LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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-BF122116.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	4.807	236	238	242	rBV	399177	511502	12.72%	0.744%
2	5.276	277	279	282	rBV	1197316	1403209	34.89%	2.042%
3	5.824	323	327	330	rBV	230687	246682	6.13%	0.359%
4	6.339	369	372	377	rBV2	1513430	1889749	46.99%	2.750%
5	6.453	380	382	384	rBV	2662863	2535306	63.04%	3.690%
6	6.636	394	398	400	rBV2	198337	279738	6.96%	0.407%
7	6.682	400	402	404	rBV	1311212	1352062	33.62%	1.968%
8	6.830	413	415	418	rBV	2173822	2636008	65.54%	3.836%
9	7.013	428	431	434	rBV3	101899	216389	5.38%	0.315%
10	7.070	434	436	439	rVV2	63979	100754	2.51%	0.147%
11	7.253	449	452	455	rVV2	2293208	2962998	73.67%	4.312%
12	7.333	457	459	461	rVB3	167088	198477	4.93%	0.289%
13	7.379	461	463	464	rBV	143780	156321	3.89%	0.228%
14	7.459	468	470	472	rVV2	451744	427025	10.62%	0.621%
15	7.619	479	484	486	rBV2	190574	287819	7.16%	0.419%
16	7.710	490	492	494	rVV	1331052	1218364	30.29%	1.773%
17	7.790	497	499	502	rVV4	62204	144407	3.59%	0.210%
18	7.905	506	509	512	rVV3	146407	286559	7.12%	0.417%
19	7.962	512	514	516	rVV	1470251	1950155	48.49%	2.838%
20	8.019	518	519	521	rVV	440742	379044	9.42%	0.552%
21	8.099	524	526	527	rVV	117884	121064	3.01%	0.176%
22	8.122	527	528	530	rVV	107087	146402	3.64%	0.213%
23	8.168	530	532	533	rVV2	215071	274261	6.82%	0.399%
24	8.190	533	534	539	rVV2	658021	1112317	27.66%	1.619%
25	8.316	542	545	546	rVV2	66605	141677	3.52%	0.206%
26	8.350	546	548	551	rVV3	118651	182574	4.54%	0.266%
27	8.442	551	556	557	rVV3	154044	368455	9.16%	0.536%
28	8.476	557	559	560	rVV	169697	199209	4.95%	0.290%
29	8.510	560	562	563	rVV2	87282	128611	3.20%	0.187%
30	8.602	568	570	571	rVV2	70109	140759	3.50%	0.205%
31	8.636	571	573	574	rVV	150847	193928	4.82%	0.282%
32	8.659	574	575	578	rVV3	127980	168845	4.20%	0.246%
33	8.716	578	580	584	rVV5	145339	415222	10.32%	0.604%
34	8.773	584	585	588	rVV3	350003	609551	15.16%	0.887%

LSC Area Percent Report

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Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.865	591	593	596	rVV2	179123	277713	6.90%	0.404%
36	8.910	596	597	598	rVV	143233	170534	4.24%	0.248%
37	8.968	601	602	604	rVV2	149209	223302	5.55%	0.325%
38	9.002	604	605	606	rVV	147776	135702	3.37%	0.197%
39	9.048	606	609	611	rVV	4408325	4022014	100.00%	5.854%
40	9.082	611	612	615	rVV2	420289	612611	15.23%	0.892%
41	9.128	615	616	618	rVV2	89396	160750	4.00%	0.234%
42	9.162	618	619	621	rVV	391599	452558	11.25%	0.659%
43	9.208	621	623	625	rVV2	346160	530741	13.20%	0.772%
44	9.310	628	632	633	rVV3	257588	438523	10.90%	0.638%
45	9.345	633	635	636	rVV	578446	779668	19.39%	1.135%
46	9.368	636	637	639	rVV2	736582	997801	24.81%	1.452%
47	9.402	639	640	642	rVV	1390755	1768032	43.96%	2.573%
48	9.448	642	644	645	rVV	1379178	1279938	31.82%	1.863%
49	9.505	647	649	651	rVV	426743	587074	14.60%	0.854%
50	9.539	651	652	654	rVV2	133001	154411	3.84%	0.225%
51	9.585	654	656	657	rVV2	124997	195642	4.86%	0.285%
52	9.631	657	660	661	rVV	727686	824366	20.50%	1.200%
53	9.676	661	664	665	rVV2	379882	574613	14.29%	0.836%
54	9.722	665	668	670	rVV	2548966	3082895	76.65%	4.487%
55	9.779	672	673	674	rVV	226281	220004	5.47%	0.320%
56	9.802	674	675	677	rVV2	221062	333943	8.30%	0.486%
57	9.848	677	679	680	rVV	386884	423244	10.52%	0.616%
58	9.893	680	683	687	rVV3	636199	1237899	30.78%	1.802%
59	9.962	687	689	690	rVV2	304090	365104	9.08%	0.531%
60	10.008	692	693	694	rVV	233282	197394	4.91%	0.287%
61	10.042	694	696	699	rVV2	300555	479284	11.92%	0.698%
62	10.099	699	701	703	rVV2	457826	625813	15.56%	0.911%
63	10.156	703	706	708	rVV3	690246	1289500	32.06%	1.877%
64	10.225	708	712	714	rVV2	585560	1086341	27.01%	1.581%
65	10.293	714	718	720	rVV3	239904	537319	13.36%	0.782%
66	10.362	720	724	727	rVV4	217905	557000	13.85%	0.811%
67	10.408	727	728	730	rVV2	251118	300598	7.47%	0.437%
68	10.453	730	732	734	rVV	1364386	1417429	35.24%	2.063%
69	10.511	734	737	738	rVV	1427757	2036163	50.63%	2.963%
70	10.568	738	742	743	rVV3	182610	358623	8.92%	0.522%
71	10.636	743	748	751	rVV3	430055	1029575	25.60%	1.498%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.693	751	753	755	rVV2	197330	433395	10.78%	0.631%
73	10.762	758	759	760	rVV	221949	212153	5.27%	0.309%
74	10.831	763	765	767	rVV2	228510	415098	10.32%	0.604%
75	10.876	767	769	771	rVV3	290860	521419	12.96%	0.759%
76	10.911	771	772	773	rVV	215854	248204	6.17%	0.361%
77	10.945	773	775	777	rVV2	570545	711657	17.69%	1.036%
78	10.991	777	779	782	rVB3	115726	235612	5.86%	0.343%
79	11.082	785	787	792	rVV3	360316	715536	17.79%	1.041%
80	11.196	794	797	799	rVV	1845799	1699179	42.25%	2.473%
81	11.505	822	824	826	rBV	392111	328293	8.16%	0.478%
82	11.665	836	838	843	rBV6	36300	115873	2.88%	0.169%
83	11.745	843	845	851	rVB2	739574	867808	21.58%	1.263%
84	11.905	857	859	864	rVB2	106261	175146	4.35%	0.255%
85	12.431	903	905	911	rBV3	98292	230955	5.74%	0.336%
86	12.534	911	914	916	rVV	623767	911472	22.66%	1.327%
87	12.694	924	928	931	rVB	368844	391097	9.72%	0.569%
88	12.785	933	936	938	rBV	3110802	3059887	76.08%	4.453%
89	13.254	976	977	982	rVB2	106937	214467	5.33%	0.312%
90	13.357	984	986	988	rBV	111595	164072	4.08%	0.239%
91	13.391	988	989	991	rVB	127026	107058	2.66%	0.156%
92	13.688	1012	1015	1020	rVB	275894	343088	8.53%	0.499%
93	13.825	1025	1027	1030	rBV	1273884	1162534	28.90%	1.692%
94	14.671	1099	1101	1103	rVB	209256	211166	5.25%	0.307%
95	15.208	1145	1148	1151	rBV	855555	1081091	26.88%	1.573%
96	16.054	1219	1222	1226	rBV	131415	244780	6.09%	0.356%
97	16.454	1254	1257	1262	rBV2	60469	129050	3.21%	0.188%
98	17.003	1301	1305	1310	rBV3	150800	368123	9.15%	0.536%
99	17.460	1341	1345	1351	rVB	58907	149214	3.71%	0.217%
100	19.060	1481	1485	1490	rVB6	36274	114033	2.84%	0.166%

Sum of corrected areas: 68711024

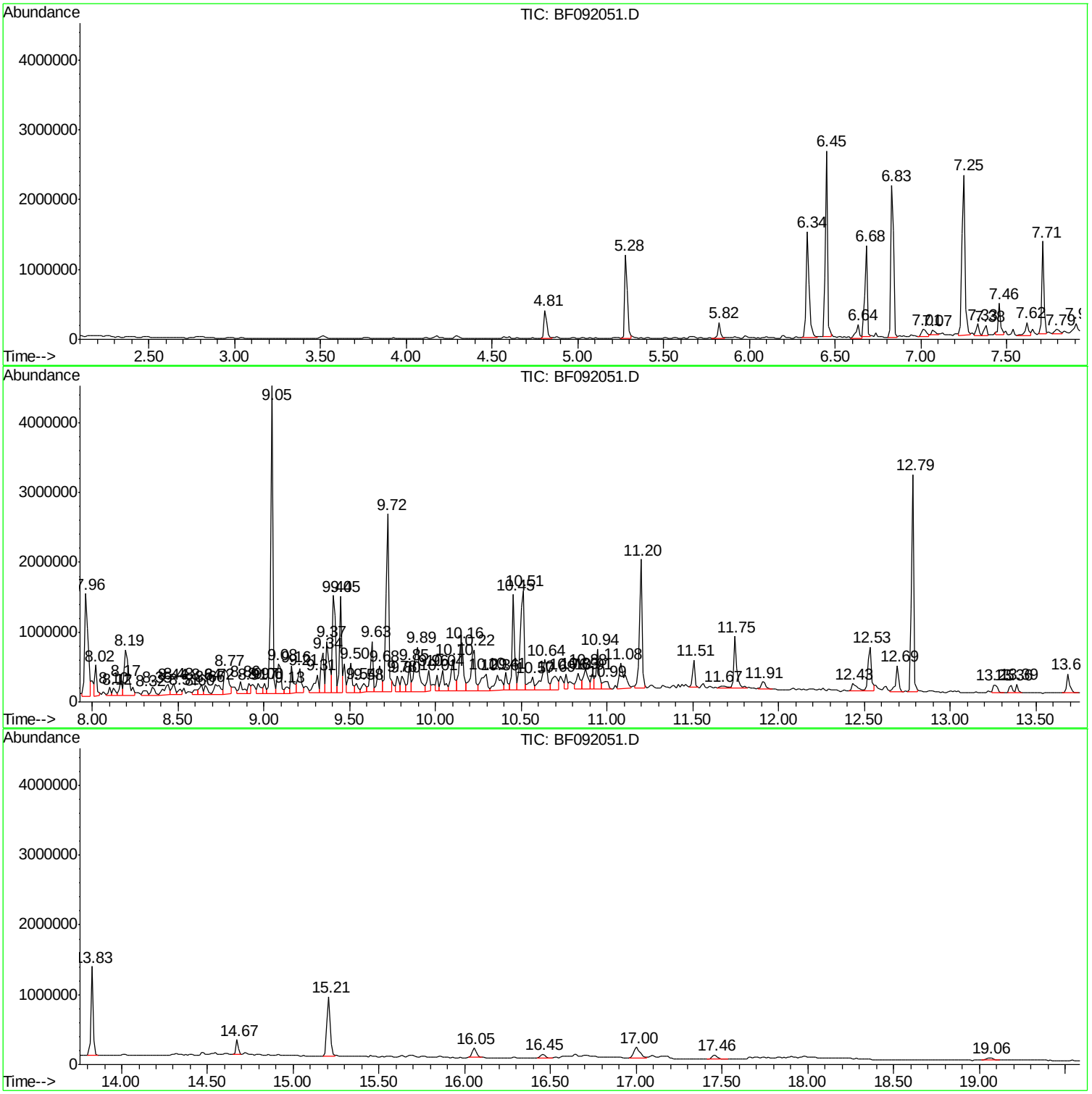
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

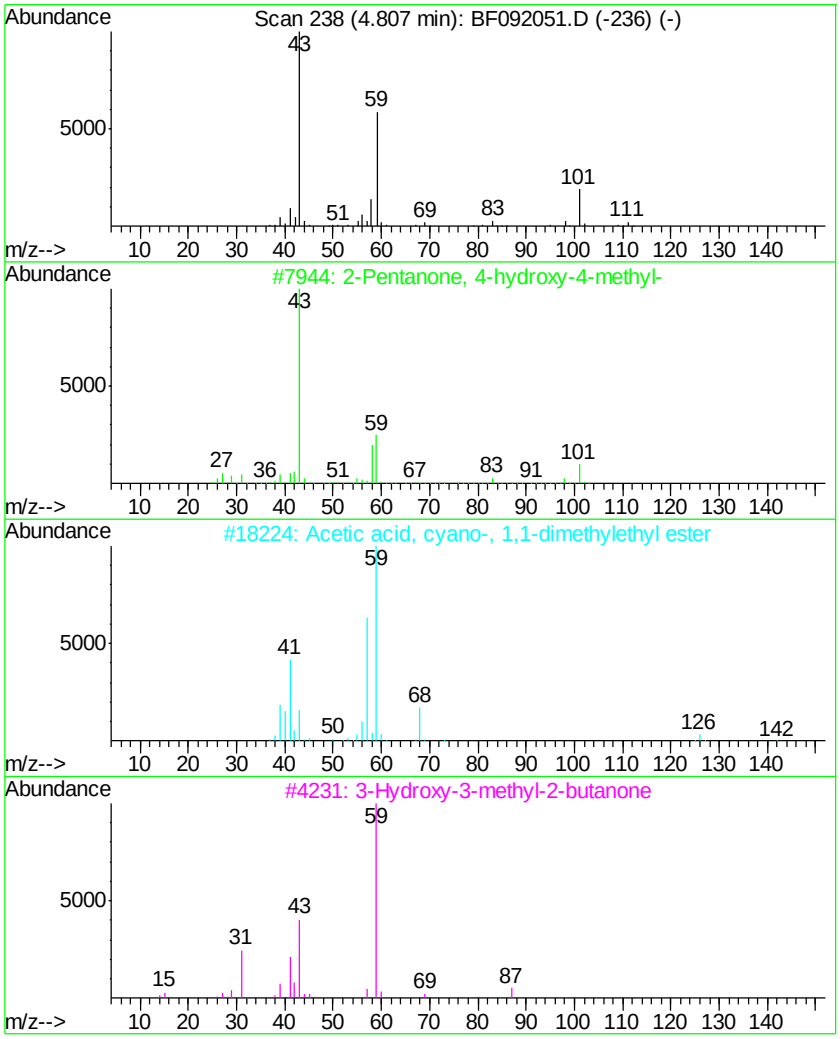
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

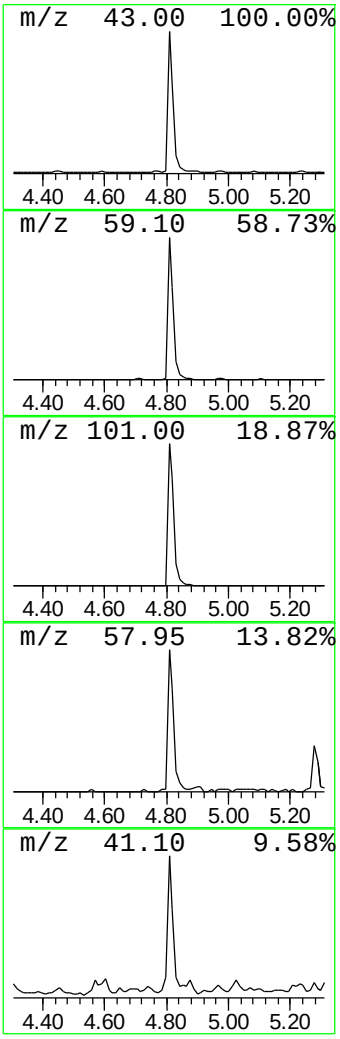
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	7.57 ng	511502	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

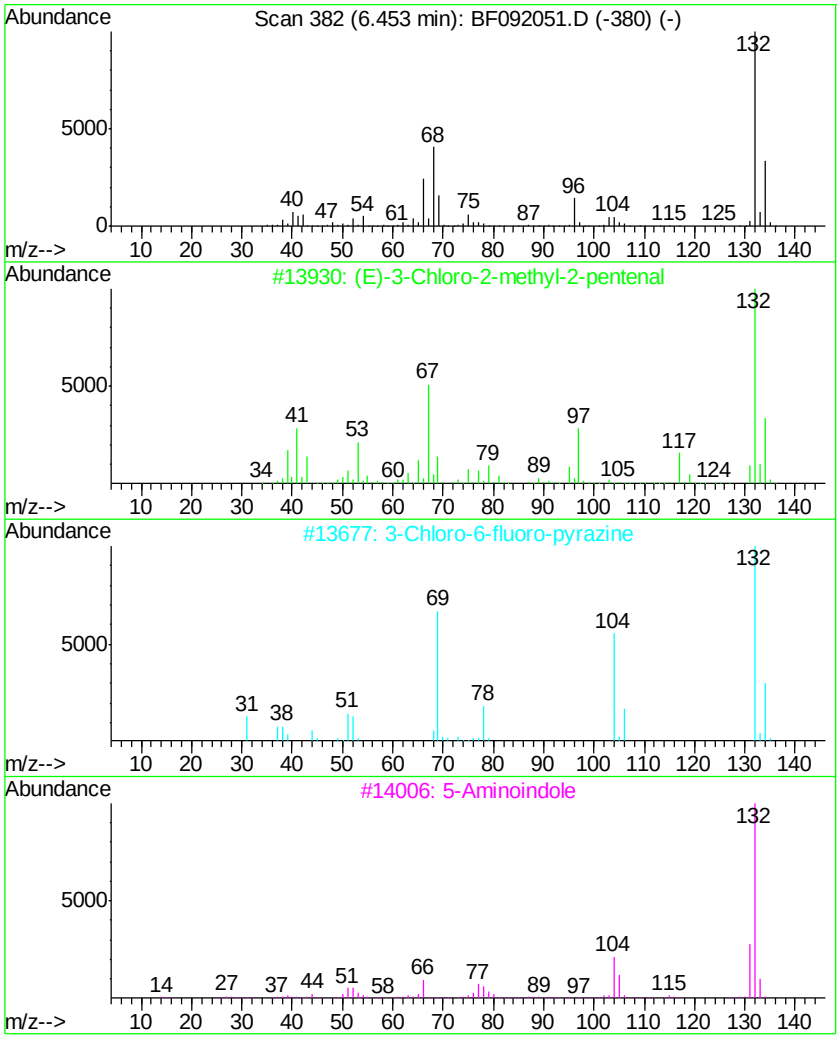
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

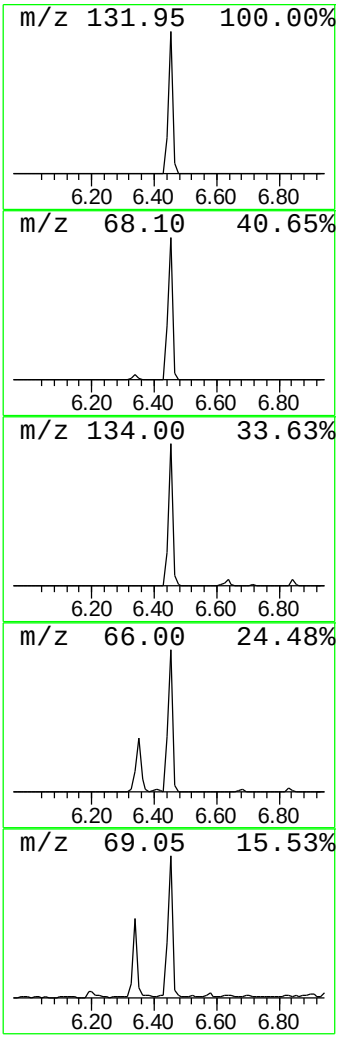
****

Peak Number 2 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	37.50 ng	2535310	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

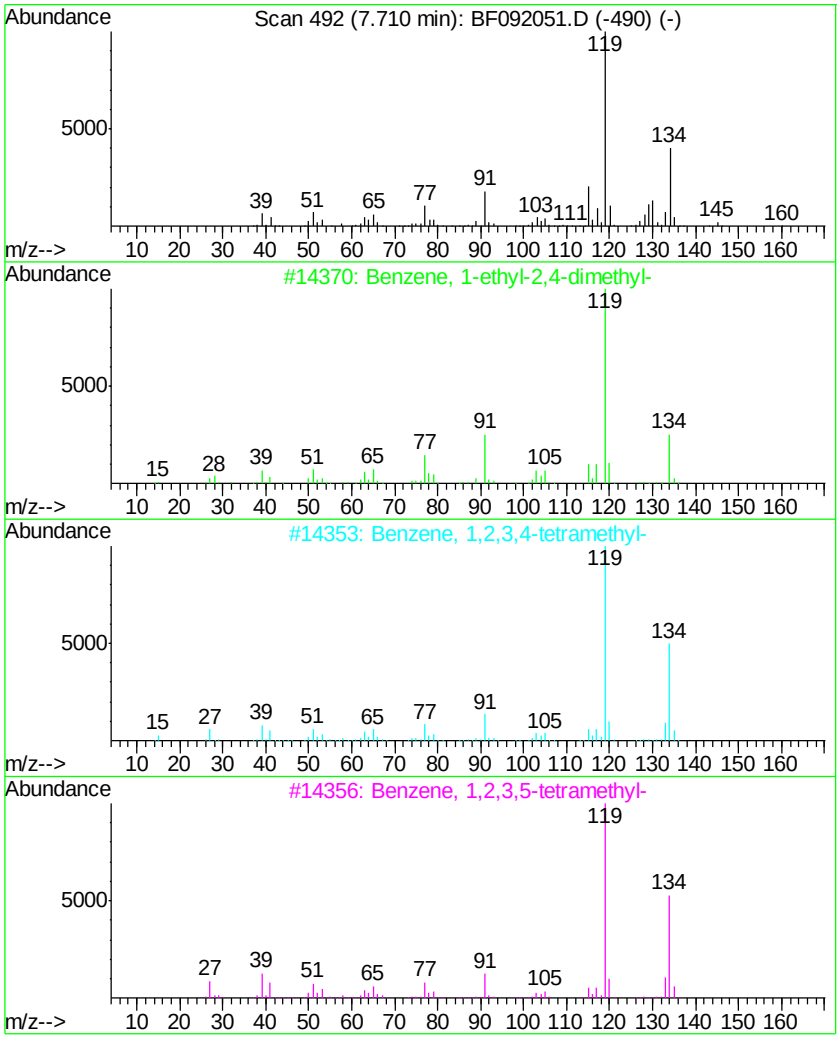
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

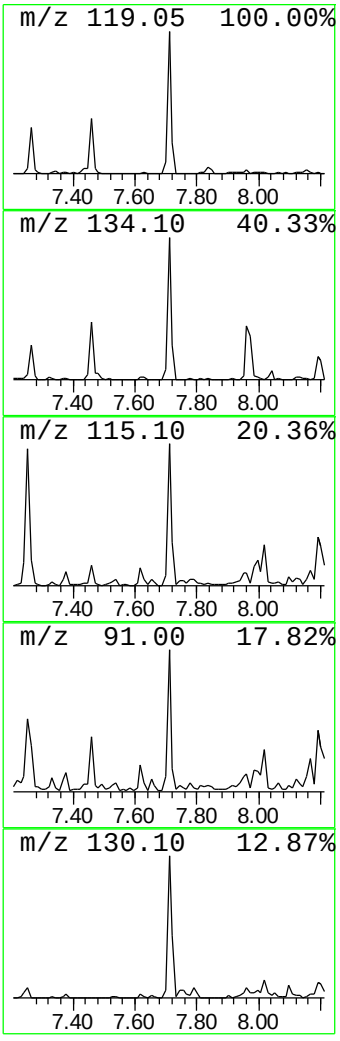
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	12.50 ng	1218360	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	89
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	89
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

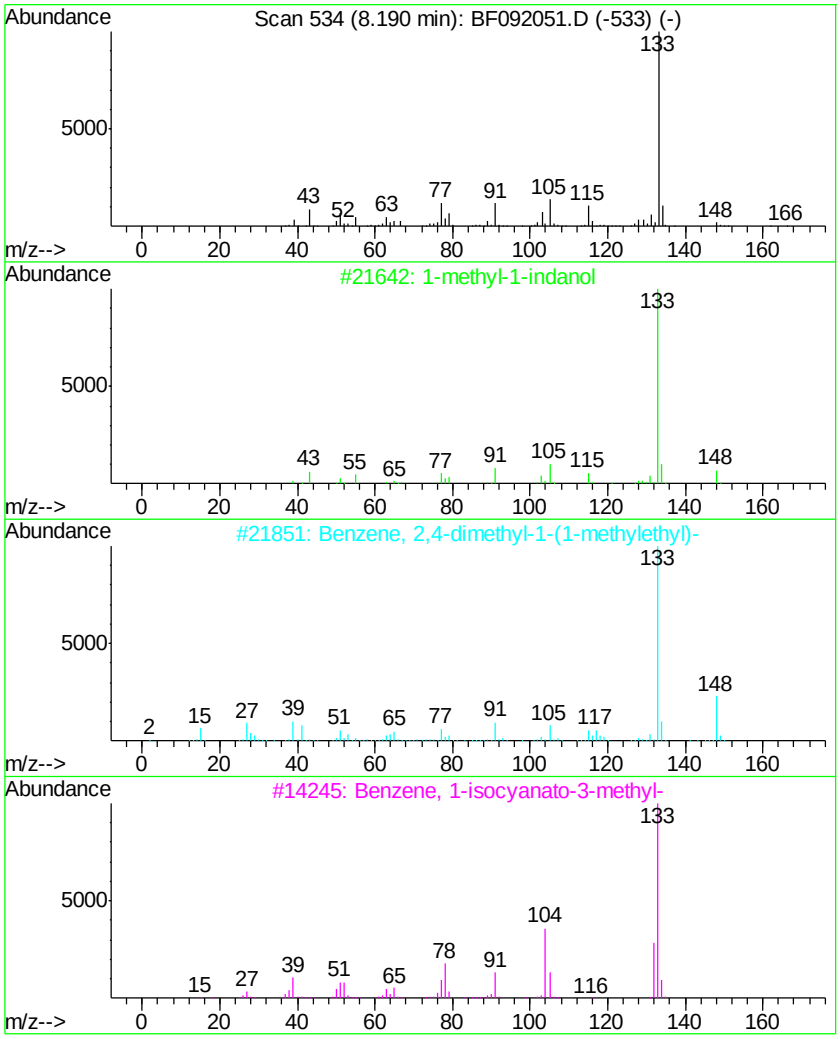
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

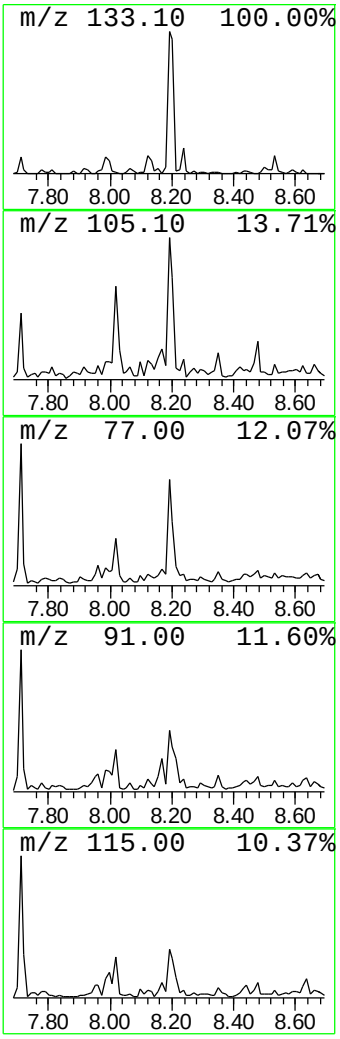
****

Peak Number 5 1-methyl-1-indanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	11.41 ng	1112320	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-methyl-1-indanol	148	C10H12O	064666-42-8	78
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
3	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	72
4	3-Chloro-N-isochroman-1-ylmethyl...	253	C13H16ClNO2	1000297-29-7	64
5	Benzamide, 4-[5-(2,4,6-trimethyl...	353	C18H19N5OS	309735-33-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

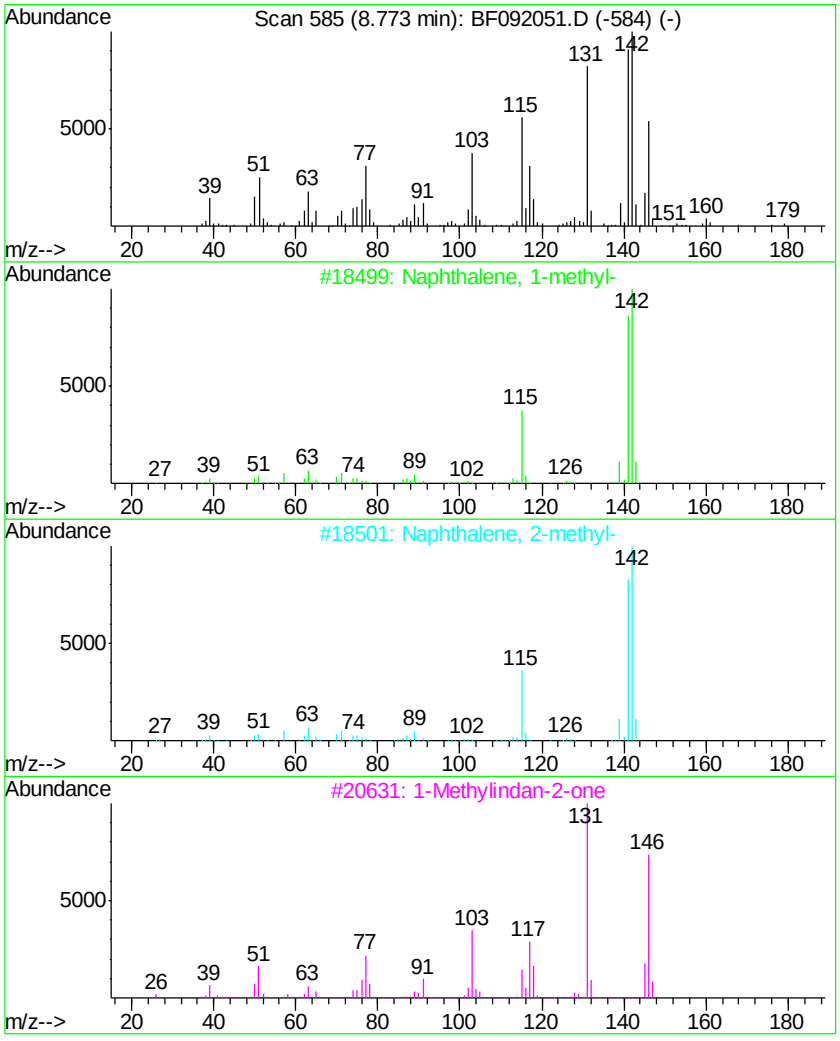
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

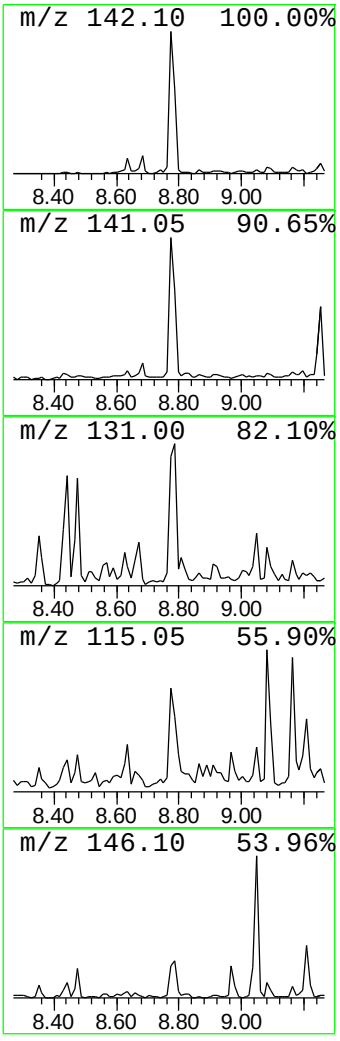
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	6.25 ng	609551	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	70
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	62
4	Benzocycloheptatriene	142	C11H10	000264-09-5	55
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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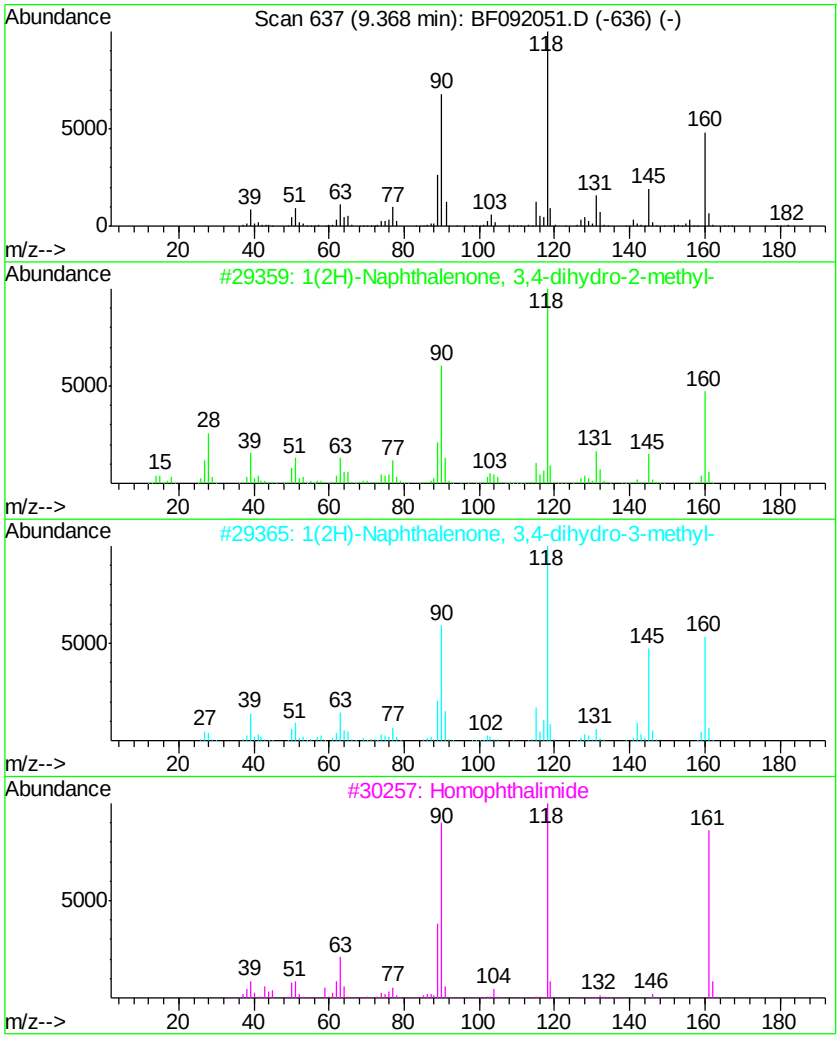
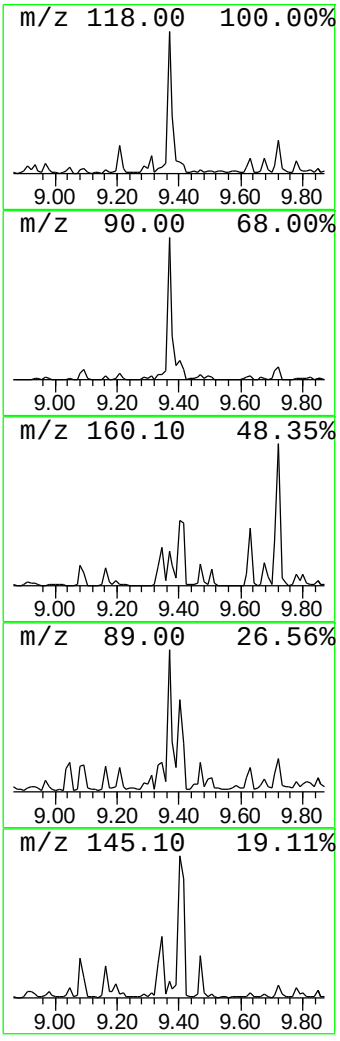
Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	6.47 ng	997801	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	94
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	83
3	Homophthalimide	161	C9H7NO2	004456-77-3	50
4	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	50
5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	50





Library Search Compound Report

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Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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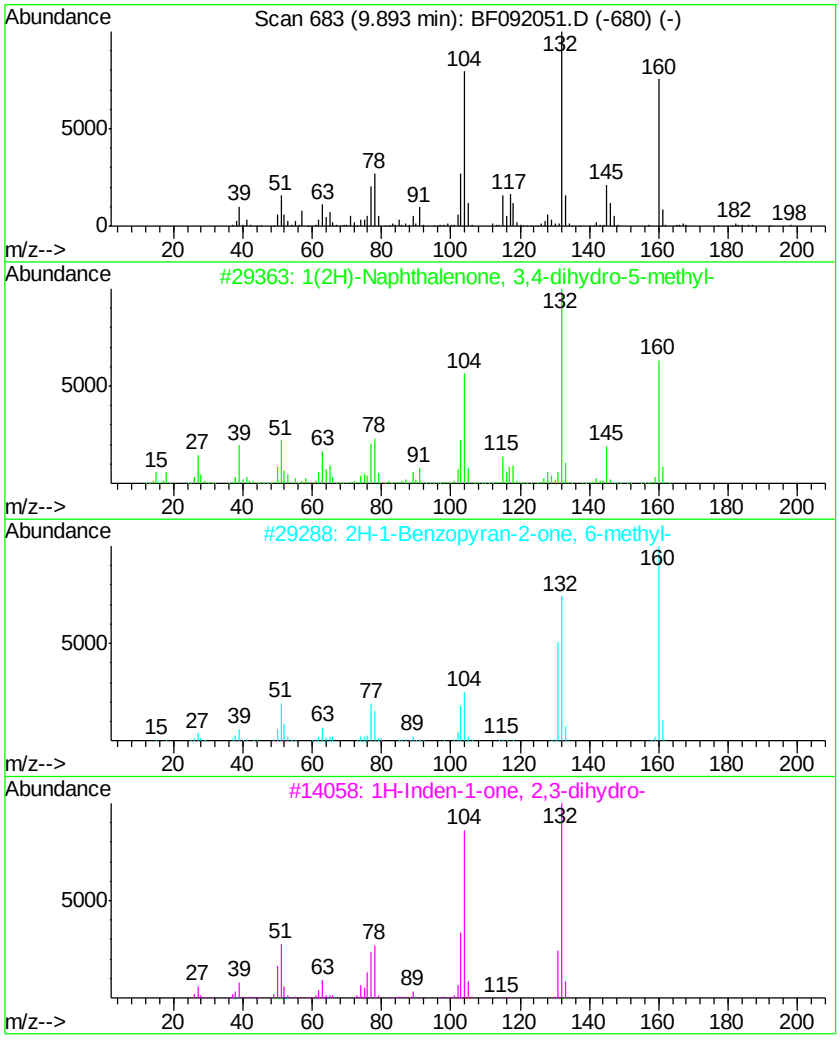
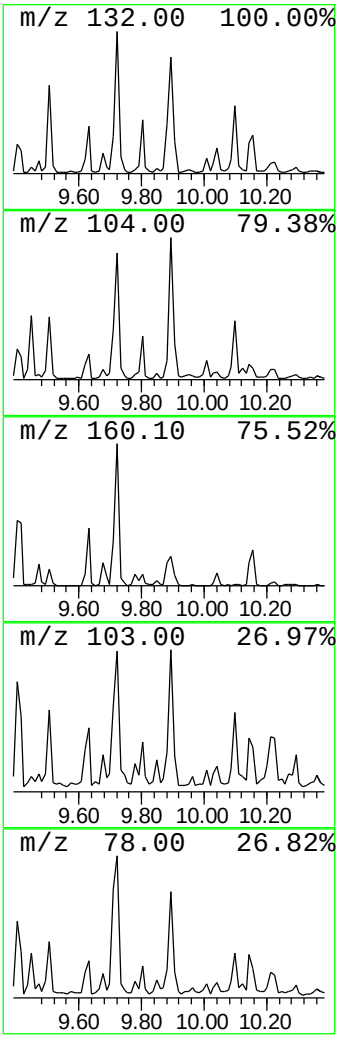
Peak Number 8 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	8.03 ng	1237900	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	94
2	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	58
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	53
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	46
5	2-Methyl-1(2H)-phthalazinone	160	C9H8N2O	006091-81-2	46





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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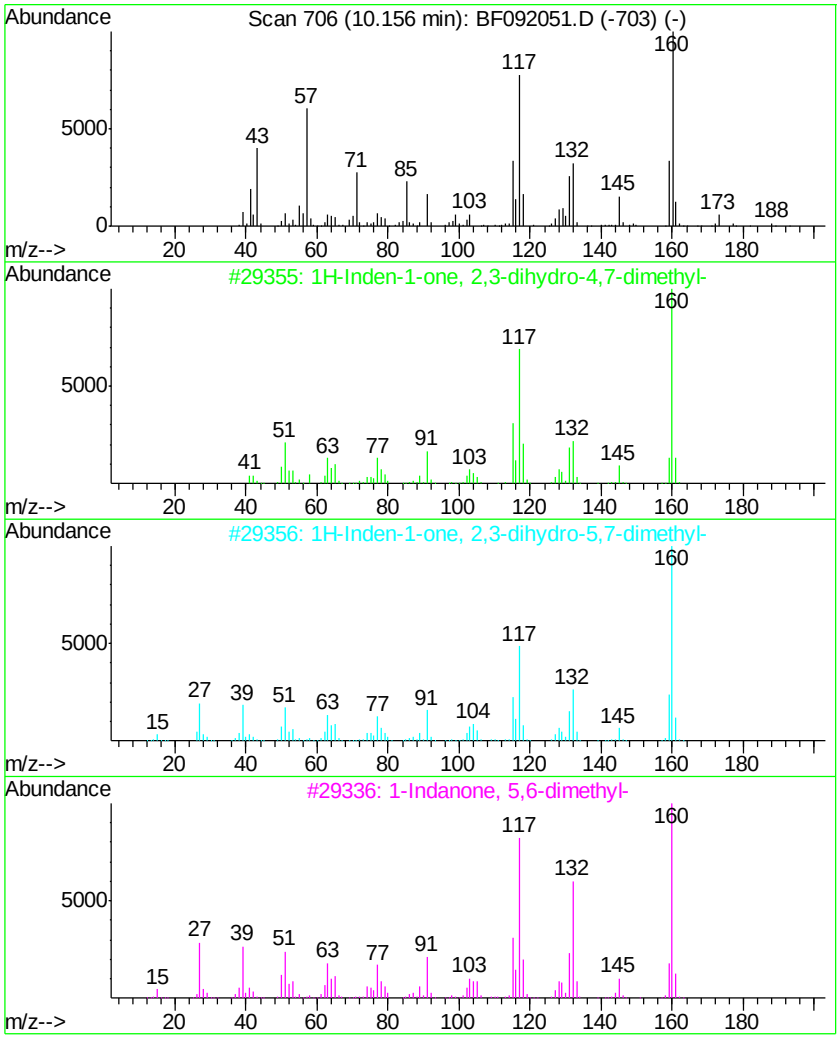
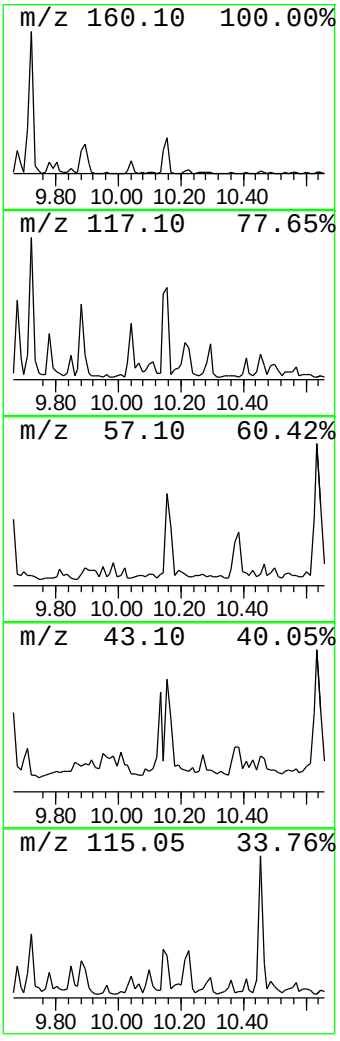
Peak Number 9 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	8.37 ng	1289500	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	87
2	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	70
3	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	64
4	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	46
5	8-Quinolinol, 5-amino-	160	C9H8N2O	013207-66-4	43





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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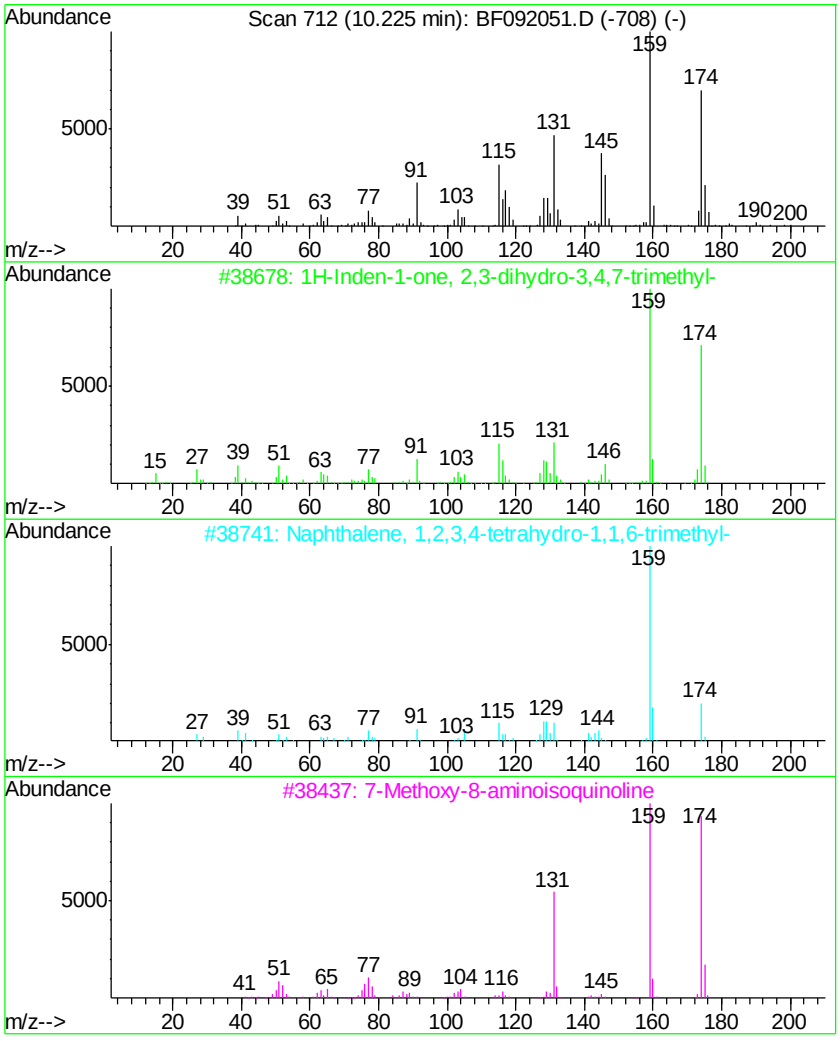
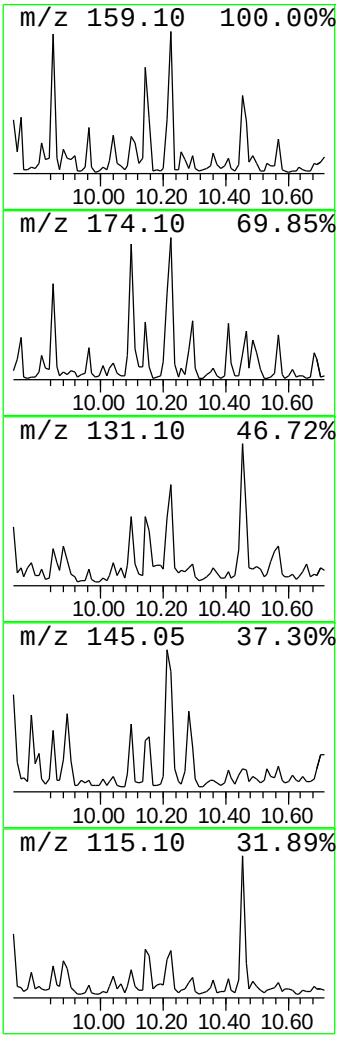
Peak Number 10 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.05 ng	1086340	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	60
3	7-Methoxy-8-aminoisoquinoline	174	C10H10N2O	055766-74-0	58
4	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	53
5	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	52





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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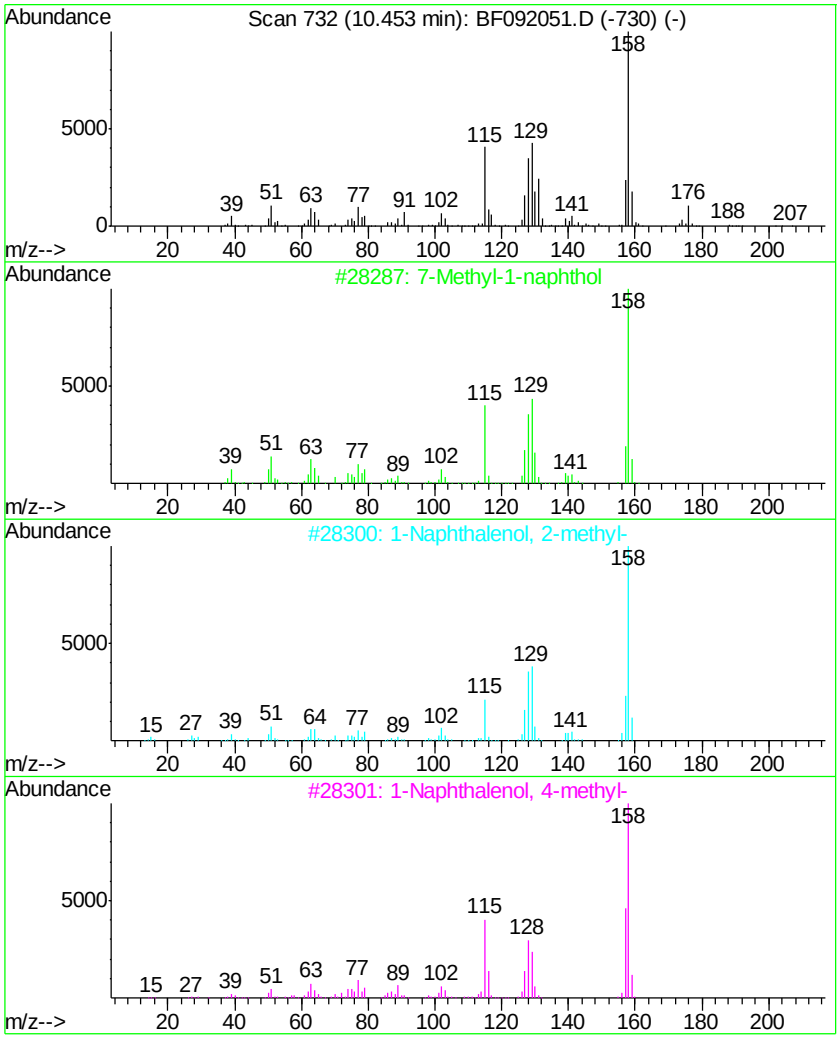
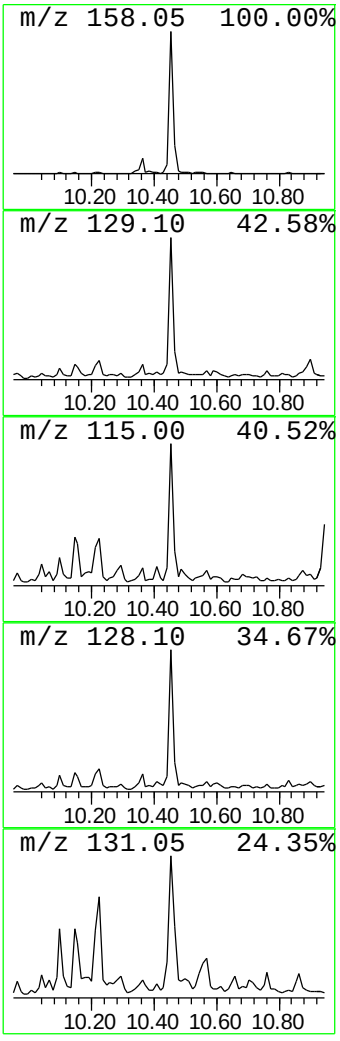
Peak Number 11 7-Methyl-1-naphthol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	9.20 ng	1417430	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	94
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	76
3	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	53
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	49
5	8-Aminoquinaldine	158	C10H10N2	018978-78-4	43





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Instrument : BNA_F
ClientSampleId : MW-01

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TIC Library : C:\DATABASE\NIST02.L
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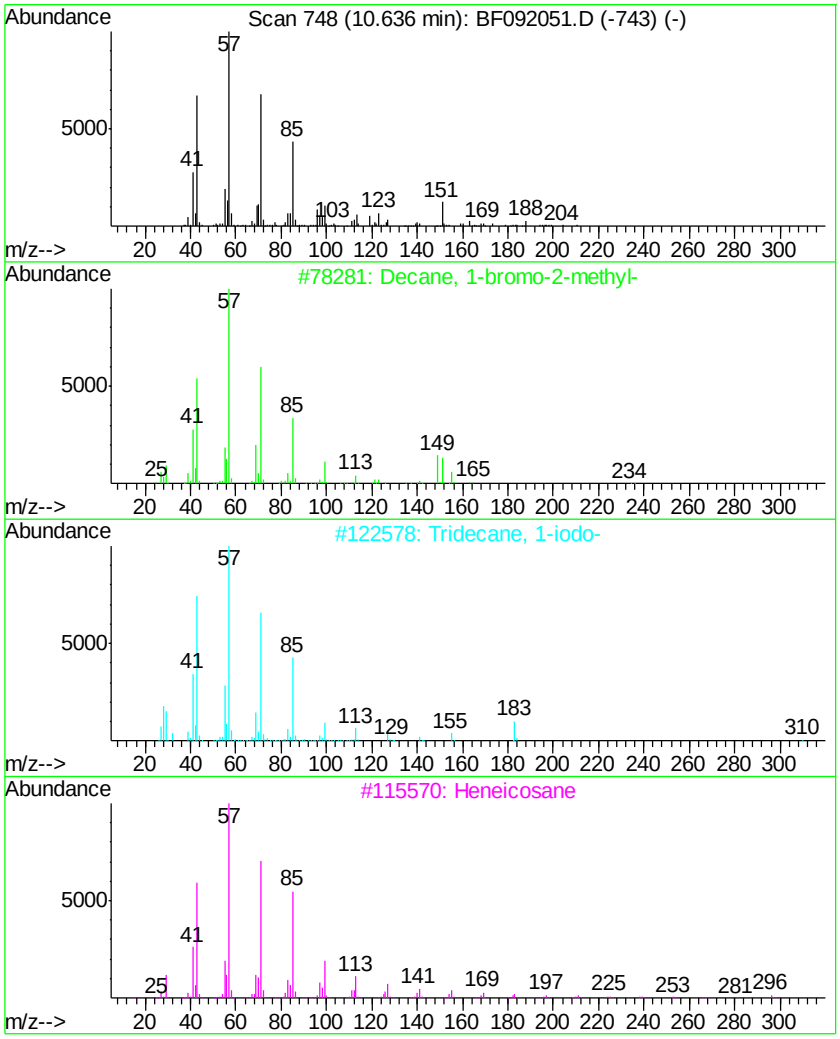
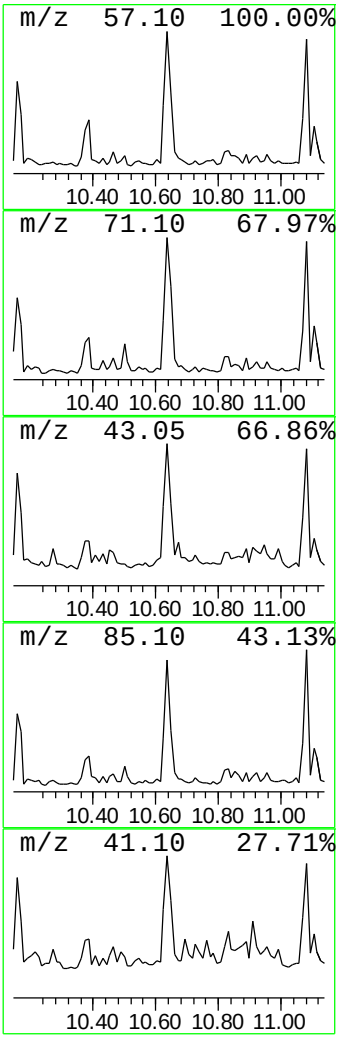
Peak Number 12 Decane, 1-bromo-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	12.12 ng	1029580	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetradecane	198	C14H30	000629-59-4	72
5	Heptadecane	240	C17H36	000629-78-7	72





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

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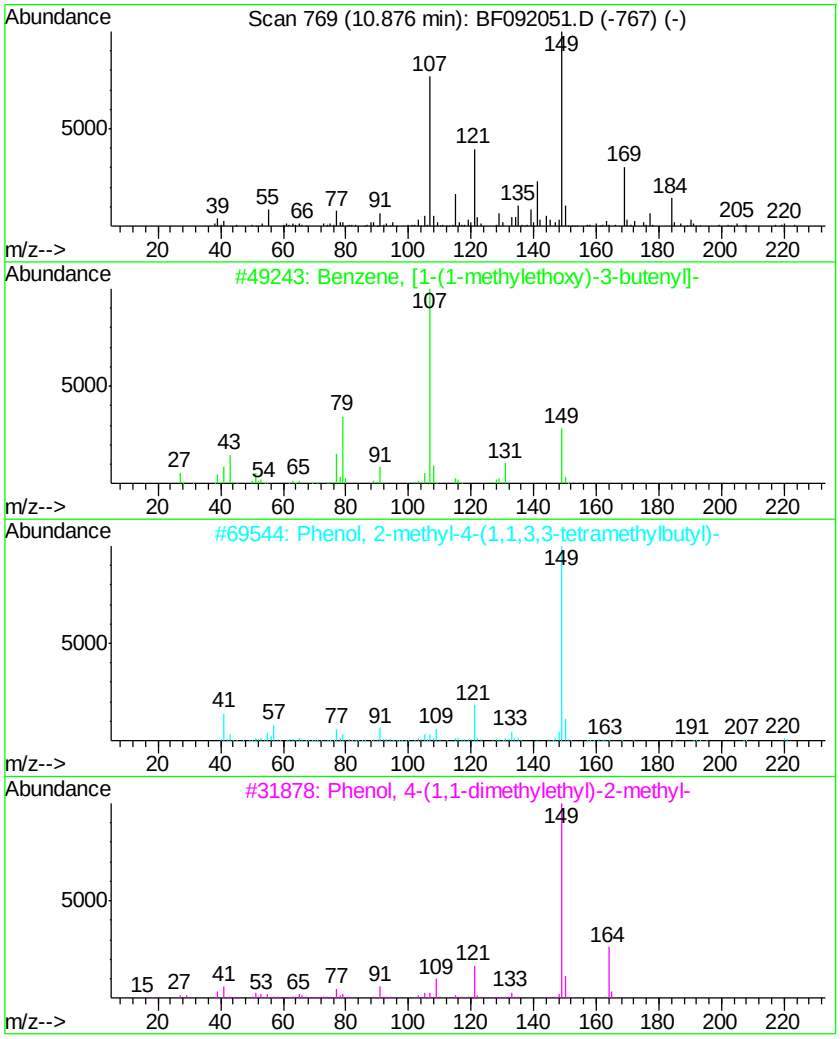
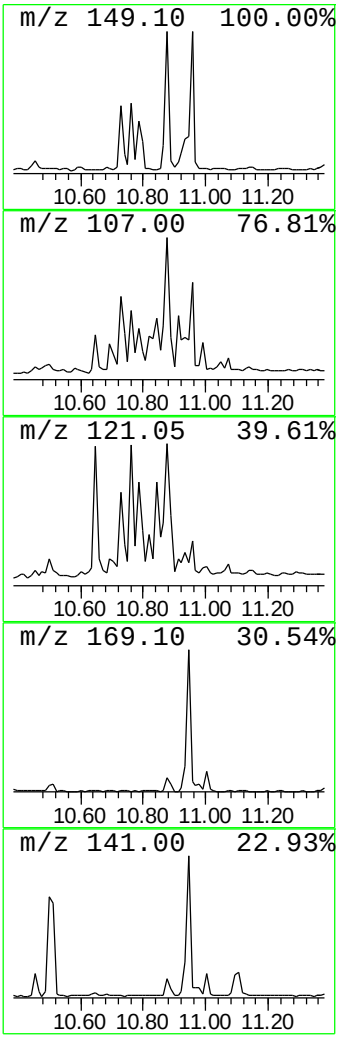
Peak Number 13 Benzene, [1-(1-methylethoxy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	6.14 ng	521419	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	50
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	30
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	27
5	2-Methylenebornane	150	C11H18	027538-47-2	25





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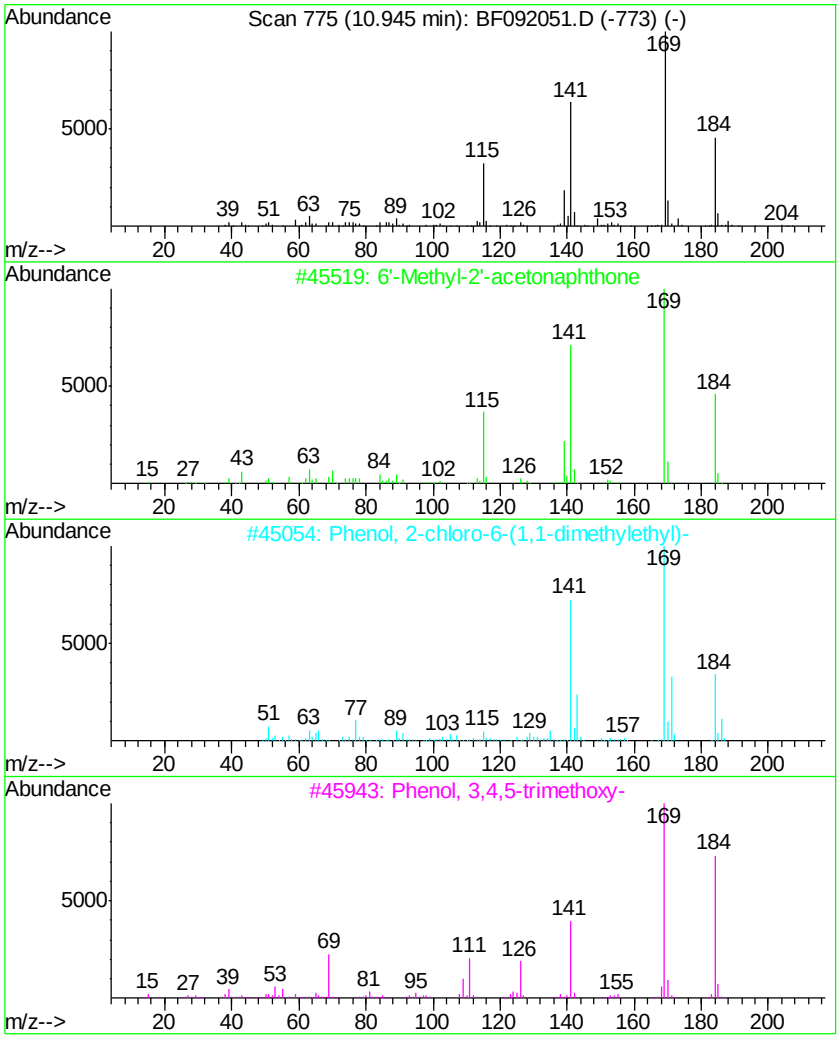
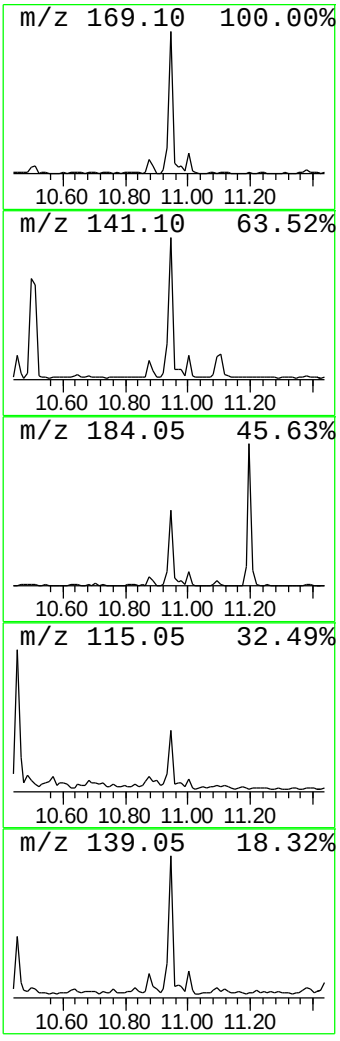
Peak Number 14 6'-Methyl-2'-acetonaphthone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	8.38 ng	711657	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6'-Methyl-2'-acetonaphthone	184	C13H12O	024875-94-3	95
2	Phenol, 2-chloro-6-(1,1-dimethyl...	184	C10H13ClO	004237-37-0	64
3	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	64
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	59
5	Heptanal, diethylhydrazone	184	C11H24N2	075268-03-0	50





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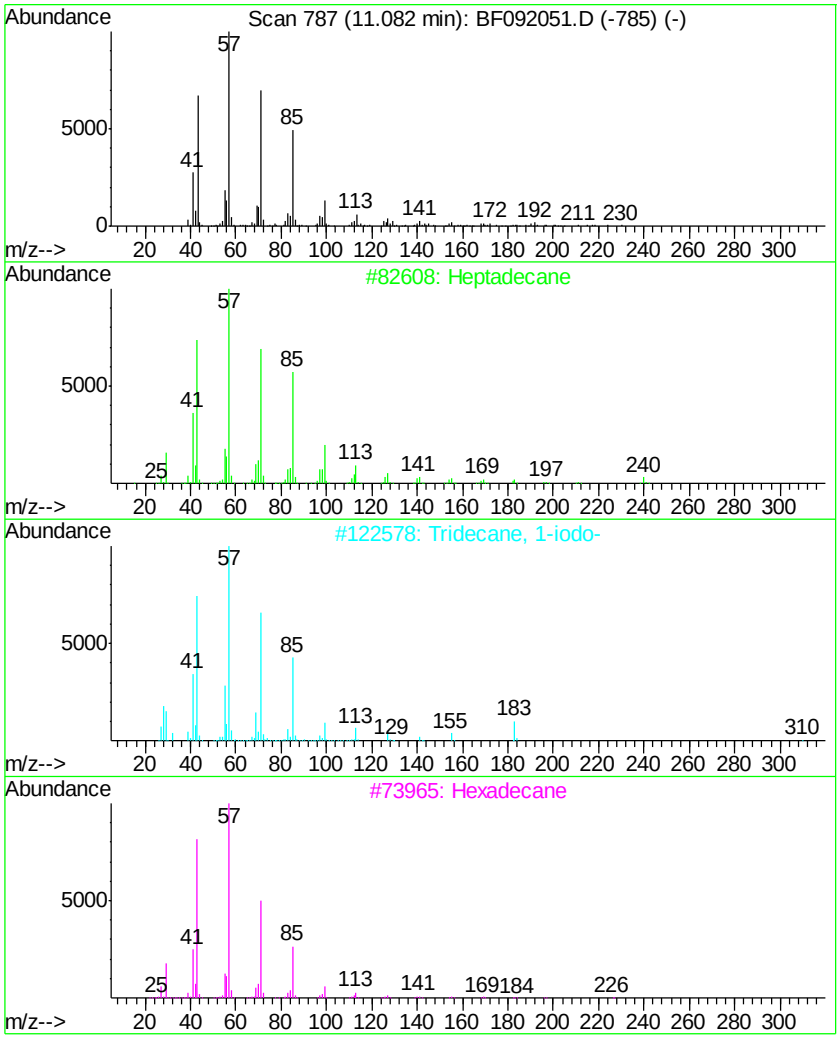
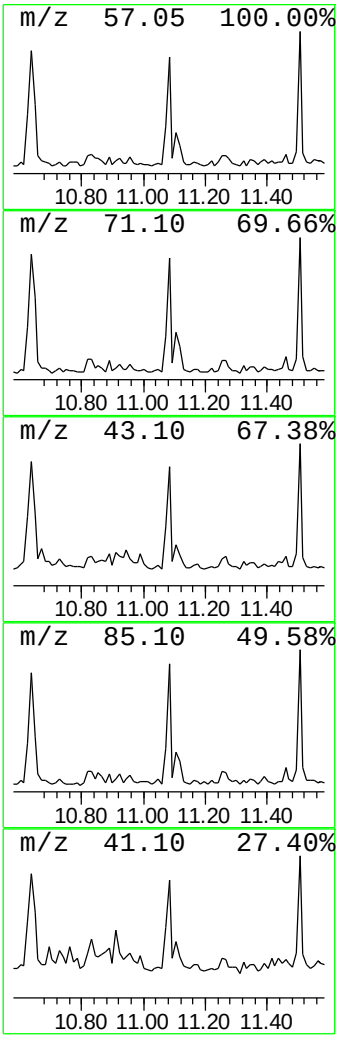
Peak Number 15 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	8.42 ng	715536	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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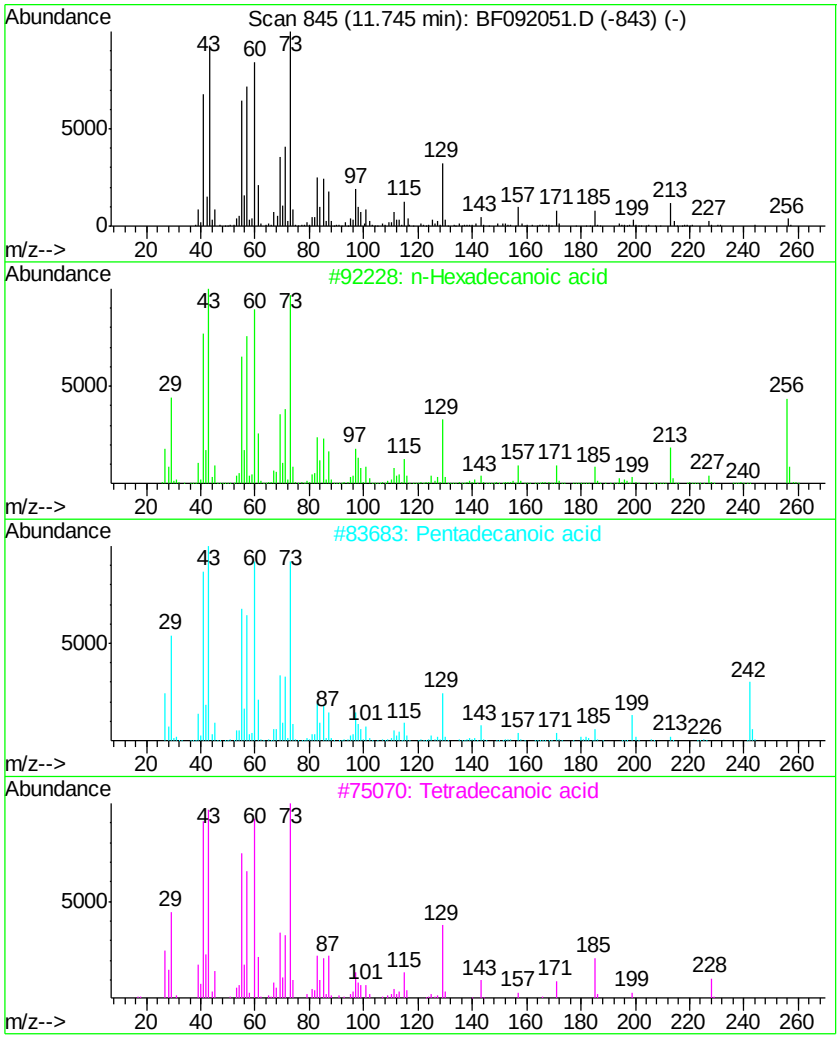
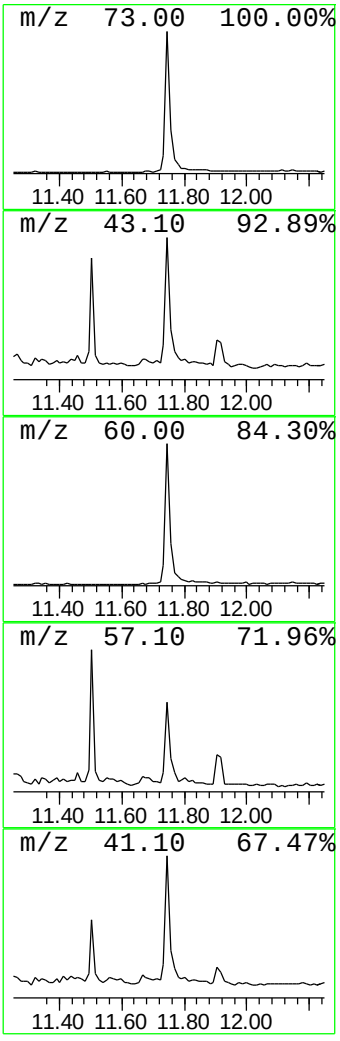
Peak Number 16 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	10.21 ng	867808	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecane	184	C13H28	000629-50-5	11
5	Undecane	156	C11H24	001120-21-4	11





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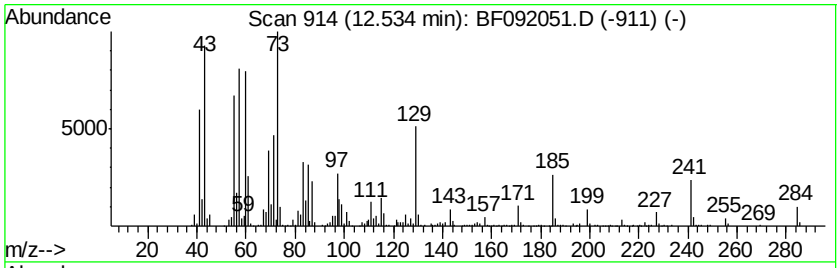
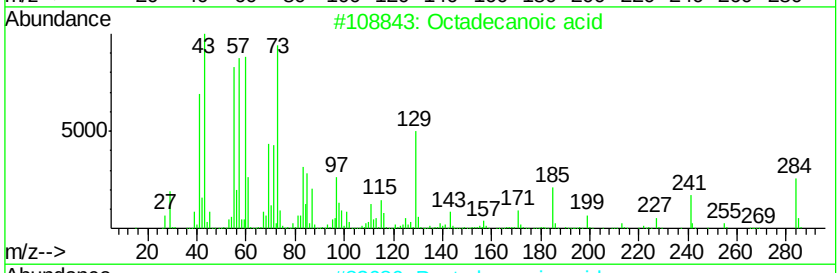
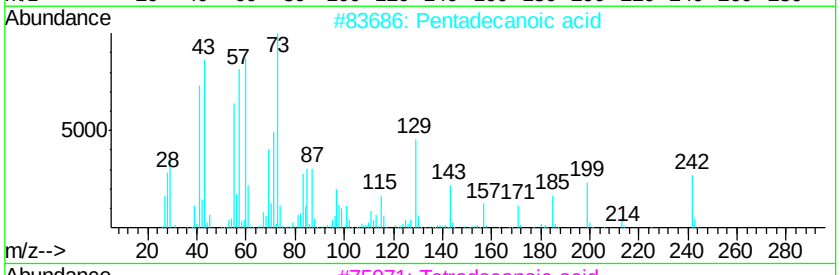
Peak Number 17 Octadecanoic acid Concentration Rank 3

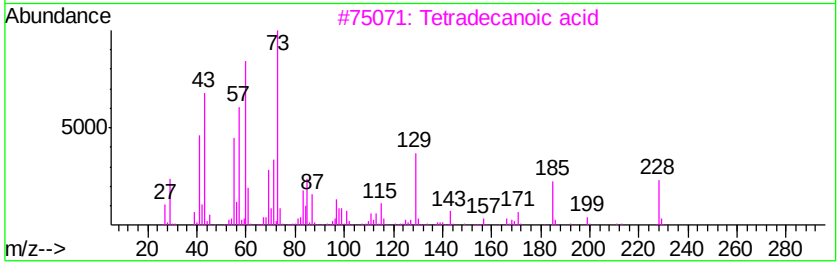
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	15.68 ng	911472	Chrysene-d12	13.83

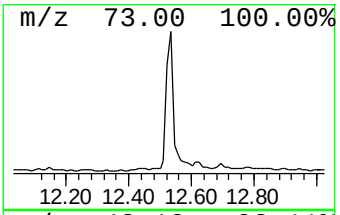
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72

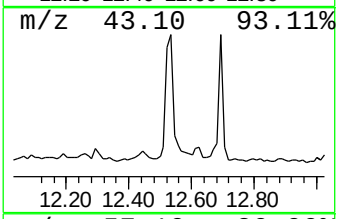


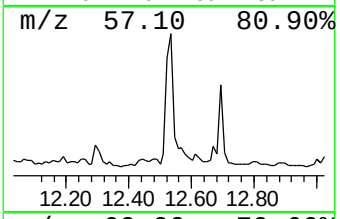


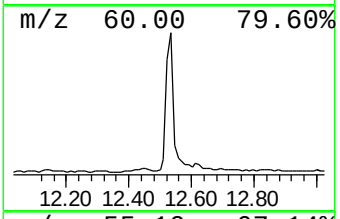


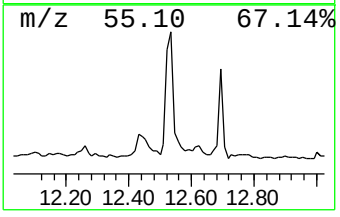












Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092051.D
Acq On : 30 Dec 2016 17:54
Operator : UM/SJ
Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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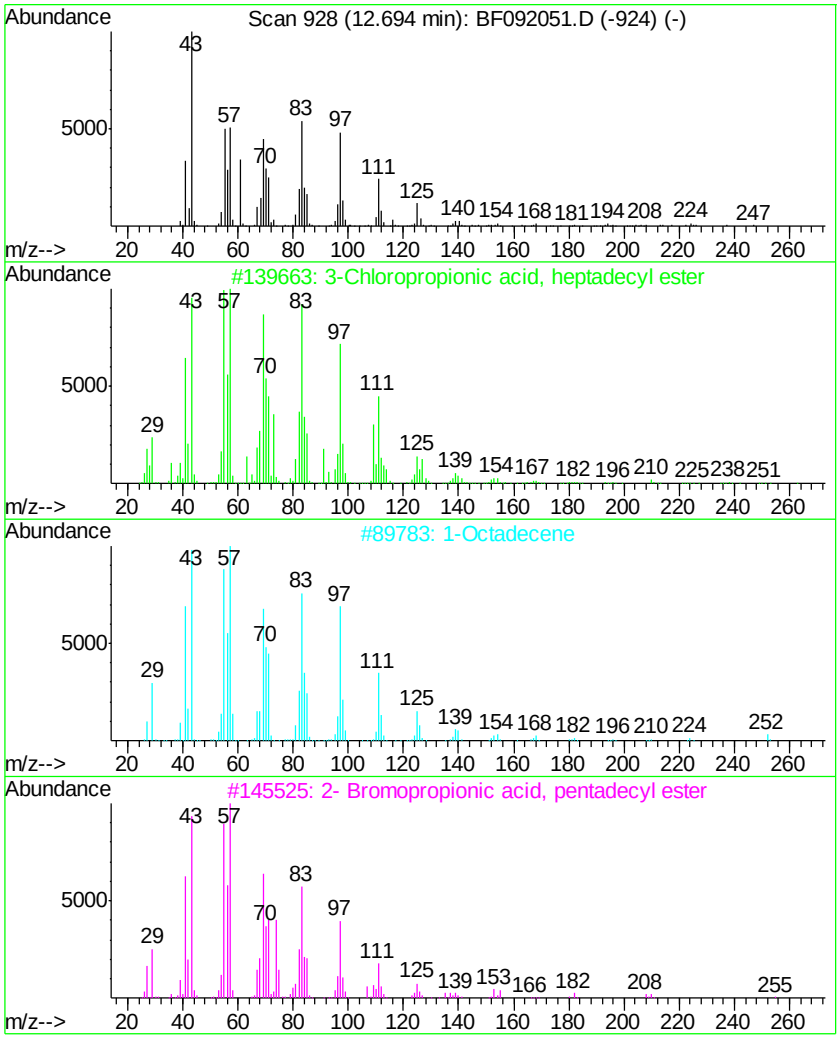
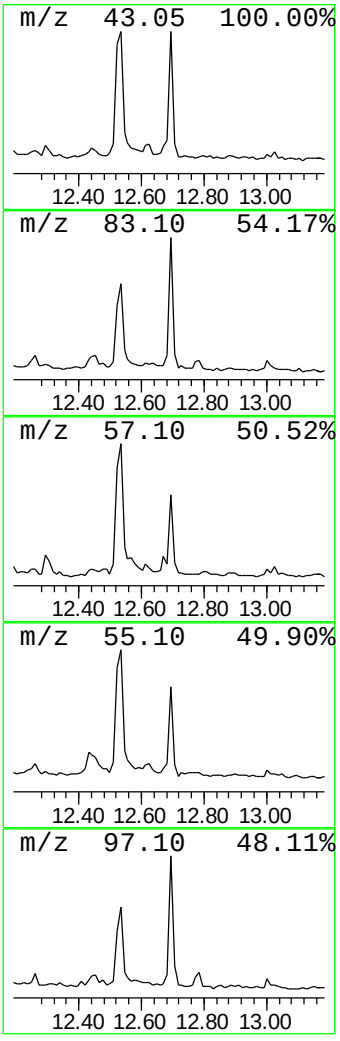
Peak Number 18 3-Chloropropionic acid, hep... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.73 ng	391097	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
2	1-Octadecene	252	C18H36	000112-88-9	87
3	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	87
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	86





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Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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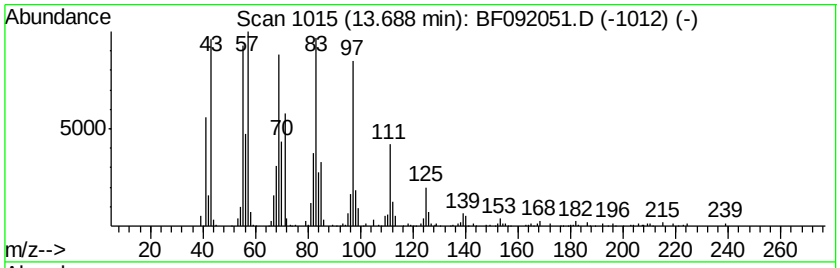
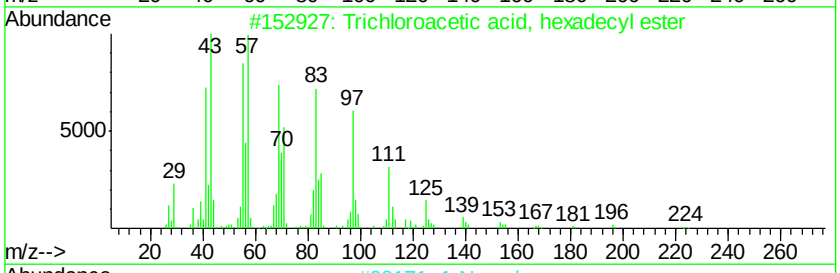
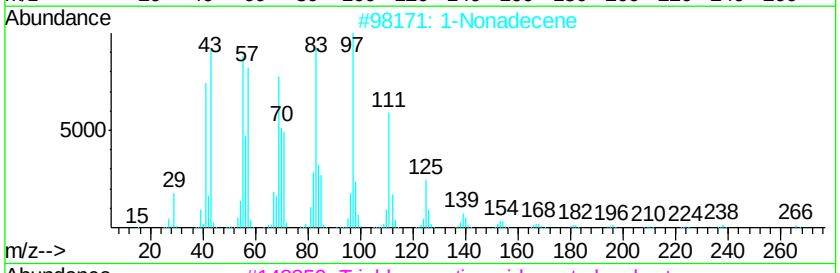
Peak Number 19 Trichloroacetic acid, hexad... Concentration Rank 20

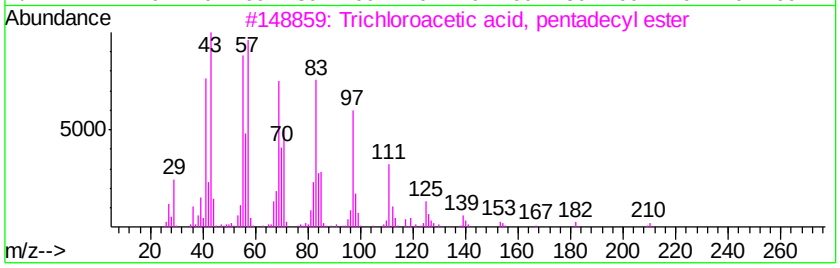
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.90 ng	343088	Chrysene-d12	13.83

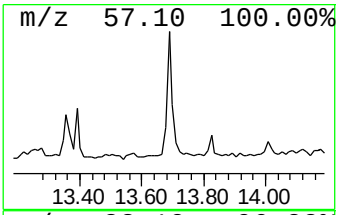
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91

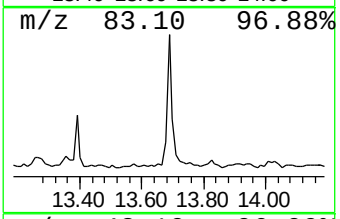


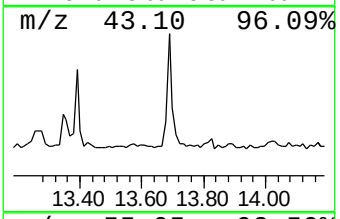


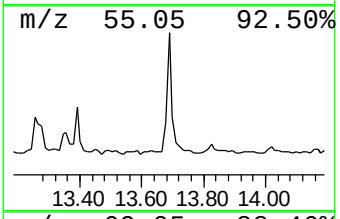


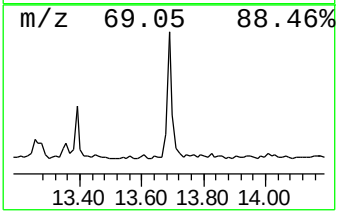












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Sample : H6318-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

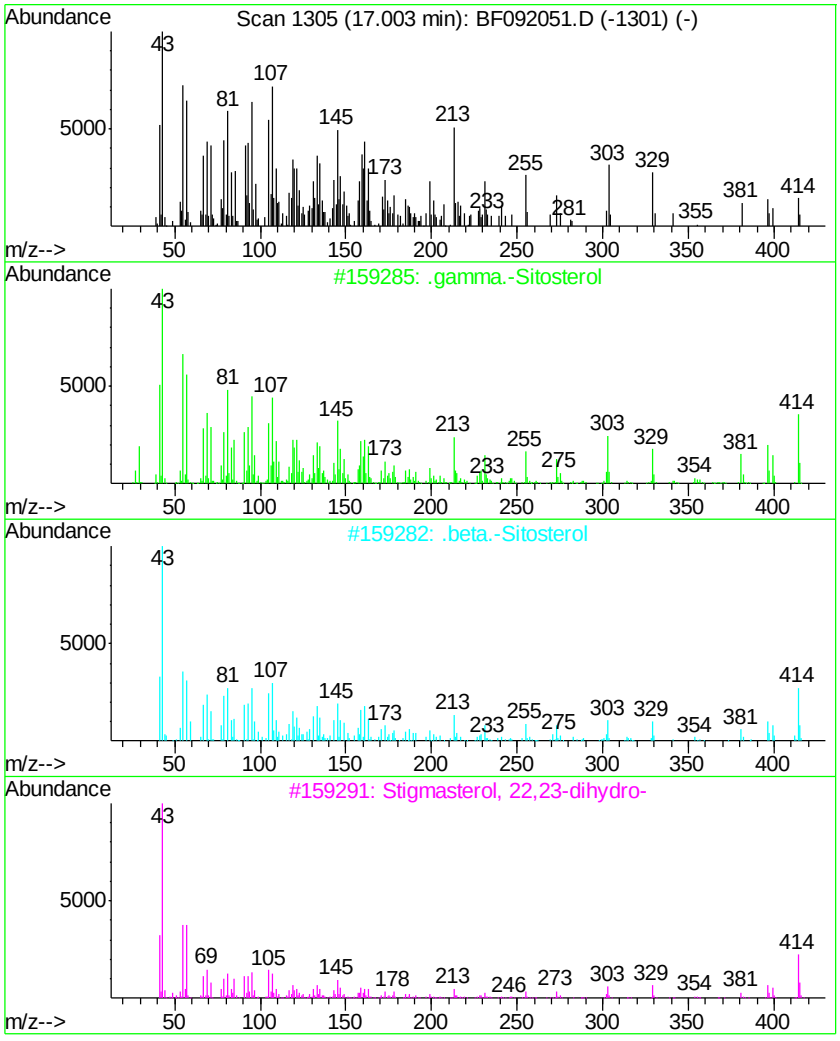
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

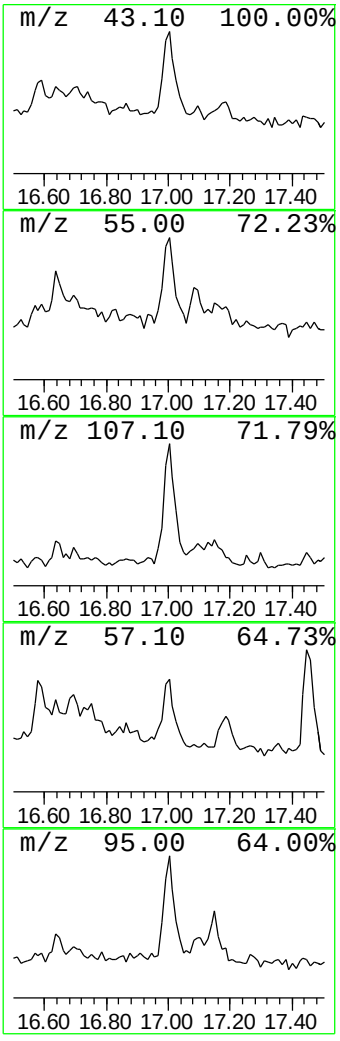
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	6.81 ng	368123	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	95
4	Bicyclo[2.2.1]heptane, 2-cyclopr...	176	C13H20	1000159-45-7	25
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092051.D
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	7.6	ng	511502	1	6.68	1352060	20.0
unknown6.45	6.45	37.5	ng	2535310	1	6.68	1352060	20.0
Benzene, 1-ethyl-...	7.71	12.5	ng	1218360	2	7.96	1950160	20.0
1-methyl-1-indanol	8.19	11.4	ng	1112320	2	7.96	1950160	20.0
Naphthalene, 1-me...	8.77	6.3	ng	609551	2	7.96	1950160	20.0
1(2H)-Naphthaleno...	9.37	6.5	ng	997801	3	9.72	3082900	20.0
1(2H)-Naphthaleno...	9.89	8.0	ng	1237900	3	9.72	3082900	20.0
1H-Inden-1-one, 2...	10.16	8.4	ng	1289500	3	9.72	3082900	20.0
1H-Inden-1-one, 2...	10.22	7.0	ng	1086340	3	9.72	3082900	20.0
7-Methyl-1-naphthol	10.45	9.2	ng	1417430	3	9.72	3082900	20.0
Decane, 1-bromo-2...	10.64	12.1	ng	1029580	4	11.20	1699180	20.0
Benzene, [1-(1-me...	10.88	6.1	ng	521419	4	11.20	1699180	20.0
6'-Methyl-2'-acet...	10.94	8.4	ng	711657	4	11.20	1699180	20.0
Heptadecane	11.08	8.4	ng	715536	4	11.20	1699180	20.0
n-Hexadecanoic acid	11.75	10.2	ng	867808	4	11.20	1699180	20.0
Octadecanoic acid	12.53	15.7	ng	911472	5	13.83	1162530	20.0
3-Chloropropionic...	12.69	6.7	ng	391097	5	13.83	1162530	20.0
Trichloroacetic a...	13.69	5.9	ng	343088	5	13.83	1162530	20.0
.gamma.-Sitosterol	17.00	6.8	ng	368123	6	15.21	1081090	20.0