LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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	1416109	2577769	9.20%	0.988%
2	1.792	16	18	75	rVB	10821961	28014959	100.00%	10.734%
3	4.718	256	274	277	rBV	91880	388293	1.39%	0.149%
4	4.833	282	284	289	rBV	1117366	1426438	5.09%	0.547%
5	5.279	320	323	325	rVB	5213650	6522368	23.28%	2.499%
6	5.507	341	343	345	rBV	348898	384049	1.37%	0.147%
7	6.250	406	408	410	rVV	430641	324488	1.16%	0.124%
8	6.296	410	412	413	rVV	1244750	1110892	3.97%	0.426%
9	6.330	413	415	417	rVB	6170695	6416441	22.90%	2.459%
10	6.376	417	419	422	rBV	908519	1065150	3.80%	0.408%
11	6.456	424	426	429	rBV	8722094	10353685	36.96%	3.967%
12	6.696	445	447	449	rVB	5390623	4469274	15.95%	1.712%
13	6.753	450	452	454	rVV	1813021	2061457	7.36%	0.790%
14	6.856	458	461	462	rBV	8388483	8805262	31.43%	3.374%
15	6.879	462	463	465	rVV	3192795	2458233	8.77%	0.942%
16	6.959	468	470	471	rVV	2915146	2568243	9.17%	0.984%
17	6.982	471	472	474	rVV	334219	283184	1.01%	0.109%
18	7.027	474	476	480	rVV	1987844	2343058	8.36%	0.898%
19	7.096	480	482	485	rVB	462136	661282	2.36%	0.253%
20	7.267	492	497	500	rBV3	8690871	18895282	67.45%	7.240%
21	7.359	503	505	506	rVV2	467226	527036	1.88%	0.202%
22	7.393	506	508	509	rVV	642693	568254	2.03%	0.218%
23	7.473	513	515	519	rBV	2887644	6241242	22.28%	2.391%
24	7.553	519	522	524	rVB2	435497	609697	2.18%	0.234%
25	7.599	524	526	527	rBV	895446	823576	2.94%	0.316%
26	7.656	528	531	535	rVV	4614553	6450063	23.02%	2.471%
27	7.724	535	537	539	rVV2	9332693	10680558	38.12%	4.092%
28	7.770	539	541	543	rVV	970679	1290265	4.61%	0.494%
29	7.827	543	546	547	rVV3	1083655	1783036	6.36%	0.683%
30	7.862	547	549	551	rVB	1036595	1066114	3.81%	0.408%
31	7.987	557	560	563	rVB3	5958450	10672561	38.10%	4.089%
32	8.033	563	564	567	rVB2	1347091	1391182	4.97%	0.533%
33	8.079	567	568	570	rBV	656960	544530	1.94%	0.209%
34	8.147	572	574	575	rBV	371710	331414	1.18%	0.127%

LSC Area Percent Report

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Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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	8.182	575	577	579	rBV	878180	1088356	3.88%	0.417%
36	8.250	581	583	588	rVB2	5333859	7602707	27.14%	2.913%
37	8.376	590	594	595	rVB	1311091	1317995	4.70%	0.505%
38	8.422	595	598	599	rBV	508299	781278	2.79%	0.299%
39	8.456	599	601	603	rVB	984687	850319	3.04%	0.326%
40	8.513	603	606	610	rBV3	2809946	4482938	16.00%	1.718%
41	8.570	610	611	613	rVB2	1542541	1548204	5.53%	0.593%
42	8.650	613	618	620	rVB4	709059	929170	3.32%	0.356%
43	8.696	620	622	628	rBV3	1940848	3385436	12.08%	1.297%
44	8.799	628	631	633	rVB	3612862	3938847	14.06%	1.509%
45	8.867	633	637	641	rVB5	702962	1725507	6.16%	0.661%
46	8.925	641	642	645	rVB2	471171	506380	1.81%	0.194%
47	8.982	645	647	649	rVB2	642429	750158	2.68%	0.287%
48	9.073	651	655	656	rVB	13559316	19304660	68.91%	7.397%
49	9.153	656	662	665	rBV6	265698	677248	2.42%	0.259%
50	9.222	665	668	670	rBV3	470940	572869	2.04%	0.220%
51	9.313	673	676	679	rBV4	648152	1535316	5.48%	0.588%
52	9.393	681	683	684	rBV2	642015	539583	1.93%	0.207%
53	9.462	687	689	692	rBV	779820	819587	2.93%	0.314%
54	9.553	696	697	699	rVB	334421	343927	1.23%	0.132%
55	9.690	707	709	710	rBV	294709	298957	1.07%	0.115%
56	9.736	710	713	715	rVB	7456134	6795975	24.26%	2.604%
57	9.850	719	723	725	rBV2	1062643	1972132	7.04%	0.756%
58	10.193	751	753	754	rVV	231233	408264	1.46%	0.156%
59	10.216	754	755	758	rVV	1129206	1142514	4.08%	0.438%
60	10.525	778	782	784	rBV	10082011	12535867	44.75%	4.803%
61	10.948	818	819	824	rBV	224237	304302	1.09%	0.117%
62	11.211	839	842	844	rBV	7365430	6585098	23.51%	2.523%
63	11.759	888	890	901	rVB2	964679	1214314	4.33%	0.465%
64	12.548	957	959	966	rBV	1627931	1832163	6.54%	0.702%
65	12.811	978	982	984	rBV	13704108	19354202	69.09%	7.416%
66	13.851	1070	1073	1076	rBV	6512439	6338297	22.62%	2.429%
67	15.291	1195	1199	1201	rBV	3849002	5393679	19.25%	2.067%

Sum of corrected areas: 260985584

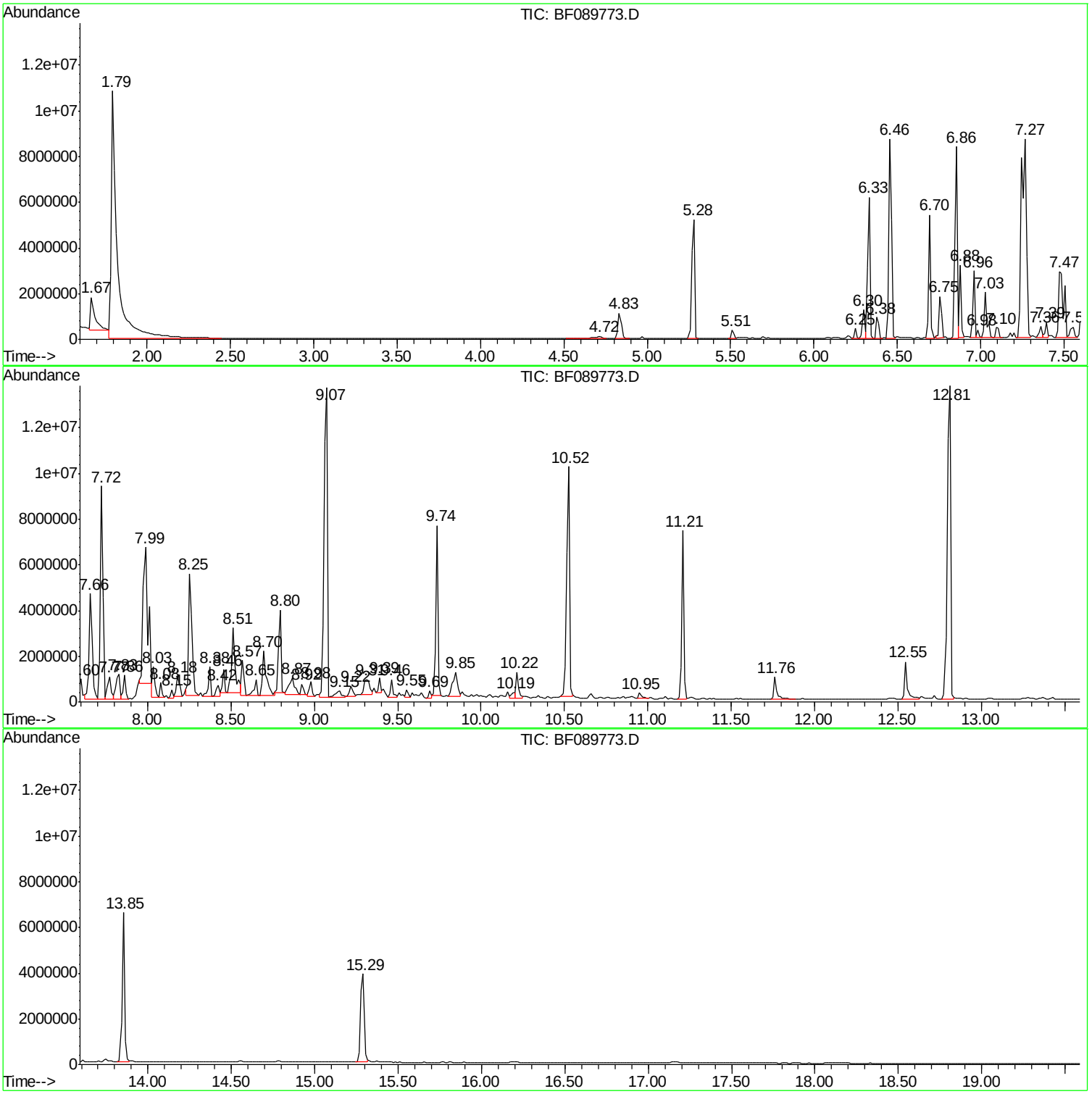
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
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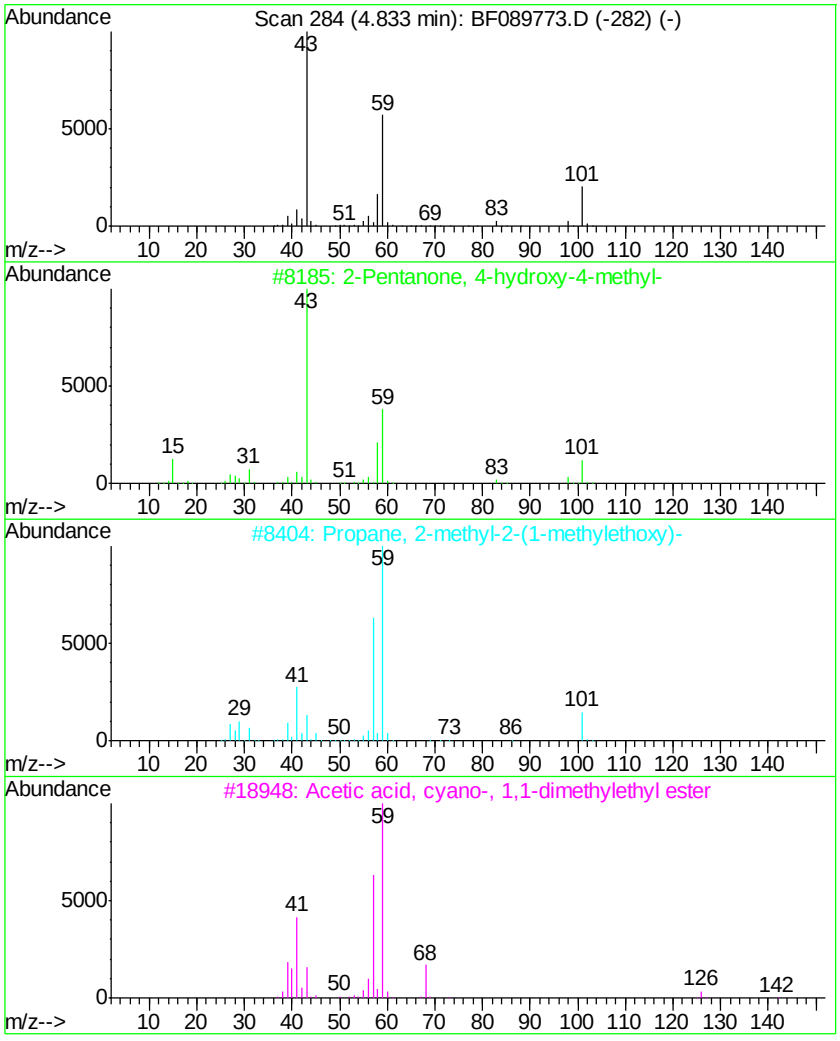
TIC Integration Parameters: LSCINT.P

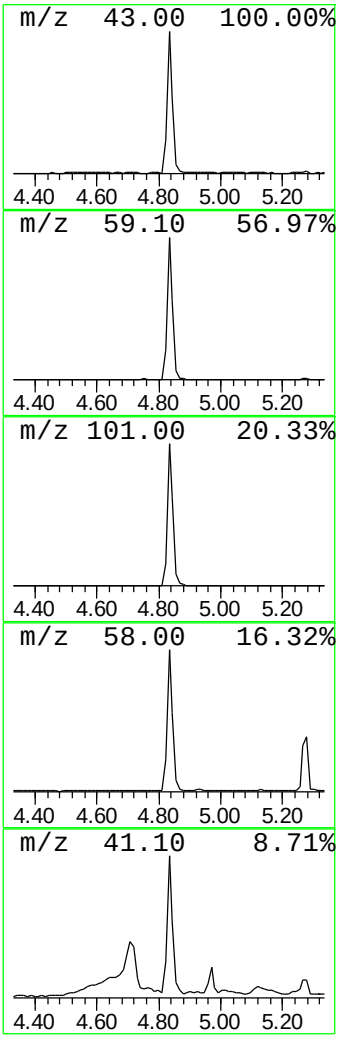
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	6.38 ng	1426440	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

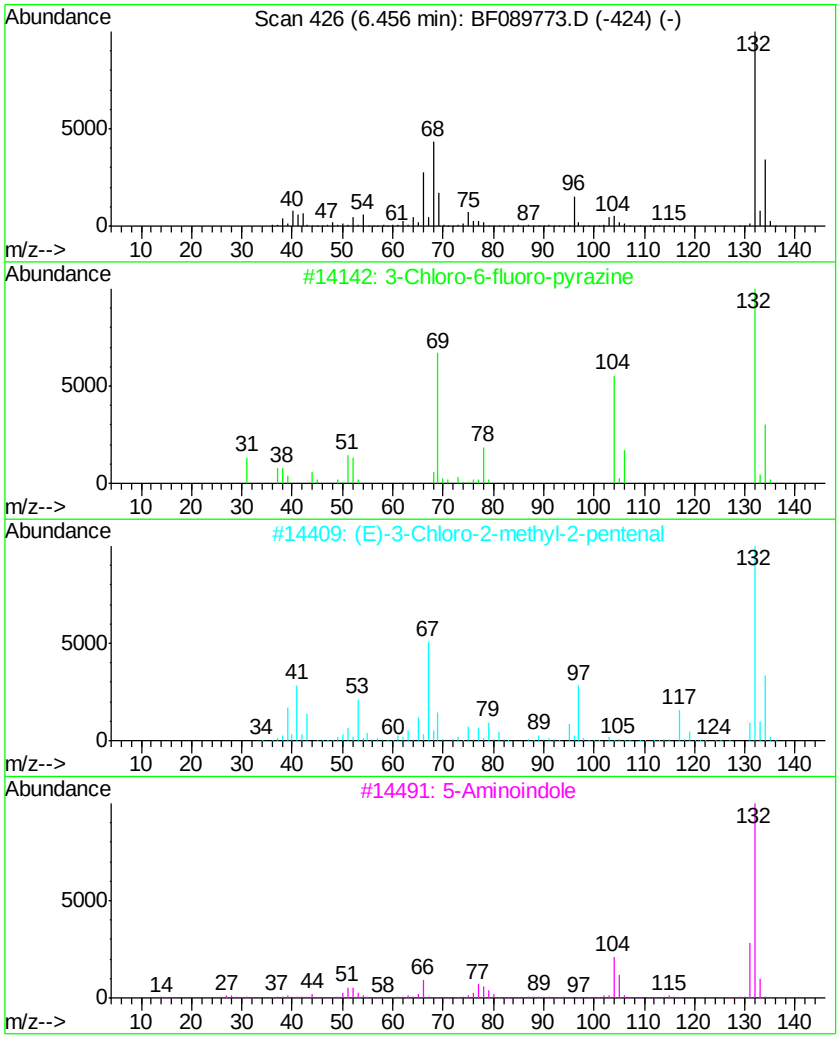
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

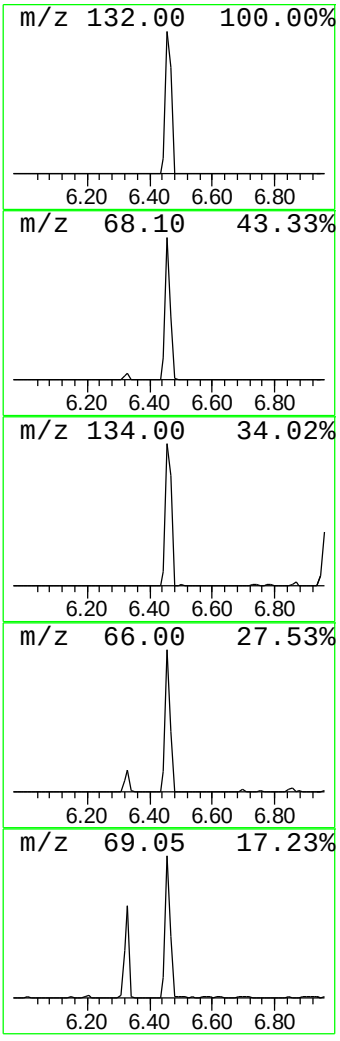
****

Peak Number 4 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	46.33 ng	10353700	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
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TIC Library : C:\Database\NIST11.L
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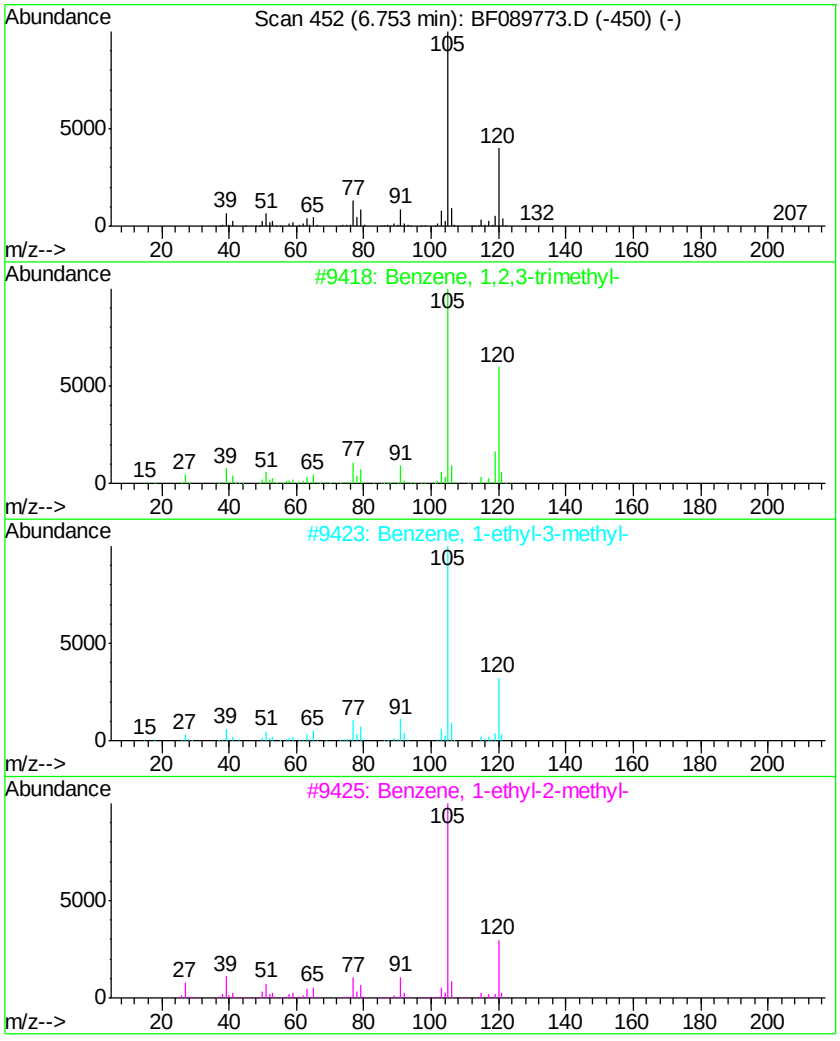
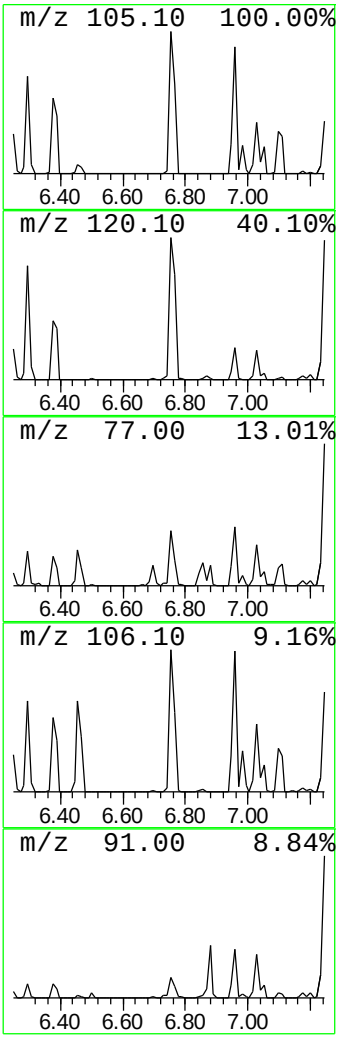
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	9.23 ng	2061460	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
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Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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
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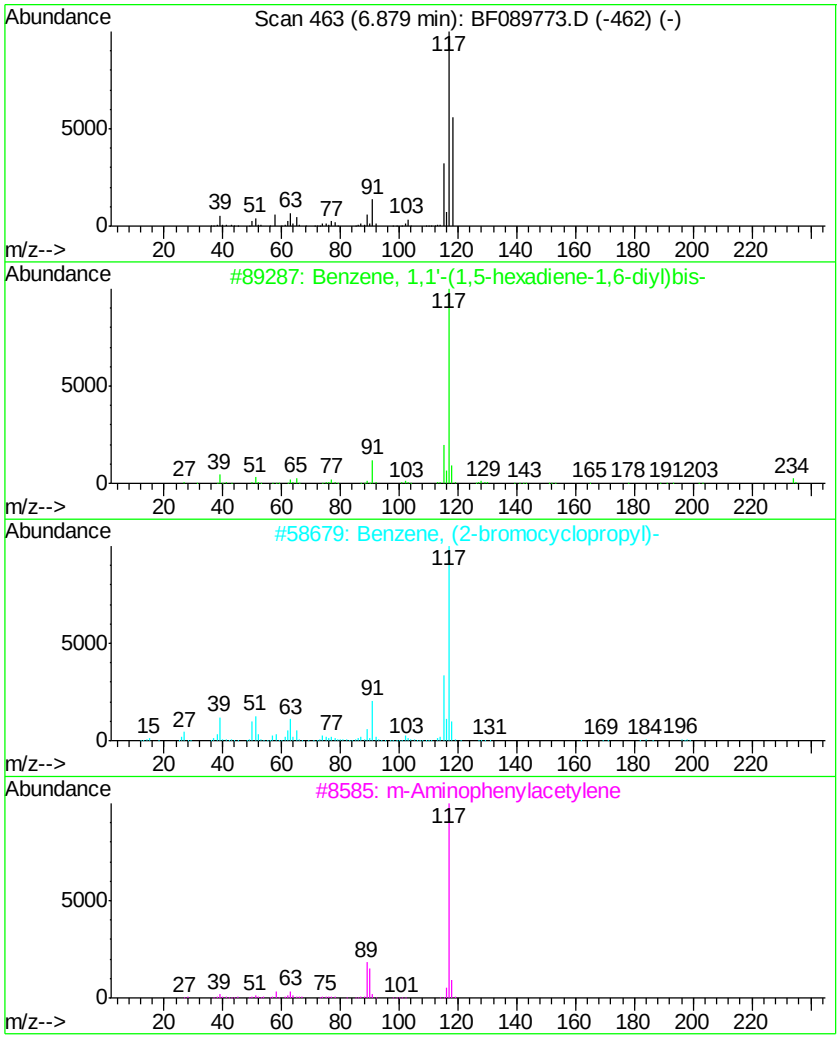
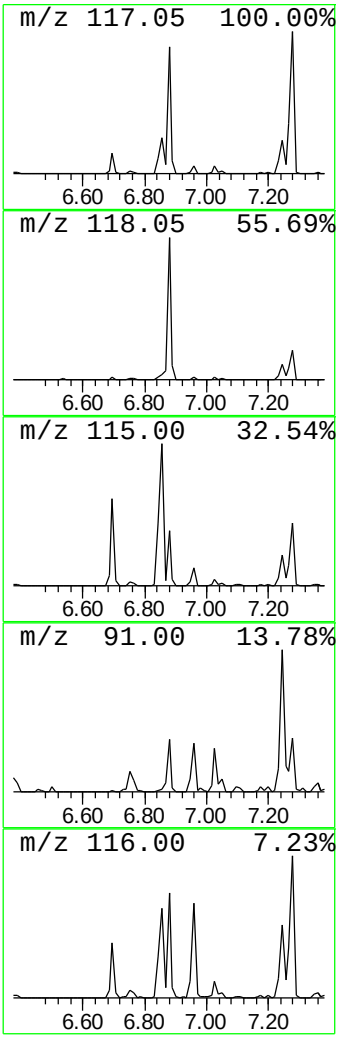
****

Peak Number 7 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	11.00 ng	2458230	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42





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Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

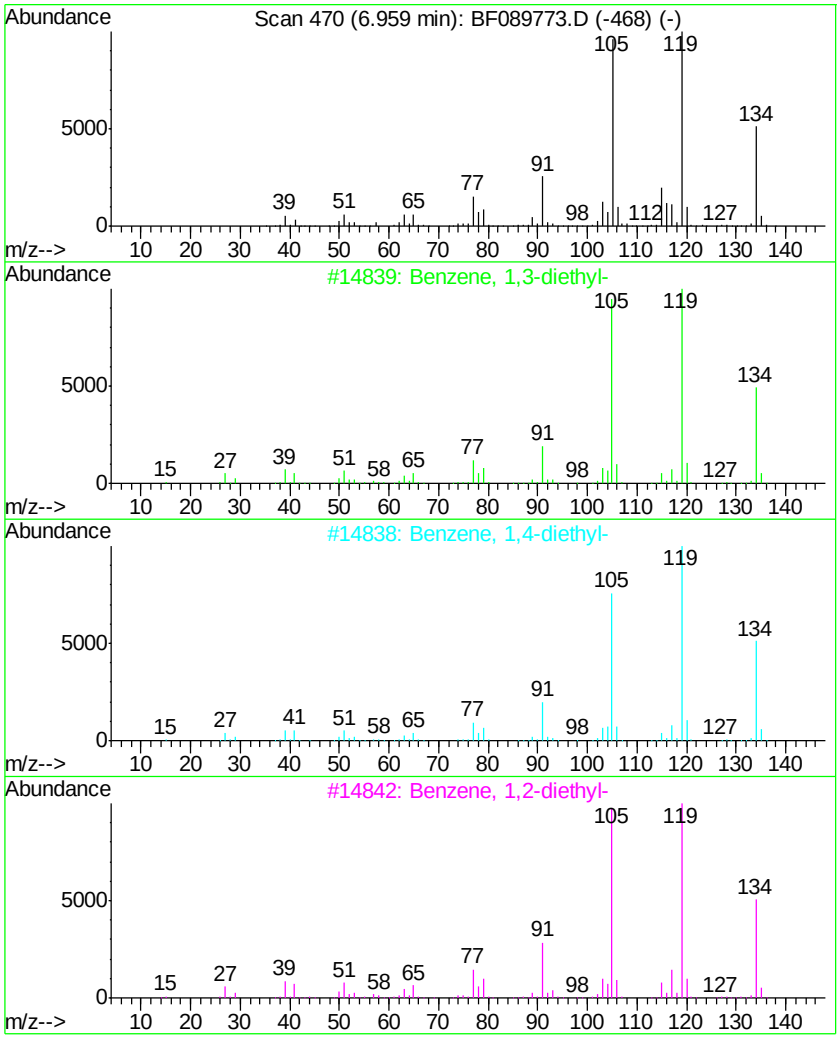
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

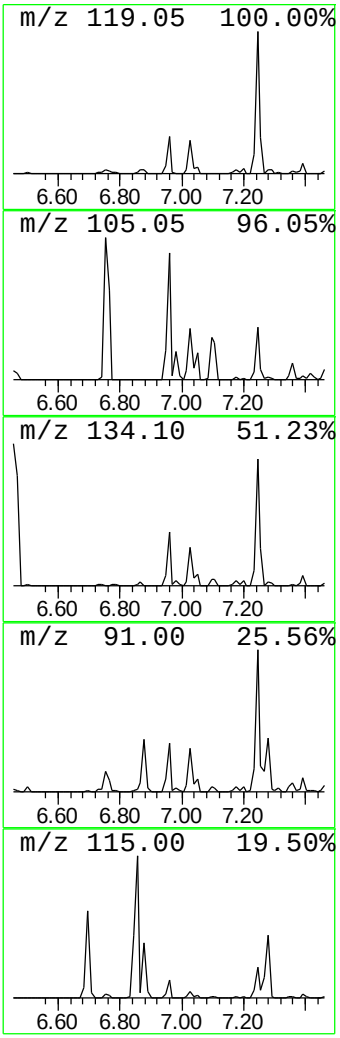
****

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	11.49 ng	2568240	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

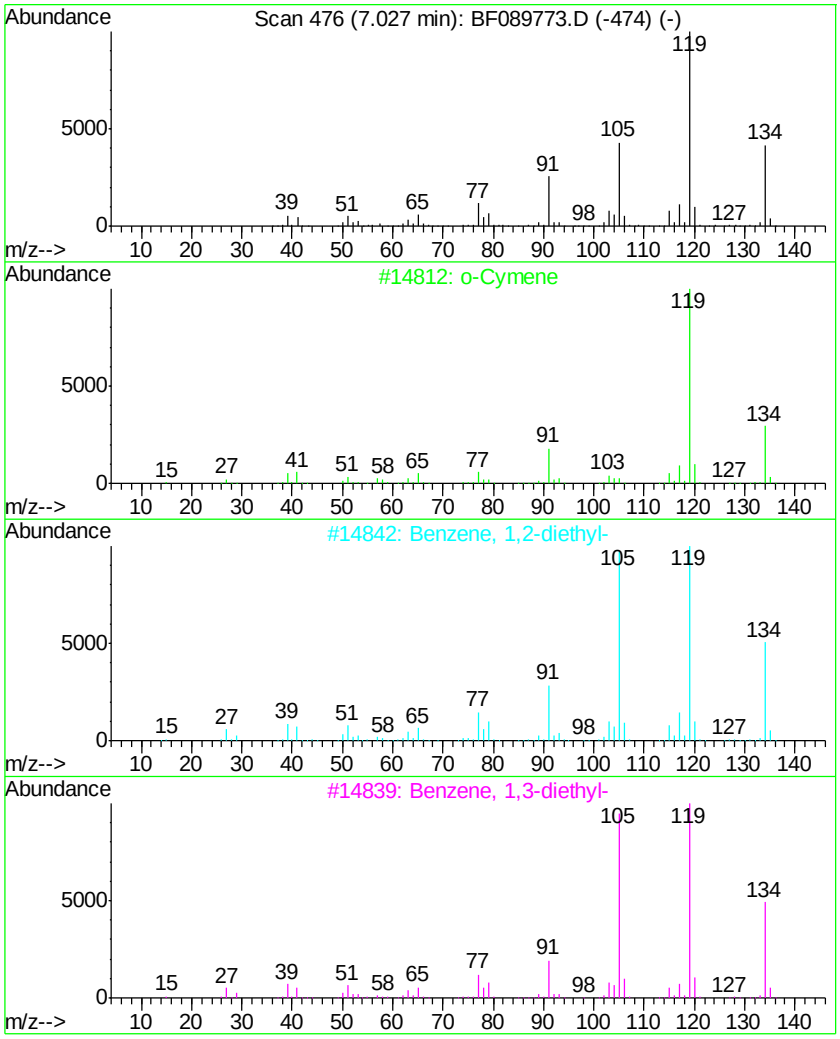
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

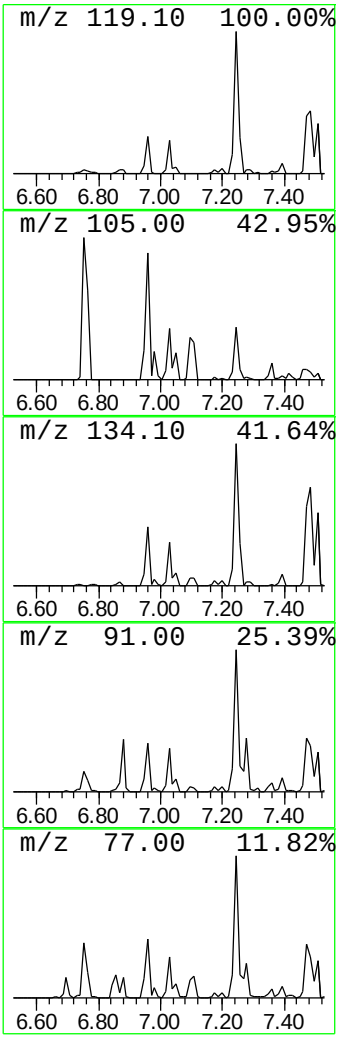
****

Peak Number 9 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	10.49 ng	2343060	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

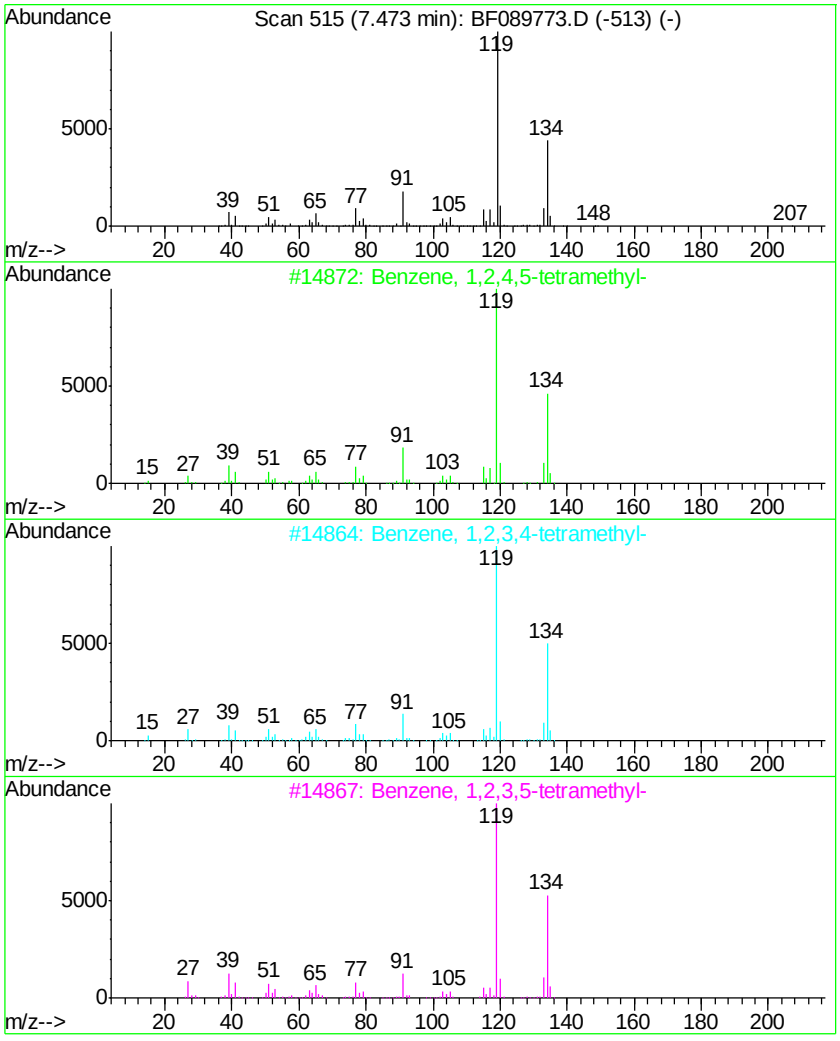
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

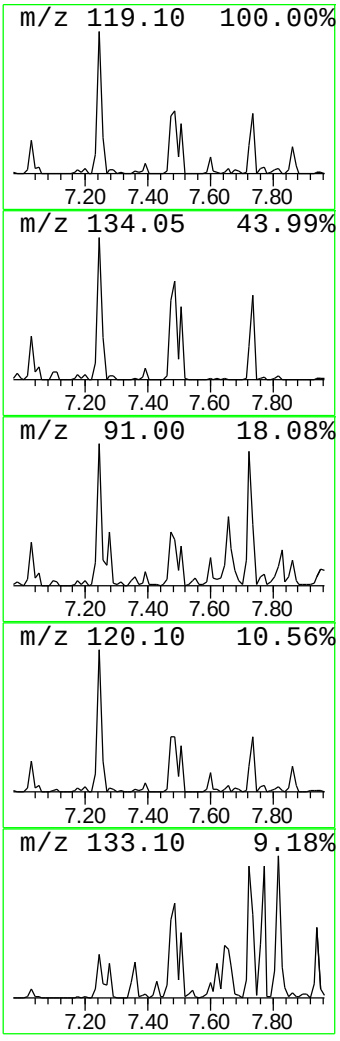
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	11.70 ng	6241240	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

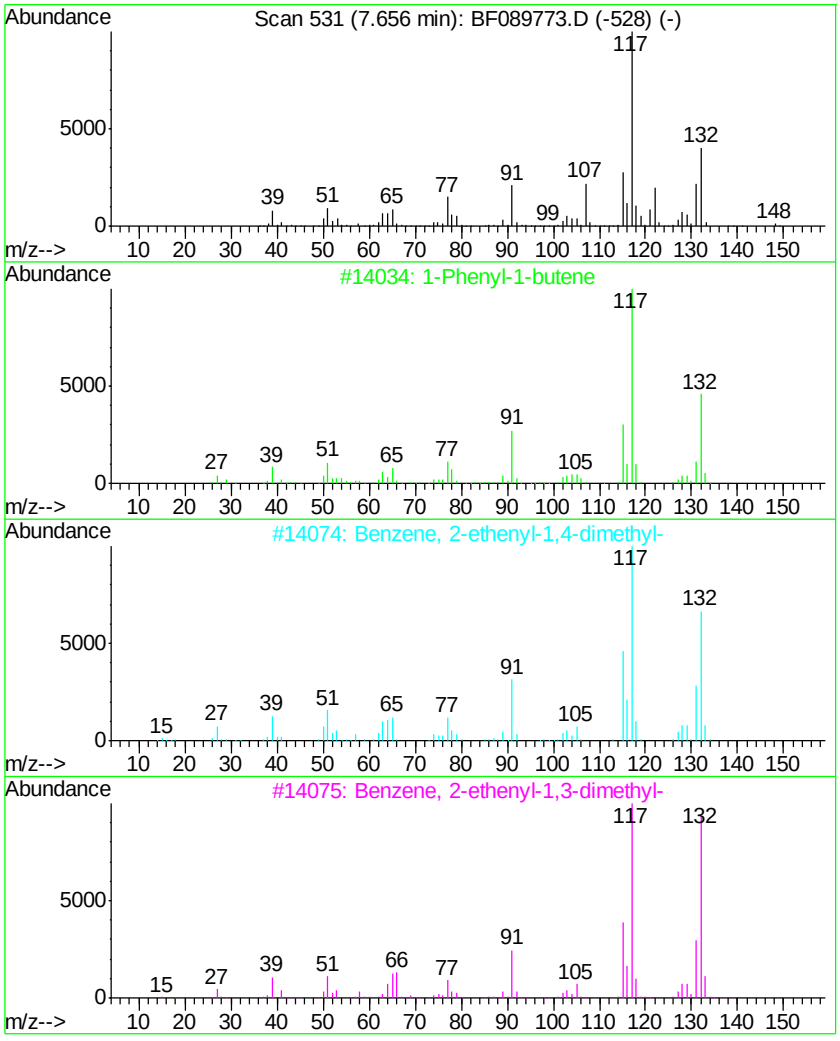
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

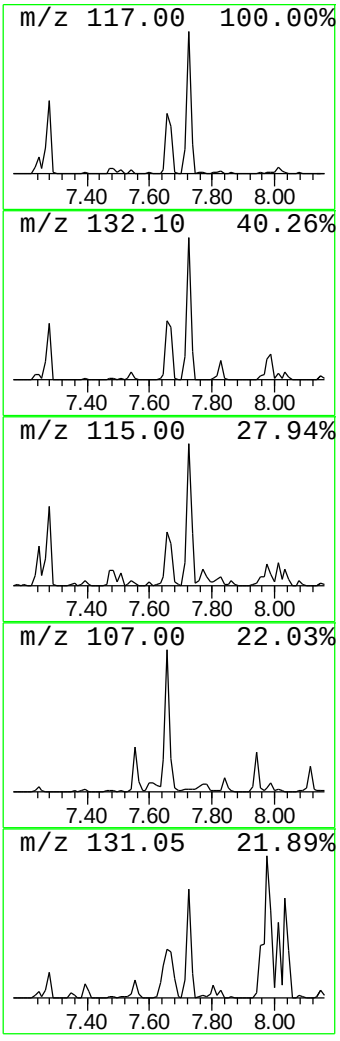
****

Peak Number 11 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	12.09 ng	6450060	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76





Library Search Compound Report

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Data File : BF089773.D
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Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

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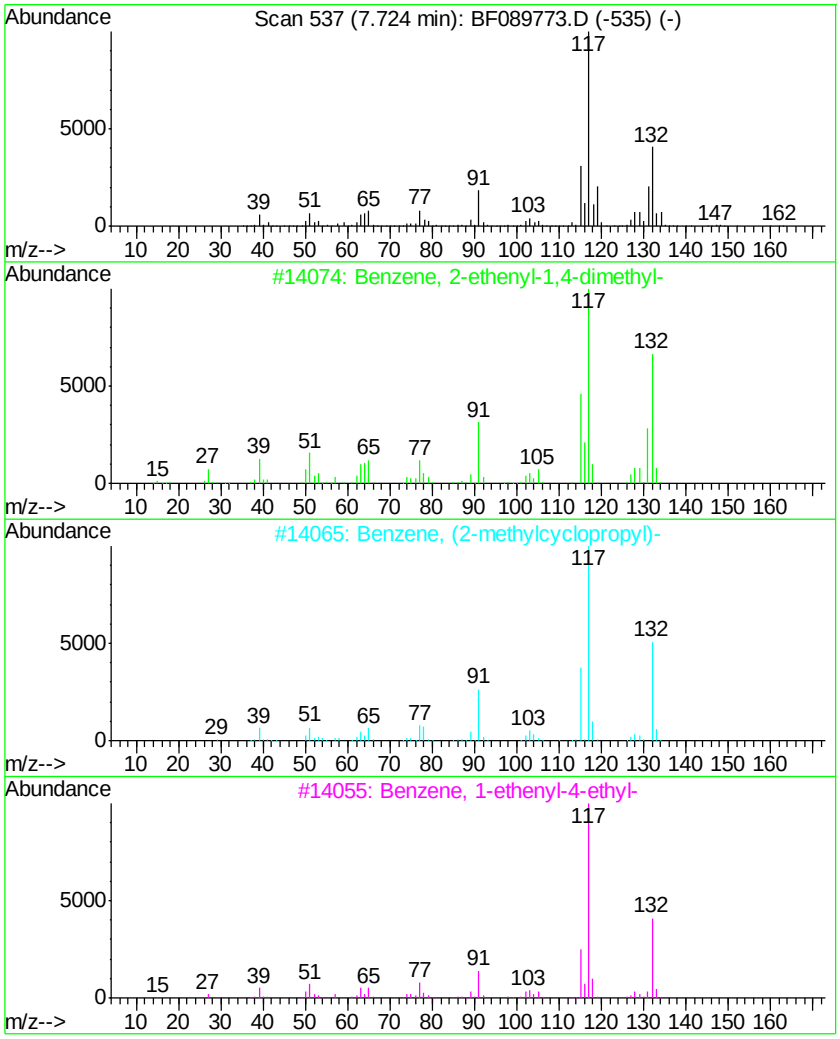
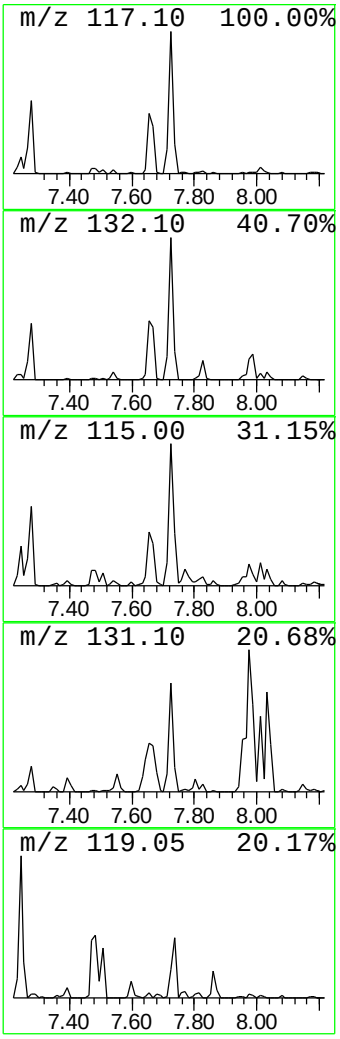
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	20.02 ng	10680600	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	92
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





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Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

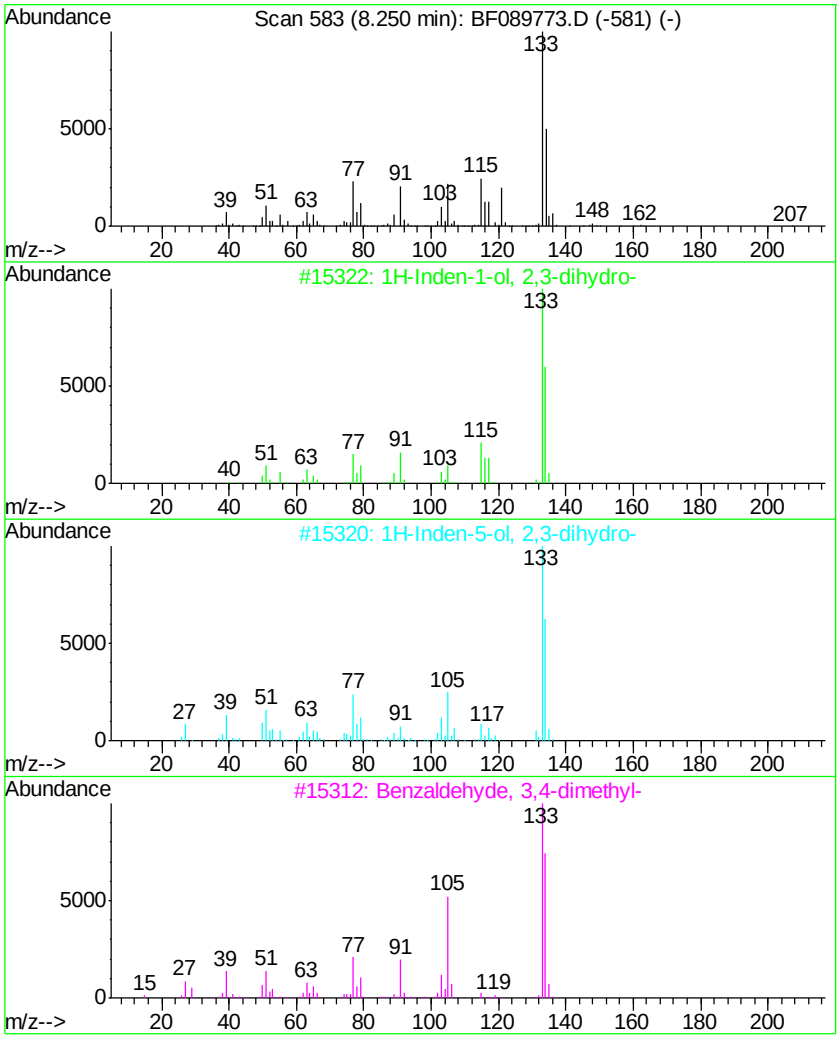
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

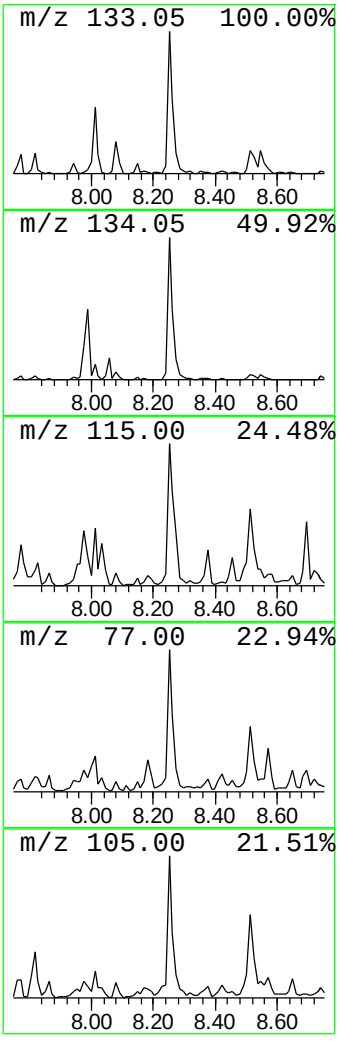
****

Peak Number 13 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	14.25 ng	7602710	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	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	72
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	58
4	4-Ethylbenzoic acid, 2-bromo-4-f...	322	C15H12BrFO2	1000293-61-1	47
5	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	46





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

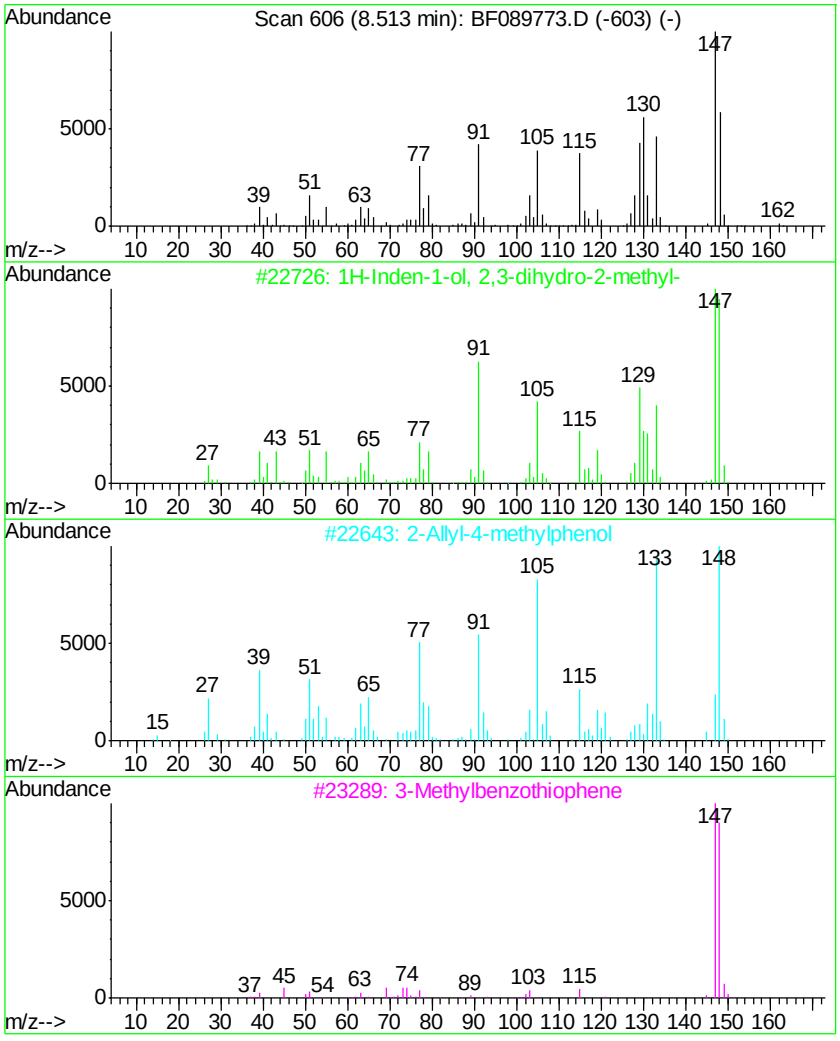
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

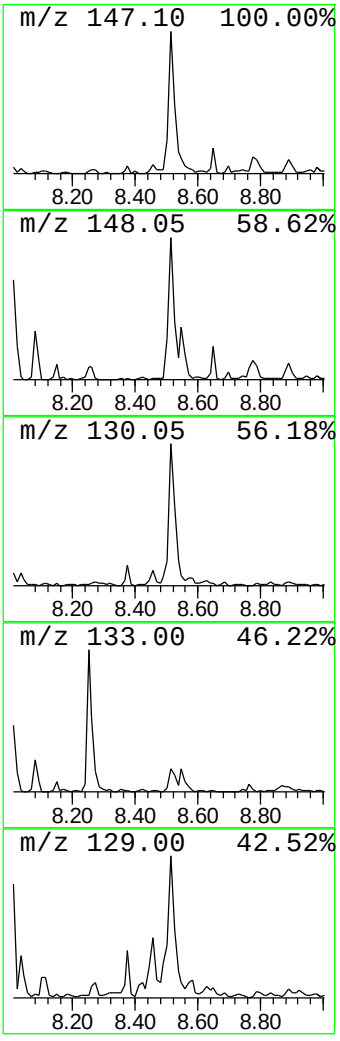
****

Peak Number 14 unknown8.51 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	8.40 ng	4482940	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	43
2	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	41
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	35
4	Estragole	148	C10H12O	000140-67-0	30
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	30





Library Search Compound Report

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Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

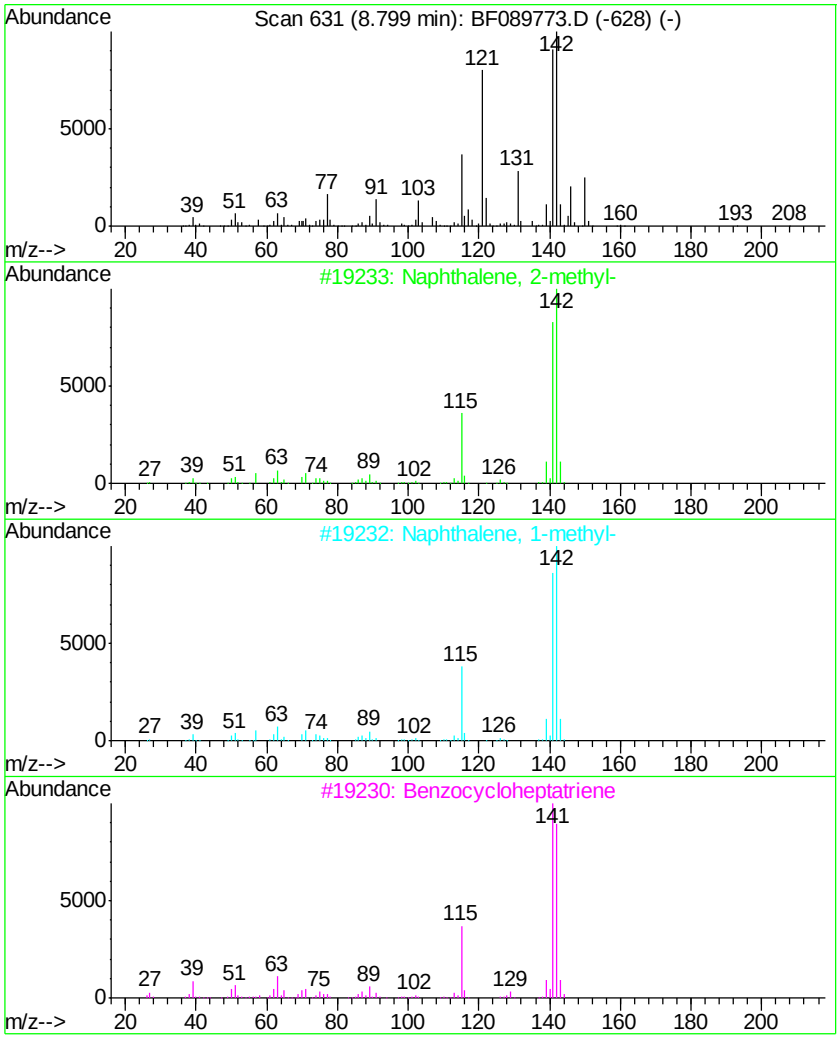
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

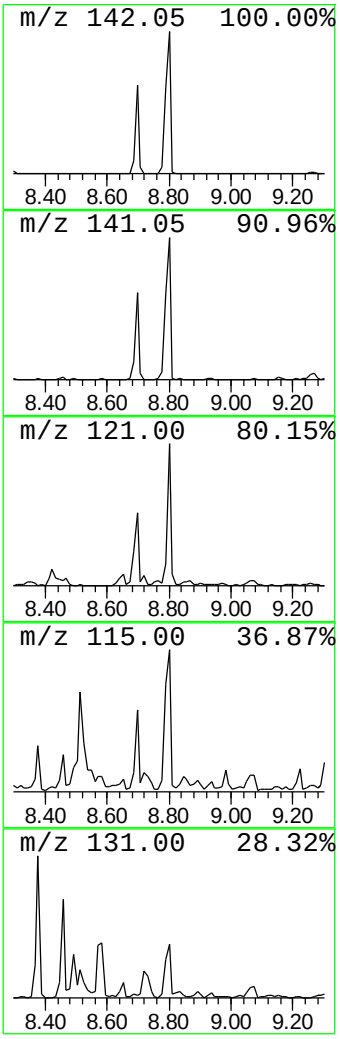
****

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	7.38 ng	3938850	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	55
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	49
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	49





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Sample : H4383-02
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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

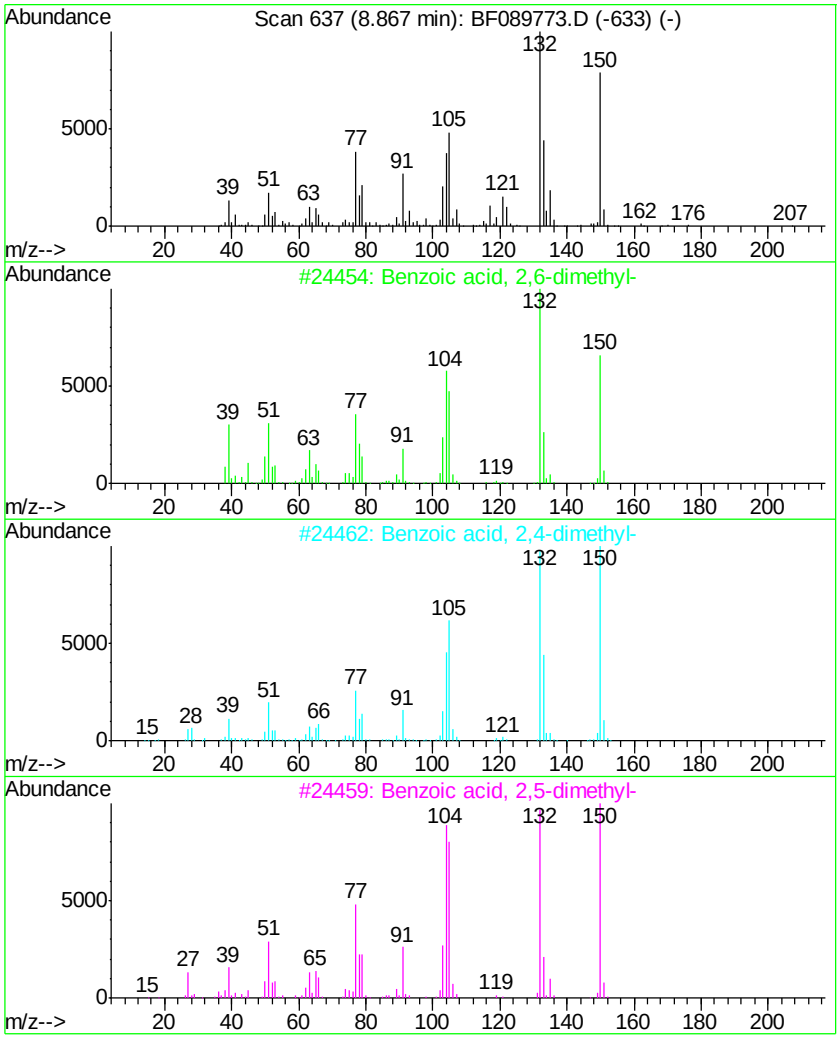
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

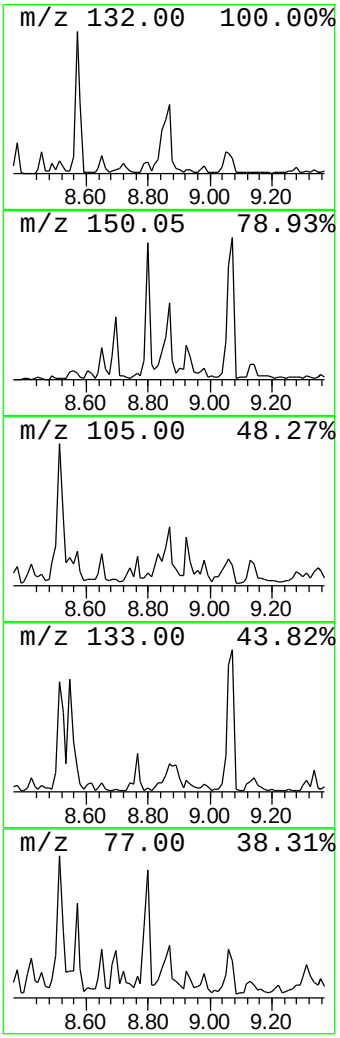
****

Peak Number 16 Benzoic acid, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.08 ng	1725510	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	76
2	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	68
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	53
4	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	43
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H4383-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

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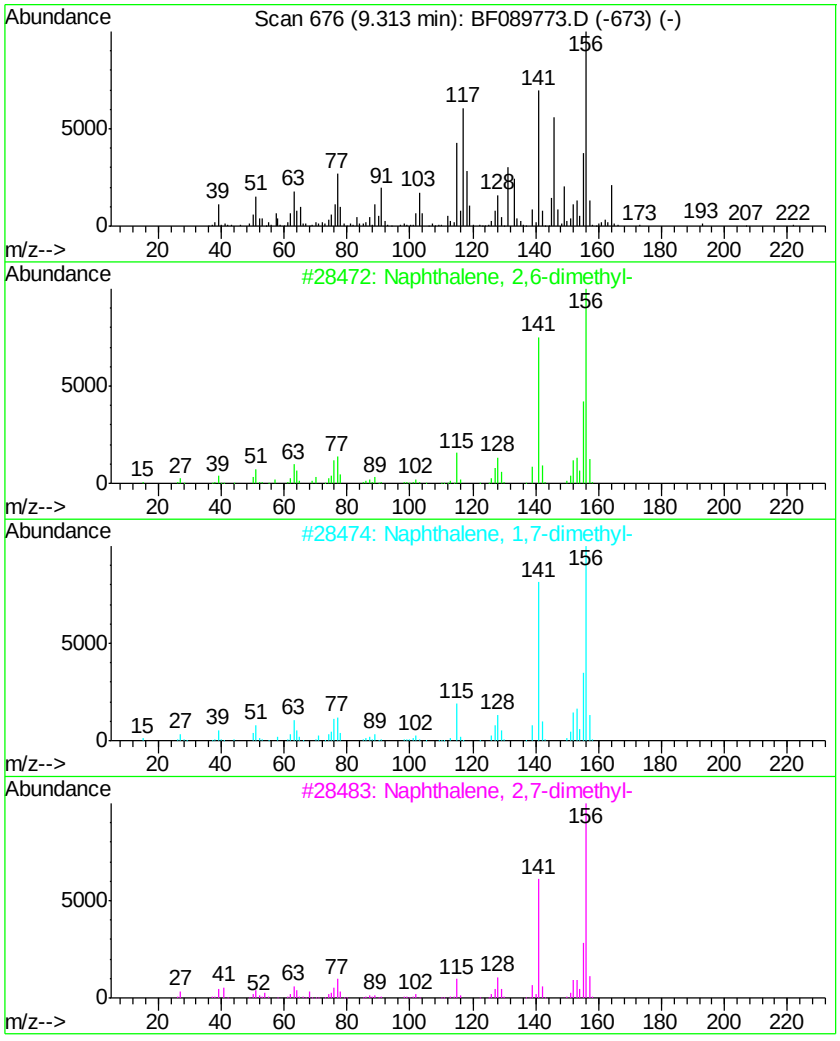
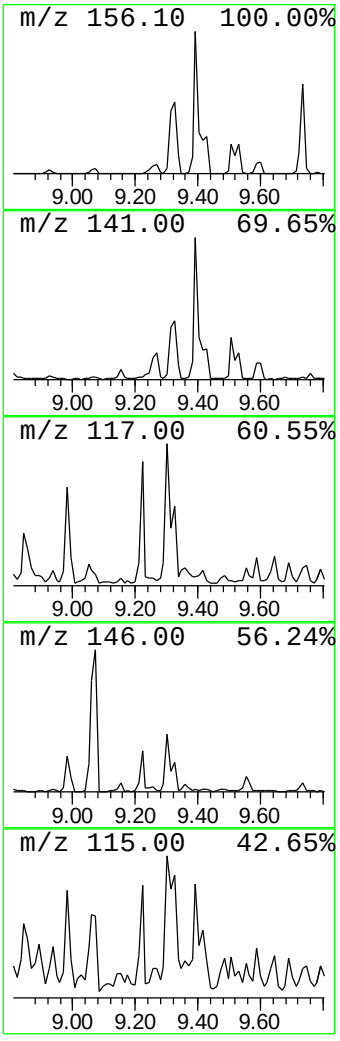
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	4.52 ng	1535320	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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

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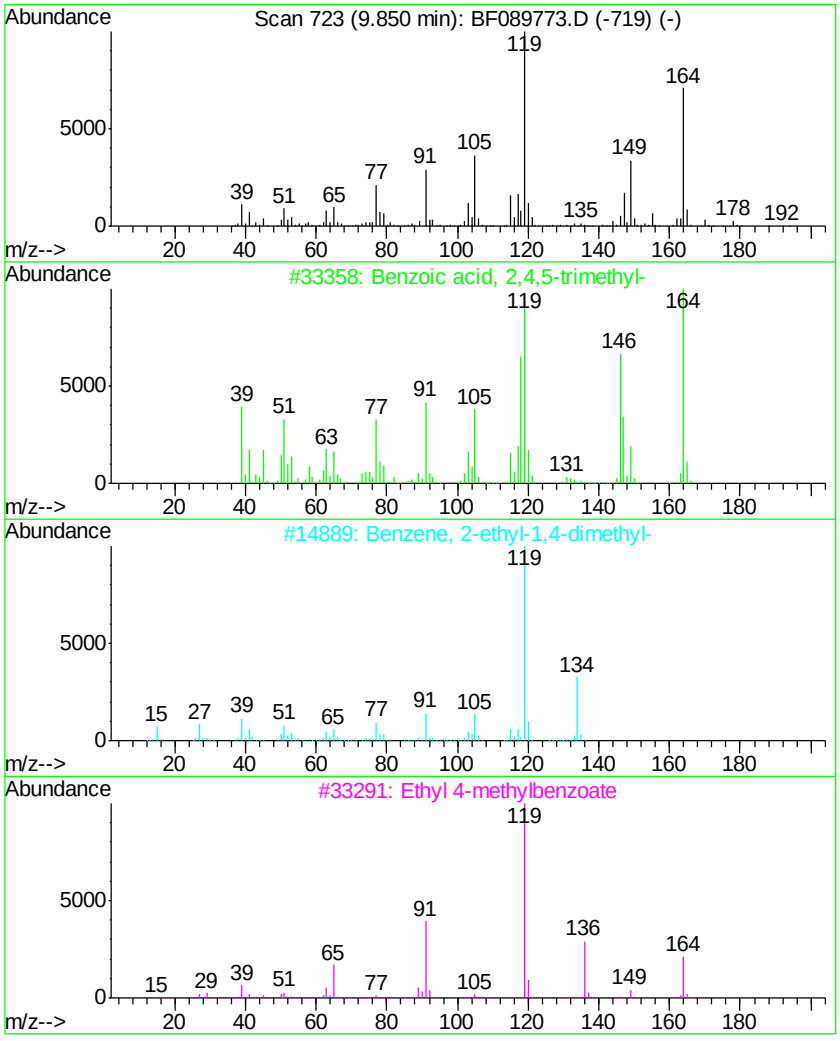
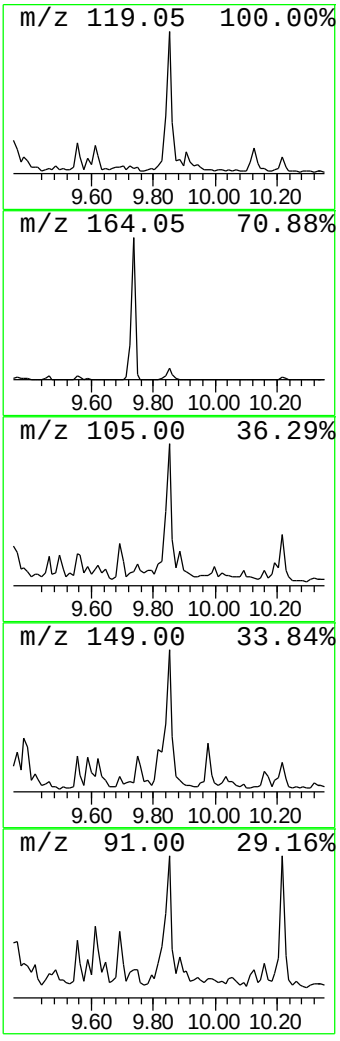
Peak Number 18 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	5.80 ng	1972130	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	52
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	49
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	47
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46





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Instrument : BNA_F
ClientSampleId : MW-2-080416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
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TIC Library : C:\Database\NIST11.L
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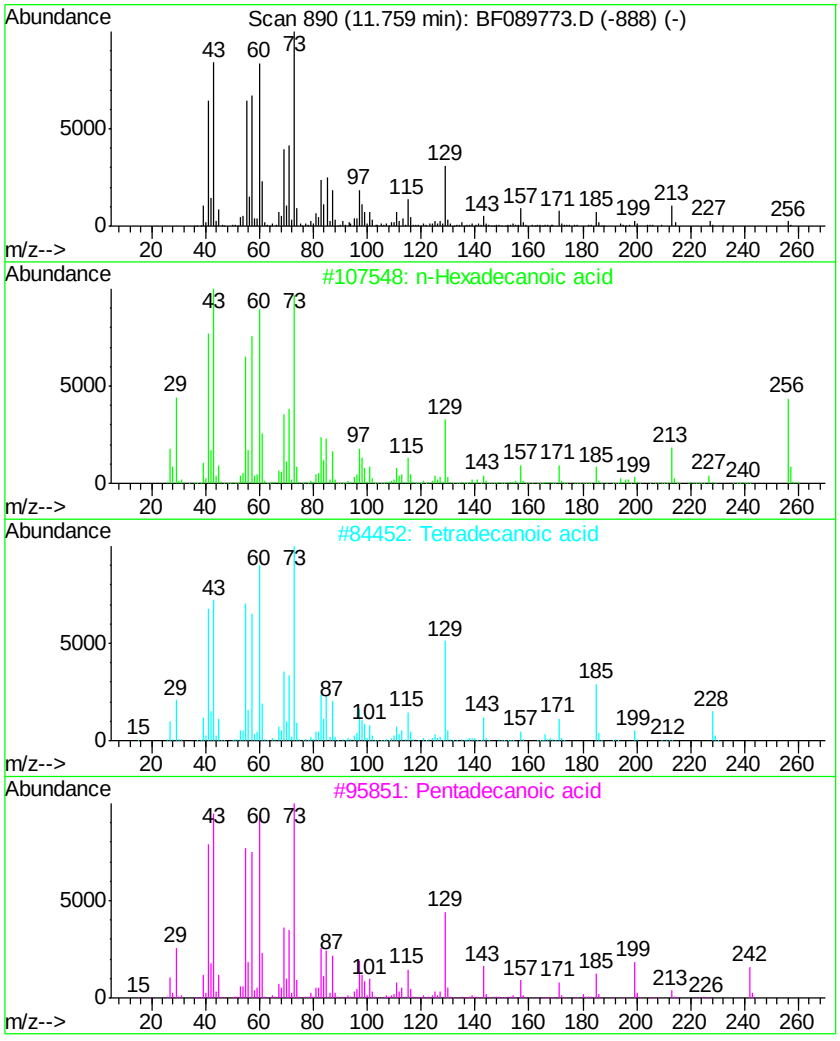
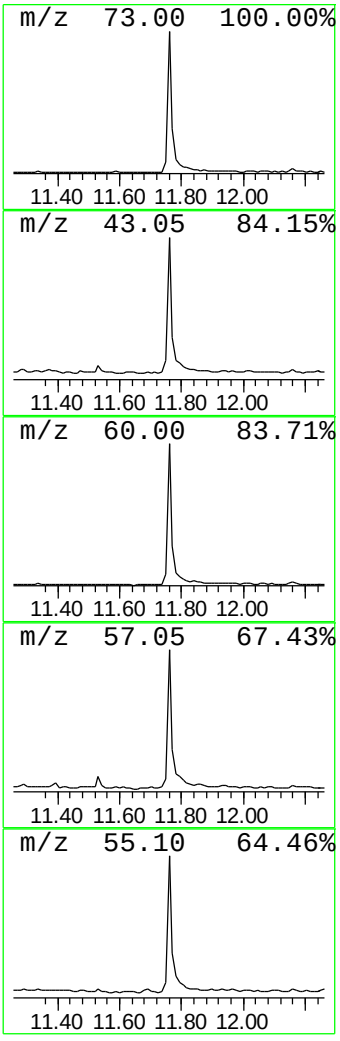
Peak Number 19 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.69 ng	1214310	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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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Sample : H4383-02
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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-080416

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
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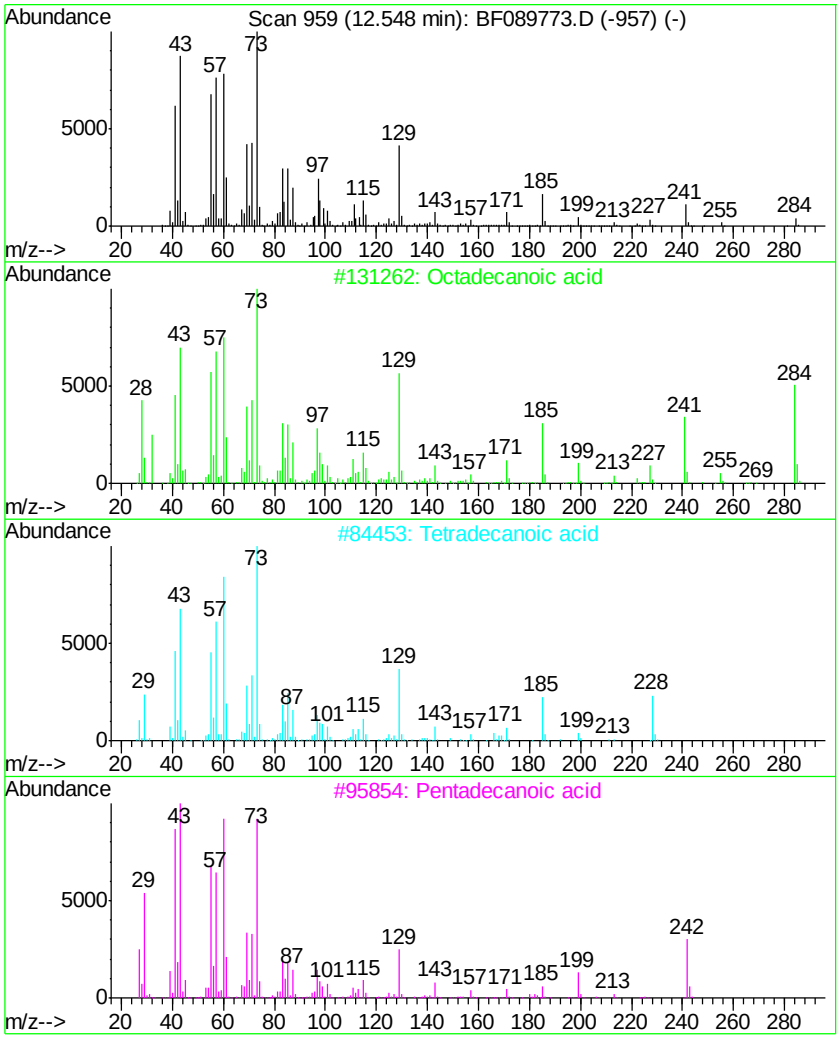
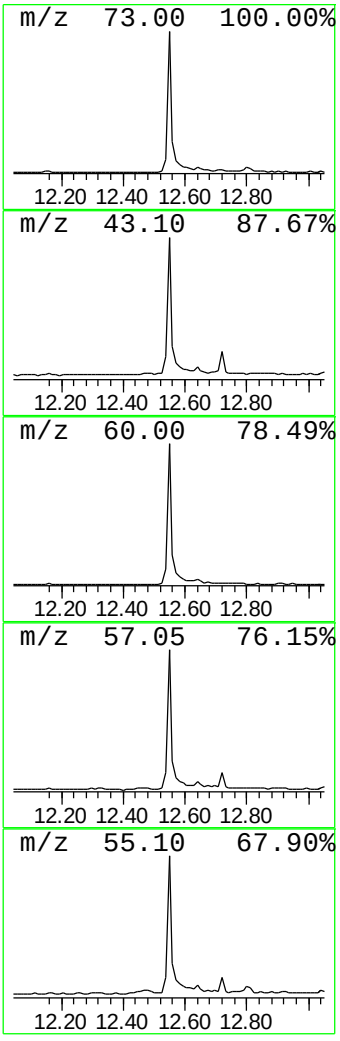
****

Peak Number 20 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.78 ng	1832160	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25





Tentatively Identified Compound (LSC) summary

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Data File : BF089773.D
Acq On : 17 Aug 2016 19:53
Operator : UM/SJ
Sample : H4383-02
Misc :
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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...	4.83	6.4	ng	1426440	1	6.70	4469270	20.0
unknown6.46	6.46	46.3	ng	10353700	1	6.70	4469270	20.0
Benzene, 1,2,3-tr...	6.75	9.2	ng	2061460	1	6.70	4469270	20.0
Benzene, 1,1'-(1,...	6.88	11.0	ng	2458230	1	6.70	4469270	20.0
Benzene, 1,3-diet...	6.96	11.5	ng	2568240	1	6.70	4469270	20.0
o-Cymene	7.03	10.5	ng	2343060	1	6.70	4469270	20.0
Benzene, 1,2,4,5-...	7.47	11.7	ng	6241240	2	7.99	10672600	20.0
1-Phenyl-1-butene	7.66	12.1	ng	6450060	2	7.99	10672600	20.0
Benzene, 2-etheny...	7.72	20.0	ng	10680600	2	7.99	10672600	20.0
1H-Inden-1-ol, 2,...	8.25	14.3	ng	7602710	2	7.99	10672600	20.0
unknown8.51	8.51	8.4	ng	4482940	2	7.99	10672600	20.0
Naphthalene, 1-me...	8.80	7.4	ng	3938850	2	7.99	10672600	20.0
Benzoic acid, 2,6...	8.87	5.1	ng	1725510	3	9.74	6795980	20.0
Naphthalene, 2,6-...	9.31	4.5	ng	1535320	3	9.74	6795980	20.0
Benzoic acid, 2,4...	9.85	5.8	ng	1972130	3	9.74	6795980	20.0
n-Hexadecanoic acid	11.76	3.7	ng	1214310	4	11.21	6585100	20.0
Octadecanoic acid	12.55	5.8	ng	1832160	5	13.85	6338300	20.0