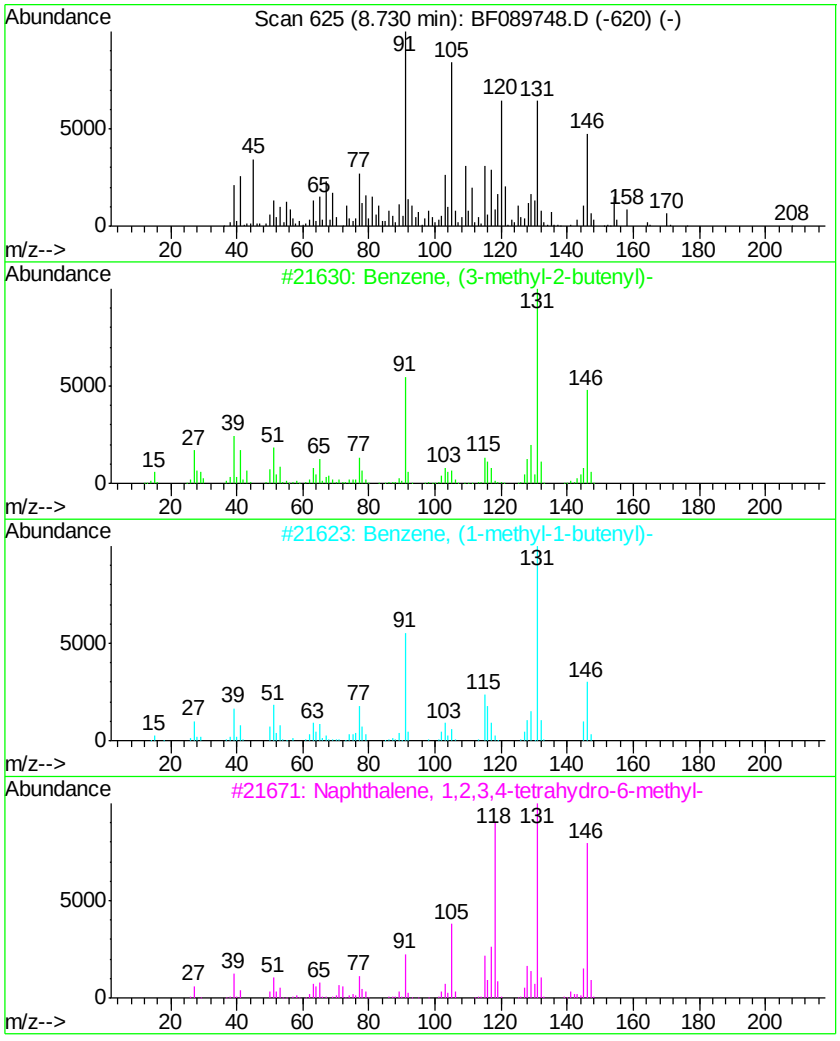
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

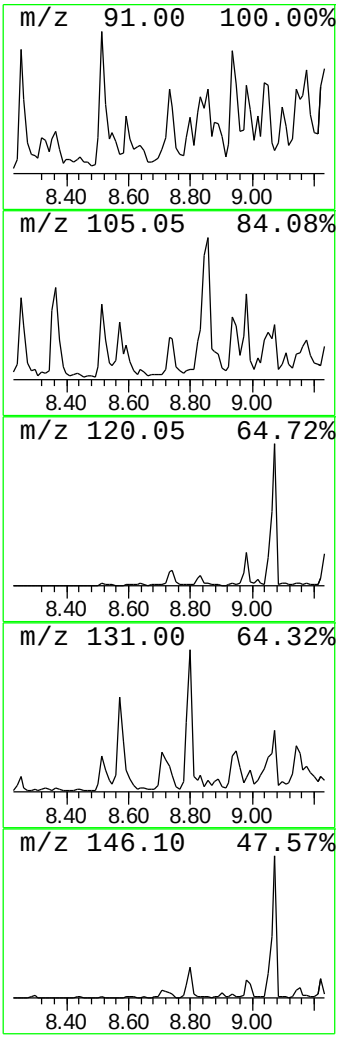
****

Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.95 ng	1022340	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	43
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

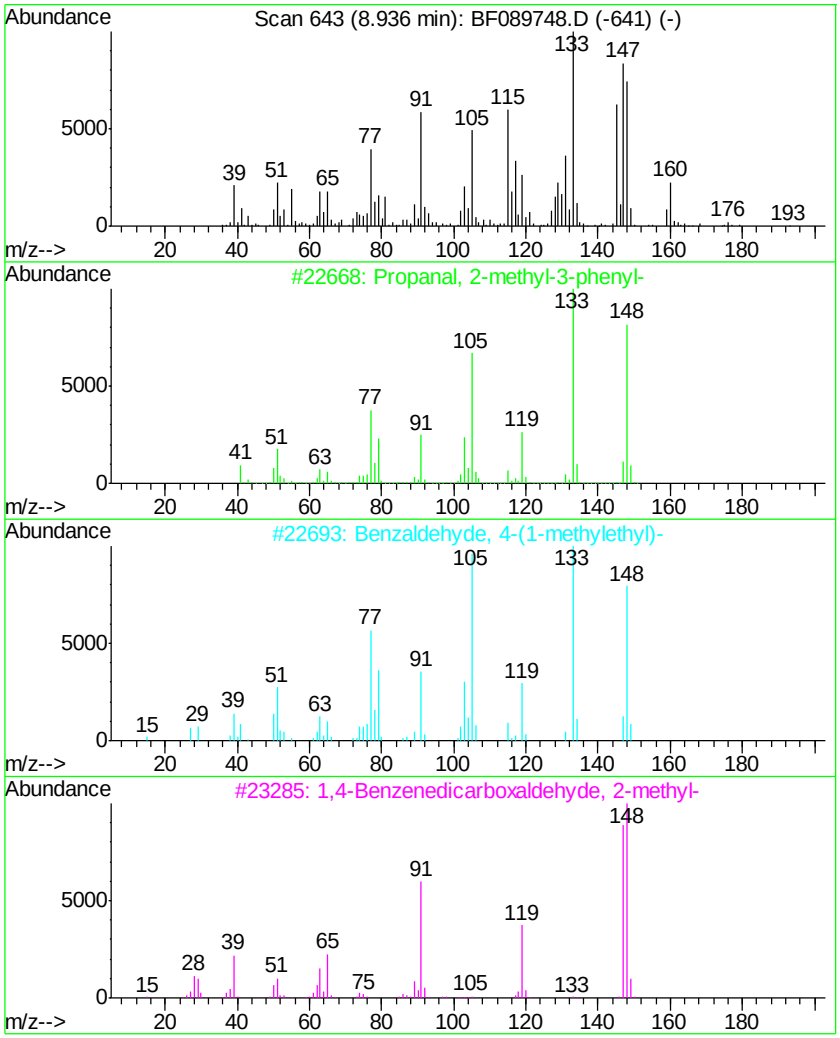
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

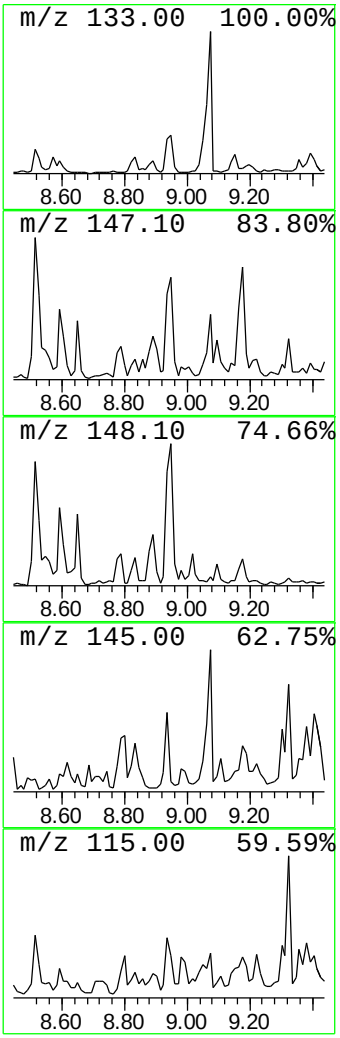
****

Peak Number 10 Propanal, 2-methyl-3-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	3.24 ng	1387280	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	86
2	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	53
3	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	42
4	Pyrrole-3-carbonitrile, 5-formyl...	148	C8H8N2O	032487-71-1	42
5	Pyrazine, 3,5-dimethyl-2-(1-prop...	148	C9H12N2	055138-78-8	41





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

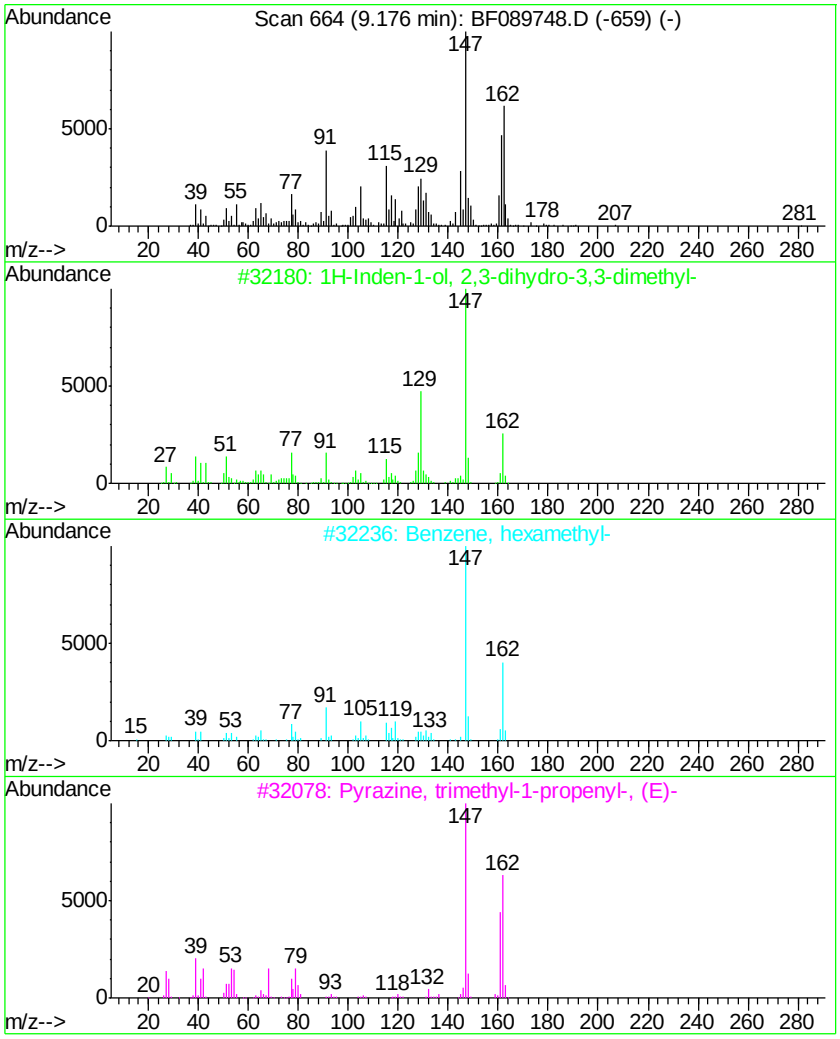
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

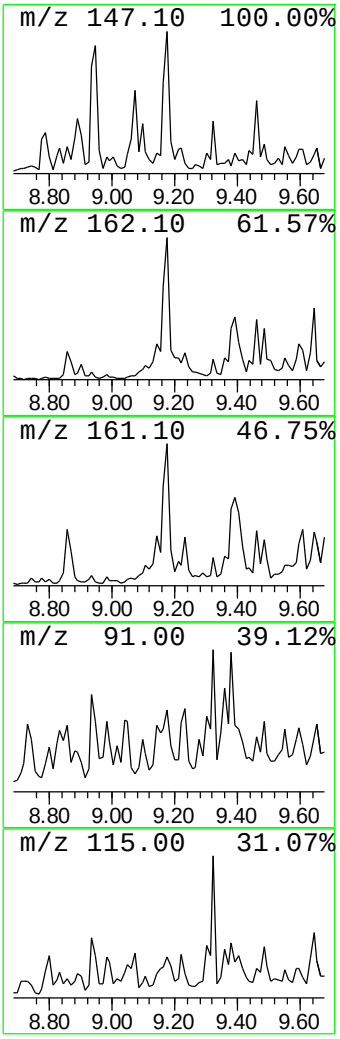
****

Peak Number 11 1H-Inden-1-ol, 2,3-dihydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.99 ng	1709110	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-3,3-d...	162	C11H14O	038393-92-9	64
2	Benzene, hexamethyl-	162	C12H18	000087-85-4	60
3	Pyrazine, trimethyl-1-propenyl-,...	162	C10H14N2	055138-79-9	58
4	Pyrazine, trimethyl-1-propenyl-,...	162	C10H14N2	055138-75-5	58
5	1,2,3,4-Tetrahydro-2,3-dimethylq...	162	C10H14N2	013311-77-8	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

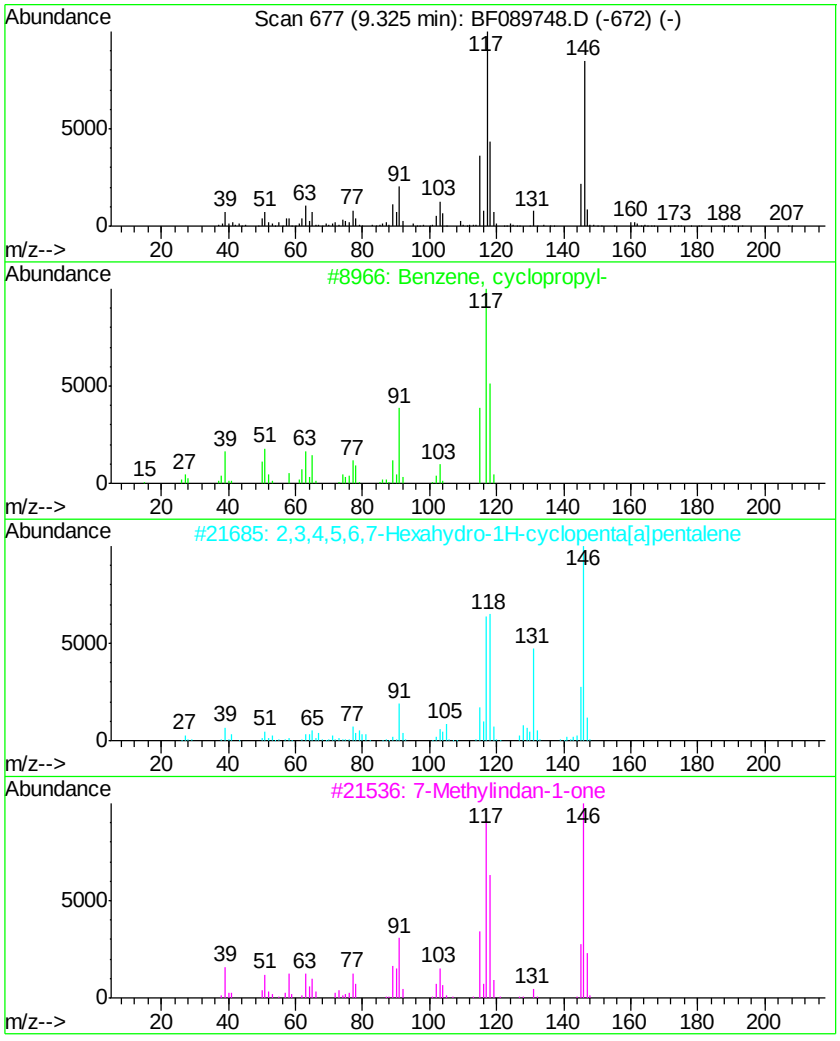
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

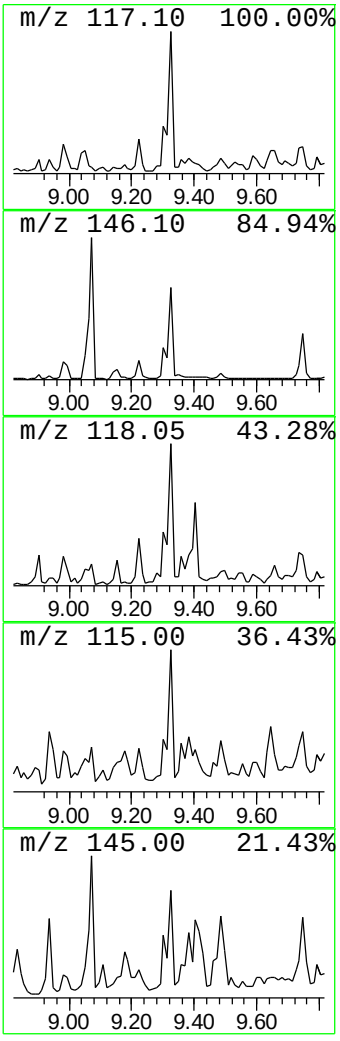
****

Peak Number 12 Benzene, cyclopropyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	5.19 ng	2223470	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	62
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
5	Indane	118	C9H10	000496-11-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

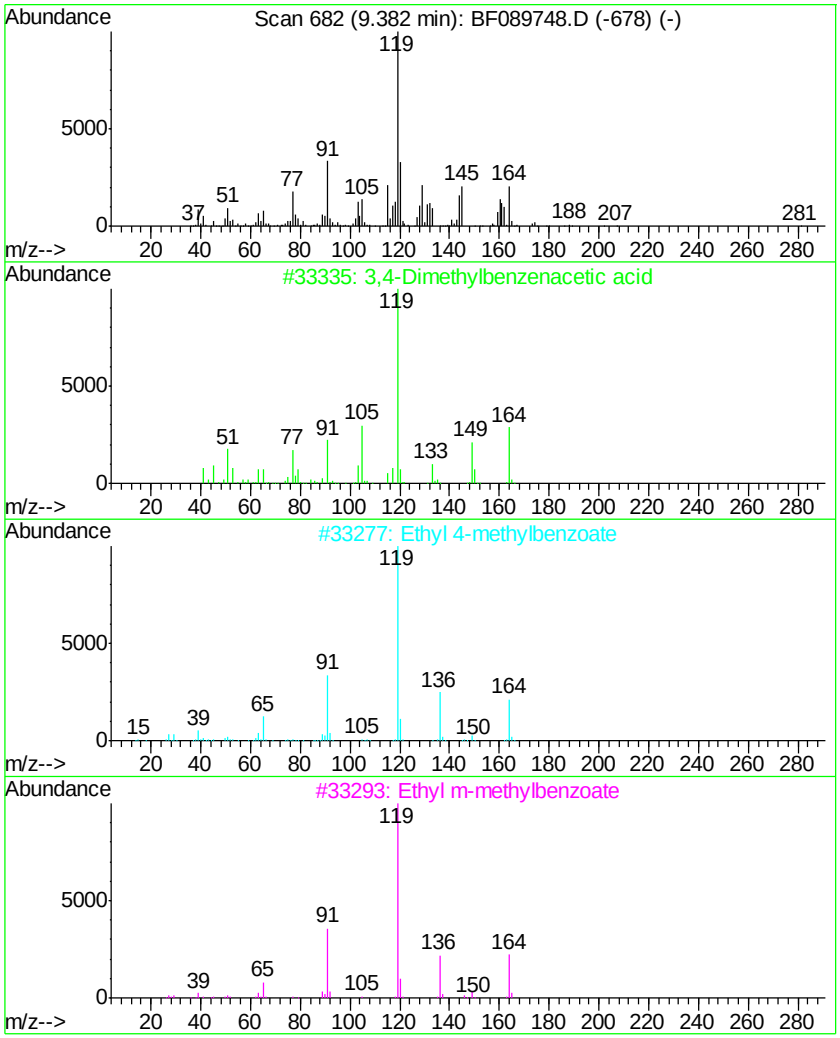
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

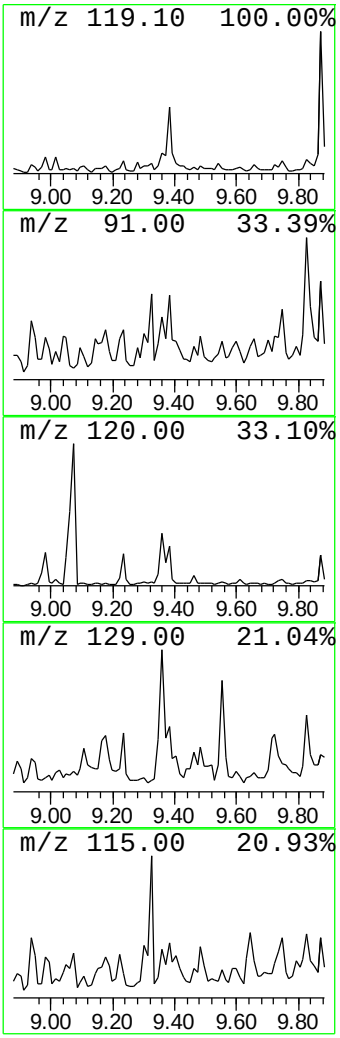
****

Peak Number 13 unknown9.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	6.99 ng	2993690	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	46
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	43
3	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	43
4	1,3,4,5-Tetrahydrobenzo[b][1,4]d...	162	C9H10N2O	1000306-61-0	43
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

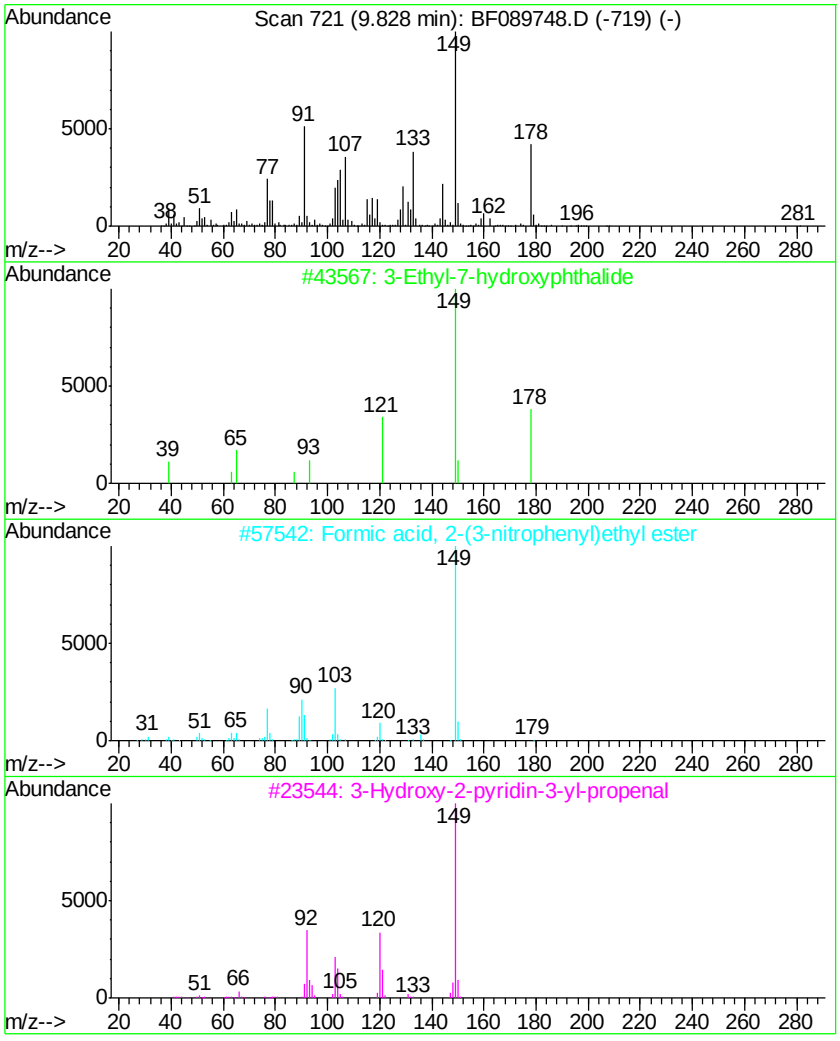
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

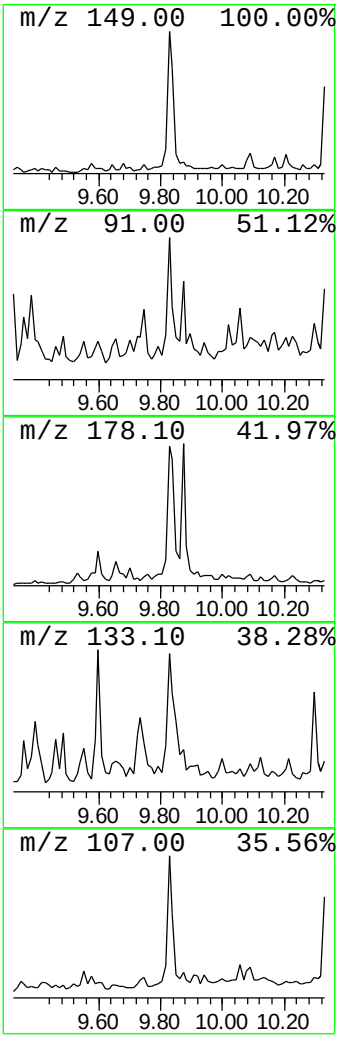
****

Peak Number 14 unknown9.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	5.29 ng	2265530	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	35
2	Formic acid, 2-(3-nitrophenyl)et...	195	C9H9NO4	1000368-22-2	27
3	3-Hydroxy-2-pyridin-3-yl-propenal	149	C8H7NO2	1000311-61-6	27
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	27
5	O-Nitroacetophenone oxime	180	C8H8N2O3	010342-62-8	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

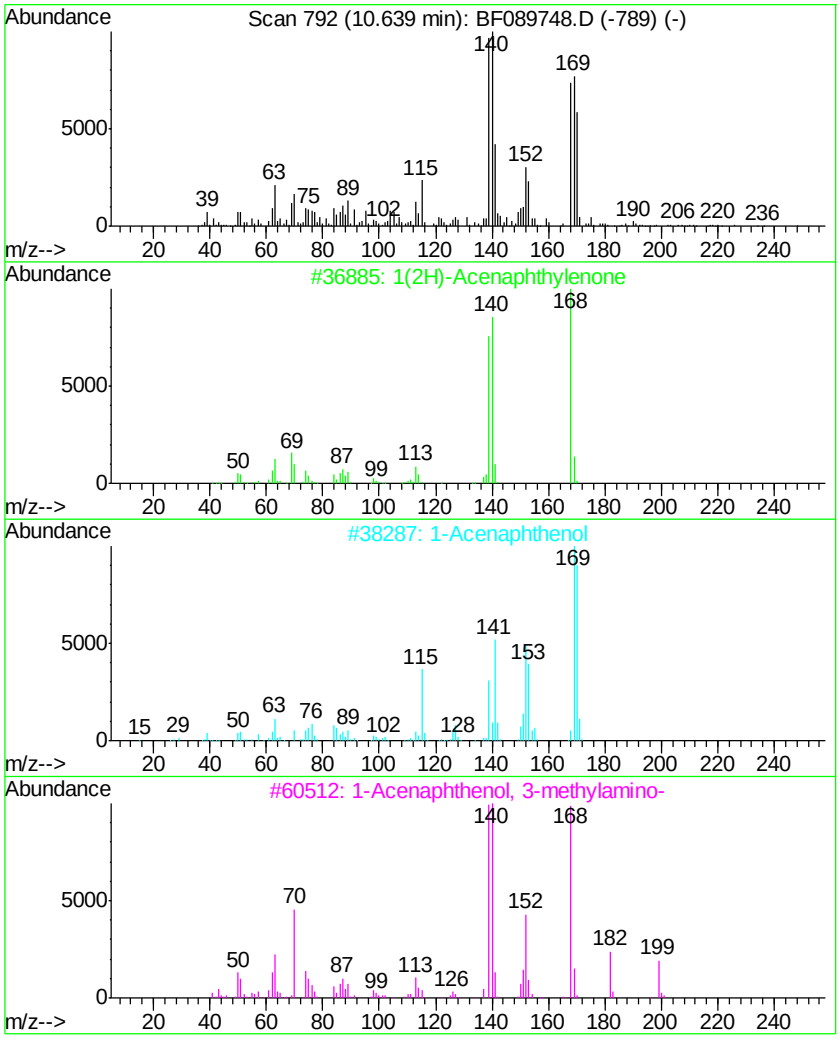
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

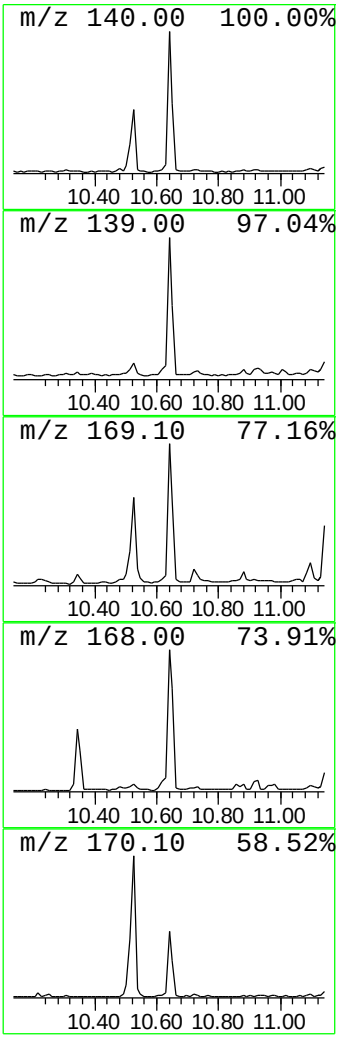
****

Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.58 ng	1925250	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	89
2	1-Acenaphthenol	170	C12H10O	006306-07-6	62
3	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	52
4	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	43
5	Benzene, 1-chloro-4-(1-methylpro...	168	C10H13Cl	036383-14-9	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

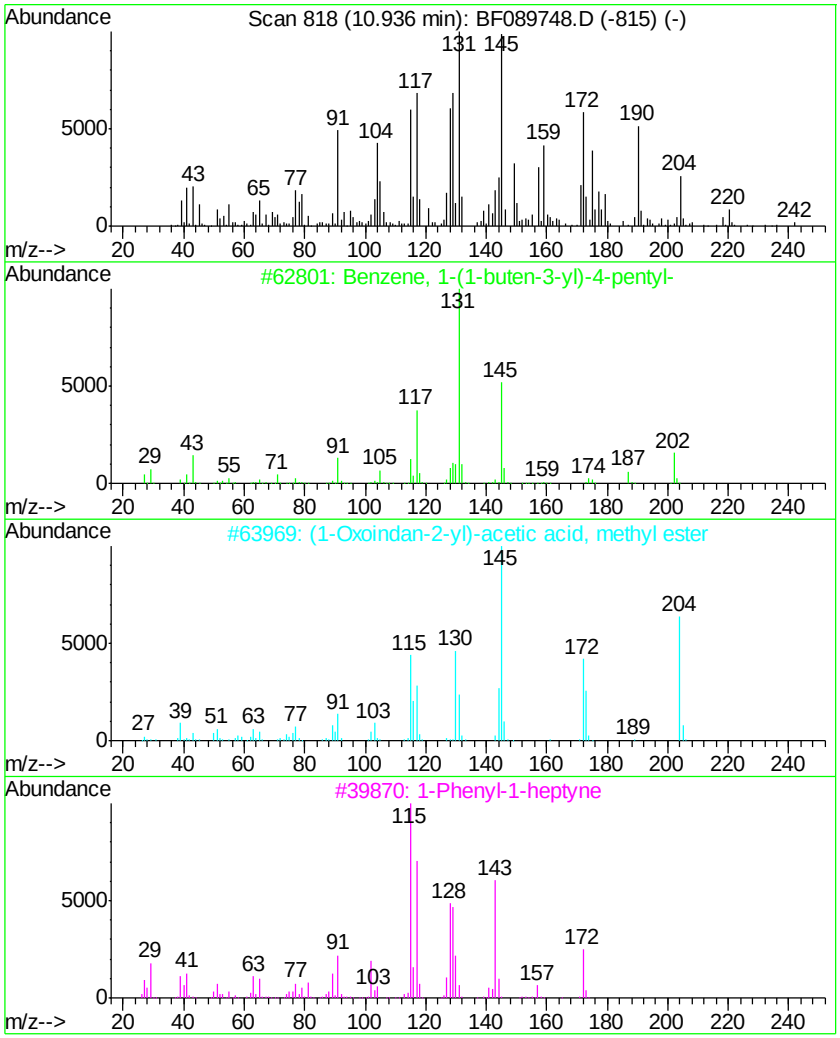
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

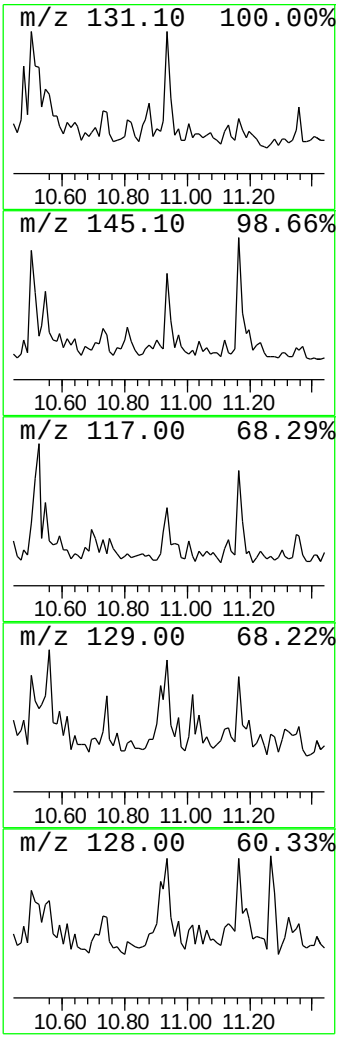
****

Peak Number 16 unknown10.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.22 ng	1111140	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-buten-3-yl)-4-pentyl-	202	C15H22	1000161-70-6	22
2	(1-Oxoindan-2-yl)-acetic acid, m...	204	C12H12O3	112635-25-3	20
3	1-Phenyl-1-heptyne	172	C13H16	014374-45-9	20
4	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	15
5	Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

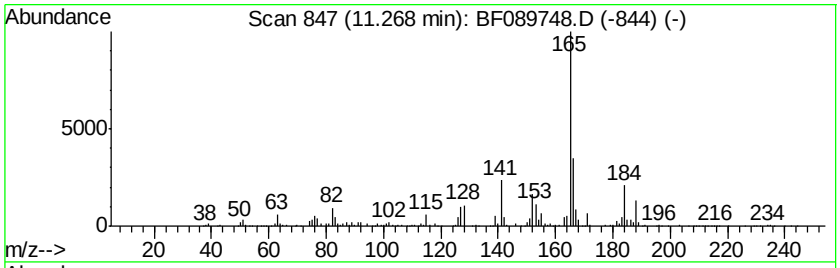
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

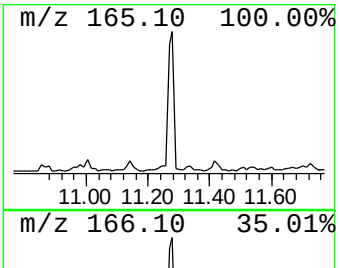
****

Peak Number 17 unknown11.27 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	5.11 ng	1762750	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-phenyl-...	226	C15H14O2	000954-67-6	47
2	10-t-Butyl-10-hydroxytricyclo[4....	222	C14H22O2	1000186-85-4	32
3	Benzene, 1-[(tert-butyldimethyls...	222	C13H22OSi	062790-85-6	32
4	2H-Cyclodeca[b]pyran, 3,4,5,6,7,...	208	C14H24O	074685-51-1	25
5	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

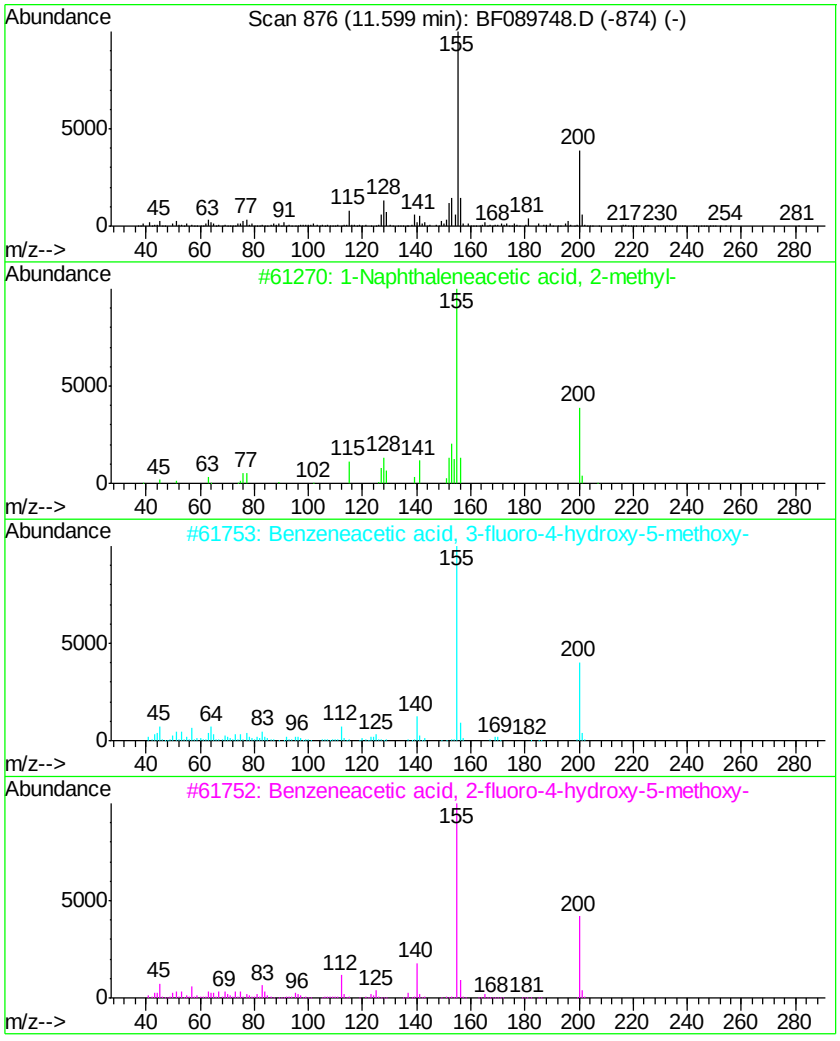
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

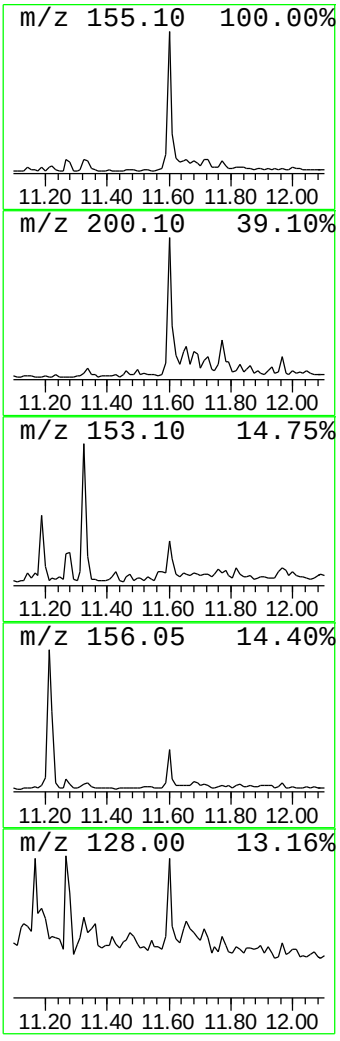
****

Peak Number 18 1-Naphthaleneacetic acid, 2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.80 ng	965098	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	90
2	Benzeneacetic acid, 3-fluoro-4-h...	200	C9H9FO4	114669-81-7	64
3	Benzeneacetic acid, 2-fluoro-4-h...	200	C9H9FO4	140146-47-0	59
4	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	58
5	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

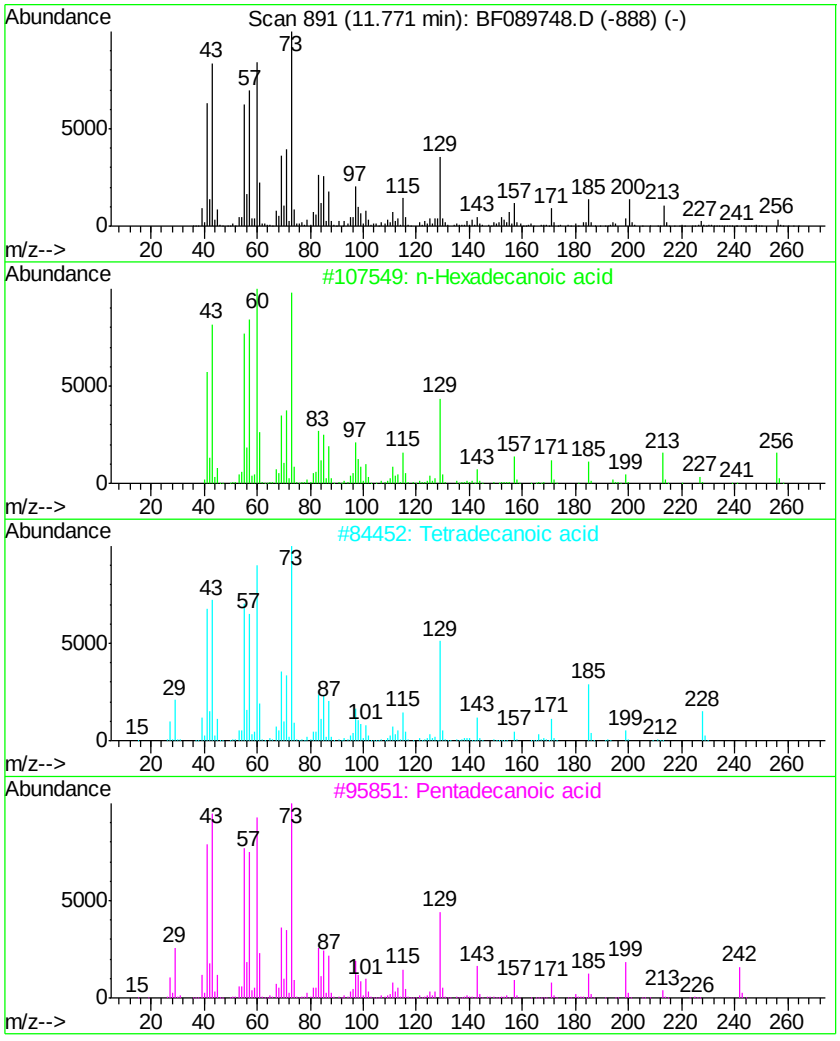
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

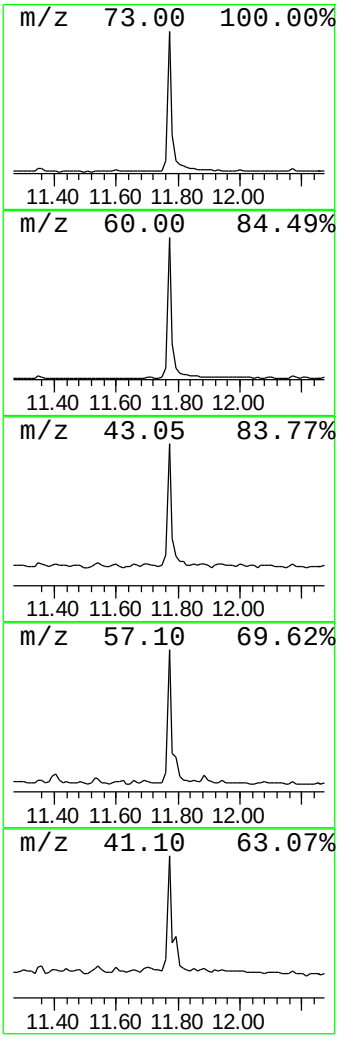
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.14 ng	2464410	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

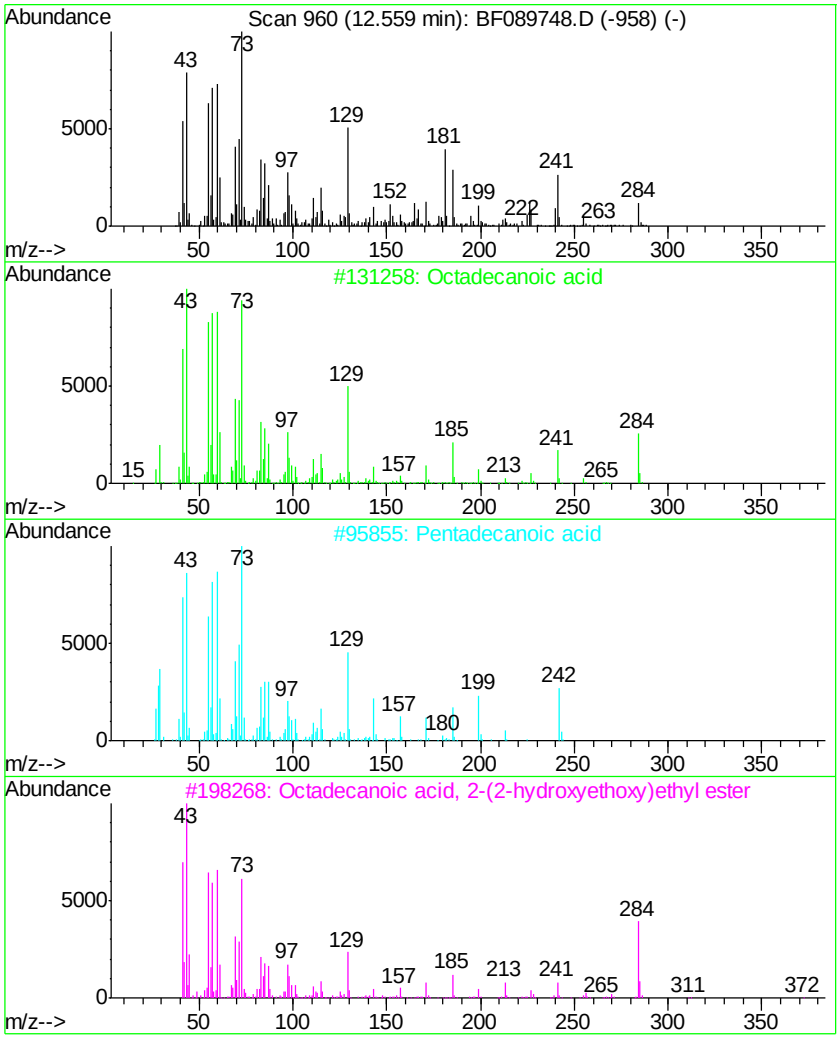
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

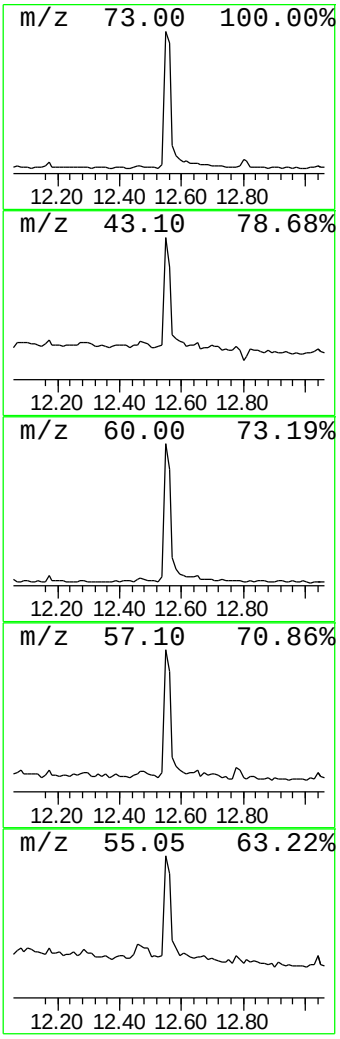
****

Peak Number 20 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.51 ng	1316680	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089748.D
Acq On : 17 Aug 2016 7:08
Operator : UM/SJ
Sample : H4399-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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...	4.84	7.5	ng	1810740	1	6.70	4846410	20.0
unknown6.47	6.47	65.1	ng	15776800	1	6.70	4846410	20.0
1H-Inden-1-ol, 2,...	8.25	4.0	ng	1376170	2	7.99	6939890	20.0
unknown8.51	8.51	4.4	ng	1537800	2	7.99	6939890	20.0
1H-Inden-1-one, 2...	8.57	7.5	ng	2618640	2	7.99	6939890	20.0
Benzene, (3-methy...	8.73	3.0	ng	1022340	2	7.99	6939890	20.0
Propanal, 2-methy...	8.94	3.2	ng	1387280	3	9.74	8570280	20.0
1H-Inden-1-ol, 2,...	9.18	4.0	ng	1709110	3	9.74	8570280	20.0
Benzene, cyclopro...	9.32	5.2	ng	2223470	3	9.74	8570280	20.0
unknown9.38	9.38	7.0	ng	2993690	3	9.74	8570280	20.0
unknown9.83	9.83	5.3	ng	2265530	3	9.74	8570280	20.0
1(2H)-Acenaphthyl...	10.64	5.6	ng	1925250	4	11.21	6902530	20.0
unknown10.94	10.94	3.2	ng	1111140	4	11.21	6902530	20.0
unknown11.27	11.27	5.1	ng	1762750	4	11.21	6902530	20.0
1-Naphthaleneacet...	11.60	2.8	ng	965098	4	11.21	6902530	20.0
n-Hexadecanoic acid	11.77	7.1	ng	2464410	4	11.21	6902530	20.0
Octadecanoic acid	12.56	4.5	ng	1316680	5	13.85	5842670	20.0