LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081531.D
Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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	4.387	242	245	254	rVB	537760	1186529	40.14%	1.592%
2	4.902	287	290	292	rBV	1642453	2051463	69.41%	2.753%
3	5.302	320	325	327	rBV	62344	99215	3.36%	0.133%
4	5.439	335	337	338	rBV	52756	60300	2.04%	0.081%
5	5.519	341	344	346	rBV2	39571	78882	2.67%	0.106%
6	5.576	346	349	352	rVB2	218537	319737	10.82%	0.429%
7	5.633	352	354	356	rBV	122609	157587	5.33%	0.211%
8	5.679	356	358	362	rVB3	29744	69548	2.35%	0.093%
9	5.782	362	367	369	rBV2	129143	182082	6.16%	0.244%
10	5.850	369	373	374	rBV2	256711	327327	11.07%	0.439%
11	5.884	374	376	379	rVB3	39665	73501	2.49%	0.099%
12	5.942	379	381	383	rBV	91981	91851	3.11%	0.123%
13	6.022	385	388	391	rVB	1671702	1926750	65.19%	2.585%
14	6.113	391	396	399	rBV	1725005	2164649	73.24%	2.905%
15	6.205	401	404	406	rVB3	54893	70848	2.40%	0.095%
16	6.307	408	413	414	rBV2	130381	254695	8.62%	0.342%
17	6.342	414	416	419	rBV2	289988	404586	13.69%	0.543%
18	6.387	419	420	423	rVB	407400	320472	10.84%	0.430%
19	6.433	423	424	428	rVB3	100436	183750	6.22%	0.247%
20	6.502	428	430	435	rVB	1547474	1928803	65.26%	2.588%
21	6.616	435	440	441	rBV2	313501	405777	13.73%	0.544%
22	6.662	441	444	445	rVB2	165629	214901	7.27%	0.288%
23	6.685	445	446	449	rBV	182021	213268	7.22%	0.286%
24	6.742	449	451	453	rBV2	208334	230223	7.79%	0.309%
25	6.776	453	454	456	rVB	105612	125797	4.26%	0.169%
26	6.925	458	467	472	rBV2	1094503	2371350	80.23%	3.182%
27	7.016	472	475	477	rVB4	238565	399688	13.52%	0.536%
28	7.096	477	482	484	rBV2	210710	617534	20.89%	0.829%
29	7.142	484	486	487	rBV	242256	209528	7.09%	0.281%
30	7.165	487	488	491	rVB2	406734	512719	17.35%	0.688%
31	7.222	491	493	495	rVB2	172482	206581	6.99%	0.277%
32	7.279	495	498	500	rBV2	598209	958980	32.44%	1.287%
33	7.313	500	501	503	rVB2	248451	321584	10.88%	0.432%
34	7.359	503	505	506	rBV2	148309	227820	7.71%	0.306%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.382	506	507	509	rVB2	479896	554668	18.77%	0.744%
36	7.427	509	511	513	rVB3	270332	353858	11.97%	0.475%
37	7.485	513	516	518	rBV3	205870	430469	14.56%	0.578%
38	7.530	518	520	521	rBV	213099	210555	7.12%	0.283%
39	7.645	525	530	531	rBV3	998483	2012216	68.08%	2.700%
40	7.690	531	534	536	rVB3	338074	651740	22.05%	0.875%
41	7.736	536	538	541	rBV2	617490	960645	32.50%	1.289%
42	7.782	541	542	545	rVB3	69848	126347	4.27%	0.170%
43	7.839	545	547	550	rBV2	535227	761336	25.76%	1.022%
44	7.930	552	555	556	rBV3	288670	469188	15.87%	0.630%
45	7.953	556	557	558	rVB	458408	314468	10.64%	0.422%
46	7.988	558	560	561	rVB	106678	105026	3.55%	0.141%
47	8.033	561	564	568	rBV4	283706	585001	19.79%	0.785%
48	8.102	568	570	572	rBV2	1526719	1746321	59.08%	2.343%
49	8.148	572	574	576	rVB2	545305	541410	18.32%	0.726%
50	8.193	576	578	581	rBV4	278056	401887	13.60%	0.539%
51	8.239	581	582	584	rBV2	179414	321493	10.88%	0.431%
52	8.273	584	585	586	rBV	191109	173678	5.88%	0.233%
53	8.308	586	588	590	rVB3	383175	353916	11.97%	0.475%
54	8.353	590	592	594	rVB3	1015010	1632571	55.23%	2.191%
55	8.410	594	597	598	rBV3	155675	301205	10.19%	0.404%
56	8.456	598	601	606	rBV3	821265	2229115	75.42%	2.991%
57	8.570	606	611	613	rBV6	431015	1058156	35.80%	1.420%
58	8.696	618	622	624	rBV2	1468597	2622963	88.74%	3.520%
59	8.730	624	625	627	rVB	1710622	1225750	41.47%	1.645%
60	8.799	629	631	634	rBV3	367620	884132	29.91%	1.186%
61	8.845	634	635	636	rBV	354565	312917	10.59%	0.420%
62	8.879	636	638	639	rVB2	338443	432926	14.65%	0.581%
63	8.913	639	641	642	rVB2	433642	544037	18.41%	0.730%
64	8.982	645	647	649	rBV	1085299	1621132	54.85%	2.175%
65	9.062	649	654	655	rBV	1224909	1911134	64.66%	2.564%
66	9.153	659	662	664	rBV2	2233778	2955718	100.00%	3.966%
67	9.256	668	671	672	rBV2	507421	555990	18.81%	0.746%
68	9.302	672	675	676	rVB3	399296	747568	25.29%	1.003%
69	9.382	680	682	684	rBV3	731015	807500	27.32%	1.084%
70	9.496	690	692	694	rVB	695341	861065	29.13%	1.155%
71	9.542	694	696	697	rVB2	218169	257954	8.73%	0.346%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.599	697	701	702	rBV	833830	1401622	47.42%	1.881%
73	9.633	702	704	706	rVB2	609468	922219	31.20%	1.237%
74	9.679	706	708	709	rBV	533701	663394	22.44%	0.890%
75	9.713	709	711	712	rBV	556618	671079	22.70%	0.900%
76	9.793	714	718	723	rBV5	695734	1604482	54.28%	2.153%
77	9.885	724	726	728	rVV3	276772	445729	15.08%	0.598%
78	9.919	728	729	731	rVB	291226	381192	12.90%	0.512%
79	9.965	731	733	739	rBV4	492615	1530826	51.79%	2.054%
80	10.079	740	743	745	rVV	1365256	2050233	69.36%	2.751%
81	10.171	749	751	753	rVB3	1348381	1642929	55.58%	2.205%
82	10.216	753	755	758	rBV3	284138	682075	23.08%	0.915%
83	10.296	761	762	764	rBV2	256904	274412	9.28%	0.368%
84	10.342	764	766	768	rVV	2762190	2855067	96.59%	3.831%
85	10.376	768	769	772	rVB3	247304	193166	6.54%	0.259%
86	10.502	779	780	782	rBV2	492288	644504	21.81%	0.865%
87	10.548	782	784	786	rVB2	418465	587597	19.88%	0.788%
88	10.799	803	806	808	rVB	1796081	1989021	67.29%	2.669%
89	10.856	808	811	814	rBV2	374086	846720	28.65%	1.136%
90	11.142	834	836	837	rVB	426125	405465	13.72%	0.544%
91	11.176	837	839	840	rBV2	132749	121536	4.11%	0.163%
92	11.348	852	854	855	rBV2	238554	331457	11.21%	0.445%
93	11.451	861	863	870	rVB2	320806	841392	28.47%	1.129%
94	11.897	900	902	903	rBV	208984	186032	6.29%	0.250%
95	12.297	935	937	939	rVB2	113454	190084	6.43%	0.255%
96	12.342	939	941	942	rVB	96946	121473	4.11%	0.163%
97	12.434	946	949	951	rBV	1035746	1260197	42.64%	1.691%
98	13.348	1028	1029	1035	rVB	46259	70269	2.38%	0.094%
99	13.451	1035	1038	1040	rVB	273852	312923	10.59%	0.420%
100	14.754	1150	1152	1155	rVB	286729	292523	9.90%	0.393%

Sum of corrected areas: 74523998

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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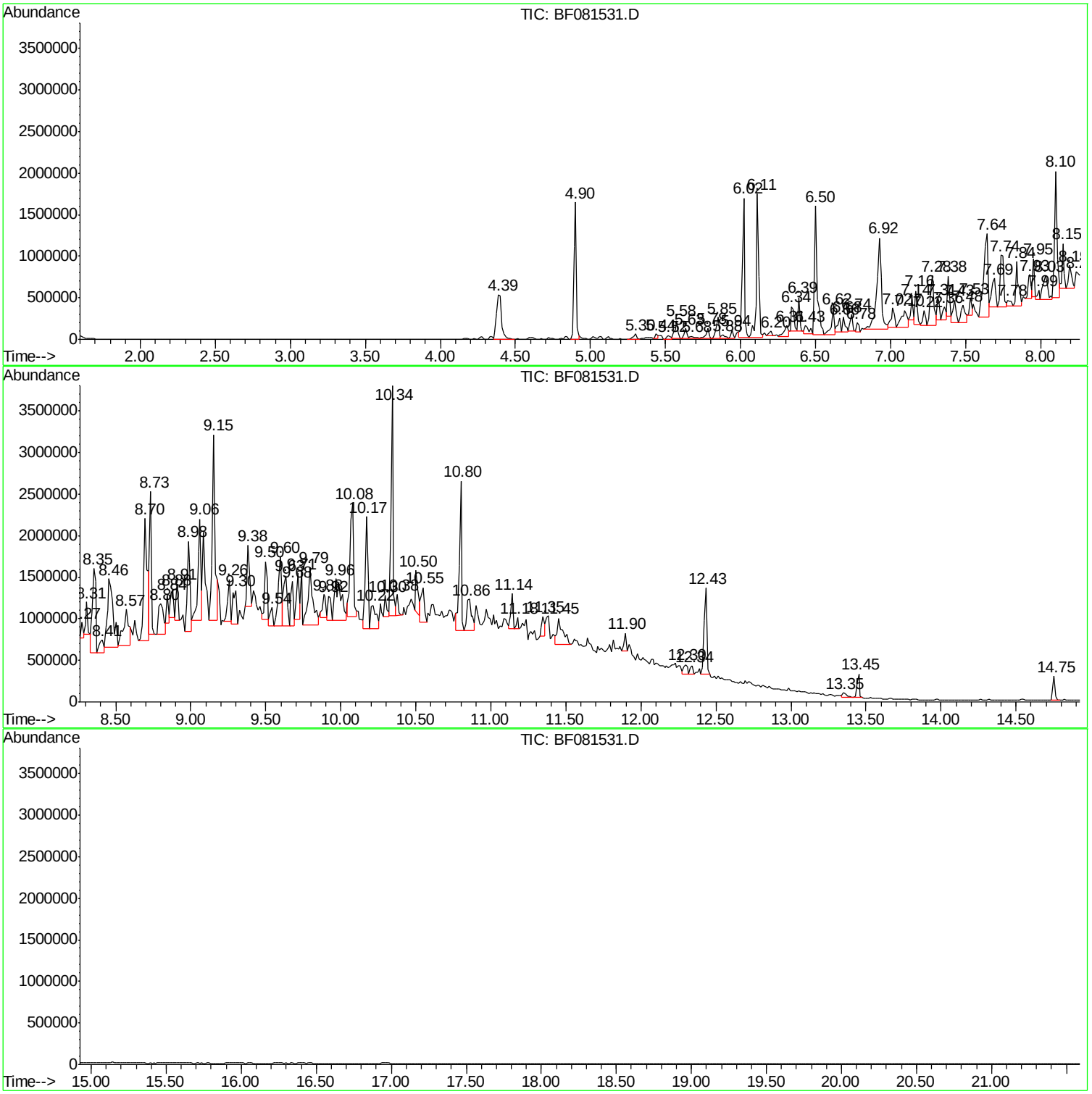
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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\BF090815\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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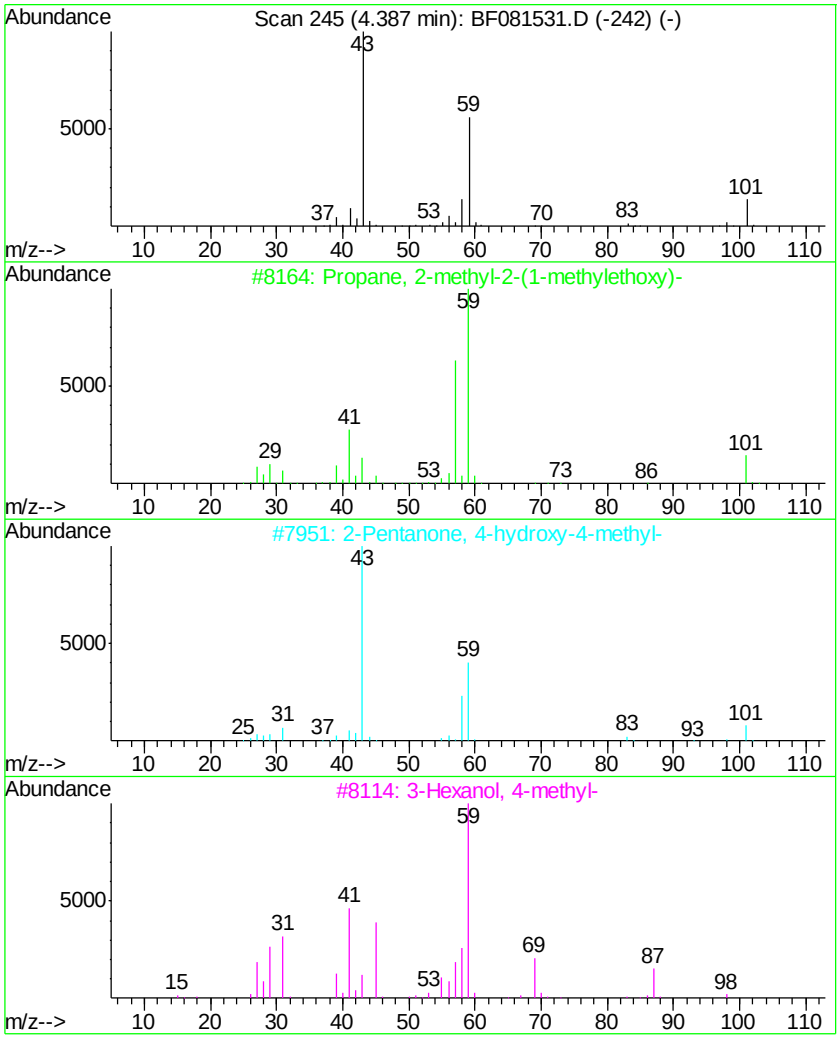
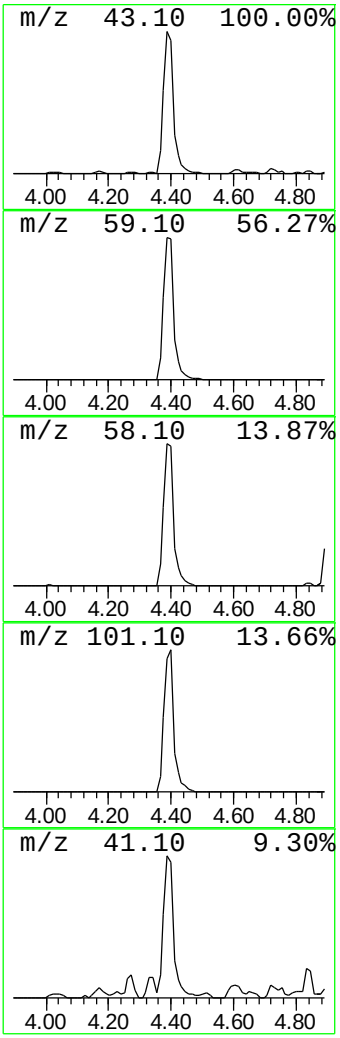
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	58.65 ng	1186530	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081531.D
Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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
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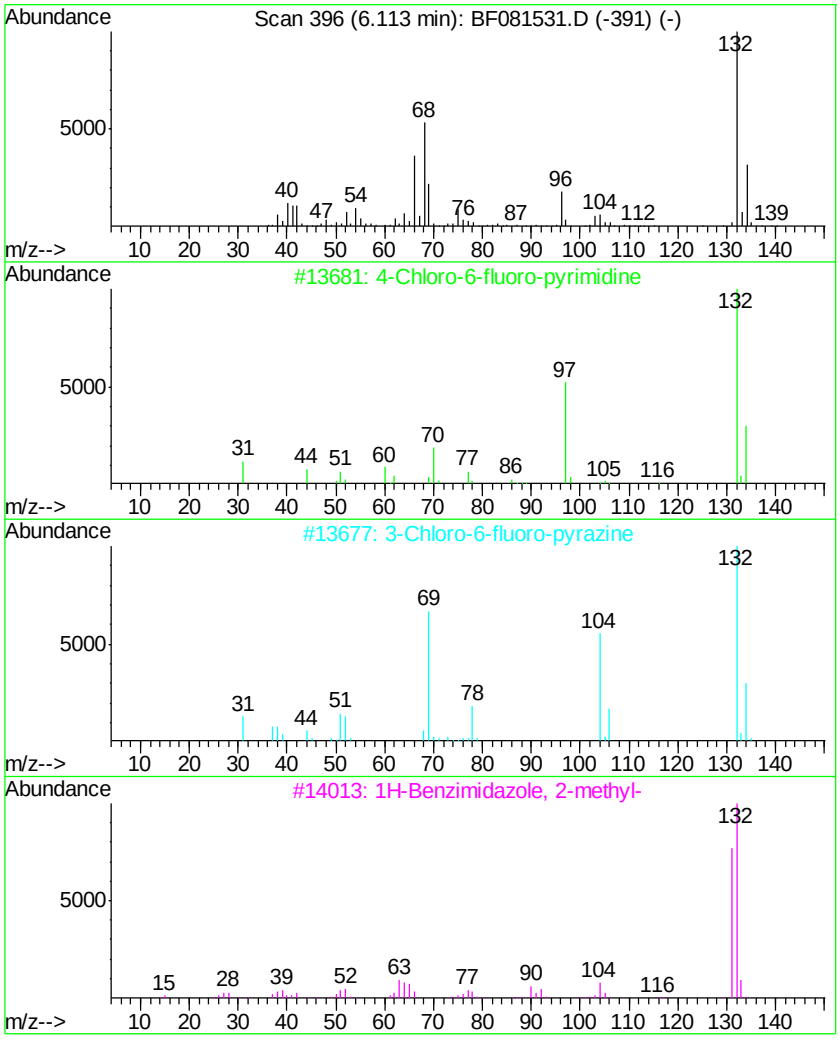
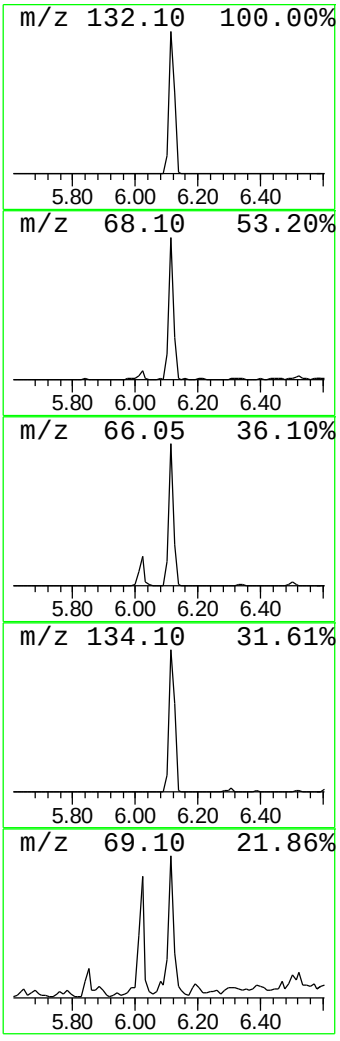
****

Peak Number 2 unknown6.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	107.01 ng	2164650	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Sample : G3419-02
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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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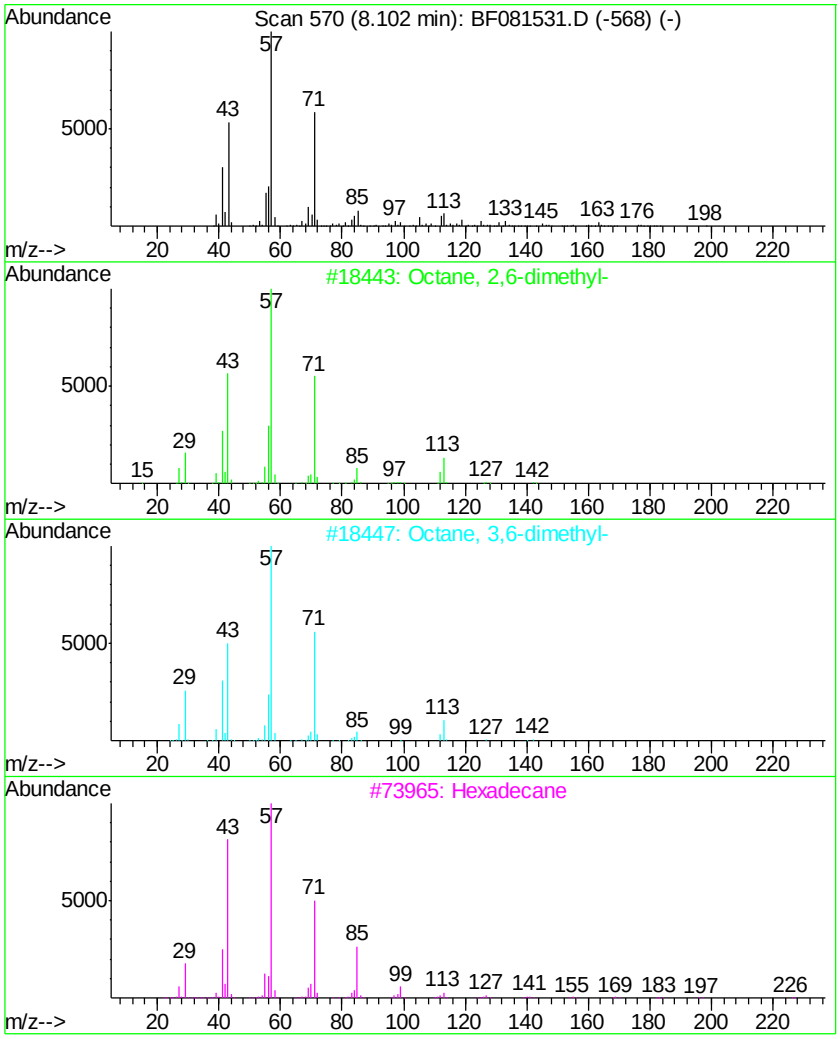
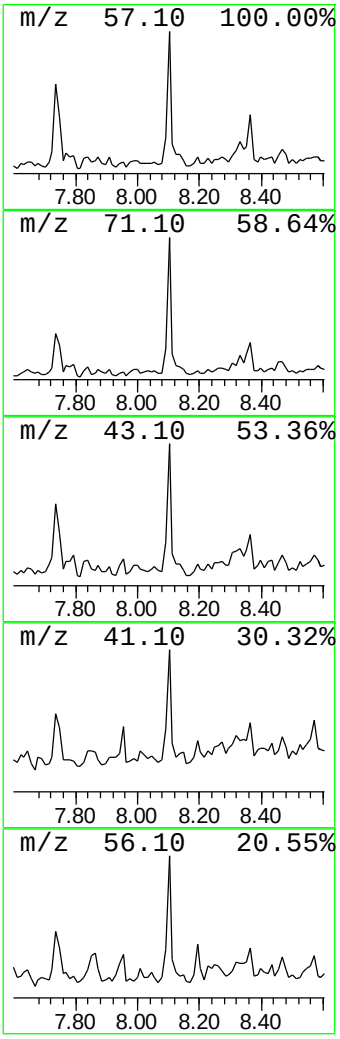
Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	17.36 ng	1746320	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Hexadecane	226	C16H34	000544-76-3	59
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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Sample : G3419-02
Misc :
ALS Vial : 12 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

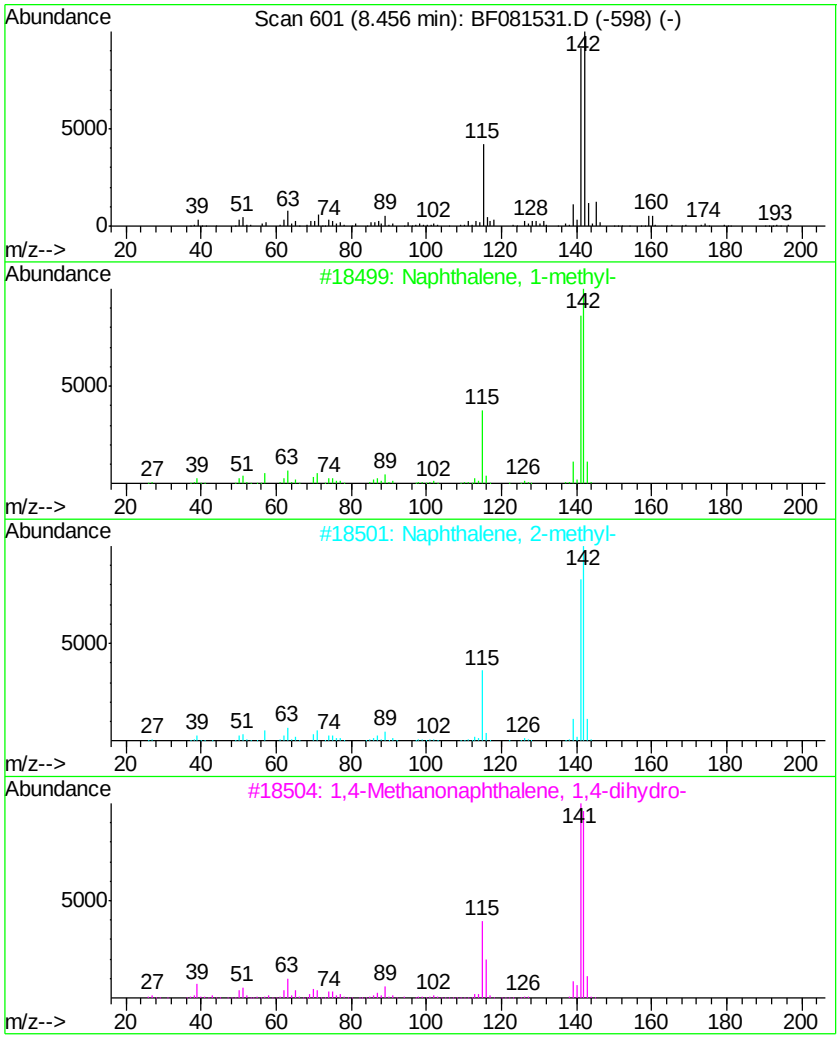
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

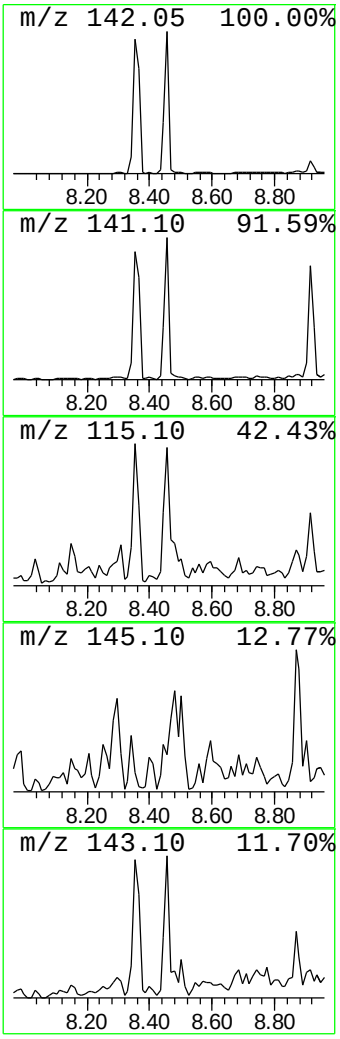
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	22.16 ng	2229120	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	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081531.D
Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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

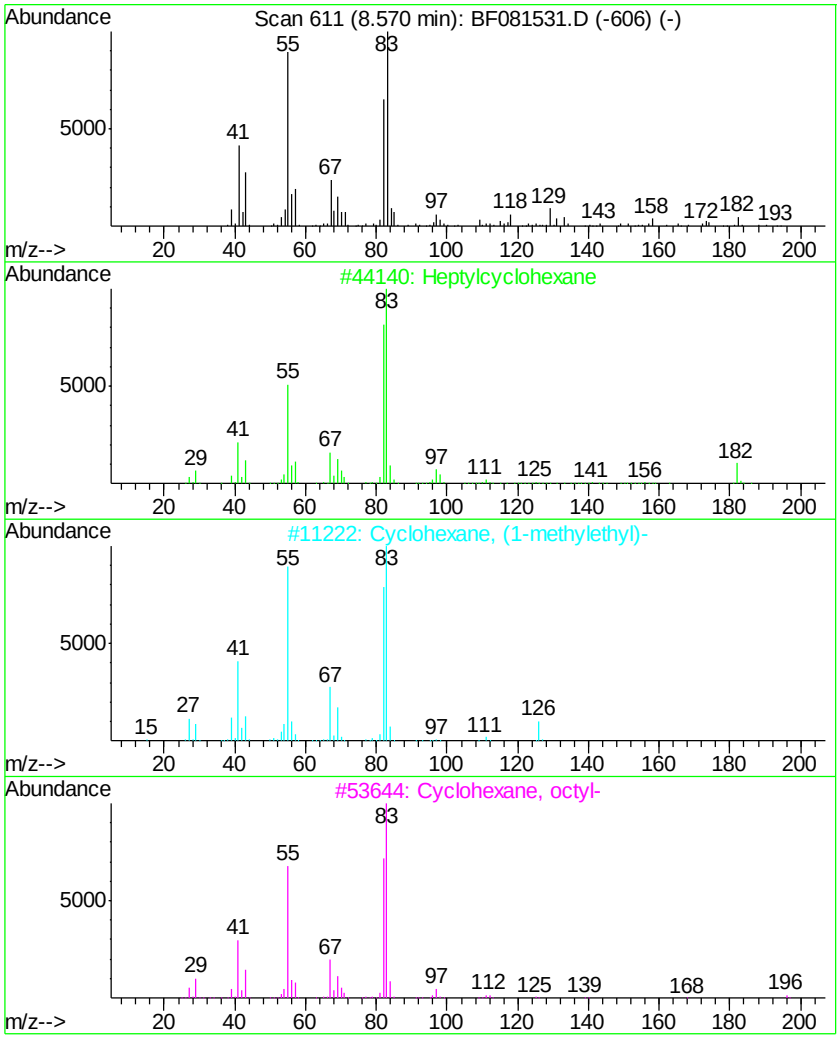
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

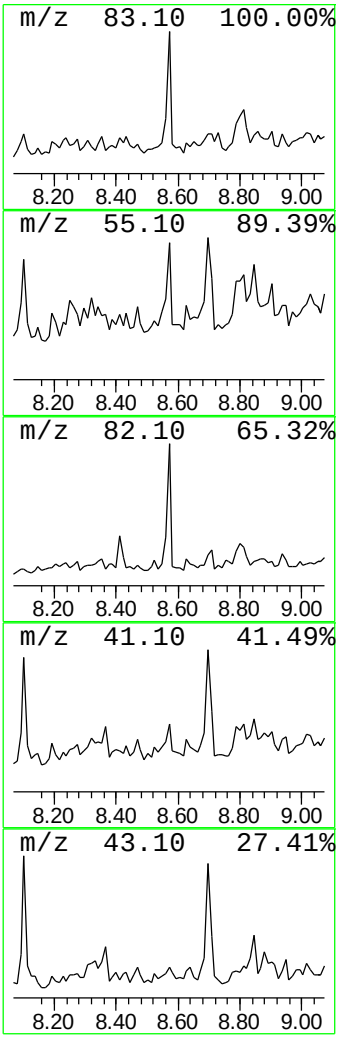
****

Peak Number 7 Heptylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	26.21 ng	1058160	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	93
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	80





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Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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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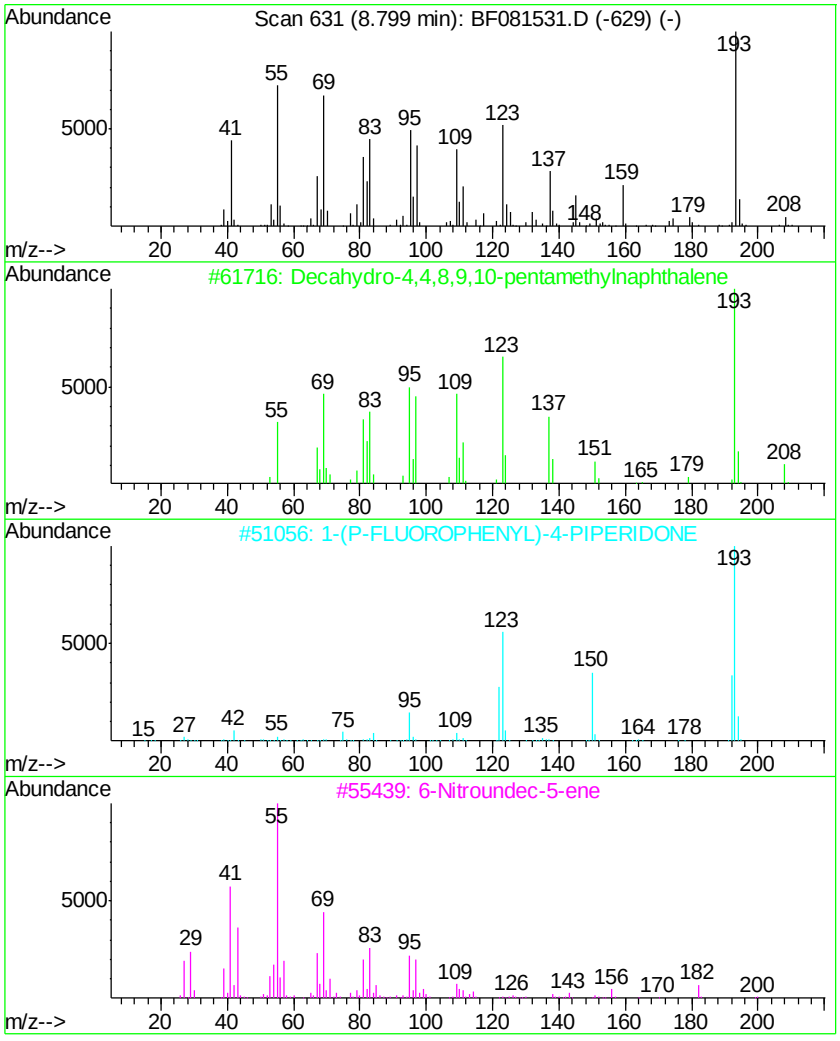
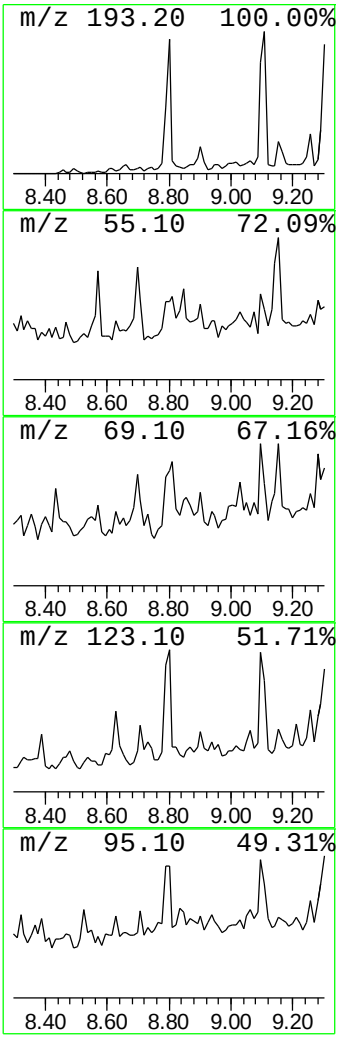
Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	21.90 ng	884132	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	80
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	30
3	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	22
4	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	15
5	3,5-Diamino-6-[2-thienyl]-1,2,4-...	193	C7H7N5S	058848-66-1	12





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Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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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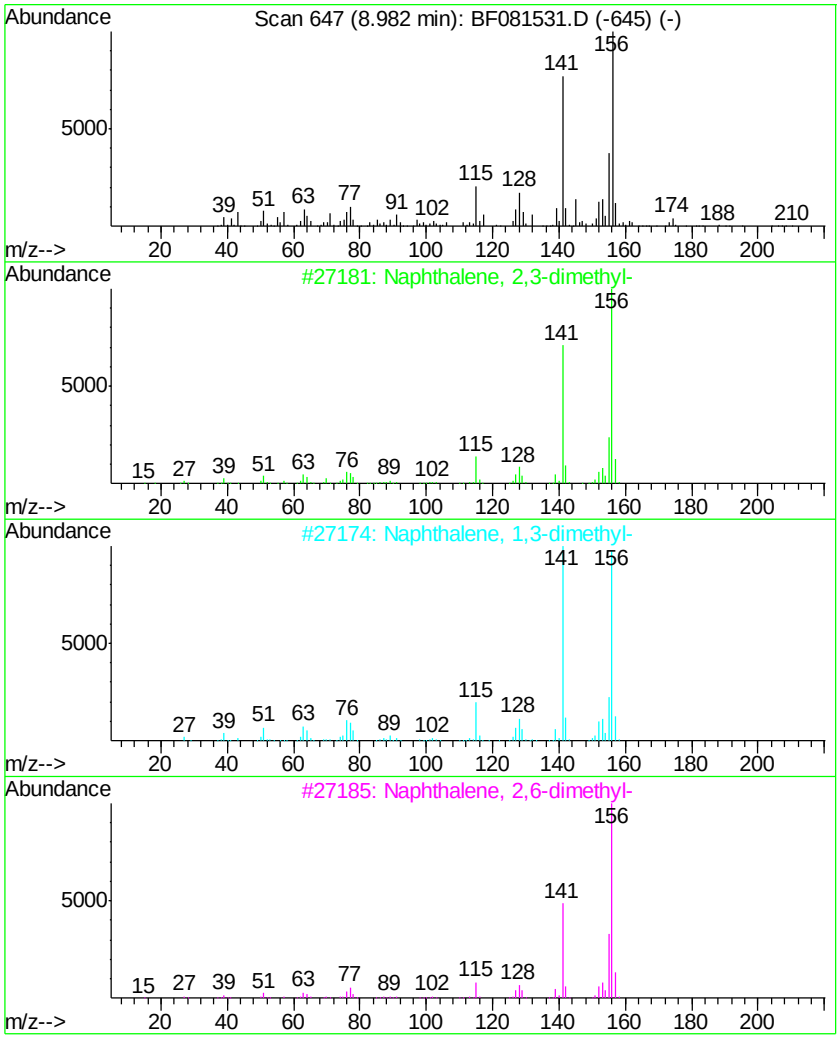
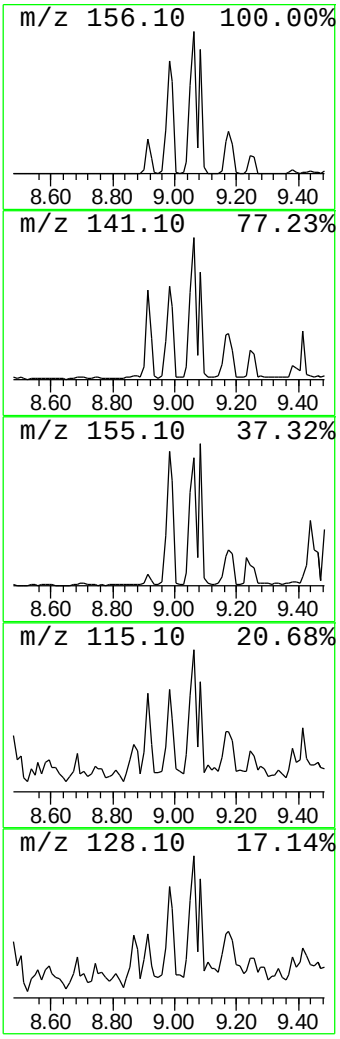
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	40.15 ng	1621130	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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

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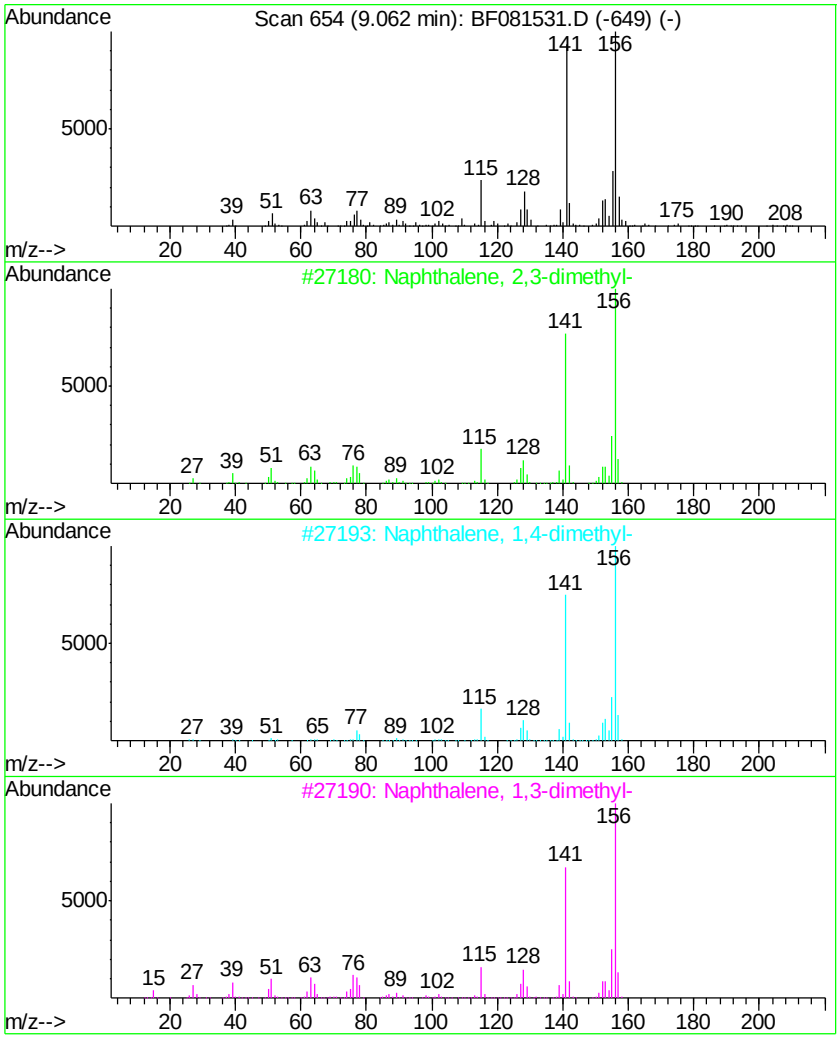
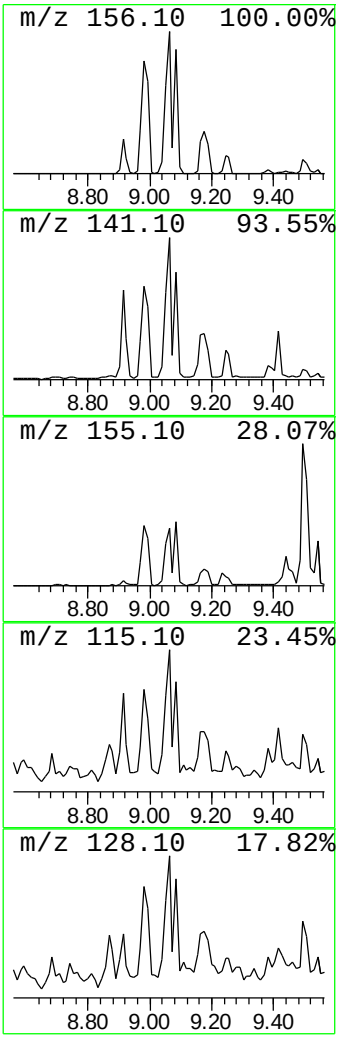
Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	47.33 ng	1911130	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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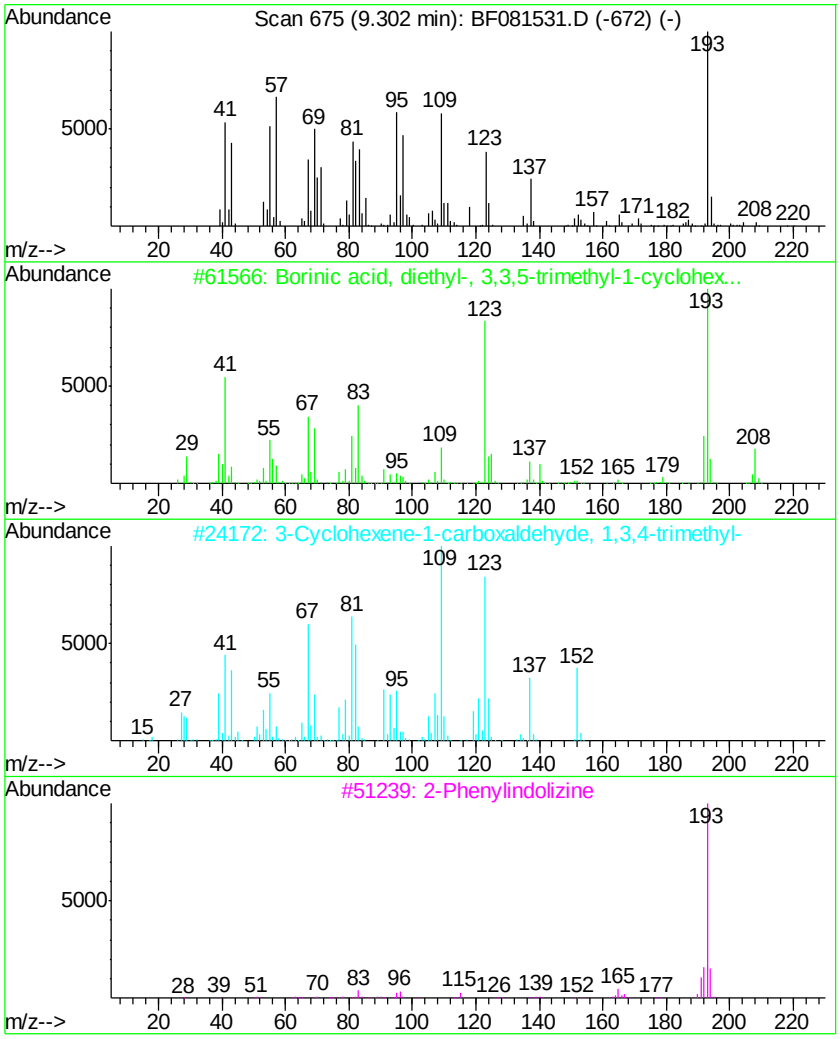
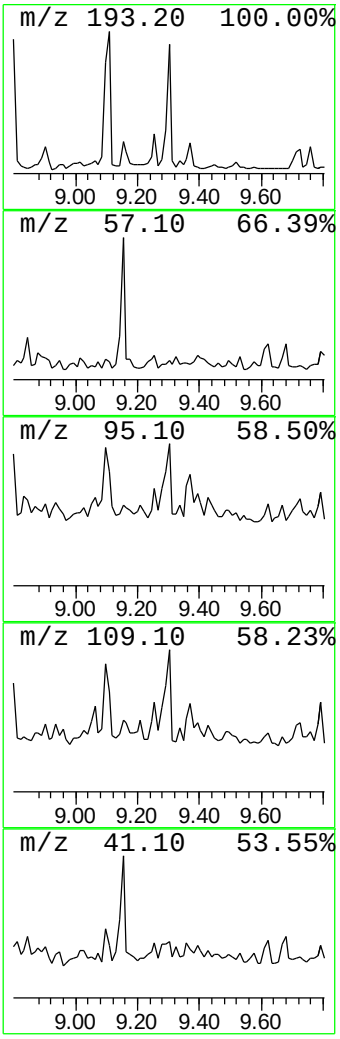
Peak Number 11 unknown9.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	18.52 ng	747568	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	47
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	14
3	2-Phenylindolizine	193	C14H11N	025379-20-8	14
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	14
5	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-66-7	11





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

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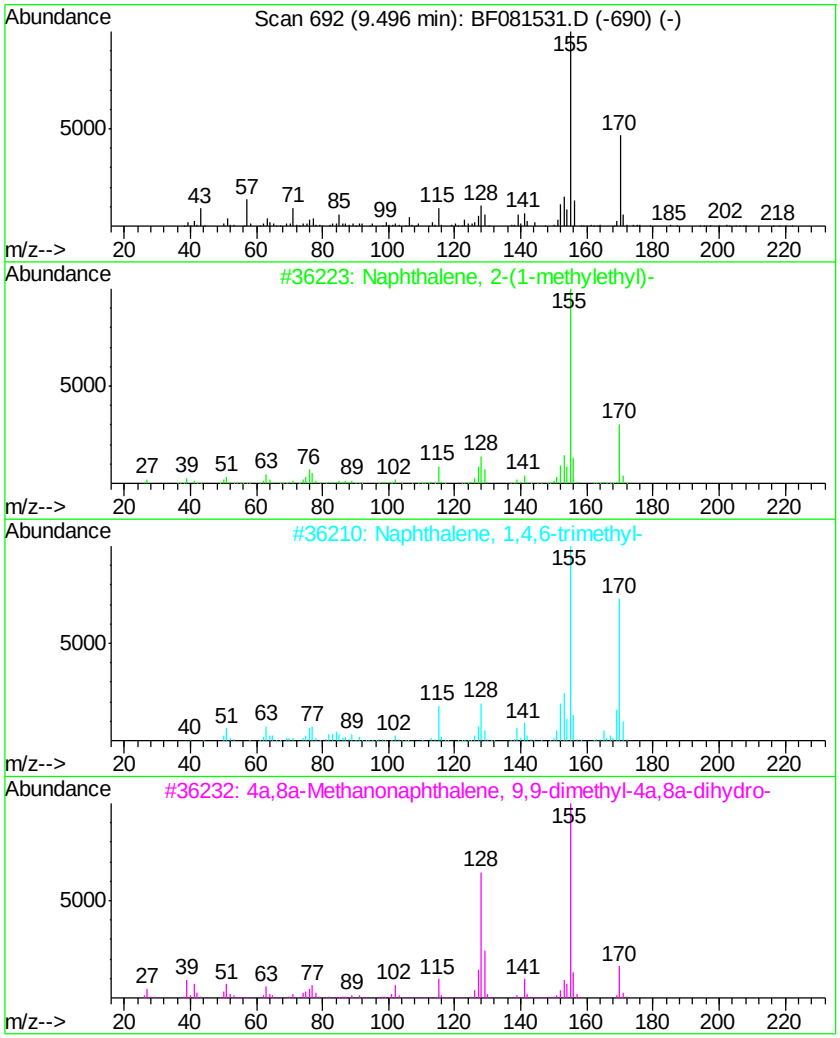
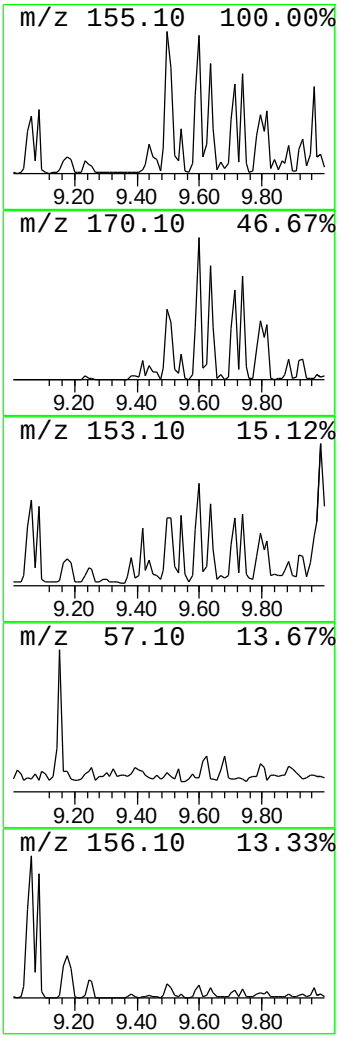
Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	21.33 ng	861065	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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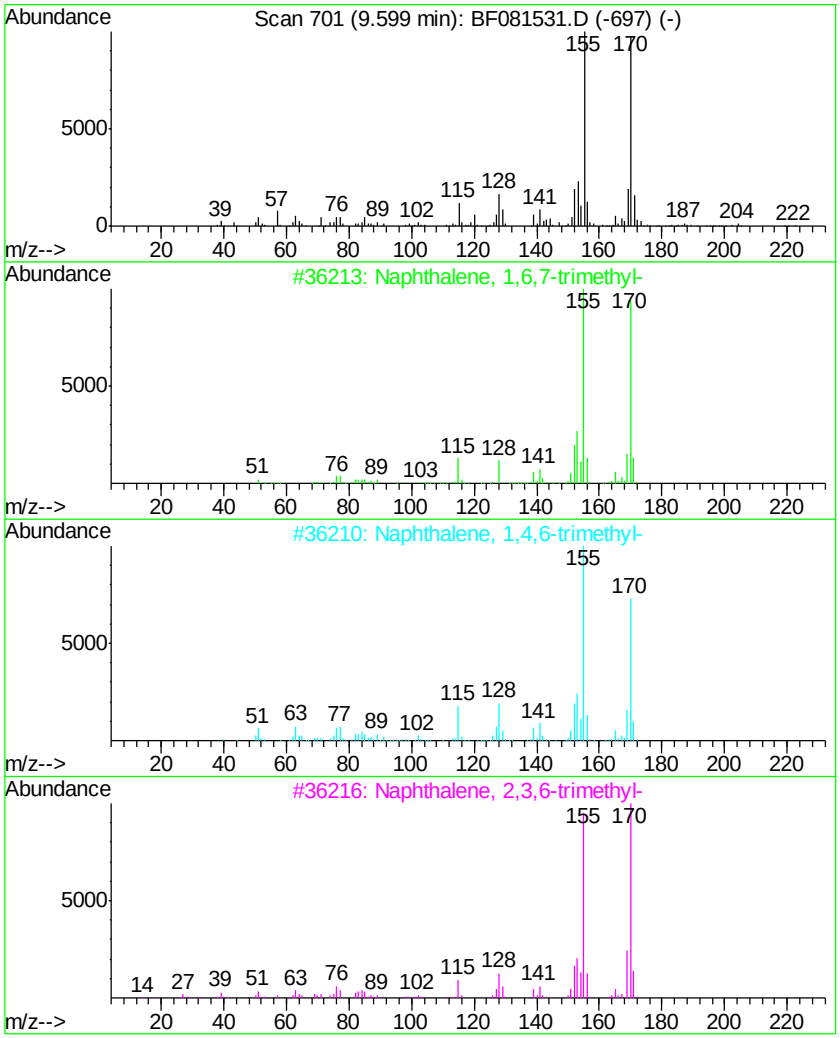
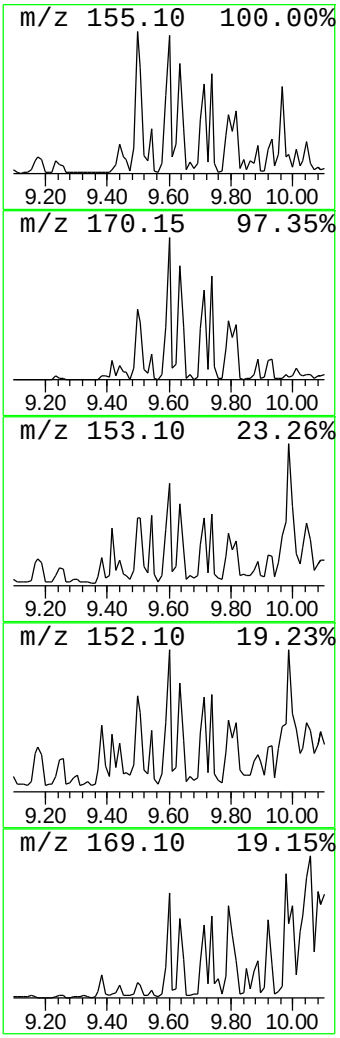
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	34.72 ng	1401620	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93





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TIC Library : C:\DATABASE\NIST02.L
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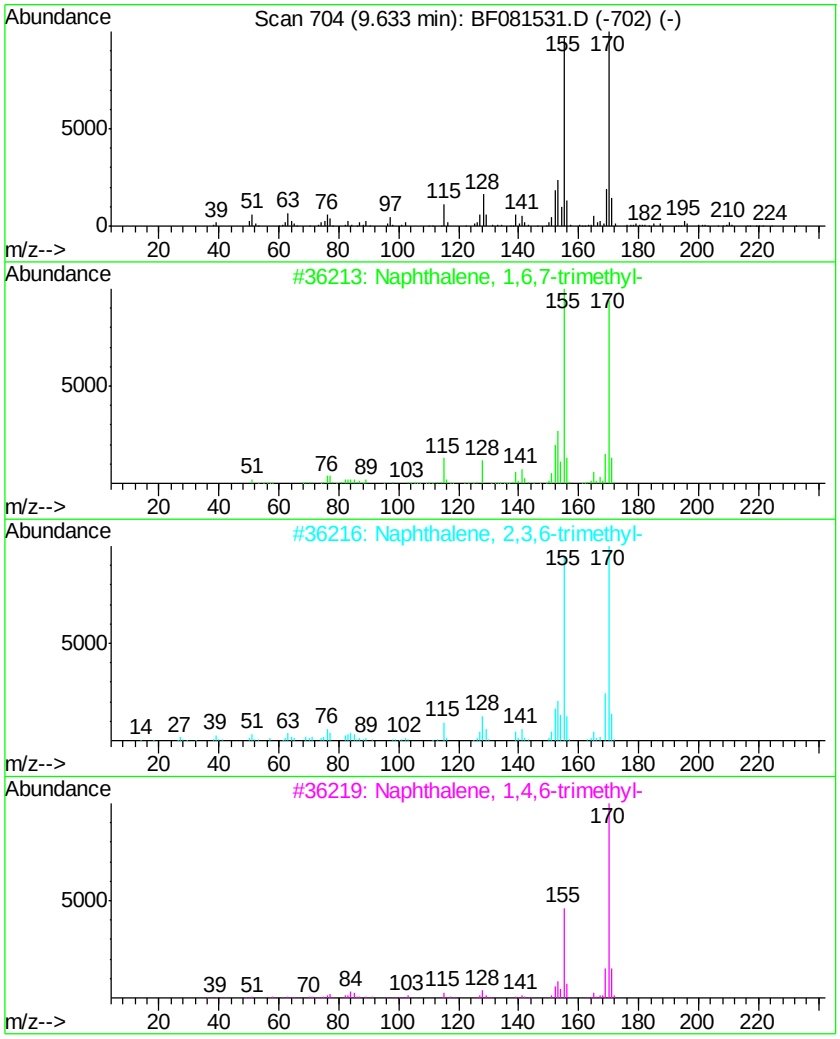
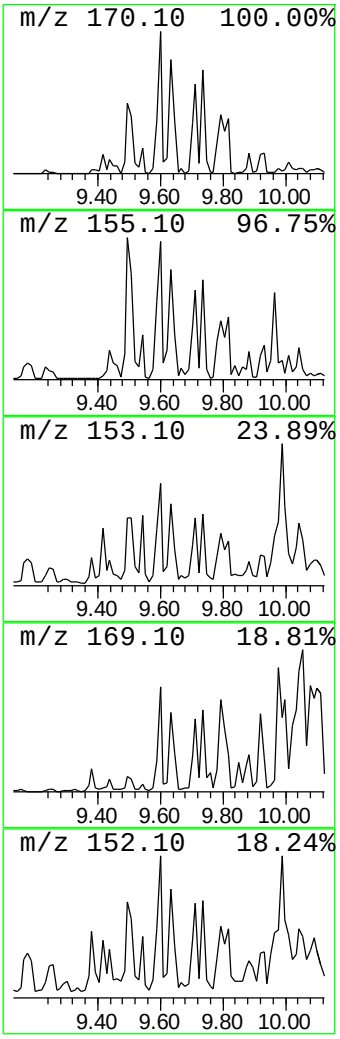
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	22.84 ng	922219	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Misc :
ALS Vial : 12 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

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TIC Integration Parameters: LSCINT.P

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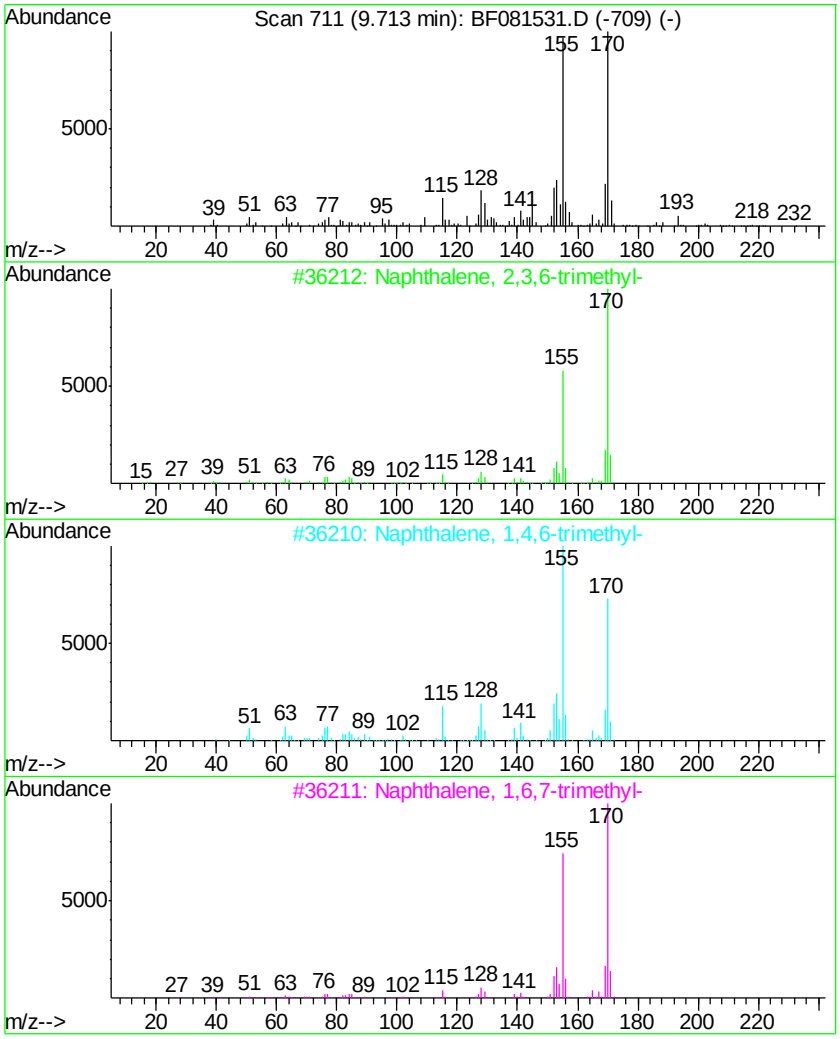
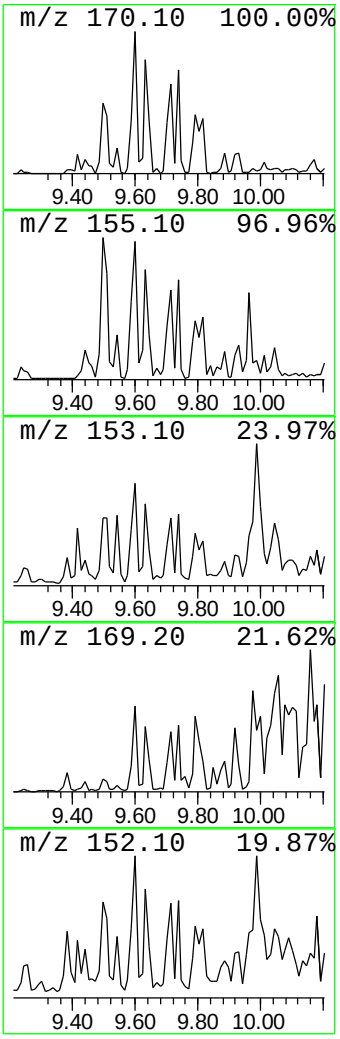
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	16.62 ng	671079	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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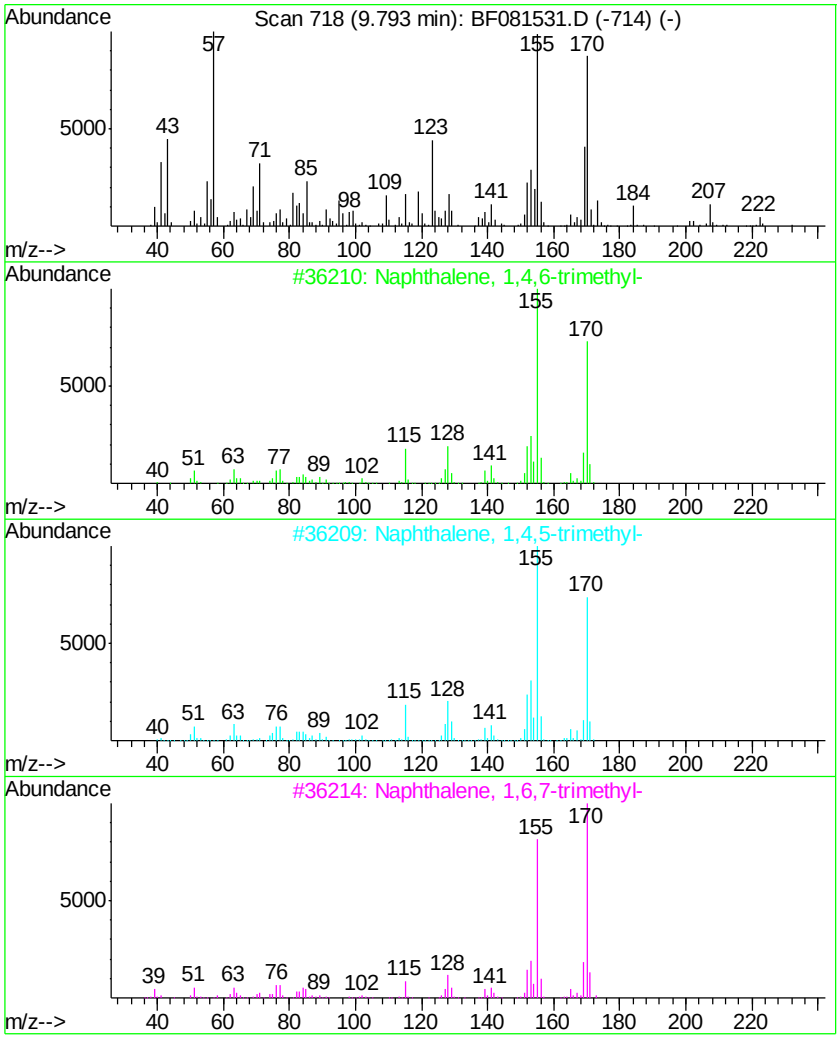
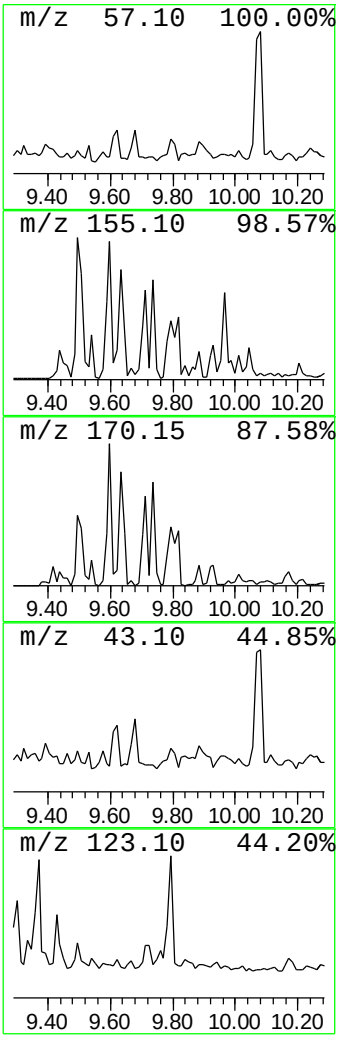
Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	39.74 ng	1604480	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83





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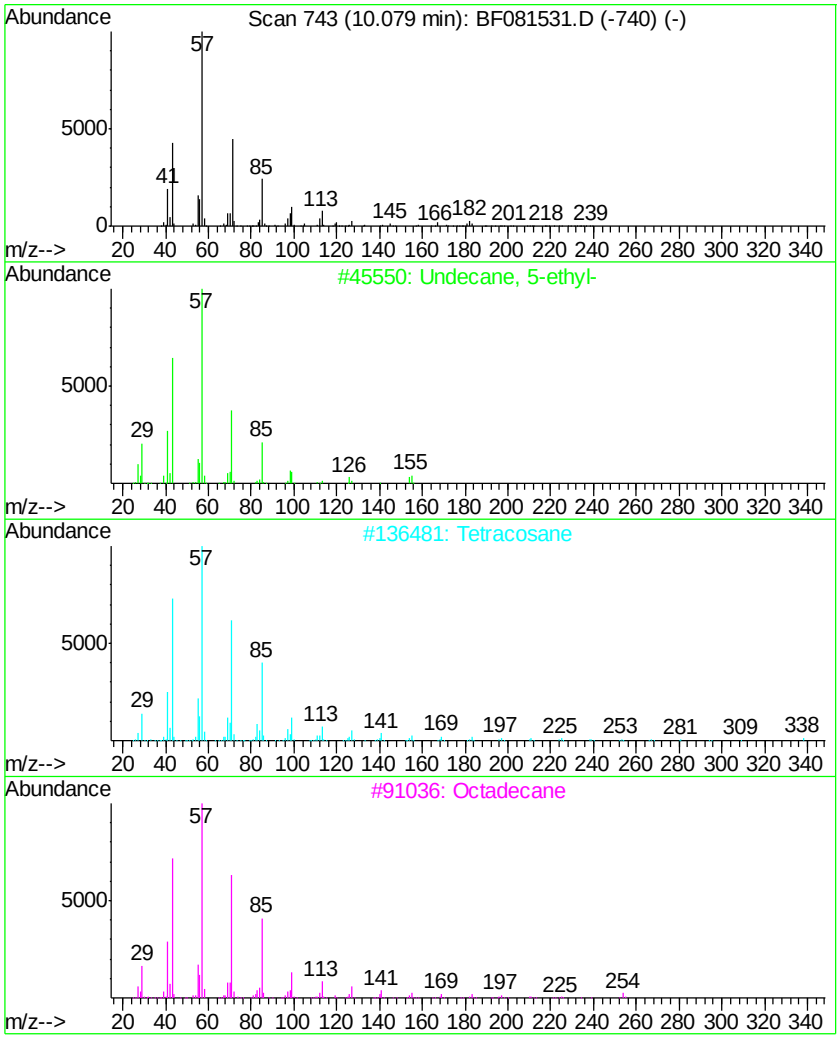
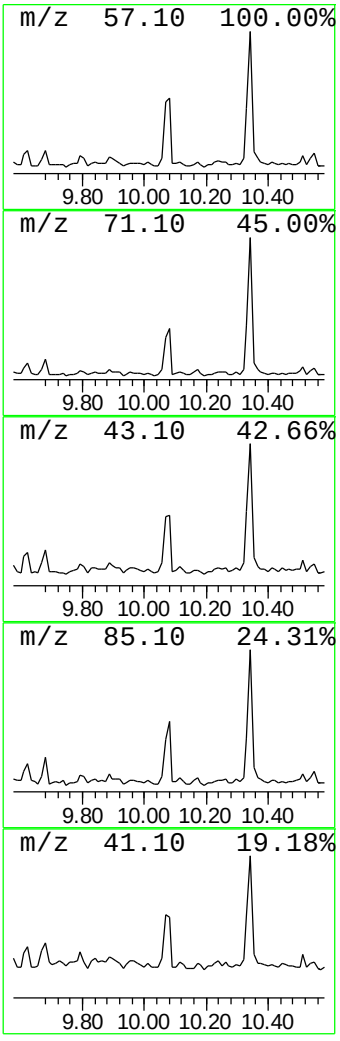
Peak Number 17 Undecane, 5-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	50.78 ng	2050230	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2	Tetracosane	338	C24H50	000646-31-1	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Pentadecane	212	C15H32	000629-62-9	64
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





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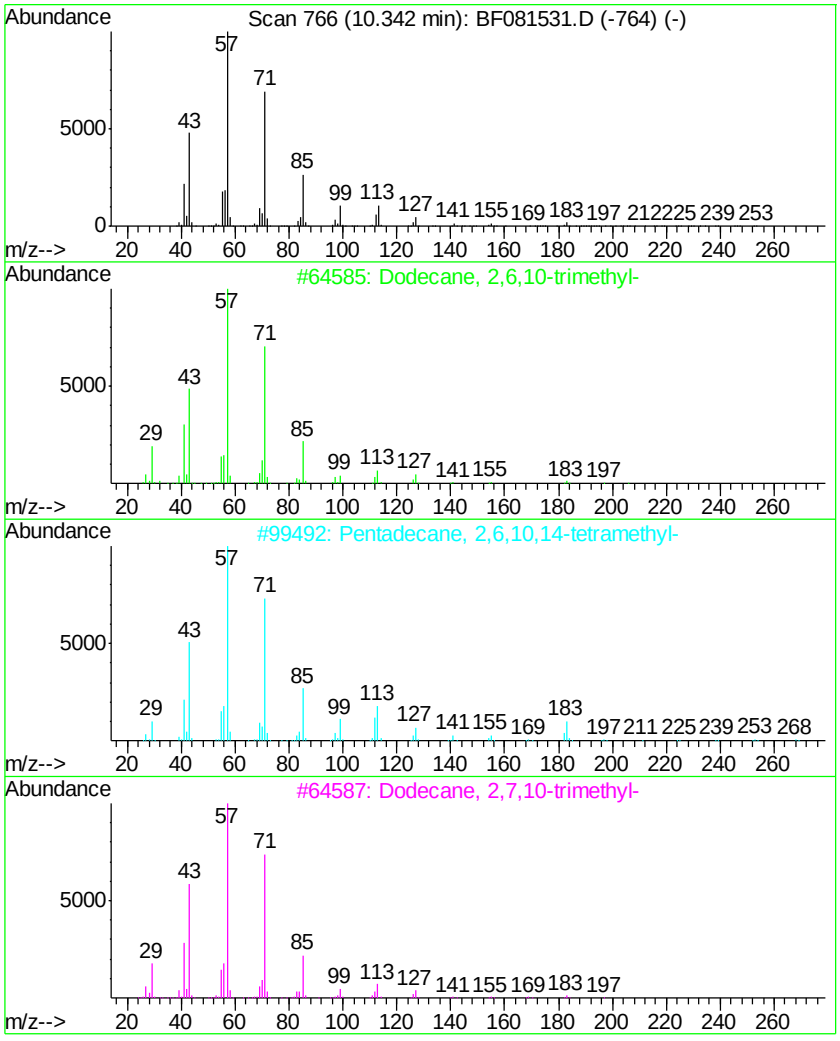
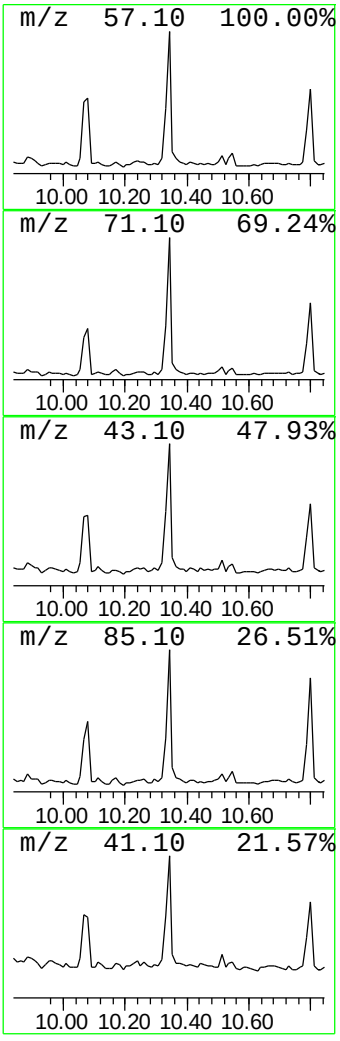
Peak Number 18 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	67.44 ng	2855070	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Hexadecane	226	C16H34	000544-76-3	72





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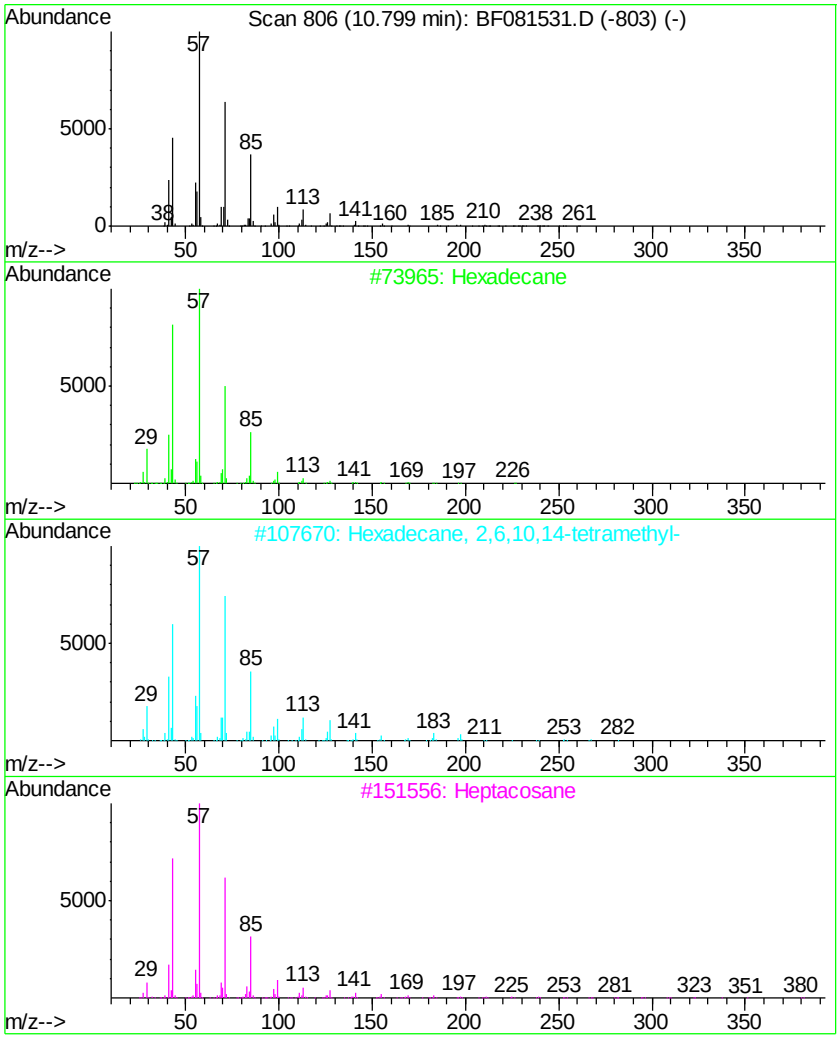
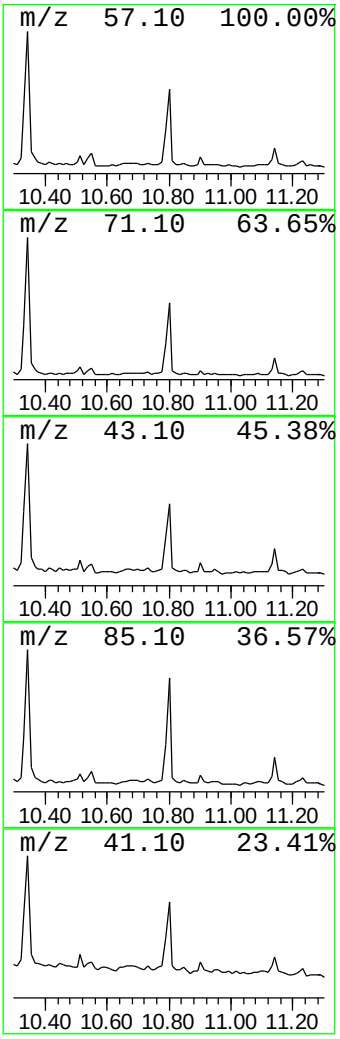
Peak Number 19 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	46.98 ng	1989020	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081531.D
Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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

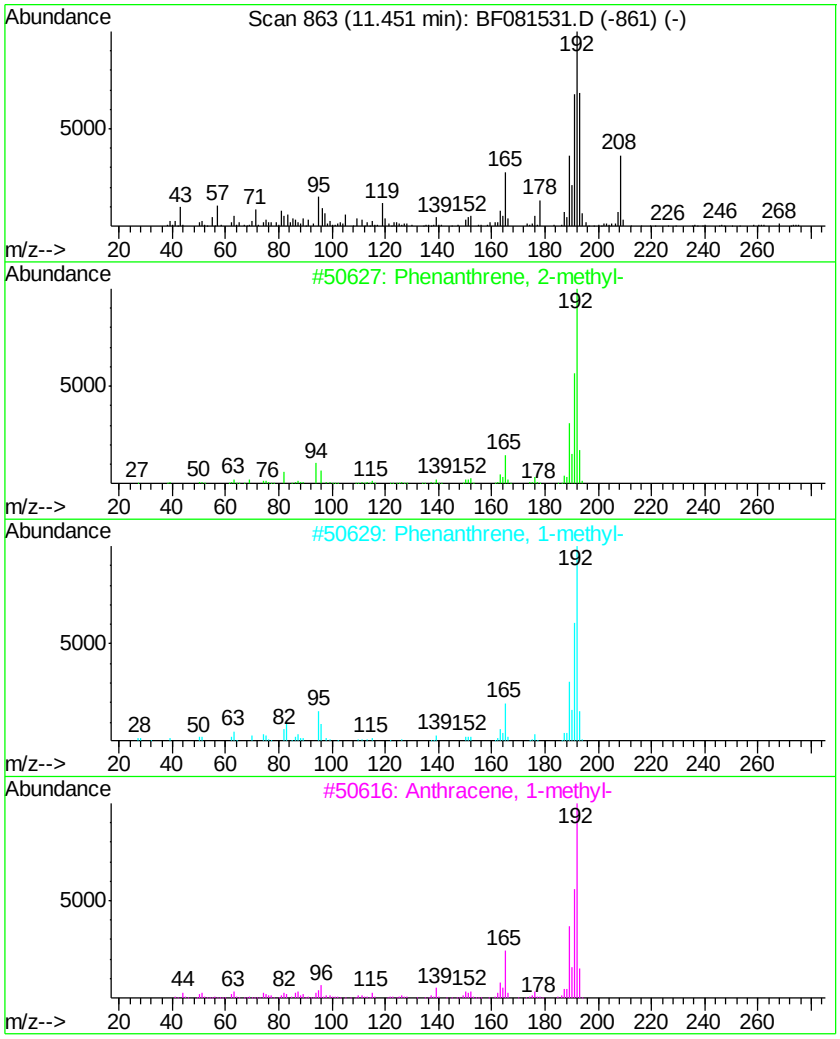
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

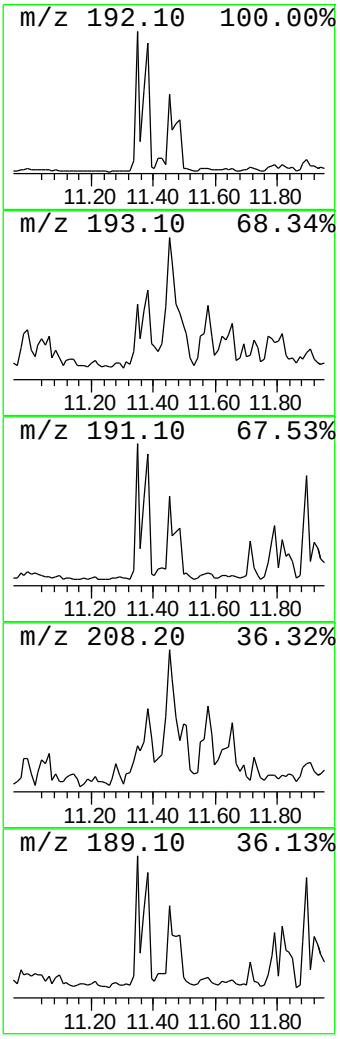
****

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	19.87 ng	841392	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081531.D
Acq On : 8 Sep 2015 19:49
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 12 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
Propane, 2-methyl...	4.39	58.6	ng	1186530	1	6.34	404586	20.0
unknown6.11	6.11	107.0	ng	2164650	1	6.34	404586	20.0
Octane, 2,6-dimet...	8.10	17.4	ng	1746320	2	7.64	2012220	20.0
Naphthalene, 1-me...	8.46	22.2	ng	2229120	2	7.64	2012220	20.0
Heptylcyclohexane	8.57	26.2	ng	1058160	3	9.38	807500	20.0
Decahydro-4,4,8,9...	8.80	21.9	ng	884132	3	9.38	807500	20.0
Naphthalene, 2,3-...	8.98	40.1	ng	1621130	3	9.38	807500	20.0
Naphthalene, 1,4-...	9.06	47.3	ng	1911130	3	9.38	807500	20.0
unknown9.30	9.30	18.5	ng	747568	3	9.38	807500	20.0
Naphthalene, 2-(1...	9.50	21.3	ng	861065	3	9.38	807500	20.0
Naphthalene, 1,6,...	9.60	34.7	ng	1401620	3	9.38	807500	20.0
Naphthalene, 2,3,...	9.63	22.8	ng	922219	3	9.38	807500	20.0
Naphthalene, 1,4,...	9.71	16.6	ng	671079	3	9.38	807500	20.0
Naphthalene, 1,4,...	9.79	39.7	ng	1604480	3	9.38	807500	20.0
Undecane, 5-ethyl-	10.08	50.8	ng	2050230	3	9.38	807500	20.0
Dodecane, 2,6,10-...	10.34	67.4	ng	2855070	4	10.86	846720	20.0
Hexadecane	10.80	47.0	ng	1989020	4	10.86	846720	20.0
Phenanthrene, 2-m...	11.45	19.9	ng	841392	4	10.86	846720	20.0