LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

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-BF090115.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	3.290	146	149	153	rVB	15335	31546	1.61%	0.125%
2	4.387	243	245	257	rVB	202799	328958	16.78%	1.302%
3	4.901	287	290	296	rBV	552118	749156	38.21%	2.966%
4	5.039	300	302	304	rBV	76106	80267	4.09%	0.318%
5	5.793	366	368	371	rVB	27597	30076	1.53%	0.119%
6	5.861	371	374	376	rBV	20088	26932	1.37%	0.107%
7	6.021	386	388	391	rBV	484063	481888	24.58%	1.908%
8	6.124	394	397	399	rVV	1568205	1527503	77.91%	6.047%
9	6.182	399	402	404	rVB	28763	30638	1.56%	0.121%
10	6.319	410	414	415	rBV2	23359	30960	1.58%	0.123%
11	6.353	415	417	420	rVV	463196	406428	20.73%	1.609%
12	6.422	420	423	425	rVV2	60982	86636	4.42%	0.343%
13	6.513	429	431	432	rBV	1626084	1464148	74.68%	5.796%
14	6.536	432	433	436	rVB	279766	230762	11.77%	0.914%
15	6.627	438	441	442	rBV	52423	64050	3.27%	0.254%
16	6.696	445	447	450	rVB2	55602	90971	4.64%	0.360%
17	6.799	453	456	457	rBV2	18625	29583	1.51%	0.117%
18	6.844	457	460	463	rVB	38719	52601	2.68%	0.208%
19	6.936	463	468	473	rBV2	1370078	1678978	85.63%	6.647%
20	7.027	473	476	477	rBV2	26833	34346	1.75%	0.136%
21	7.062	477	479	480	rVB	62944	47065	2.40%	0.186%
22	7.107	480	483	484	rBV	40409	58451	2.98%	0.231%
23	7.153	484	487	491	rVB	102438	194444	9.92%	0.770%
24	7.222	491	493	495	rVB	23563	29763	1.52%	0.118%
25	7.279	495	498	499	rBV2	36859	63142	3.22%	0.250%
26	7.324	499	502	506	rVB	222878	263222	13.43%	1.042%
27	7.393	506	508	510	rBV2	627467	676662	34.51%	2.679%
28	7.439	510	512	514	rBV2	53153	78138	3.99%	0.309%
29	7.484	514	516	518	rVB3	54338	70713	3.61%	0.280%
30	7.542	518	521	523	rBV	43259	59628	3.04%	0.236%
31	7.645	526	530	532	rBV	789409	791943	40.39%	3.135%
32	7.702	532	535	537	rVB2	173421	274472	14.00%	1.087%
33	7.747	537	539	541	rVB3	47671	72225	3.68%	0.286%
34	7.816	541	545	546	rBV2	51959	69283	3.53%	0.274%

LSC Area Percent Report

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Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.850	546	548	550	rBV	128332	125487	6.40%	0.497%
36	7.896	550	552	553	rBV	129824	115540	5.89%	0.457%
37	7.930	553	555	559	rVB2	149964	164227	8.38%	0.650%
38	8.045	561	565	567	rVB	152097	171925	8.77%	0.681%
39	8.125	568	572	573	rBV2	152429	230399	11.75%	0.912%
40	8.159	573	575	576	rBV	258612	263330	13.43%	1.042%
41	8.216	576	580	581	rVV3	43667	55300	2.82%	0.219%
42	8.239	581	582	585	rVB2	259948	345268	17.61%	1.367%
43	8.307	585	588	590	rVB2	271455	298886	15.24%	1.183%
44	8.353	590	592	594	rBV2	75194	132071	6.74%	0.523%
45	8.399	594	596	598	rVB2	52169	79546	4.06%	0.315%
46	8.456	598	601	607	rBV4	369662	687293	35.05%	2.721%
47	8.547	607	609	612	rBV3	62208	105536	5.38%	0.418%
48	8.605	612	614	617	rBV2	86530	147697	7.53%	0.585%
49	8.650	617	618	620	rVB2	74830	75904	3.87%	0.300%
50	8.696	620	622	623	rBV2	72689	109583	5.59%	0.434%
51	8.730	623	625	627	rVV	2102549	1960681	100.00%	7.762%
52	8.765	627	628	630	rVB2	49009	52643	2.68%	0.208%
53	8.822	630	633	634	rVB2	25293	41017	2.09%	0.162%
54	8.890	634	639	641	rBV2	142982	353820	18.05%	1.401%
55	8.982	644	647	649	rBV2	288348	512520	26.14%	2.029%
56	9.050	651	653	655	rVV	391636	578138	29.49%	2.289%
57	9.130	658	660	662	rBV	279881	401120	20.46%	1.588%
58	9.165	662	663	666	rVB	97073	182464	9.31%	0.722%
59	9.210	666	667	669	rBV2	36923	38916	1.98%	0.154%
60	9.245	669	670	672	rBV2	60193	72825	3.71%	0.288%
61	9.382	680	682	686	rBV3	433746	667308	34.03%	2.642%
62	9.496	688	692	695	rVV4	73202	173549	8.85%	0.687%
63	9.542	695	696	697	rVV	36943	27182	1.39%	0.108%
64	9.599	699	701	702	rVV	76089	98606	5.03%	0.390%
65	9.633	702	704	705	rVB	64635	47471	2.42%	0.188%
66	9.713	709	711	714	rBV3	90494	170863	8.71%	0.676%
67	9.793	714	718	719	rBV2	52646	91484	4.67%	0.362%
68	9.828	719	721	723	rVB2	88924	118207	6.03%	0.468%
69	9.885	724	726	728	rBV3	48007	68747	3.51%	0.272%
70	9.930	728	730	731	rVB2	78062	86088	4.39%	0.341%
71	9.988	733	735	740	rVB	145327	181168	9.24%	0.717%

LSC Area Percent Report

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Acq On : 6 Sep 2015 4:07
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Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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72	10.170	748	751	754	rVB	1081463	1129968	57.63%	4.473%
73	10.216	754	755	758	rVB2	29658	36715	1.87%	0.145%
74	10.296	760	762	763	rBV	89623	87859	4.48%	0.348%
75	10.331	763	765	770	rVB2	49915	114295	5.83%	0.452%
76	10.411	770	772	774	rBV3	22903	50638	2.58%	0.200%
77	10.468	775	777	778	rVB2	27556	25824	1.32%	0.102%
78	10.502	778	780	781	rBV	96377	97410	4.97%	0.386%
79	10.593	786	788	792	rVB3	64138	133967	6.83%	0.530%
80	10.662	792	794	796	rBV2	31136	44608	2.28%	0.177%
81	10.765	802	803	804	rVB	43666	29933	1.53%	0.118%
82	10.788	804	805	807	rVB	22349	28027	1.43%	0.111%
83	10.856	807	811	813	rBV	379382	582358	29.70%	2.305%
84	10.902	813	815	818	rVB3	29755	64248	3.28%	0.254%
85	10.971	818	821	823	rBV	74891	111771	5.70%	0.442%
86	11.131	833	835	837	rBV2	31684	43507	2.22%	0.172%
87	11.188	838	840	844	rVV3	30157	43958	2.24%	0.174%
88	11.245	844	845	850	rVB2	35300	70562	3.60%	0.279%
89	11.348	852	854	856	rVV	48454	85151	4.34%	0.337%
90	11.439	859	862	867	rVB2	269552	435239	22.20%	1.723%
91	11.599	874	876	878	rBV3	24963	40144	2.05%	0.159%
92	11.896	899	902	904	rBV	25002	31453	1.60%	0.125%
93	12.034	913	914	919	rVB5	21098	25847	1.32%	0.102%
94	12.125	919	922	927	rVB6	20137	51114	2.61%	0.202%
95	12.205	927	929	931	rBV	77798	87338	4.45%	0.346%
96	12.434	946	949	952	rBV	1429050	1713438	87.39%	6.783%
97	13.359	1028	1030	1036	rBV	109042	147158	7.51%	0.583%
98	13.451	1036	1038	1040	rVV	313942	392248	20.01%	1.553%
99	14.331	1112	1115	1117	rVB	42005	38934	1.99%	0.154%
100	14.765	1151	1153	1155	rBV	256052	278185	14.19%	1.101%

Sum of corrected areas: 25260284

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
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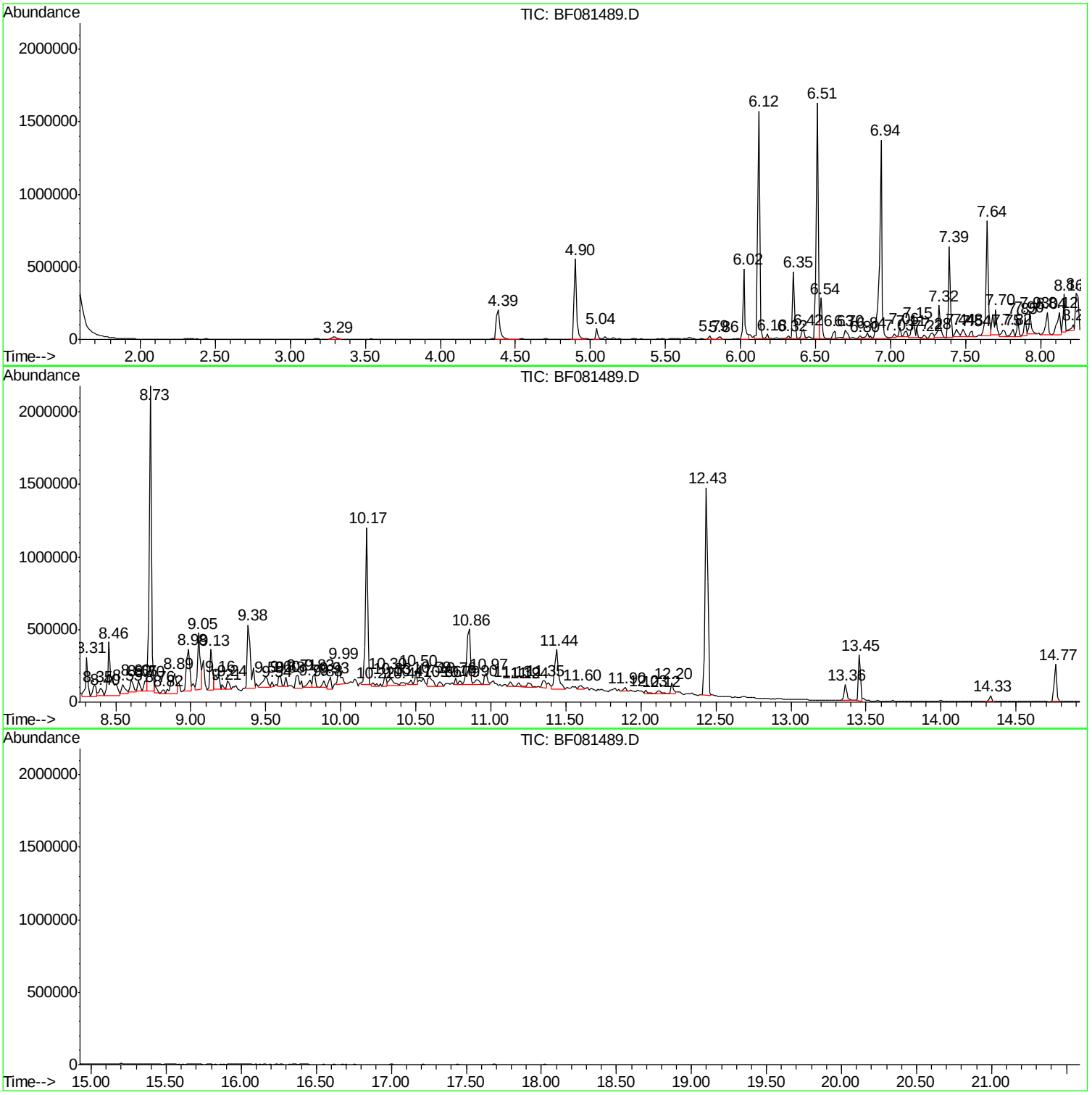
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
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Operator : UM/IZ
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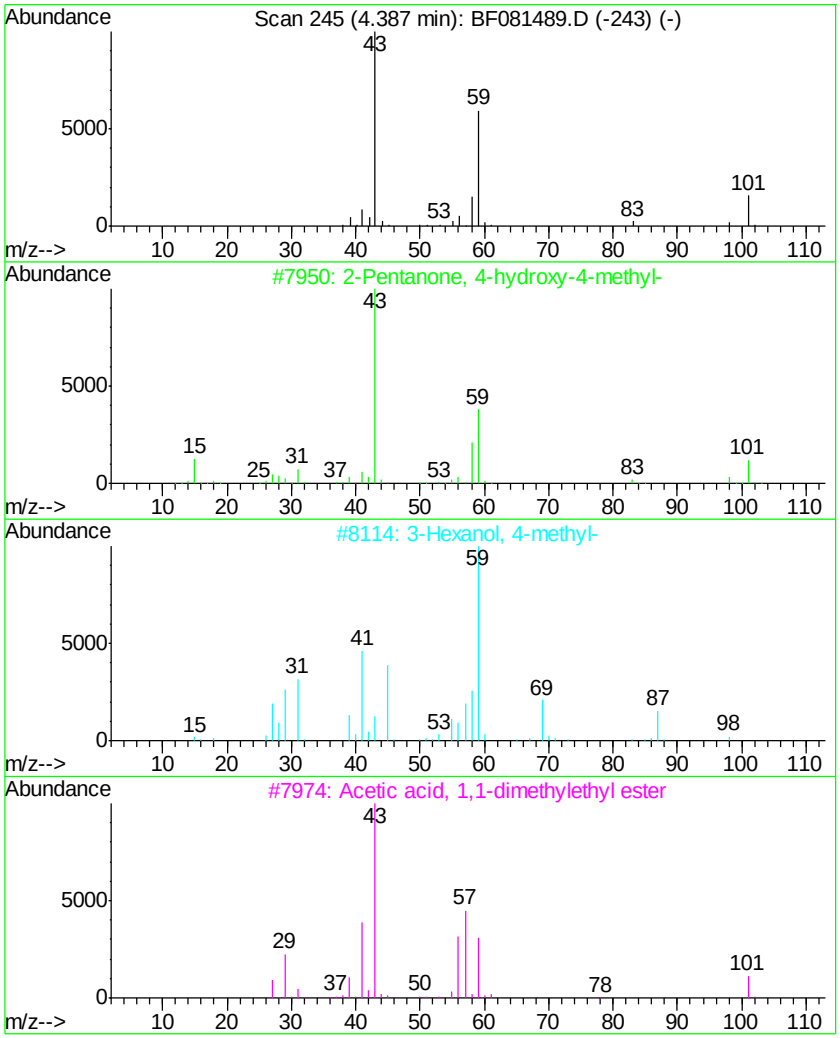
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

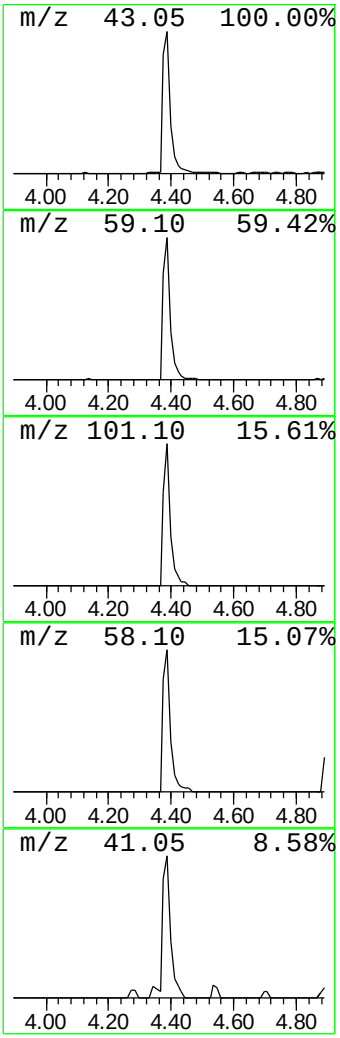
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	16.19 ng	328958	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

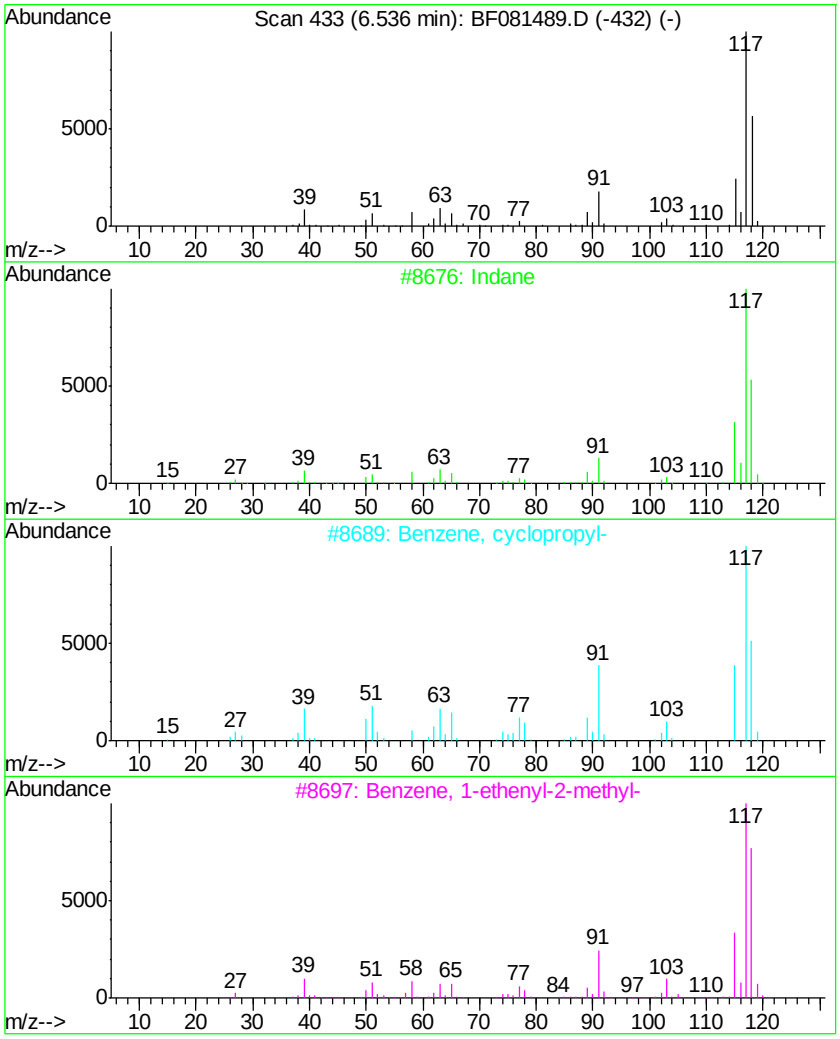
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

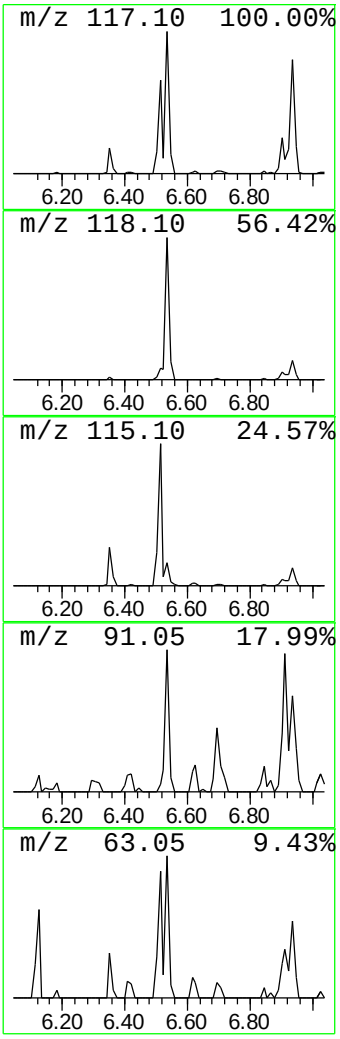
****

Peak Number 4 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	11.36 ng	230762	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	59





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Sample : G3419-06
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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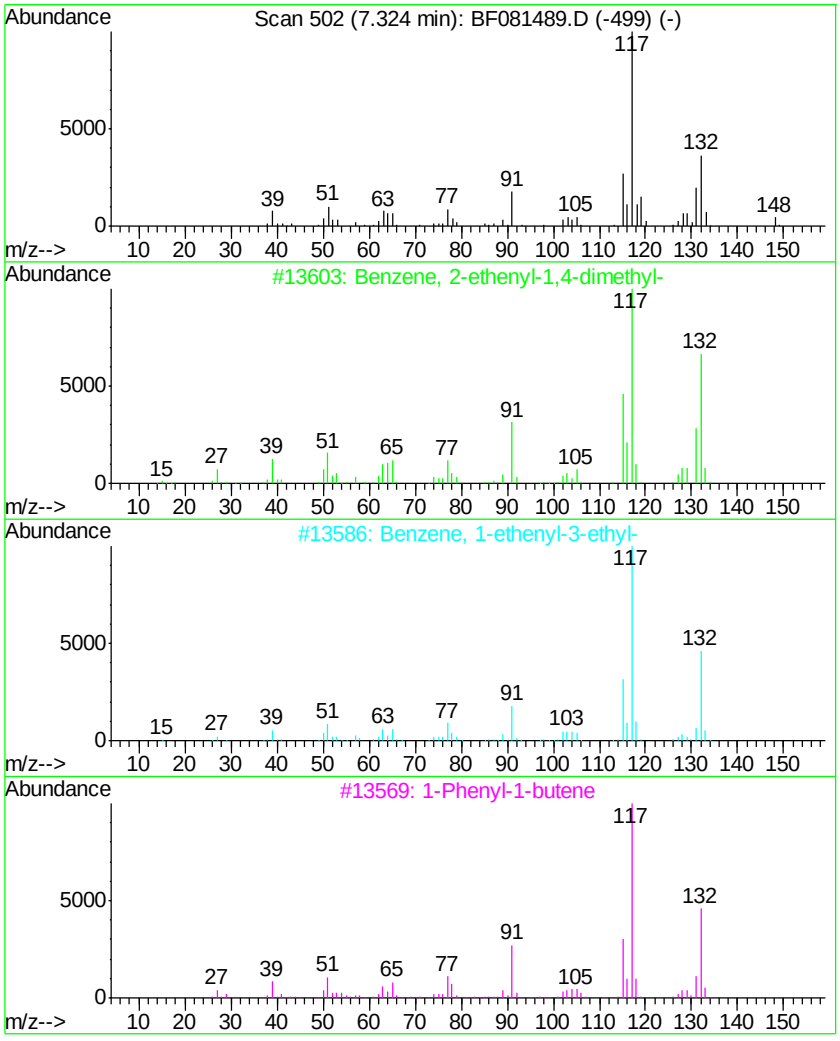
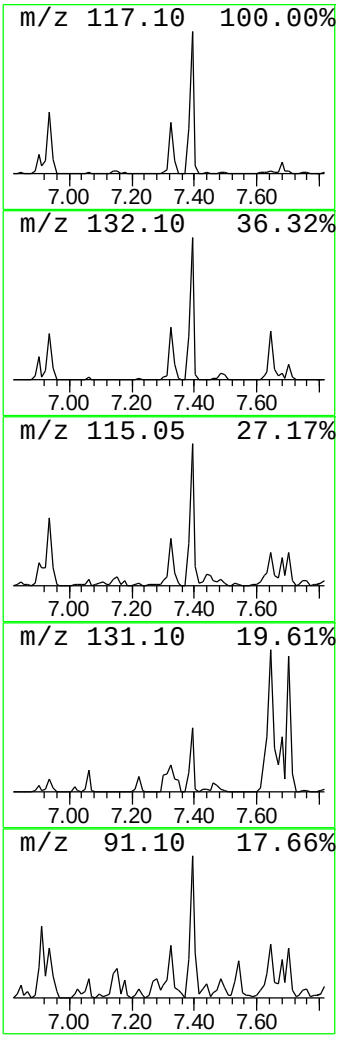
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	6.65 ng	263222	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

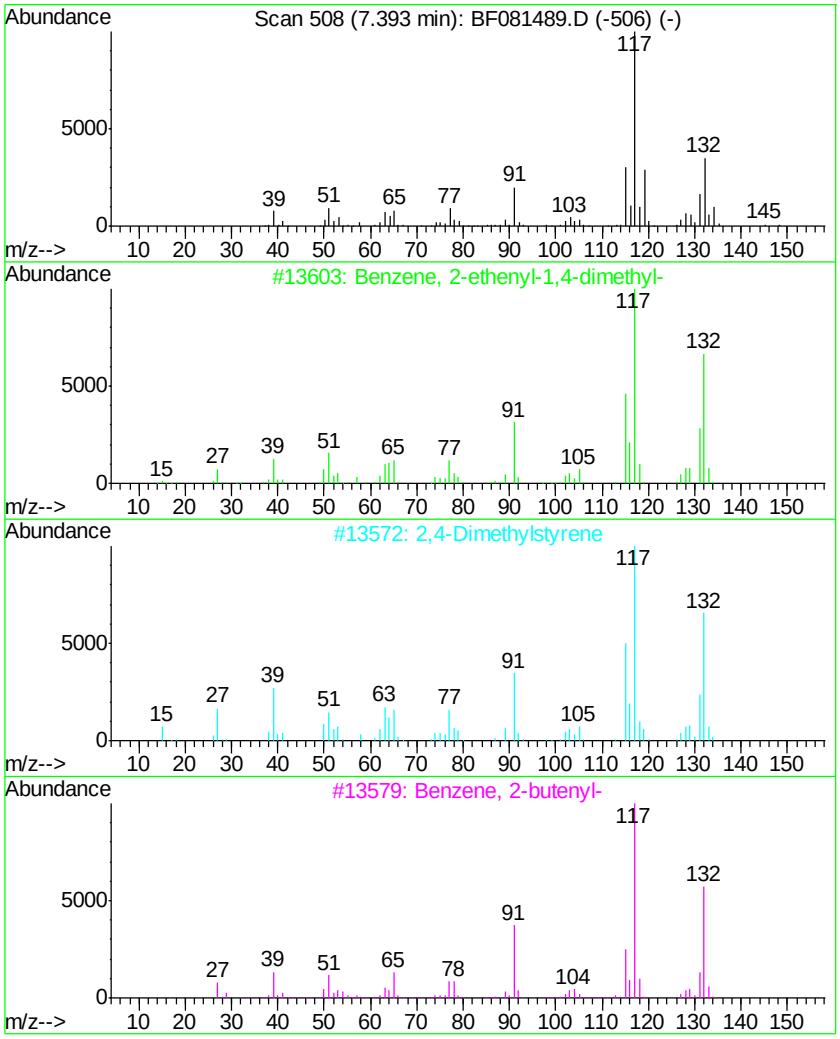
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

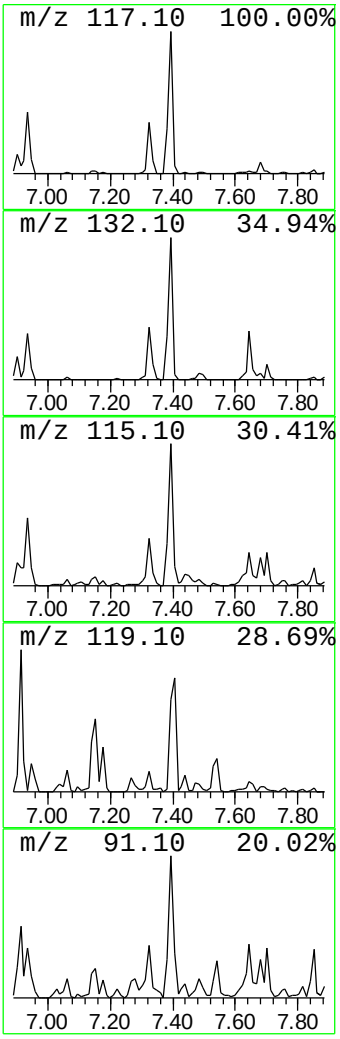
****

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	17.09 ng	676662	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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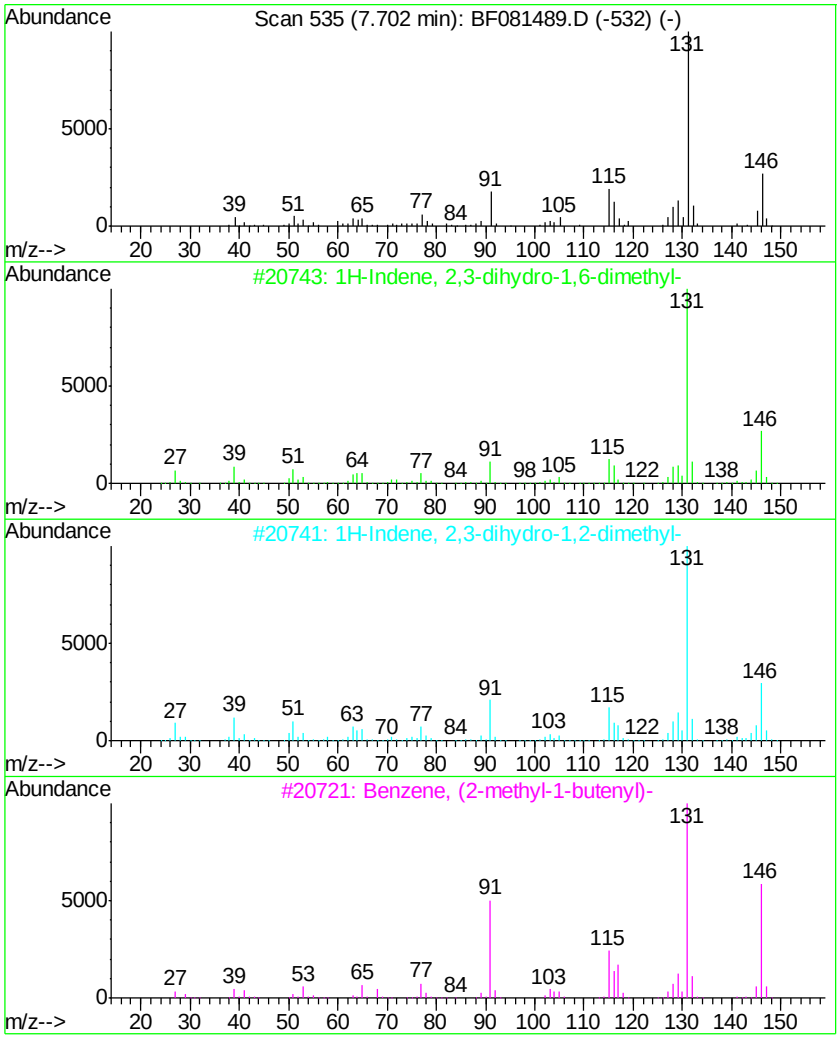
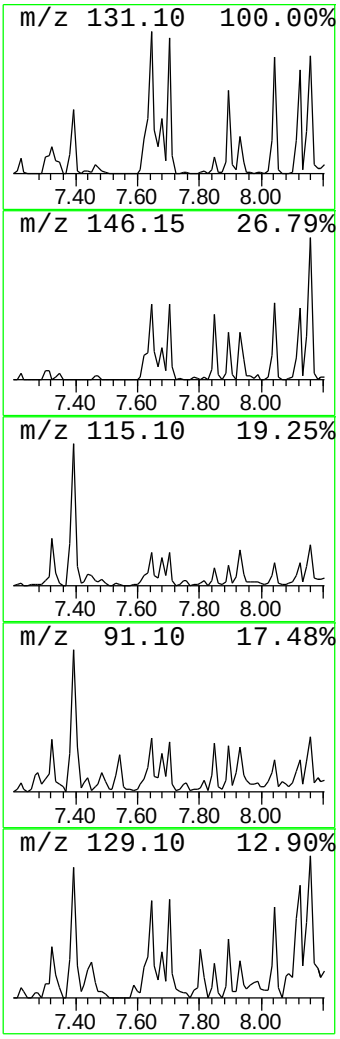
Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	6.93 ng	274472	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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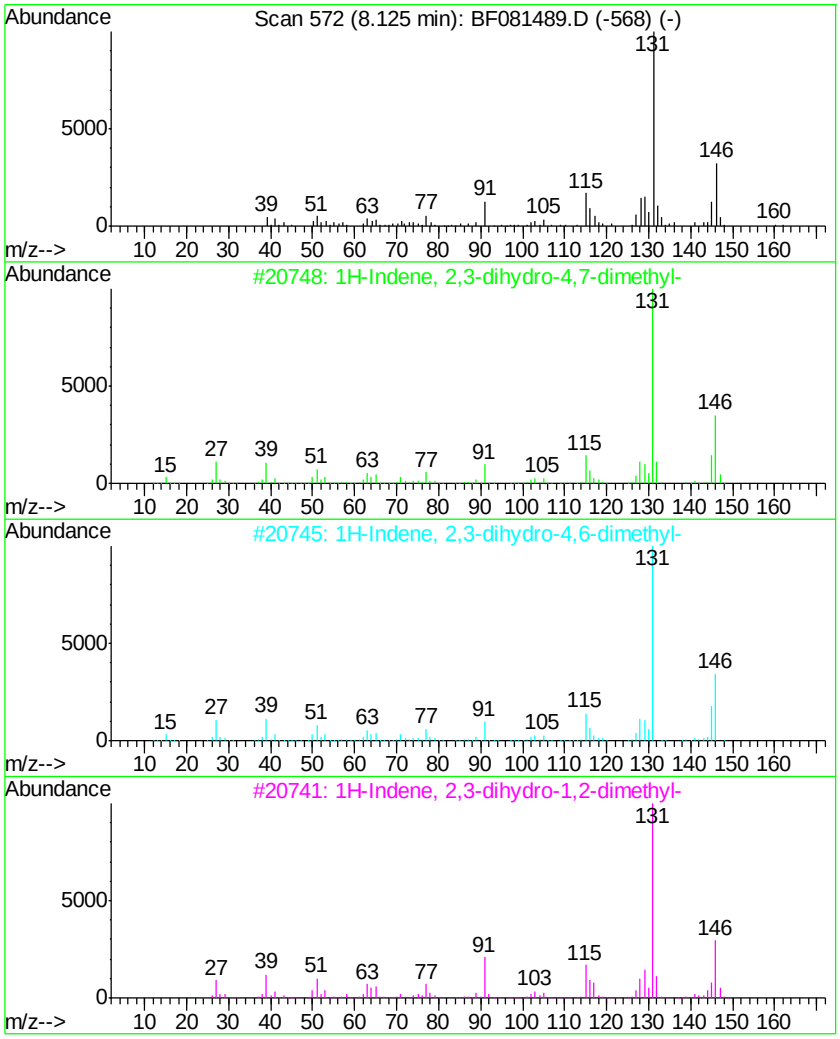
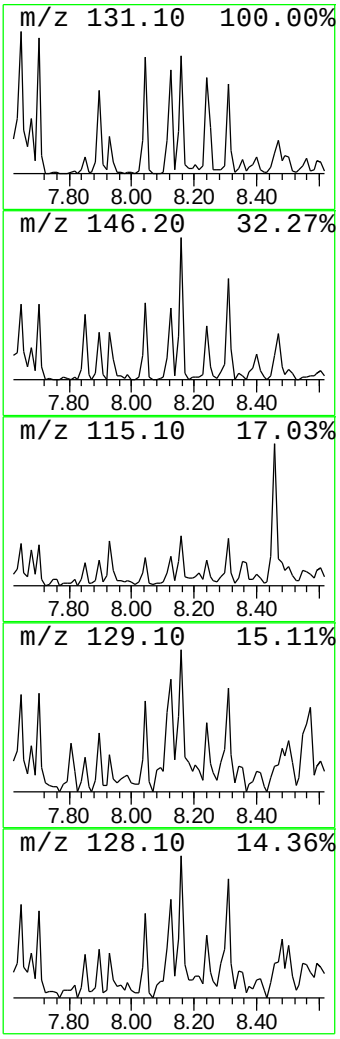
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	5.82 ng	230399	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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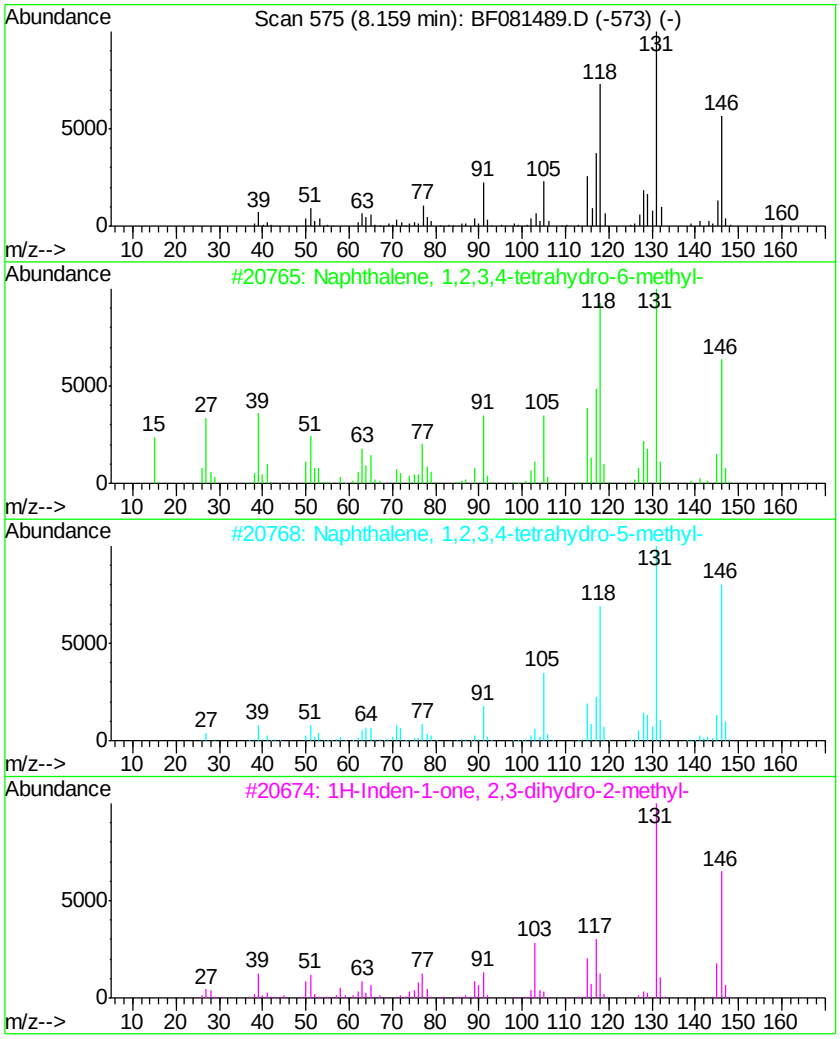
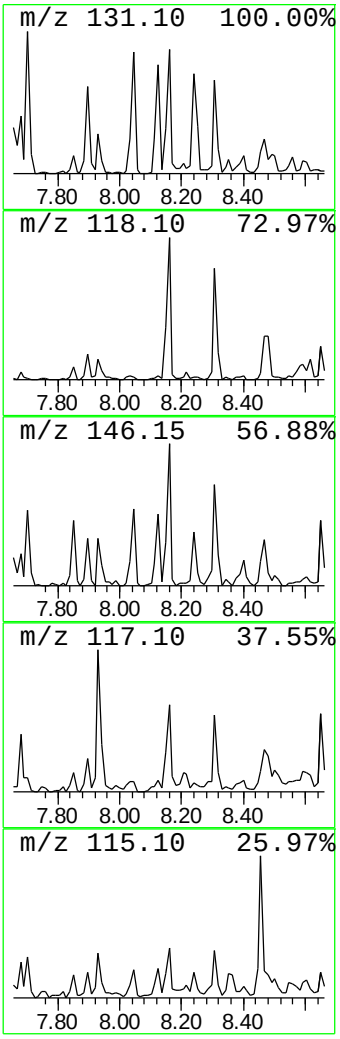
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	6.65 ng	263330	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	72
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64





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Sample : G3419-06
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ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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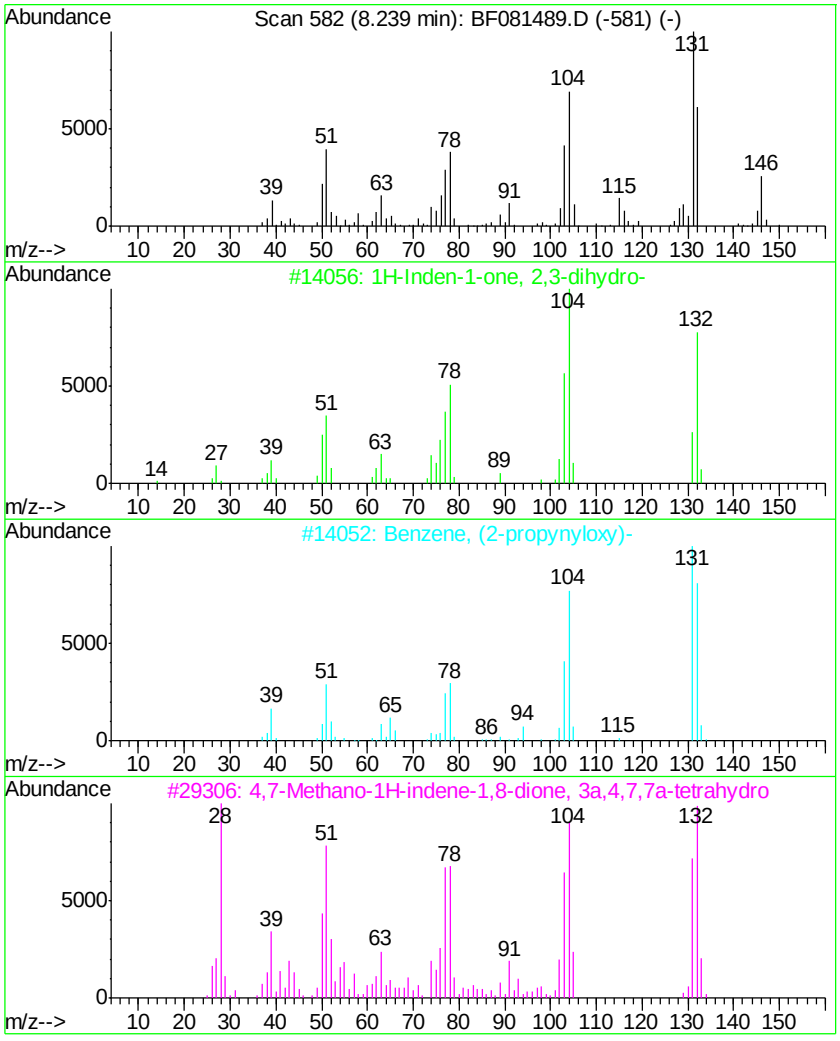
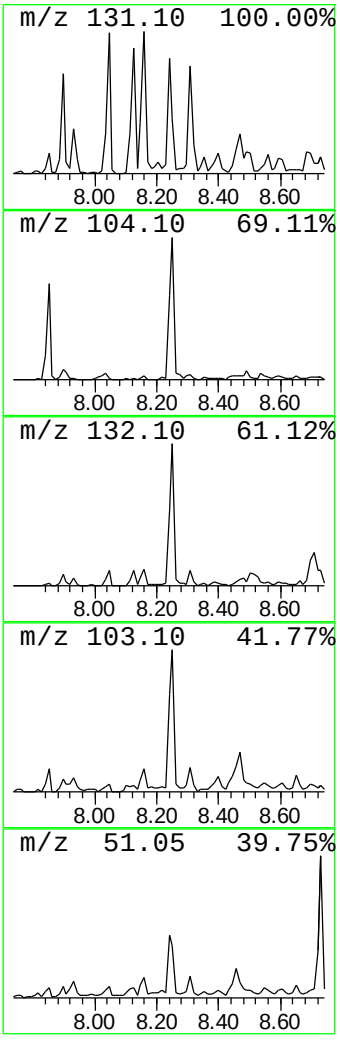
Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	8.72 ng	345268	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	78
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	76
3	4,7-Methano-1H-indene-1,8-dione,...	160	C10H8O2	000826-65-3	58
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
5	Indan, epoxide	132	C9H8O	000768-22-9	50





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Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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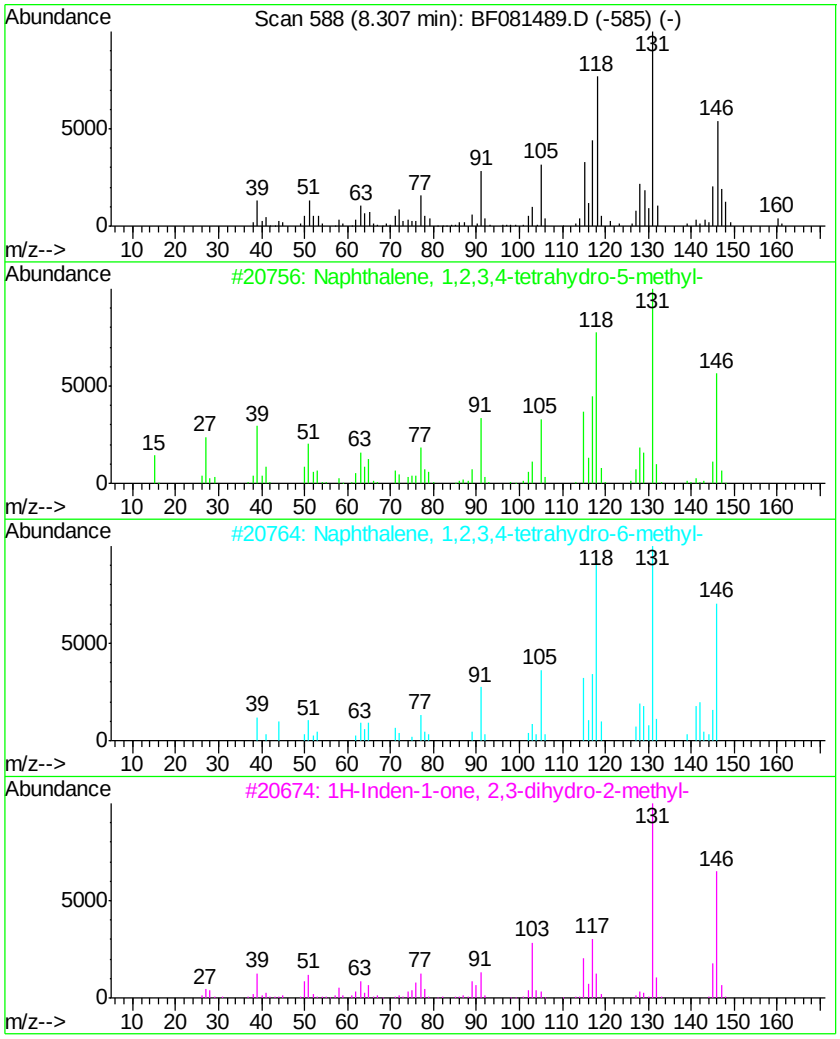
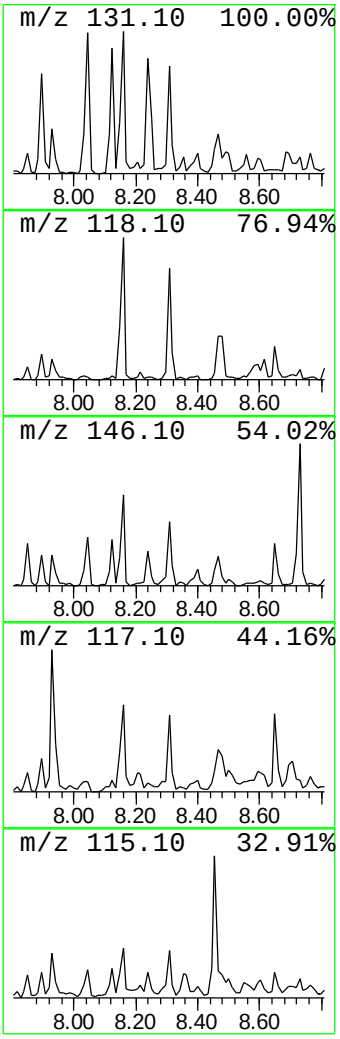
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	7.55 ng	298886	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





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Misc :
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Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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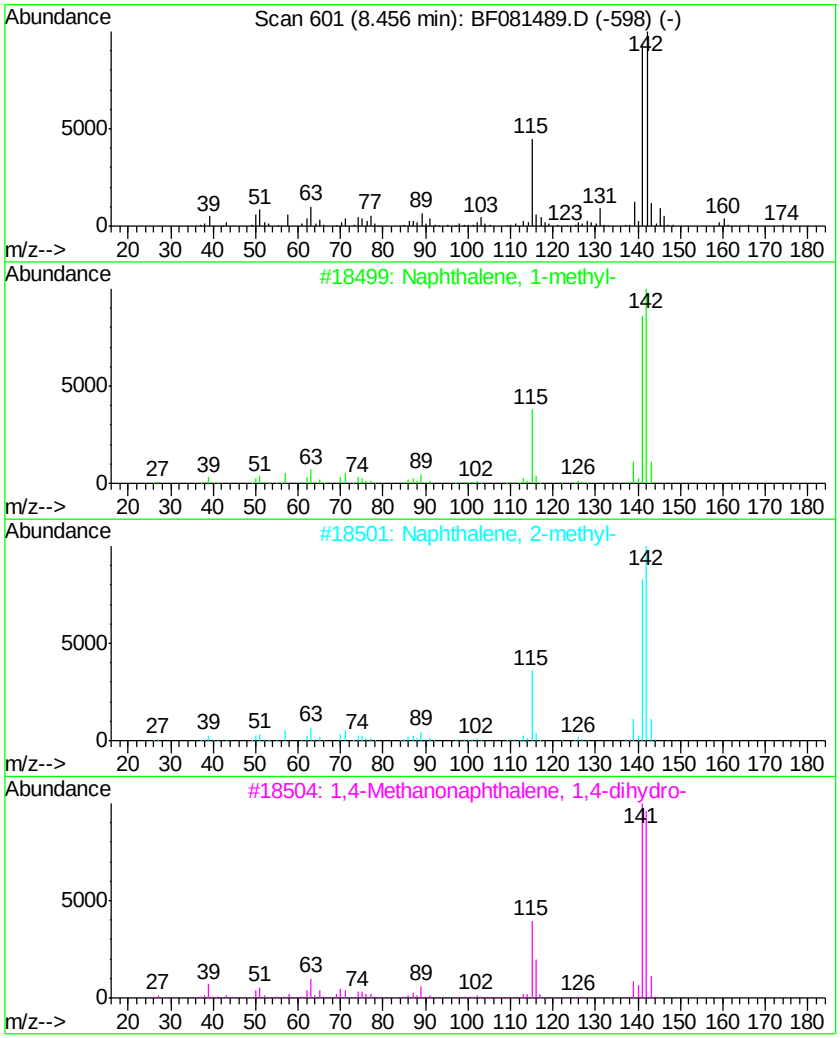
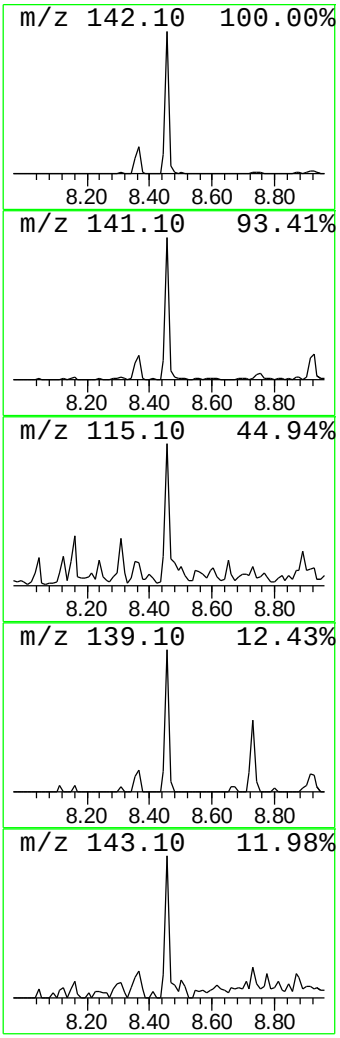
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	17.36 ng	687293	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





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ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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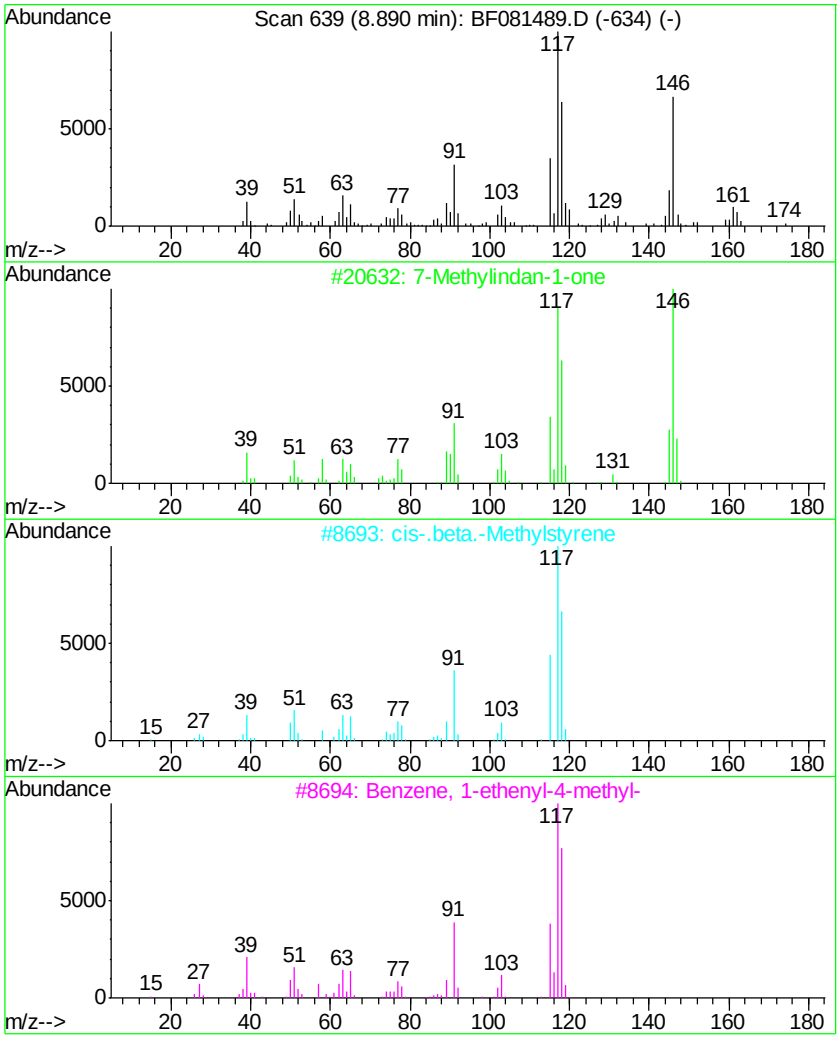
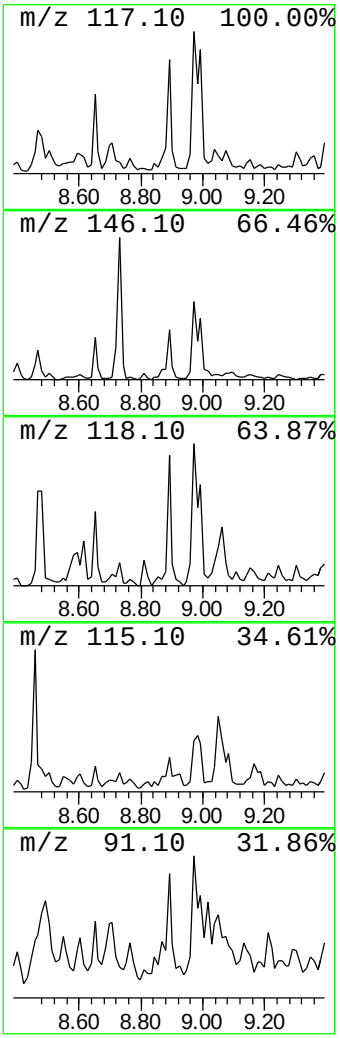
Peak Number 13 7-Methylindan-1-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	10.60 ng	353820	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	93
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	92
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	70





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Sample : G3419-06
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ClientSampleId : HX2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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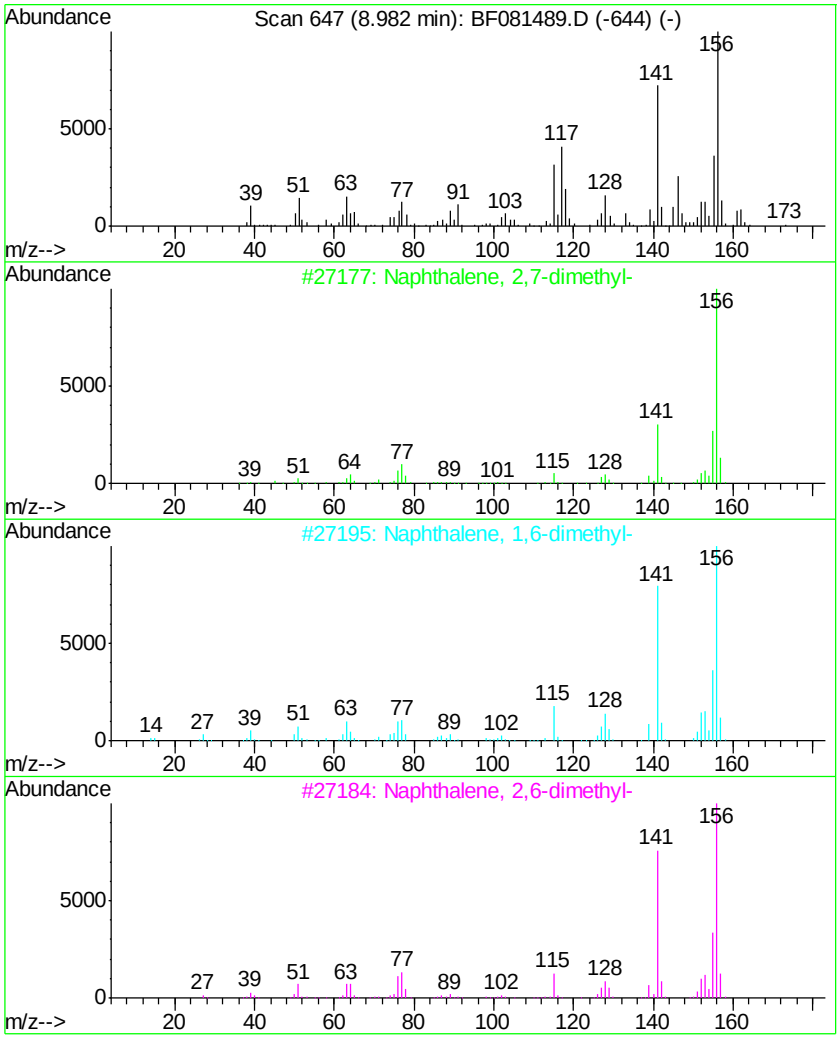
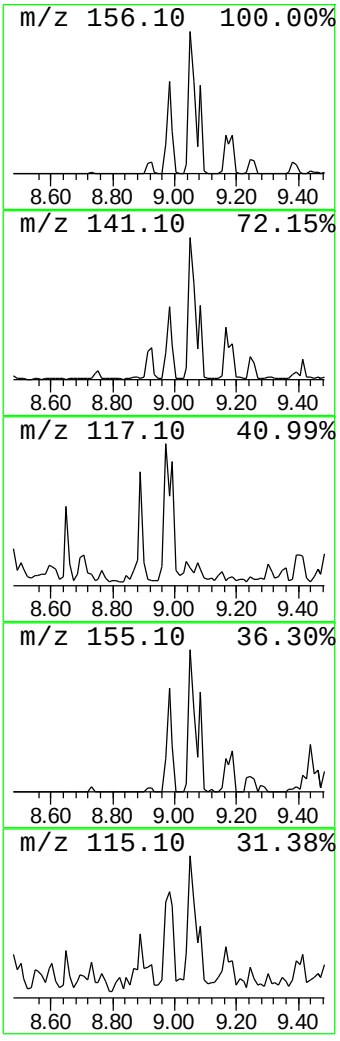
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	15.36 ng	512520	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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Sample : G3419-06
Misc :
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Instrument : BNA_F
ClientSampleId : HX2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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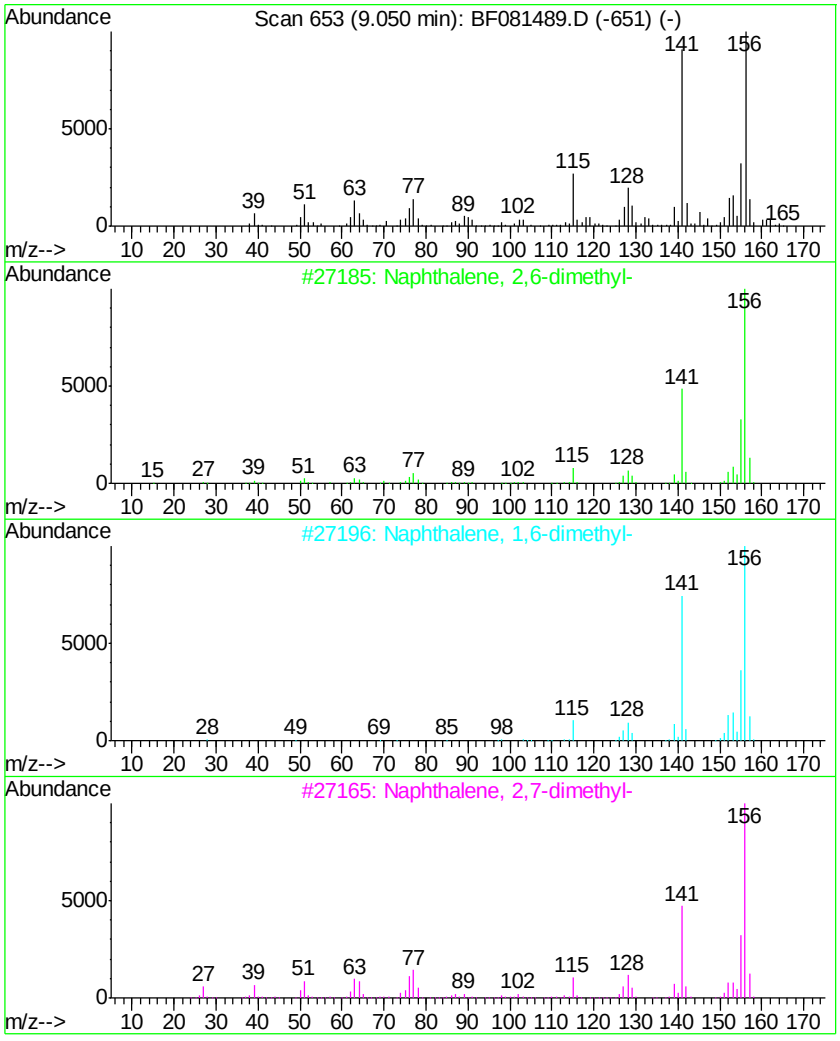
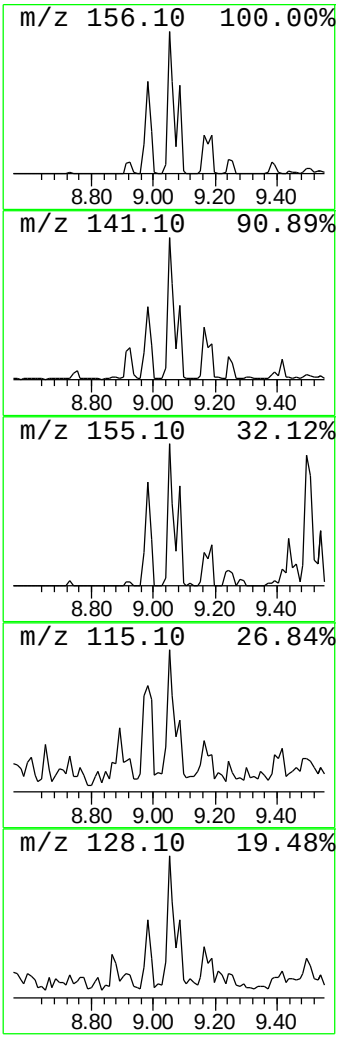
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	17.33 ng	578138	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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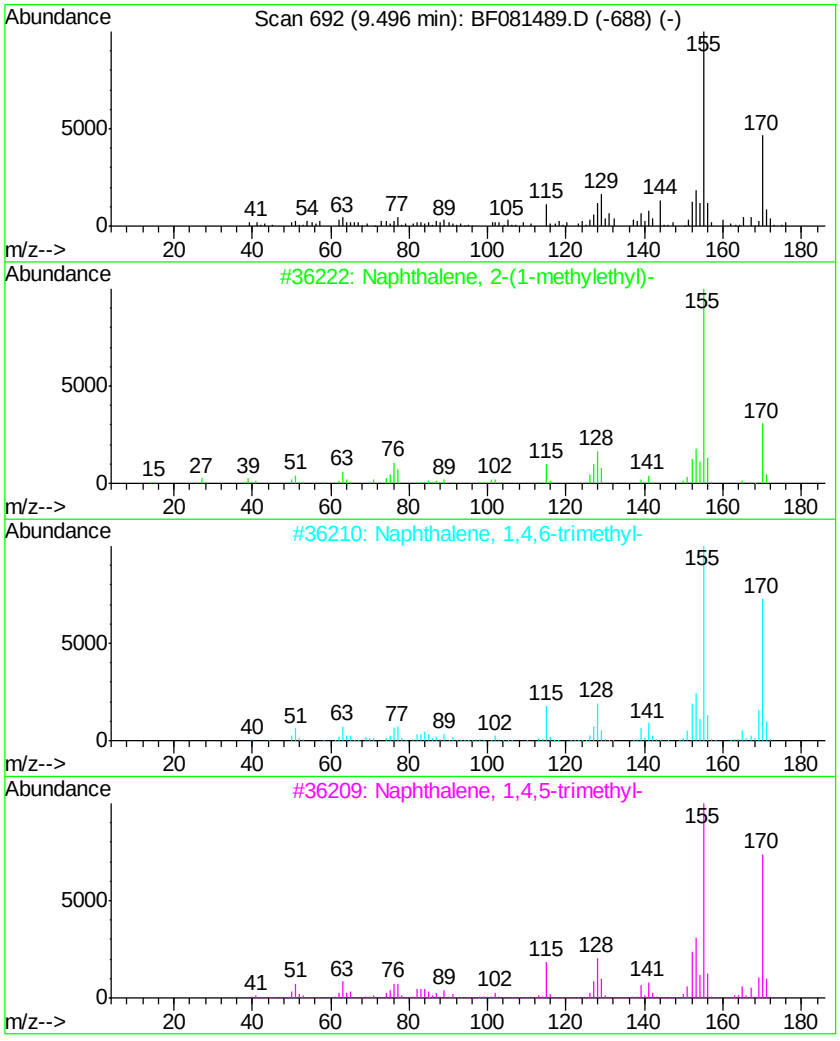
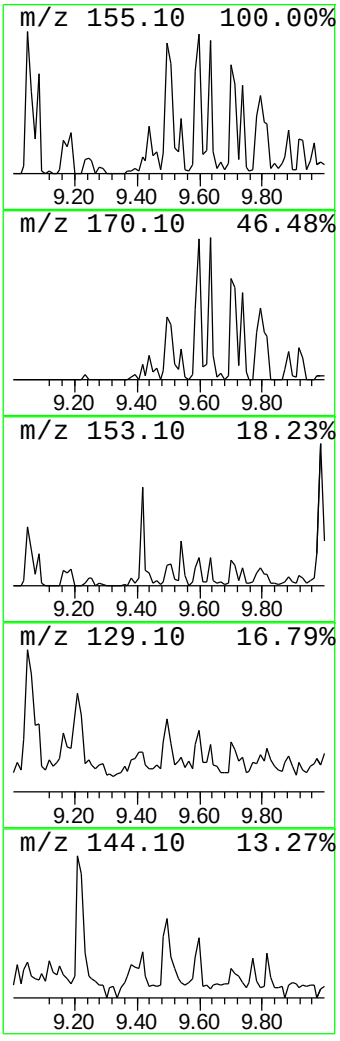
Peak Number 16 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.20 ng	173549	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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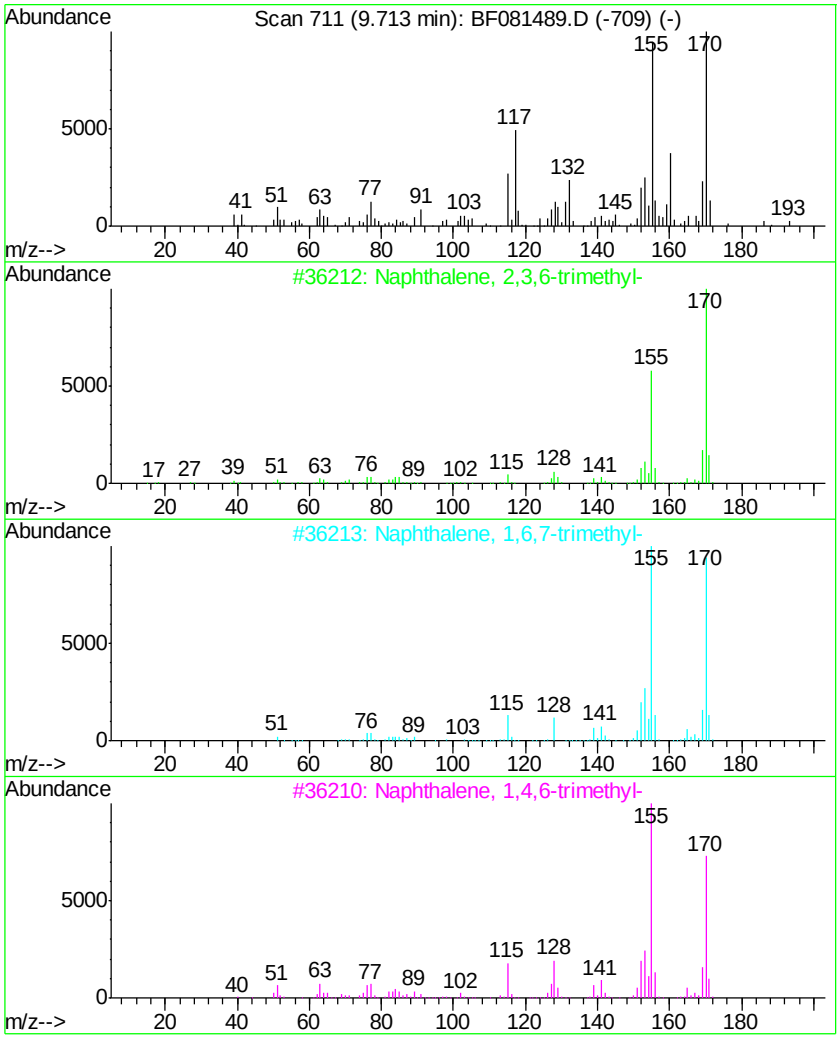
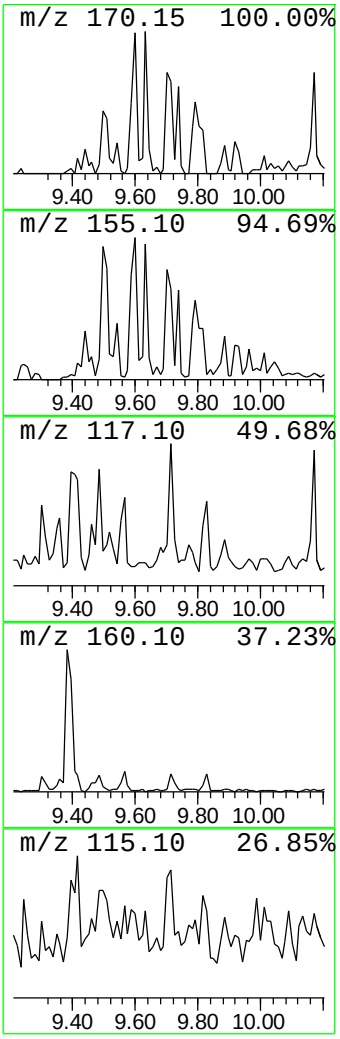
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	5.12 ng	170863	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83





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ALS Vial : 66 Sample Multiplier: 1

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TIC Library : C:\DATABASE\NIST02.L
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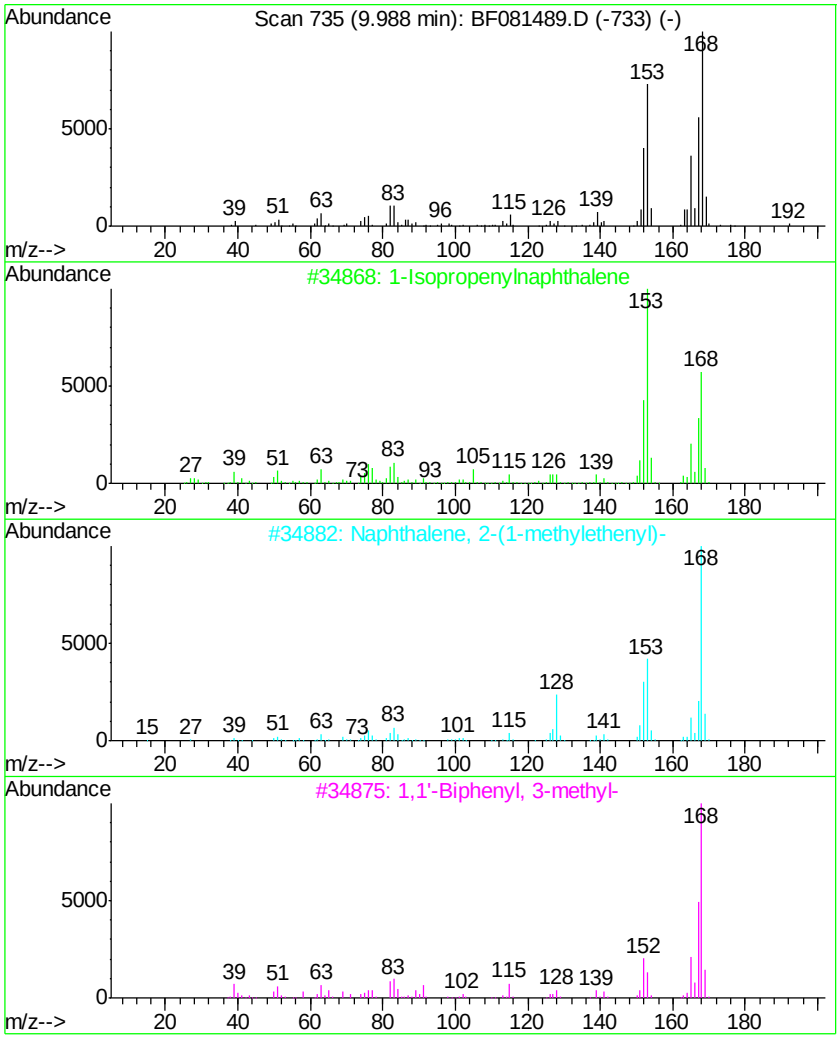
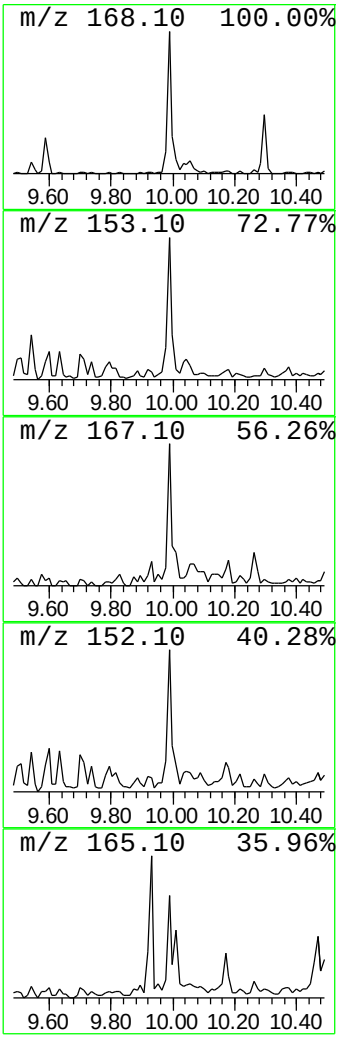
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	5.43 ng	181168	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	72
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	62
5	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50





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Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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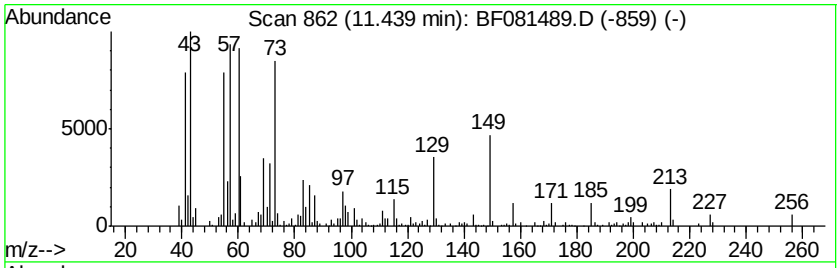
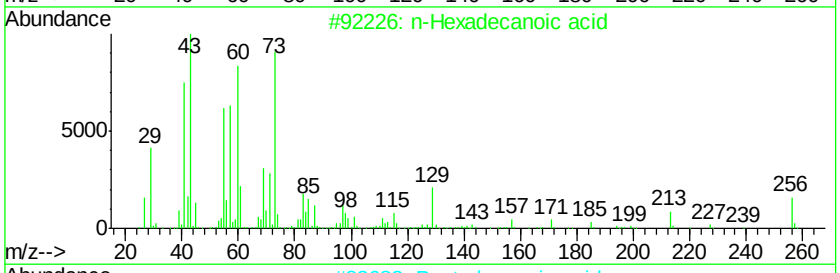
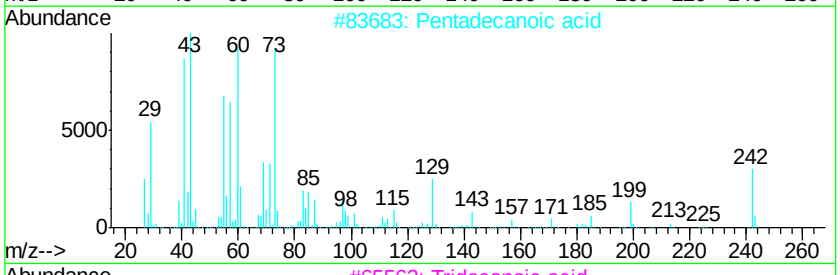
Peak Number 19 n-Hexadecanoic acid Concentration Rank 8

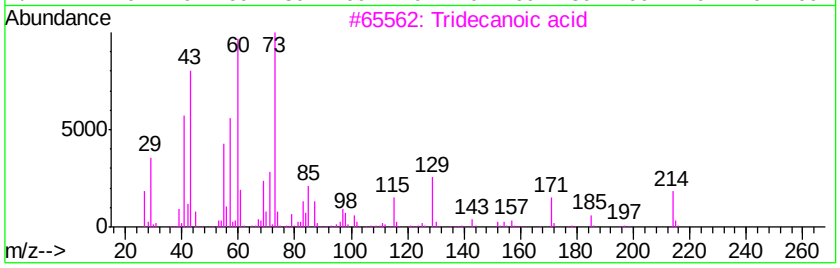
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	14.95 ng	435239	Phenanthrene-d10	10.86

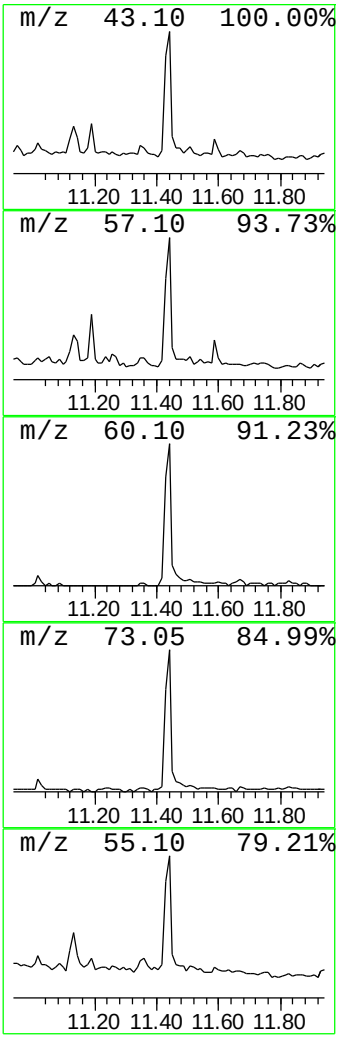
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49











Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

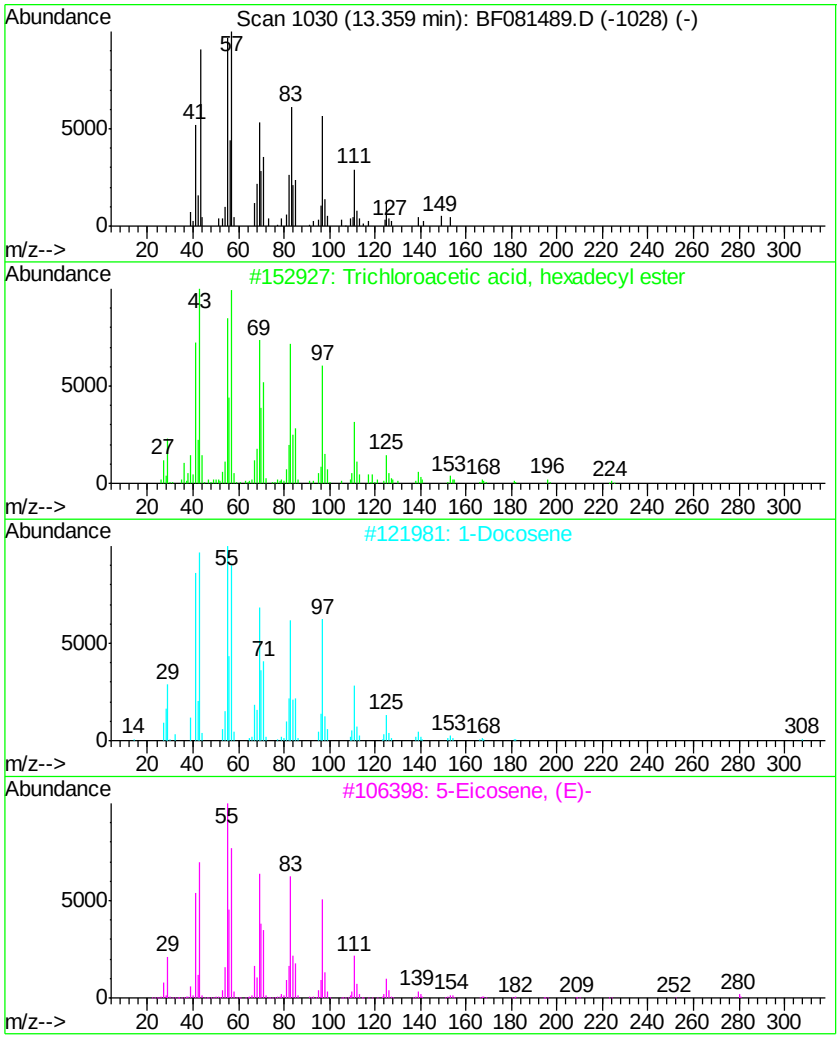
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

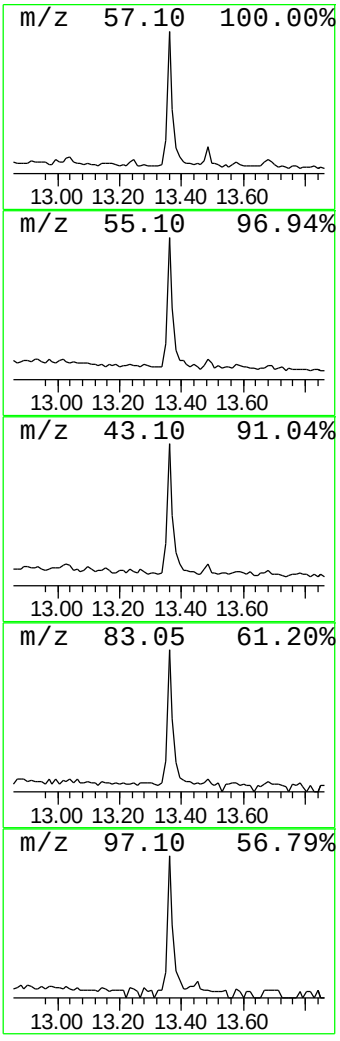
****

Peak Number 20 Trichloroacetic acid, hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	7.50 ng	147158	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	1-Docosene	308	C22H44	001599-67-3	90
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081489.D
Acq On : 6 Sep 2015 4:07
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.39	16.2	ng	328958	1	6.35	406428	20.0
Indane	6.54	11.4	ng	230762	1	6.35	406428	20.0
Benzene, 2-etheny...	7.32	6.7	ng	263222	2	7.64	791943	20.0
2,4-Dimethylstyrene	7.39	17.1	ng	676662	2	7.64	791943	20.0
1H-Indene, 2,3-di...	7.70	6.9	ng	274472	2	7.64	791943	20.0
1H-Indene, 2,3-di...	8.12	5.8	ng	230399	2	7.64	791943	20.0
Naphthalene, 1,2,...	8.16	6.7	ng	263330	2	7.64	791943	20.0
1H-Inden-1-one, 2...	8.24	8.7	ng	345268	2	7.64	791943	20.0
Naphthalene, 1,2,...	8.31	7.5	ng	298886	2	7.64	791943	20.0
Naphthalene, 1-me...	8.46	17.4	ng	687293	2	7.64	791943	20.0
7-Methylindan-1-one	8.89	10.6	ng	353820	3	9.38	667308	20.0
Naphthalene, 2,7-...	8.98	15.4	ng	512520	3	9.38	667308	20.0
Naphthalene, 2,6-...	9.05	17.3	ng	578138	3	9.38	667308	20.0
Naphthalene, 2-(1...	9.50	5.2	ng	173549	3	9.38	667308	20.0
Naphthalene, 2,3,...	9.71	5.1	ng	170863	3	9.38	667308	20.0
1-Isopropenylnaph...	9.99	5.4	ng	181168	3	9.38	667308	20.0
n-Hexadecanoic acid	11.44	14.9	ng	435239	4	10.86	582358	20.0
Trichloroacetic a...	13.36	7.5	ng	147158	5	13.45	392248	20.0