LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081917.D
Acq On : 30 Sep 2015 22:51
Operator : UM/IZ
Sample : G3868-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(WEST)

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-BF092815.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	2.606	38	41	60	rVB	879591	1388358	29.23%	2.935%
2	3.668	132	134	140	rVB	72034	115861	2.44%	0.245%
3	5.086	255	258	261	rBV	737942	897366	18.89%	1.897%
4	5.497	291	294	297	rBV	1595111	1569726	33.04%	3.319%
5	6.526	382	384	394	rBV	1486405	1688704	35.55%	3.570%
6	6.675	394	397	399	rBV	1218402	1752827	36.90%	3.706%
7	6.903	415	417	421	rBV2	497821	625542	13.17%	1.322%
8	7.017	426	427	429	rBV	43544	78031	1.64%	0.165%
9	7.063	429	431	433	rBV	1378429	1363338	28.70%	2.882%
10	7.177	438	441	443	rBV	90587	132586	2.79%	0.280%
11	7.246	445	447	448	rBV	78559	92868	1.95%	0.196%
12	7.292	448	451	453	rBV2	48631	71949	1.51%	0.152%
13	7.337	453	455	457	rVB3	40381	66529	1.40%	0.141%
14	7.440	460	464	465	rBV3	79701	157917	3.32%	0.334%
15	7.475	465	467	469	rBV	758944	954015	20.08%	2.017%
16	7.543	471	473	475	rVB2	92273	160342	3.38%	0.339%
17	7.612	475	479	481	rBV	88882	195074	4.11%	0.412%
18	7.657	481	483	484	rBV	45371	49059	1.03%	0.104%
19	7.680	484	485	486	rBV	117289	94814	2.00%	0.200%
20	7.715	486	488	489	rVB	72203	90469	1.90%	0.191%
21	7.829	493	498	500	rBV5	125323	235302	4.95%	0.497%
22	7.863	500	501	503	rVB2	83078	96459	2.03%	0.204%
23	7.897	503	504	505	rBV	74008	55010	1.16%	0.116%
24	7.943	505	508	510	rBV3	37277	65514	1.38%	0.139%
25	8.012	512	514	516	rVB2	70315	97084	2.04%	0.205%
26	8.057	516	518	520	rBV	115419	169069	3.56%	0.357%
27	8.126	522	524	525	rBV2	42038	68774	1.45%	0.145%
28	8.195	526	530	532	rBV	632282	857882	18.06%	1.814%
29	8.252	533	535	536	rVB	420461	516714	10.88%	1.092%
30	8.275	536	537	541	rVB2	154094	223257	4.70%	0.472%
31	8.343	541	543	544	rBV2	75723	92954	1.96%	0.197%
32	8.389	546	547	551	rVB2	208719	193042	4.06%	0.408%
33	8.480	551	555	557	rBV3	213474	405631	8.54%	0.858%
34	8.526	557	559	561	rBV3	79581	161721	3.40%	0.342%

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-01(WEST)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.572	561	563	564	rVB	124562	120413	2.53%	0.255%
36	8.606	564	566	572	rBV	687032	855157	18.00%	1.808%
37	8.698	572	574	575	rBV2	65994	77658	1.63%	0.164%
38	8.732	575	577	580	rBV3	121164	250723	5.28%	0.530%
39	8.778	580	581	583	rBV	70999	122347	2.58%	0.259%
40	8.880	588	590	591	rVB2	210489	282943	5.96%	0.598%
41	8.938	593	595	596	rVB2	111377	99269	2.09%	0.210%
42	8.972	596	598	600	rBV3	150428	323989	6.82%	0.685%
43	9.029	601	603	605	rVB2	114993	163319	3.44%	0.345%
44	9.063	605	606	607	rBV	113712	110565	2.33%	0.234%
45	9.098	607	609	611	rVB3	136802	154805	3.26%	0.327%
46	9.132	611	612	613	rBV	105347	91006	1.92%	0.192%
47	9.212	617	619	621	rBV	742370	795239	16.74%	1.681%
48	9.269	621	624	626	rBV	2254656	2107085	44.36%	4.455%
49	9.303	626	627	628	rVB	70596	48429	1.02%	0.102%
50	9.349	628	631	633	rBV2	311425	448356	9.44%	0.948%
51	9.406	633	636	638	rVB4	131551	289663	6.10%	0.612%
52	9.463	639	641	644	rBV3	64111	70888	1.49%	0.150%
53	9.532	646	647	648	rBV	113308	101568	2.14%	0.215%
54	9.658	656	658	660	rBV2	910496	1345150	28.32%	2.844%
55	9.692	660	661	662	rVV	125881	90962	1.91%	0.192%
56	9.738	662	665	670	rVB7	134452	327125	6.89%	0.692%
57	9.806	670	671	673	rBV2	196419	218960	4.61%	0.463%
58	9.852	673	675	677	rVB3	209443	197085	4.15%	0.417%
59	9.943	681	683	685	rVV	805857	860563	18.12%	1.819%
60	9.978	685	686	688	rVV2	118227	156174	3.29%	0.330%
61	10.046	691	692	694	rBV2	179786	257826	5.43%	0.545%
62	10.092	694	696	698	rBV2	89172	103339	2.18%	0.218%
63	10.138	698	700	703	rBV2	243551	376556	7.93%	0.796%
64	10.195	703	705	709	rVB5	276460	465837	9.81%	0.985%
65	10.263	709	711	712	rBV	386023	408795	8.61%	0.864%
66	10.355	716	719	721	rVB	4533428	4750324	100.00%	10.043%
67	10.435	724	726	728	rVB3	111814	170215	3.58%	0.360%
68	10.492	728	731	732	rBV3	149005	291803	6.14%	0.617%
69	10.595	738	740	743	rVB	888812	1036965	21.83%	2.192%
70	10.641	743	744	747	rVB3	121560	227644	4.79%	0.481%
71	10.709	747	750	751	rBV2	114777	223096	4.70%	0.472%

LSC Area Percent Report

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72	10.732	751	752	754	rBV2	793894	868880	18.29%	1.837%
73	10.858	761	763	767	rVB	1718125	1788380	37.65%	3.781%
74	10.938	767	770	771	rBV2	152009	278676	5.87%	0.589%
75	11.041	777	779	780	rBV	99718	146550	3.09%	0.310%
76	11.075	780	782	788	rVB6	267911	546320	11.50%	1.155%
77	11.189	790	792	795	rVB3	113929	184015	3.87%	0.389%
78	11.326	801	804	807	rVB	1070741	1242561	26.16%	2.627%
79	11.429	812	813	820	rBV	575151	1007349	21.21%	2.130%
80	11.544	821	823	826	rBV4	83591	152708	3.21%	0.323%
81	11.669	832	834	837	rBV2	236880	320566	6.75%	0.678%
82	11.761	840	842	846	rVB4	134800	234277	4.93%	0.495%
83	11.841	848	849	853	rBV3	62051	125831	2.65%	0.266%
84	11.932	856	857	862	rBV4	82055	183885	3.87%	0.389%
85	12.046	865	867	871	rVB2	110927	196586	4.14%	0.416%
86	12.161	875	877	879	rBV2	43432	52256	1.10%	0.110%
87	12.412	897	899	903	rVB2	92466	149641	3.15%	0.316%
88	12.481	903	905	907	rBV	100209	100899	2.12%	0.213%
89	12.652	918	920	926	rVB2	136385	200149	4.21%	0.423%
90	12.801	931	933	937	rVB3	32660	70411	1.48%	0.149%
91	12.869	937	939	943	rVB2	61412	113380	2.39%	0.240%
92	13.018	949	952	956	rBV2	1860481	2305931	48.54%	4.875%
93	13.910	1028	1030	1035	rBV4	20222	53961	1.14%	0.114%
94	14.070	1040	1044	1057	rVB	537426	813503	17.13%	1.720%
95	14.698	1096	1099	1102	rBV	2747624	2624398	55.25%	5.548%
96	15.110	1132	1135	1139	rBV	23806	67581	1.42%	0.143%
97	15.521	1169	1171	1182	rVB	361171	667096	14.04%	1.410%

Sum of corrected areas: 47301419

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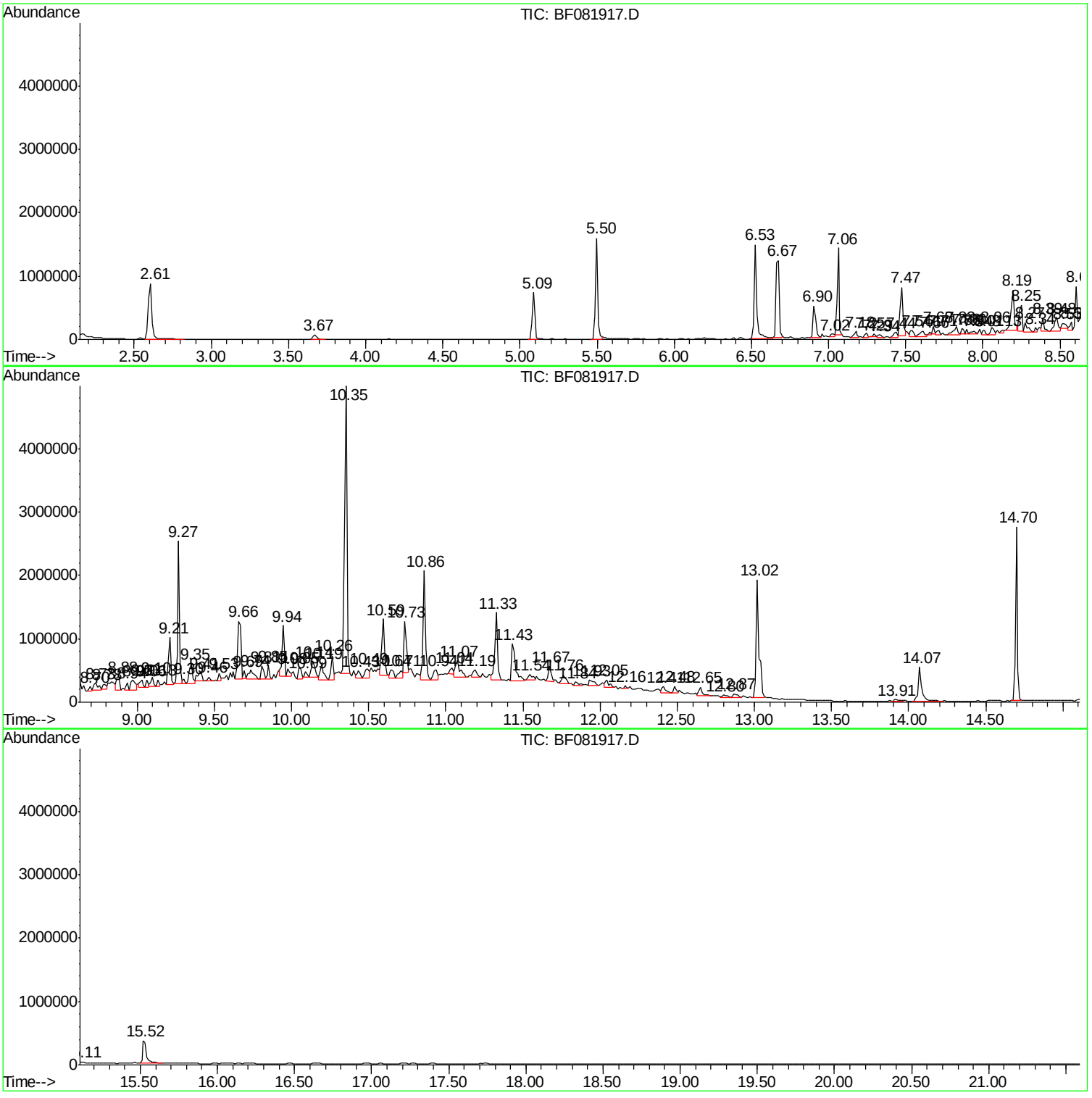
Instrument :
BNA_F
ClientSampleId :
SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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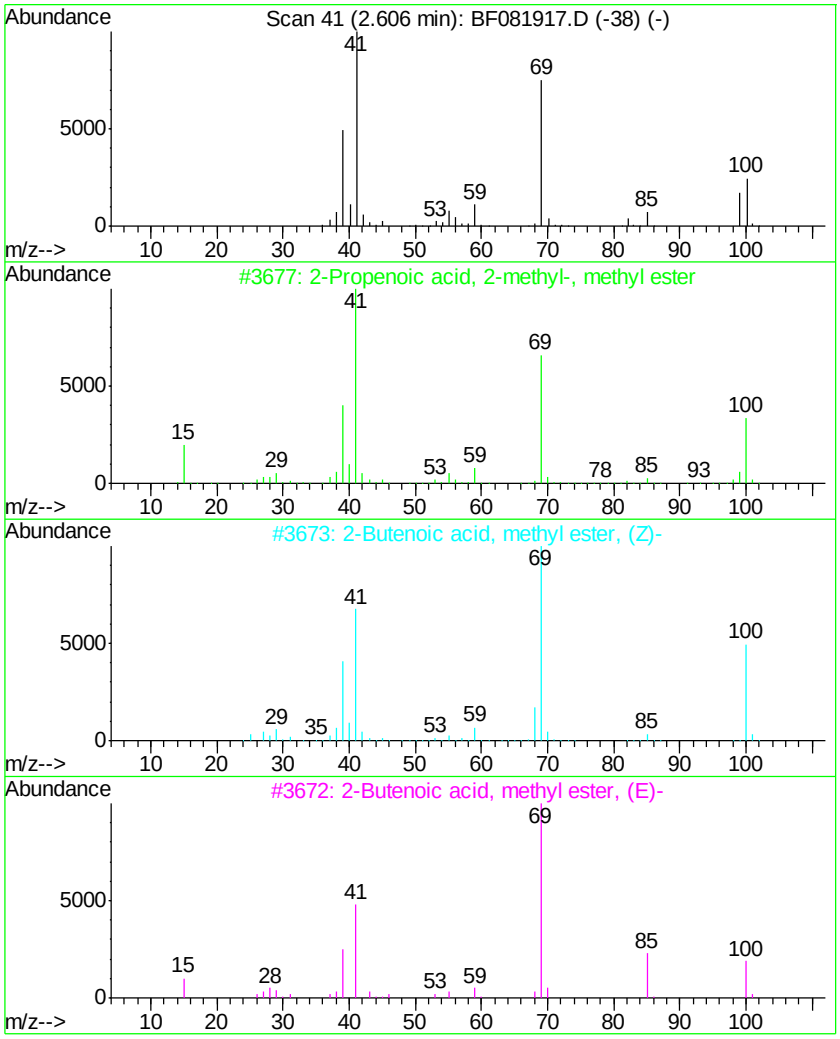
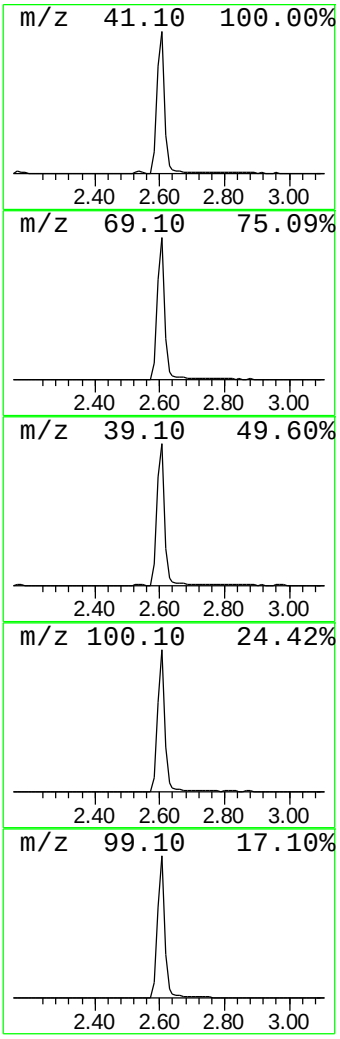
****

Peak Number 1 2-Propenoic acid, 2-methyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.61	44.39 ng	1388360	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	86
2	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	72
3	2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	64
4	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	64
5	Crotonyl isothiocyanate	127	C5H5NOS	060034-28-8	45





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Operator : UM/IZ
Sample : G3868-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

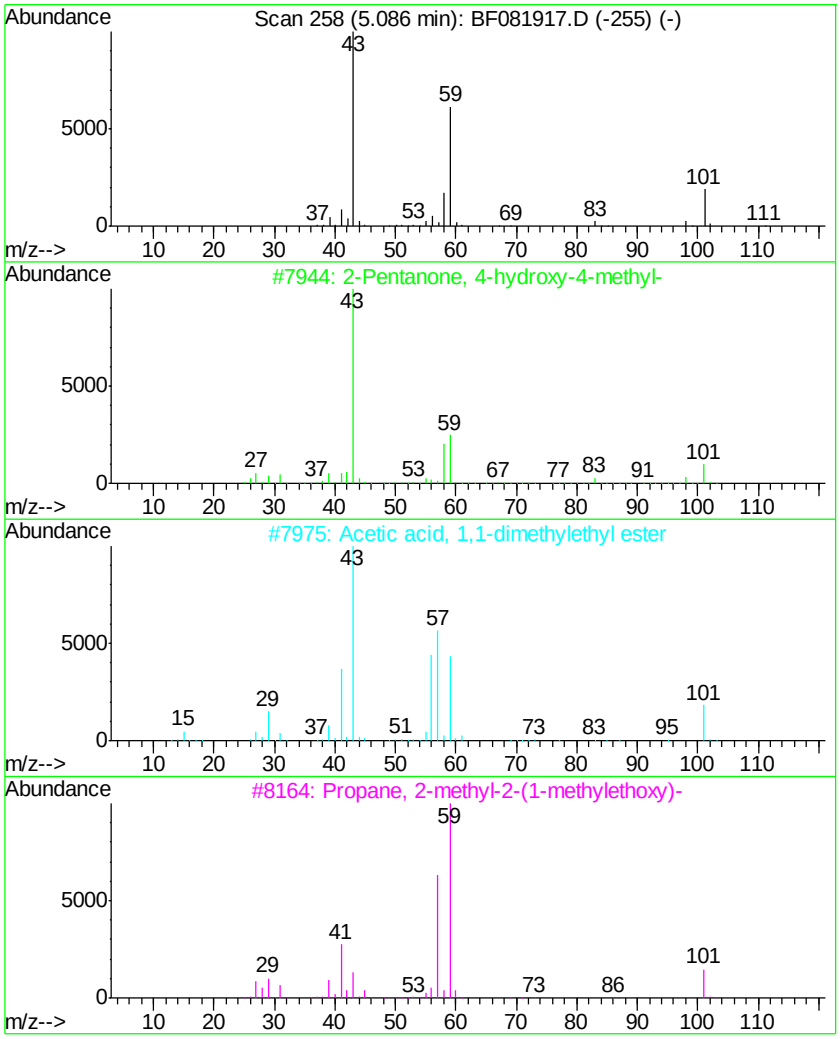
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

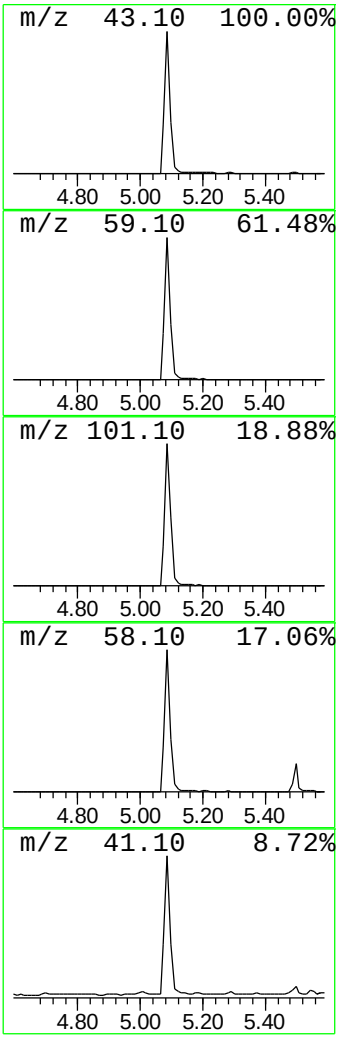
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	28.69 ng	897366	1,4-Dichlorobenzene-d4	6.90

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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TIC Library : C:\DATABASE\NIST02.L
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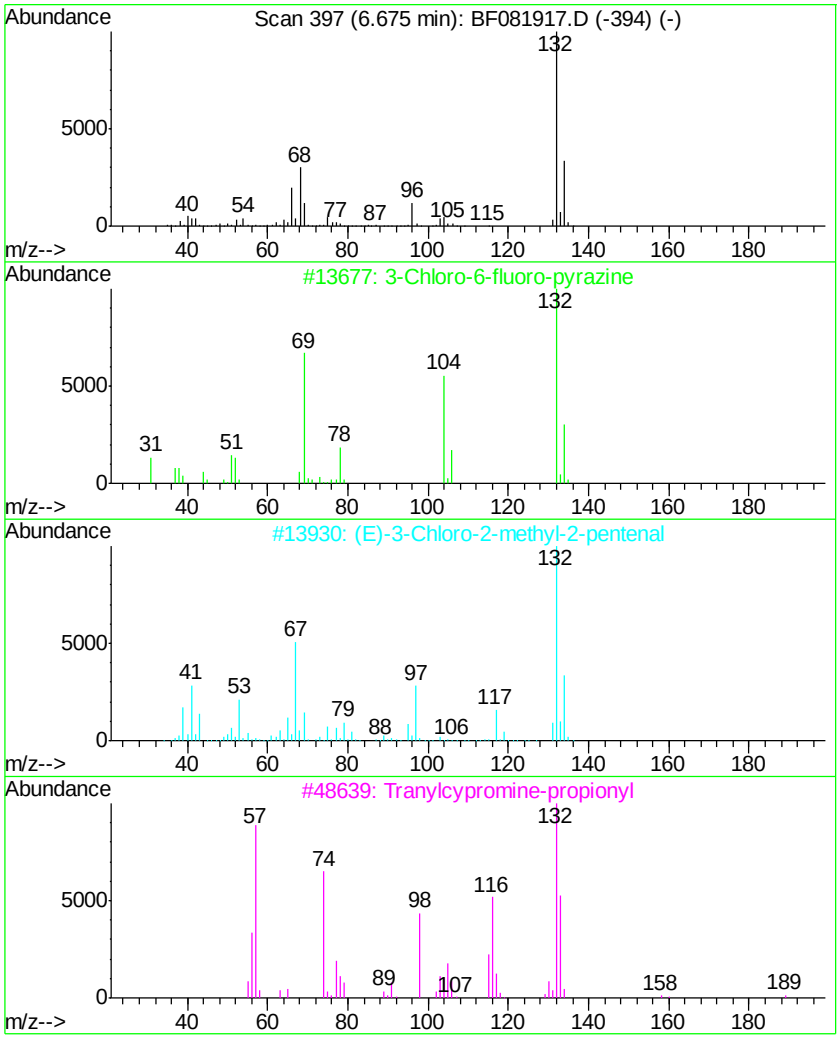
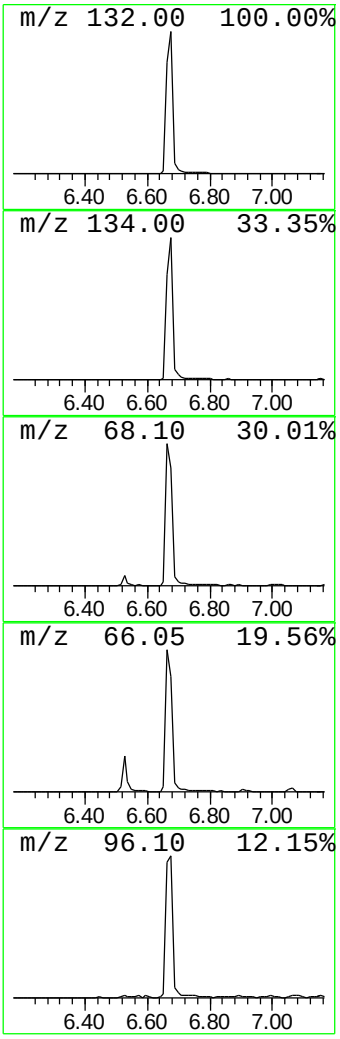
****

Peak Number 3 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	56.04 ng	1752830	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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ClientSampleId : SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
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TIC Library : C:\DATABASE\NIST02.L
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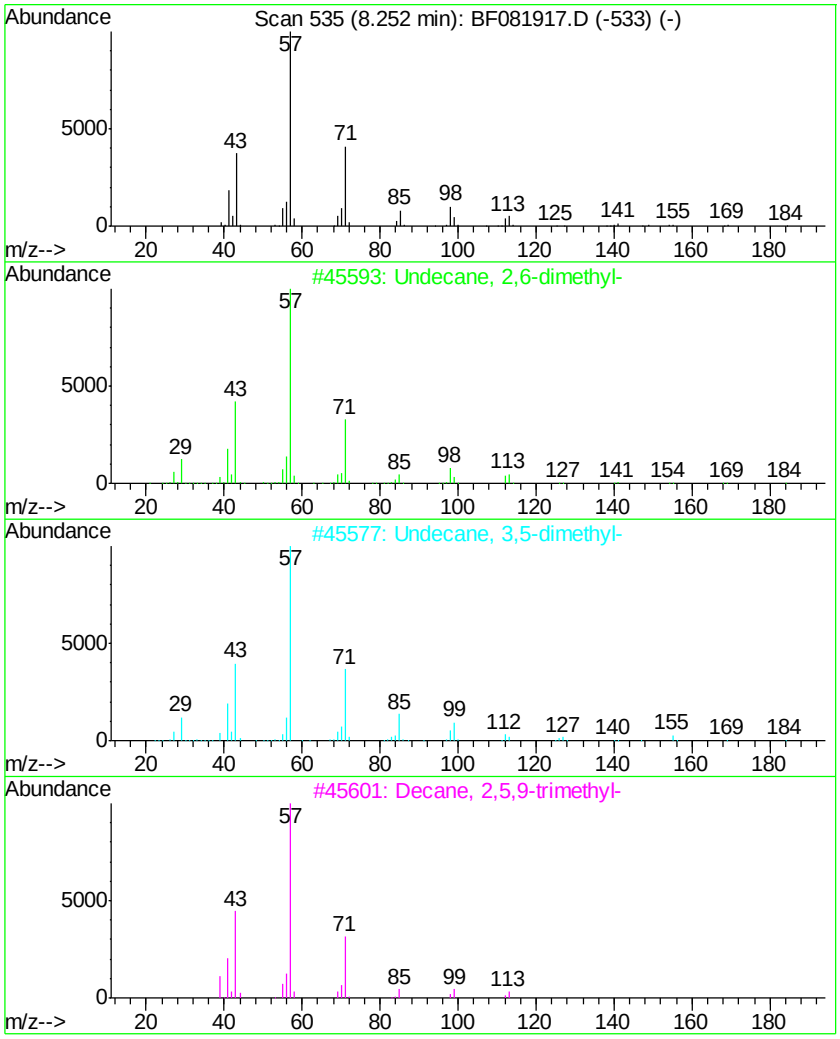
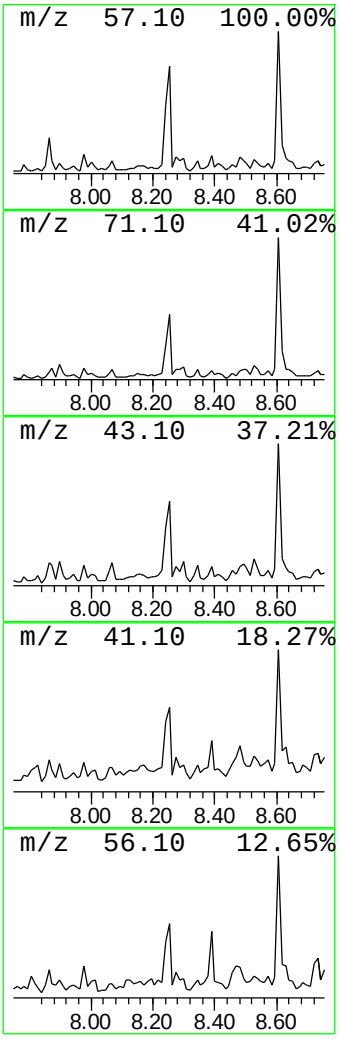
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	12.05 ng	516714	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64





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Instrument : BNA_F
ClientSampleId : SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

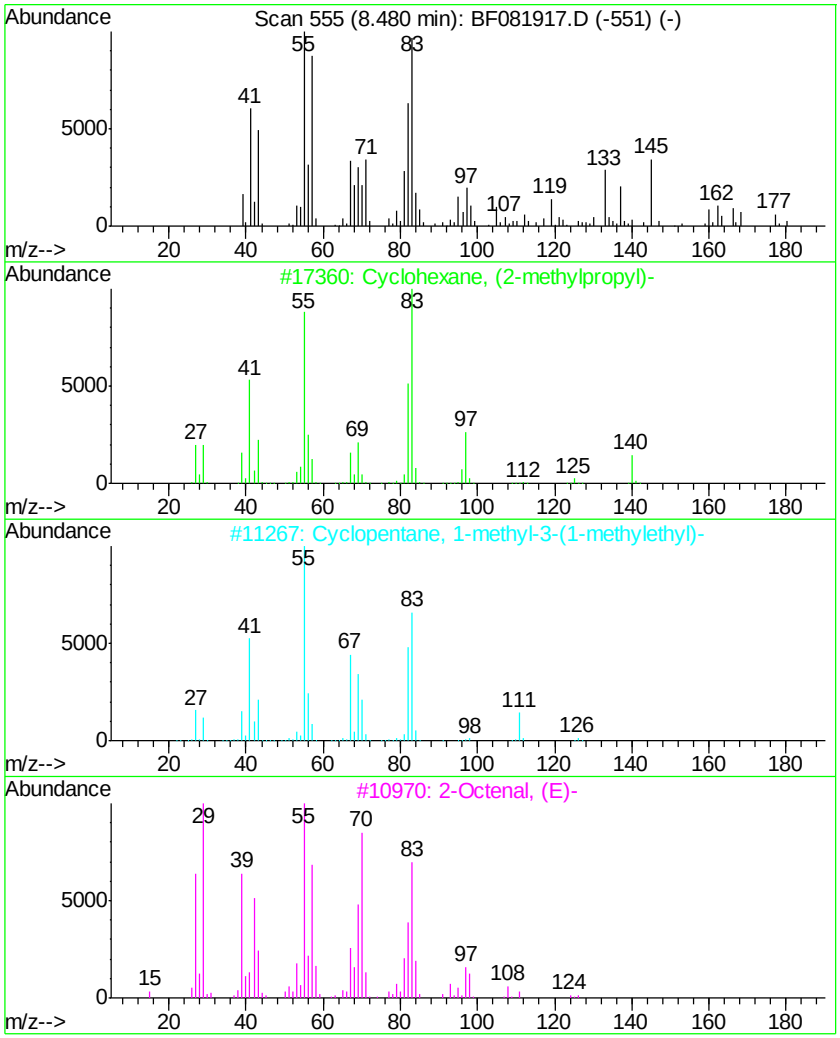
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

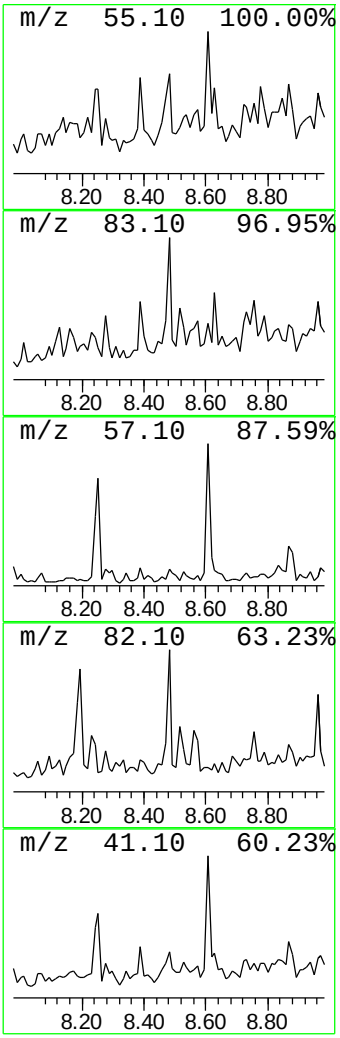
****

Peak Number 6 unknown8.48 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	9.46 ng	405631	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	43
3	2-Octenal, (E)-	126	C8H14O	002548-87-0	43
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38





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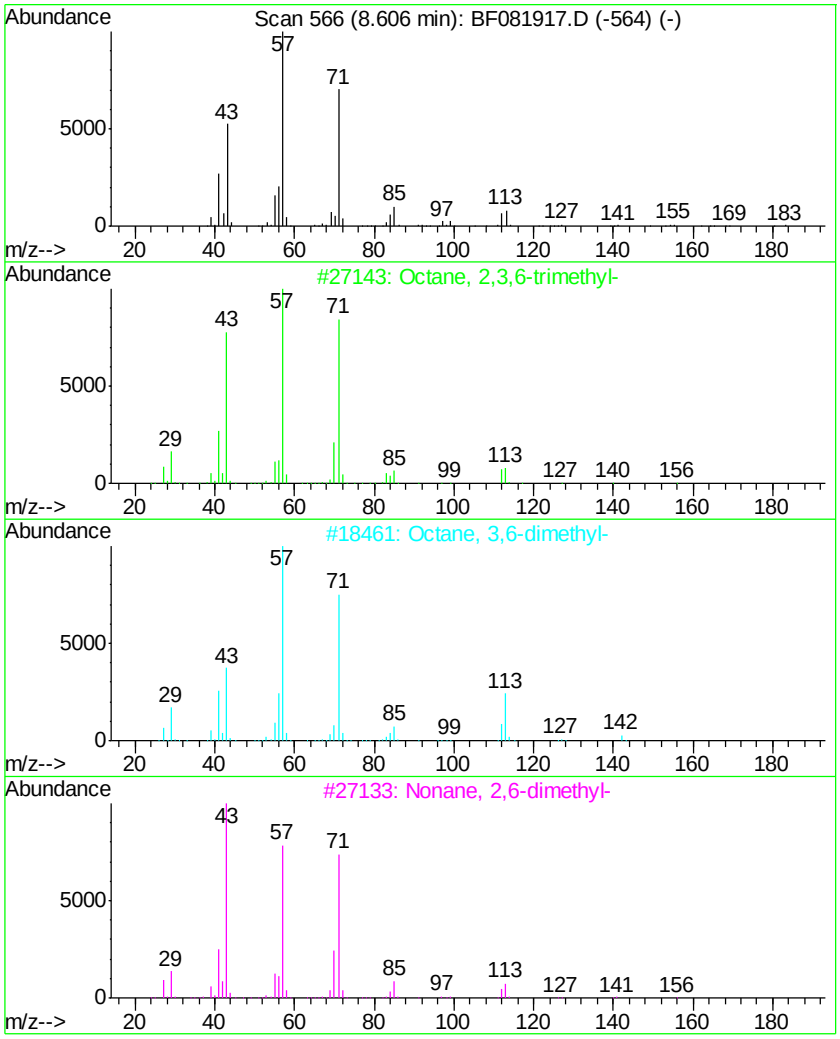
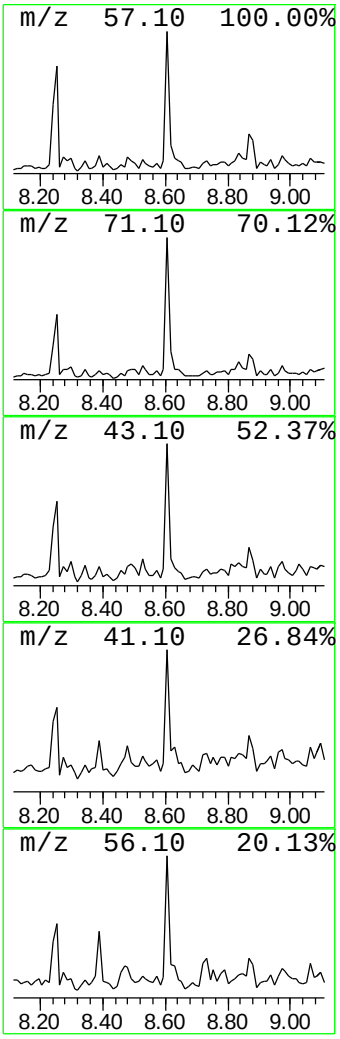
****

Peak Number 7 Octane, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	19.94 ng	855157	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64





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Operator : UM/IZ
Sample : G3868-05
Misc :
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Instrument : BNA_F
ClientSampleId : SB-01(WEST)

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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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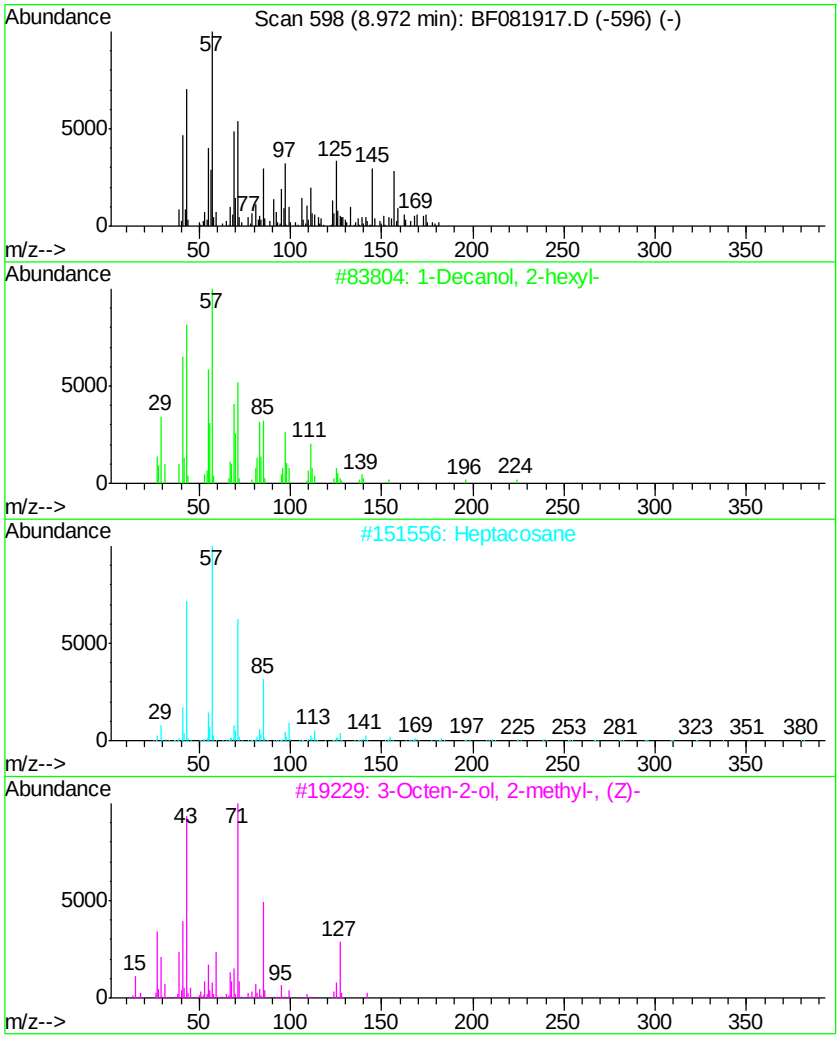
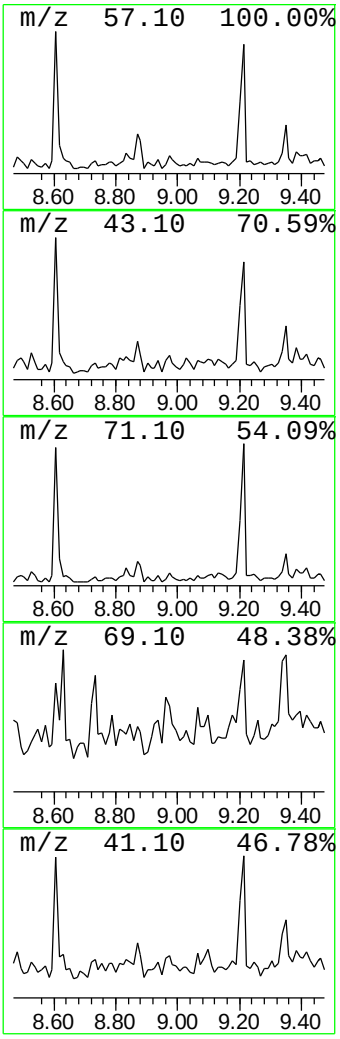
Peak Number 8 unknown8.97 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	7.55 ng	323989	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
2	Heptacosane	380	C27H56	000593-49-7	22
3	3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	22
4	Decane	142	C10H22	000124-18-5	18
5	Nonacosane	408	C29H60	000630-03-5	14





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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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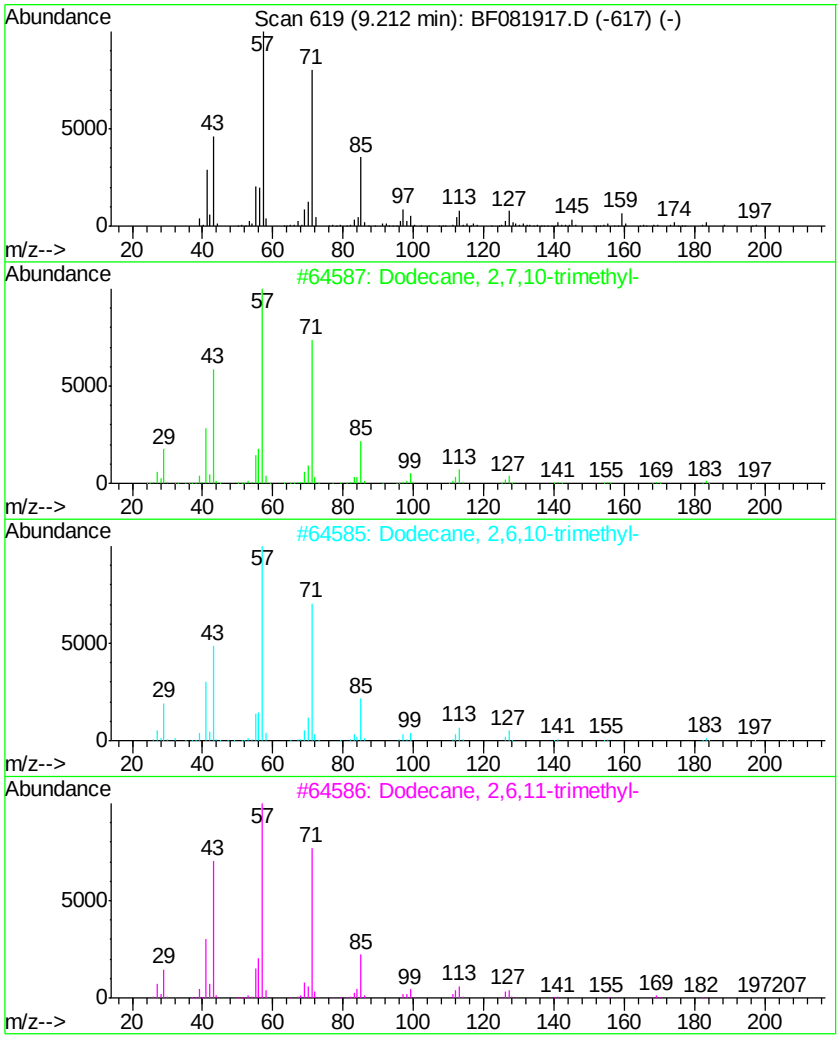
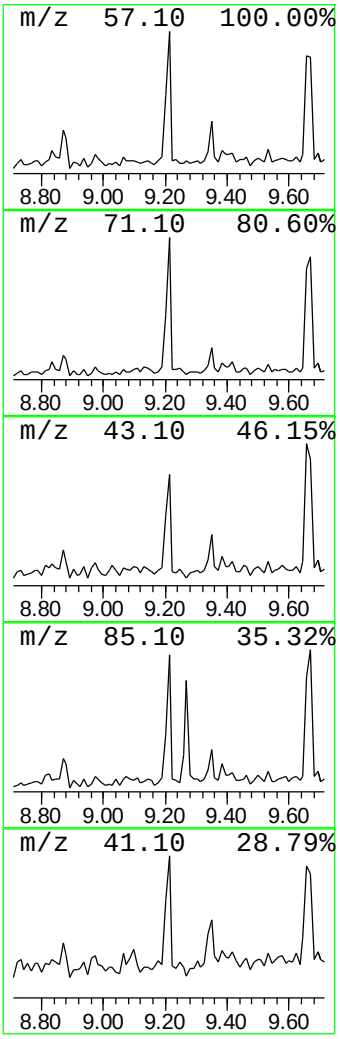
Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	18.48 ng	795239	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	59





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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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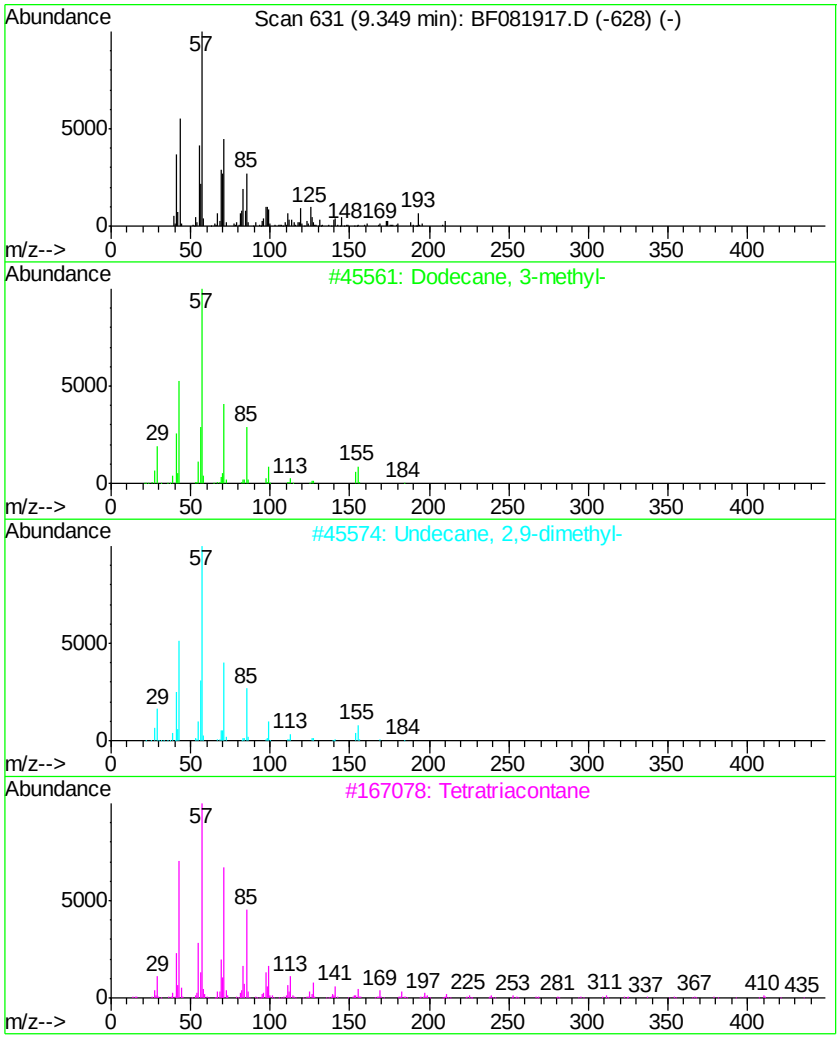
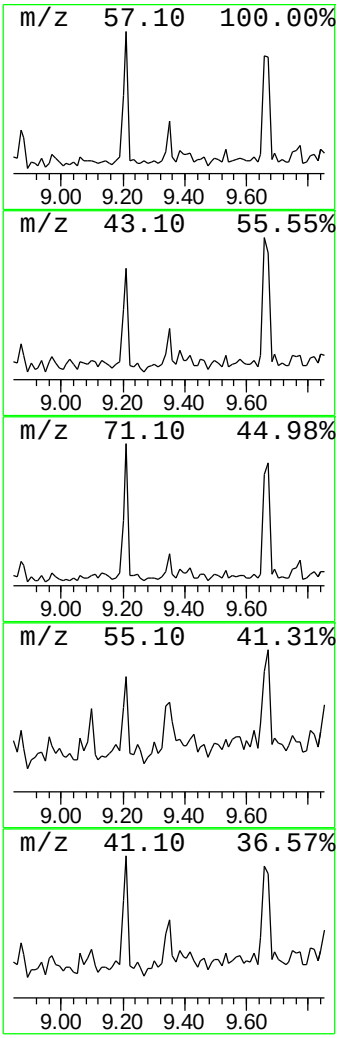
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	10.42 ng	448356	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
3	Tetratriacontane	479	C34H70	014167-59-0	50
4	Pentadecane	212	C15H32	000629-62-9	47
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





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ClientSampleId : SB-01(WEST)

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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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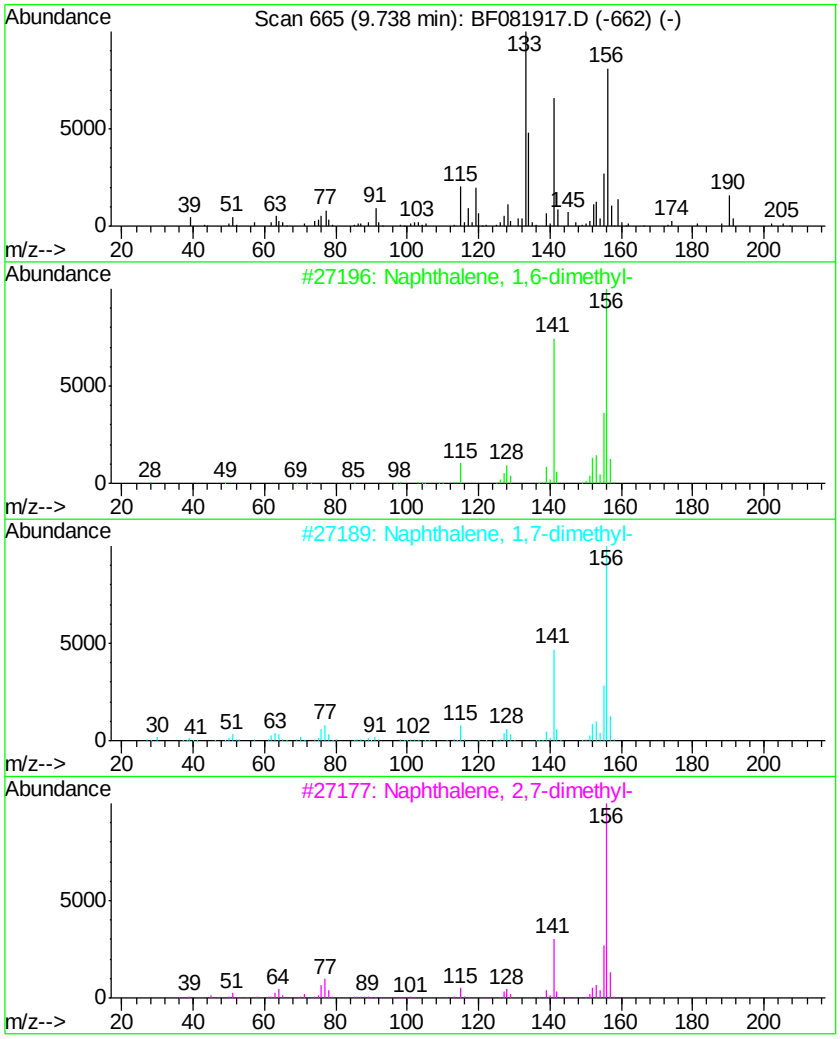
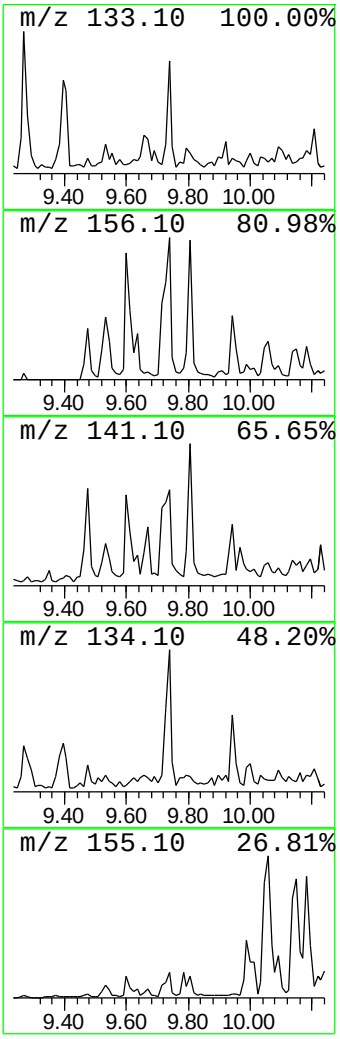
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	7.60 ng	327125	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-01(WEST)

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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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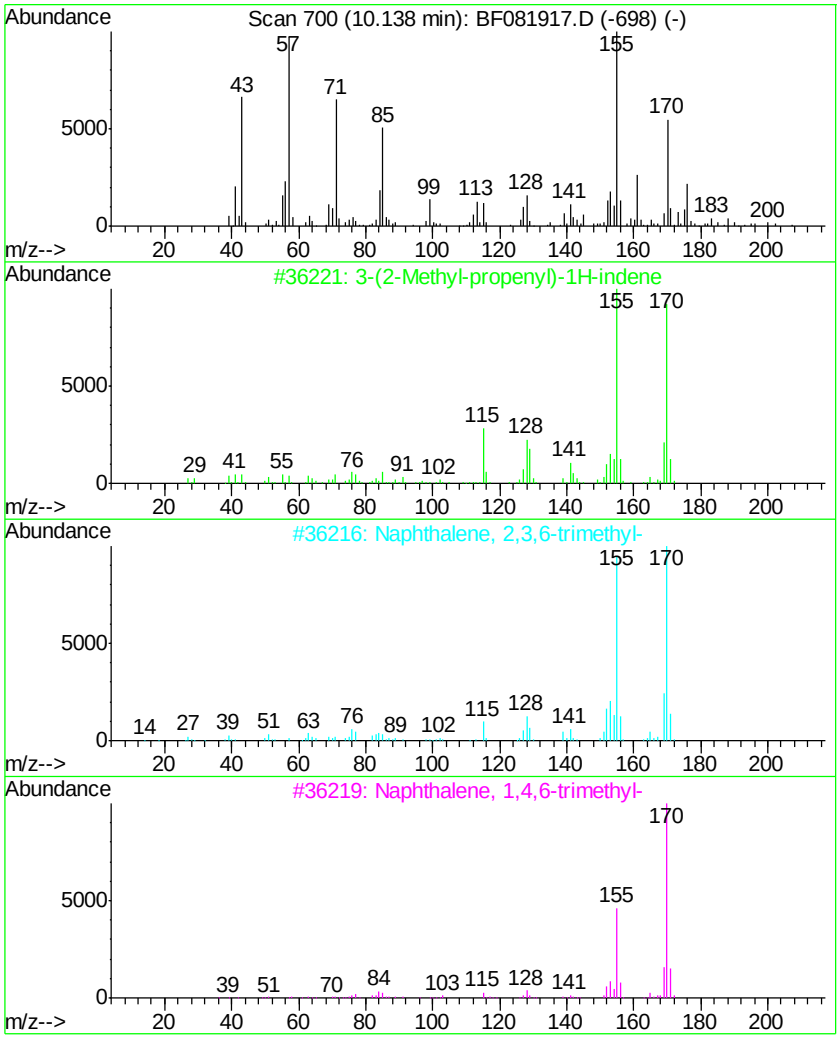
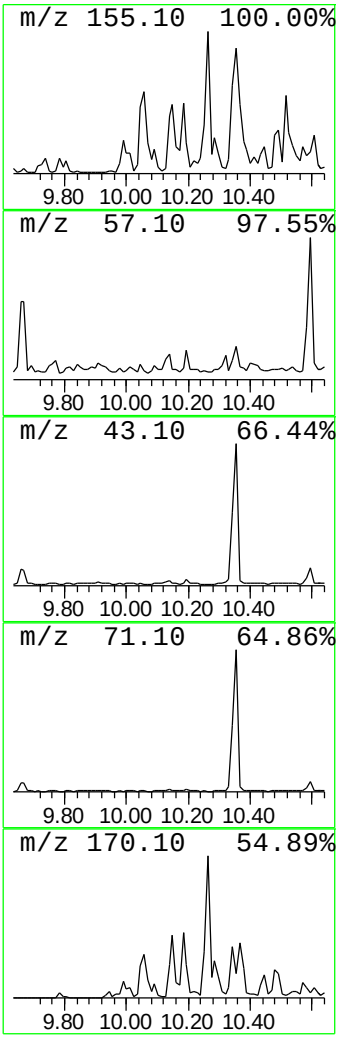
Peak Number 12 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	8.75 ng	376556	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	70
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	55





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ClientSampleId : SB-01(WEST)

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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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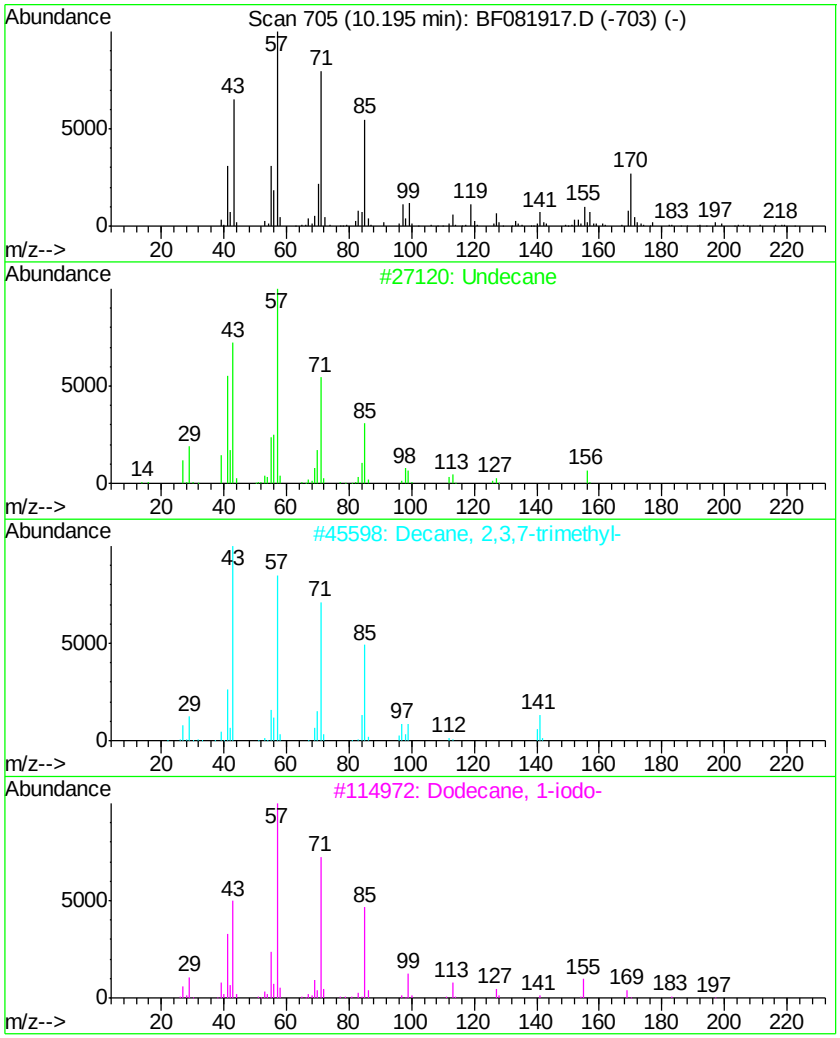
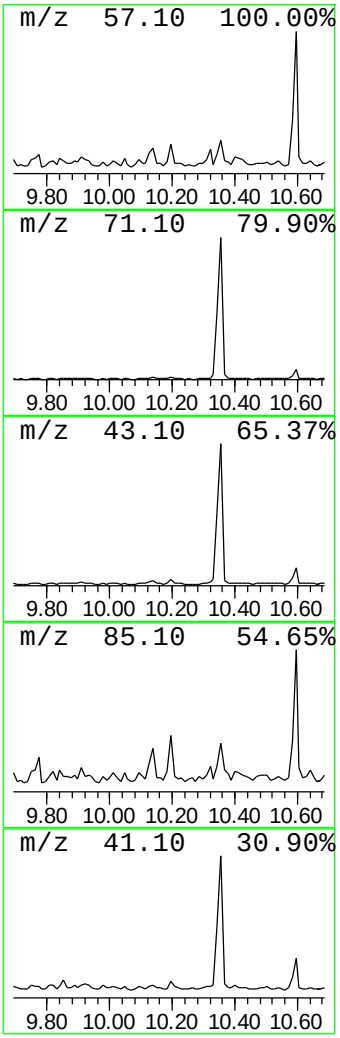
Peak Number 13 Undecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	10.83 ng	465837	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	68
2	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Tetracosane	338	C24H50	000646-31-1	59
5	Heptacosane	380	C27H56	000593-49-7	50





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Misc :
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ClientSampleId : SB-01(WEST)

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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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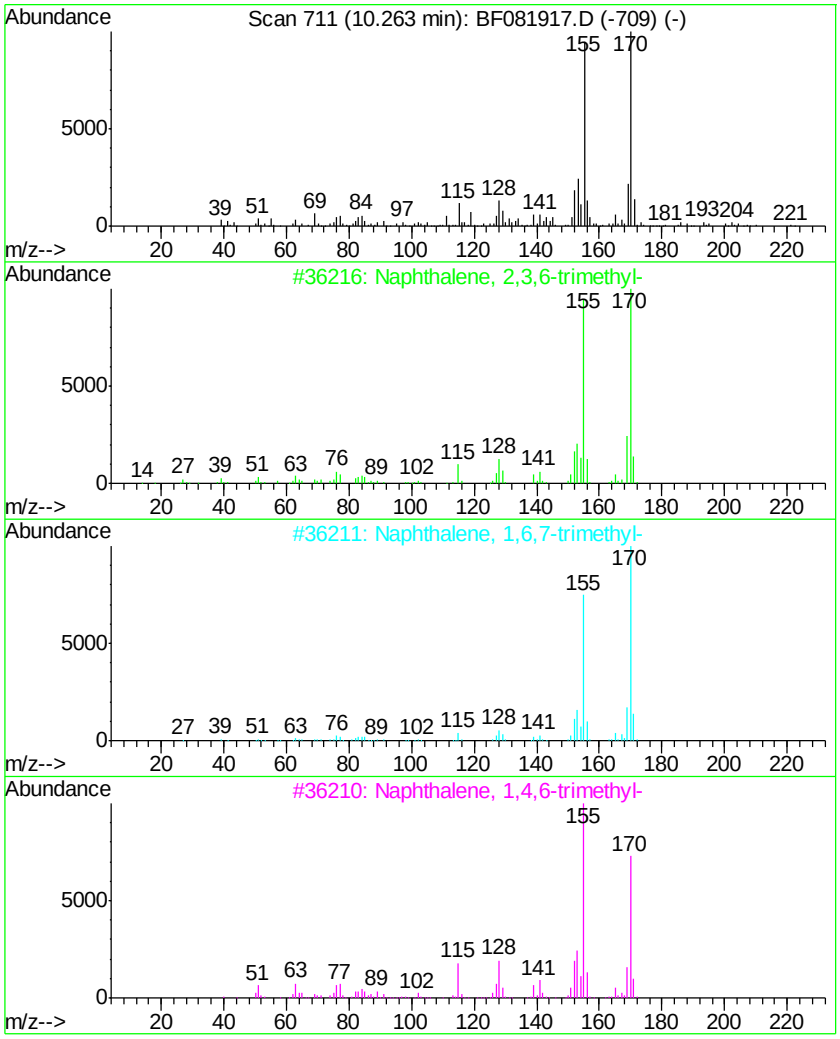
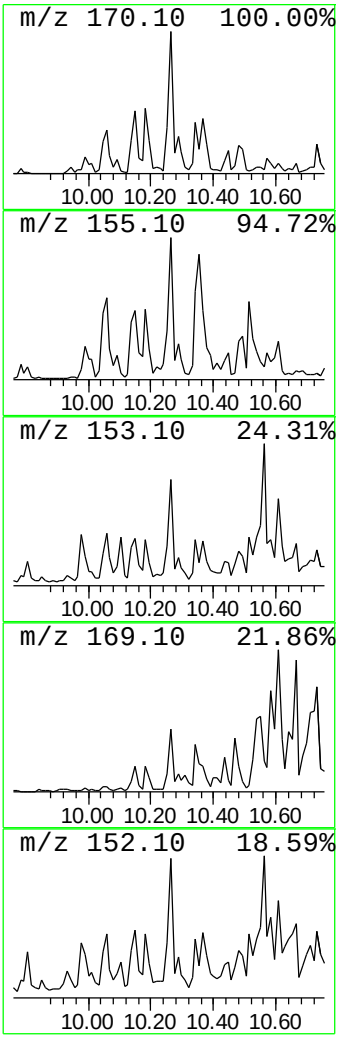
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	9.50 ng	408795	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93





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ClientSampleId : SB-01(WEST)

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TIC Integration Parameters: LSCINT.P

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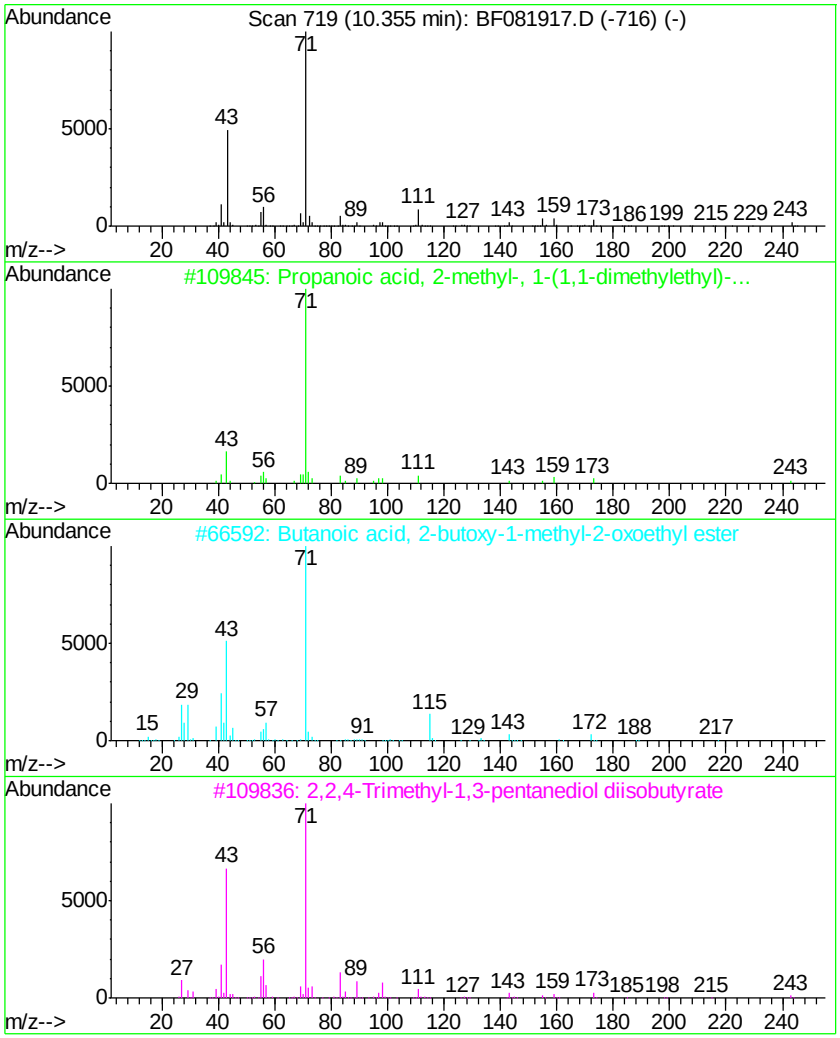
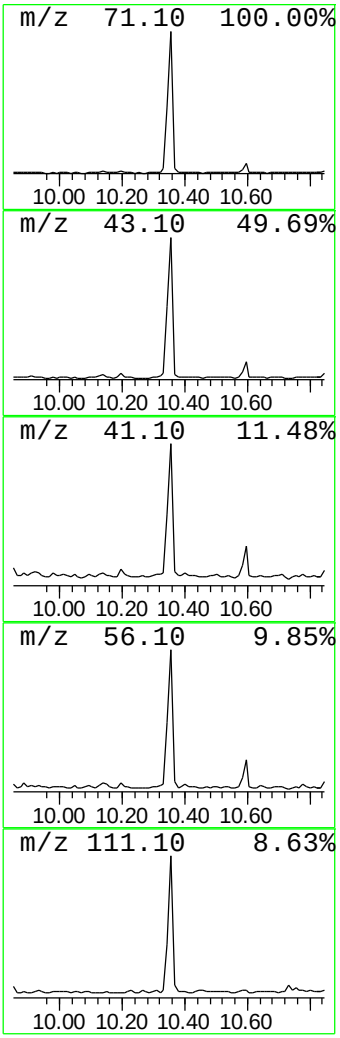
Peak Number 15 Propanoic acid, 2-methyl-, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	110.40 ng	4750320	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	78
2	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	50
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50
4	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	42
5	Boronic acid, ethyl-, bis(2,2-di...	214	C12H27BO2	067753-47-3	39





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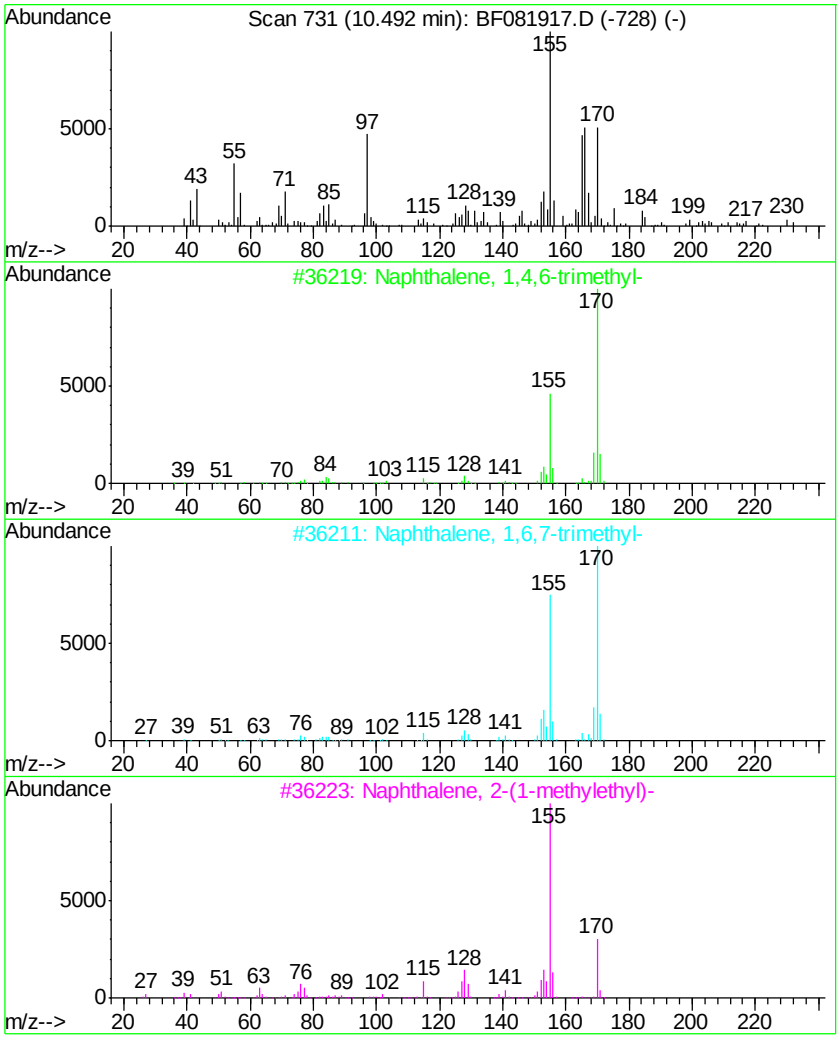
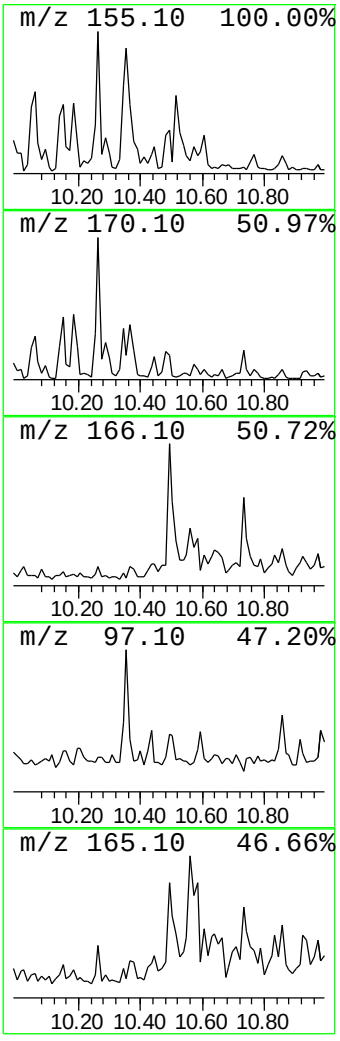
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	6.78 ng	291803	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	45
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	45
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	45
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	45
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	38





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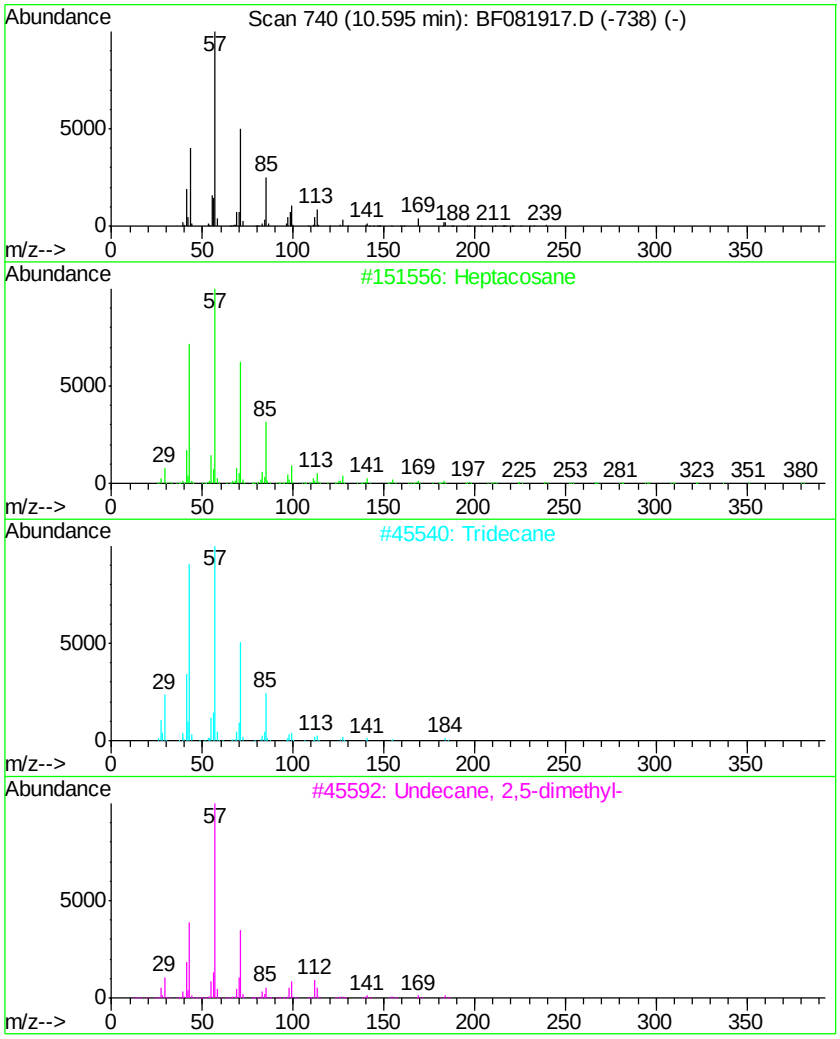
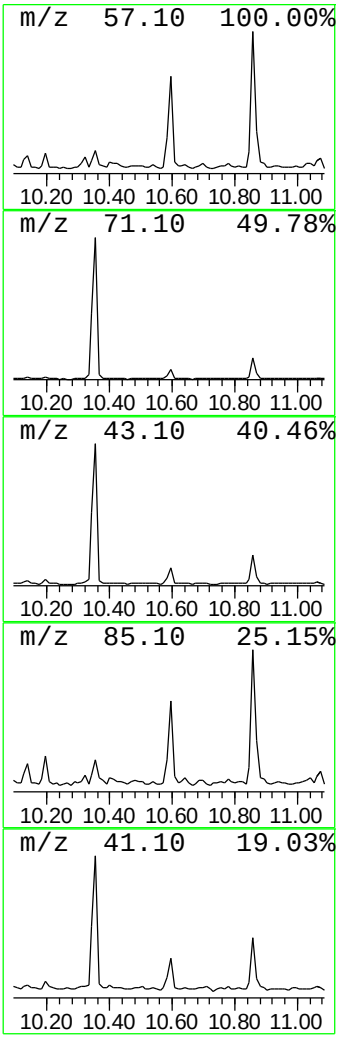
Peak Number 17 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	24.10 ng	1036970	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tridecane	184	C13H28	000629-50-5	80
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64





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ALS Vial : 8 Sample Multiplier: 1

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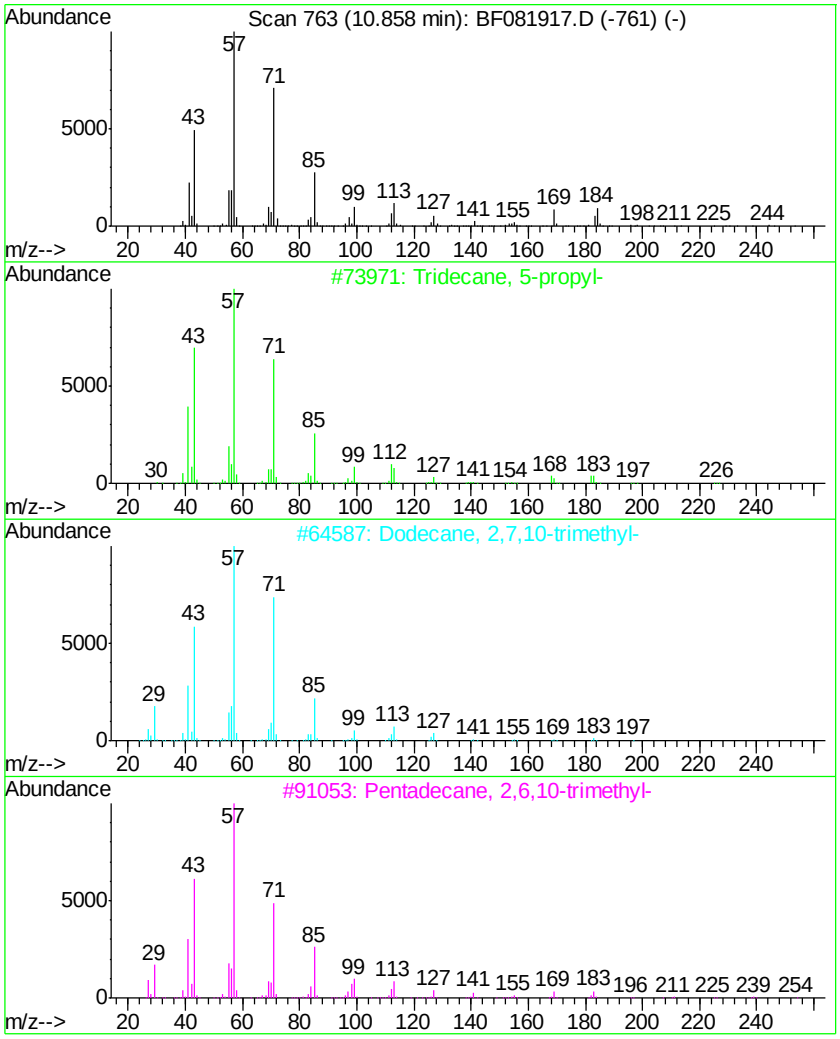
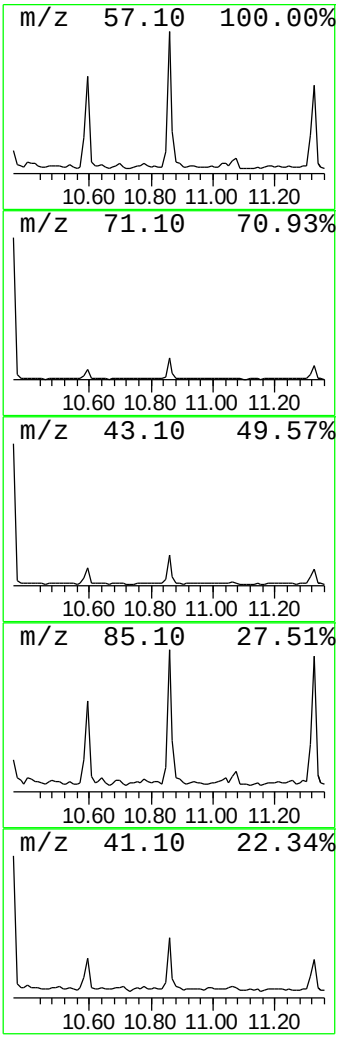
Peak Number 18 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	35.51 ng	1788380	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Data File : BF081917.D
Acq On : 30 Sep 2015 22:51
Operator : UM/IZ
Sample : G3868-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

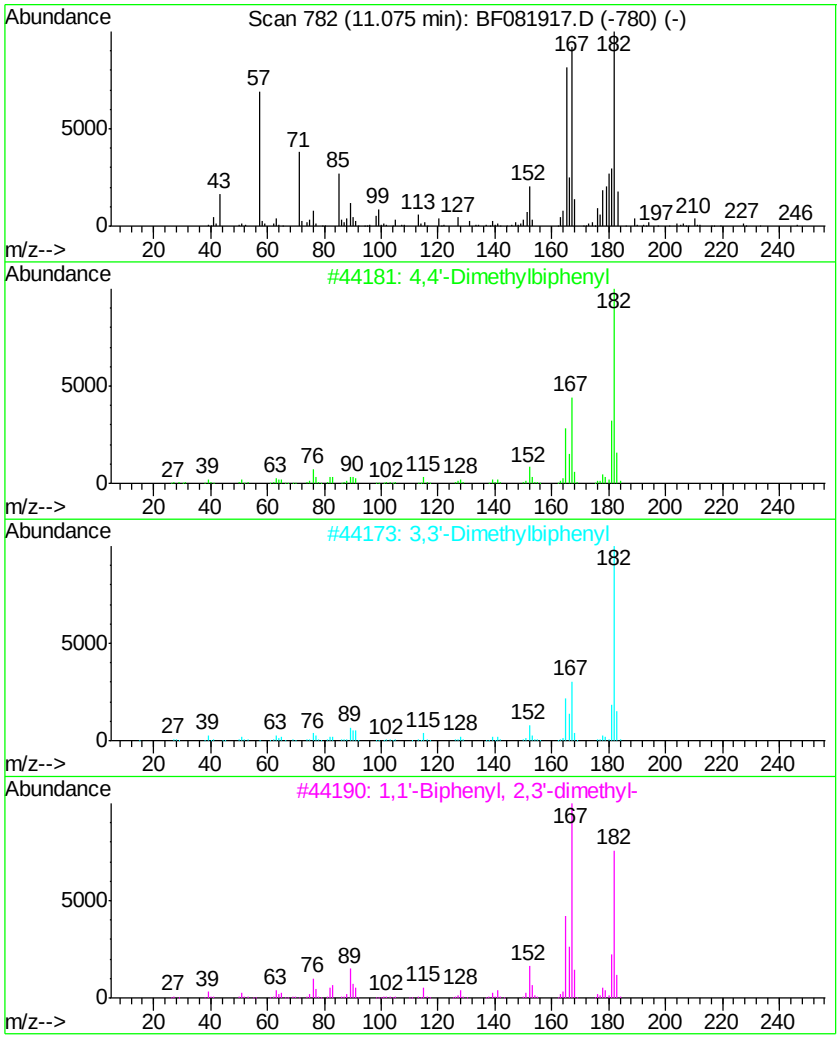
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

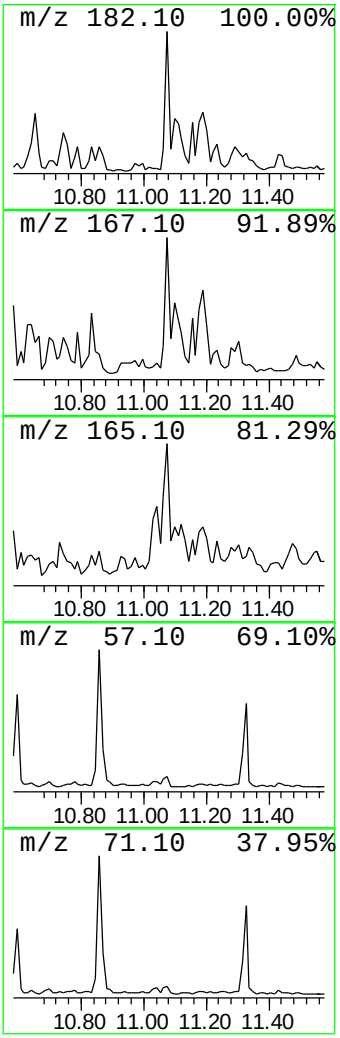
****

Peak Number 19 4,4'-Dimethylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	10.85 ng	546320	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	68
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	62
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	60
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081917.D
Acq On : 30 Sep 2015 22:51
Operator : UM/IZ
Sample : G3868-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

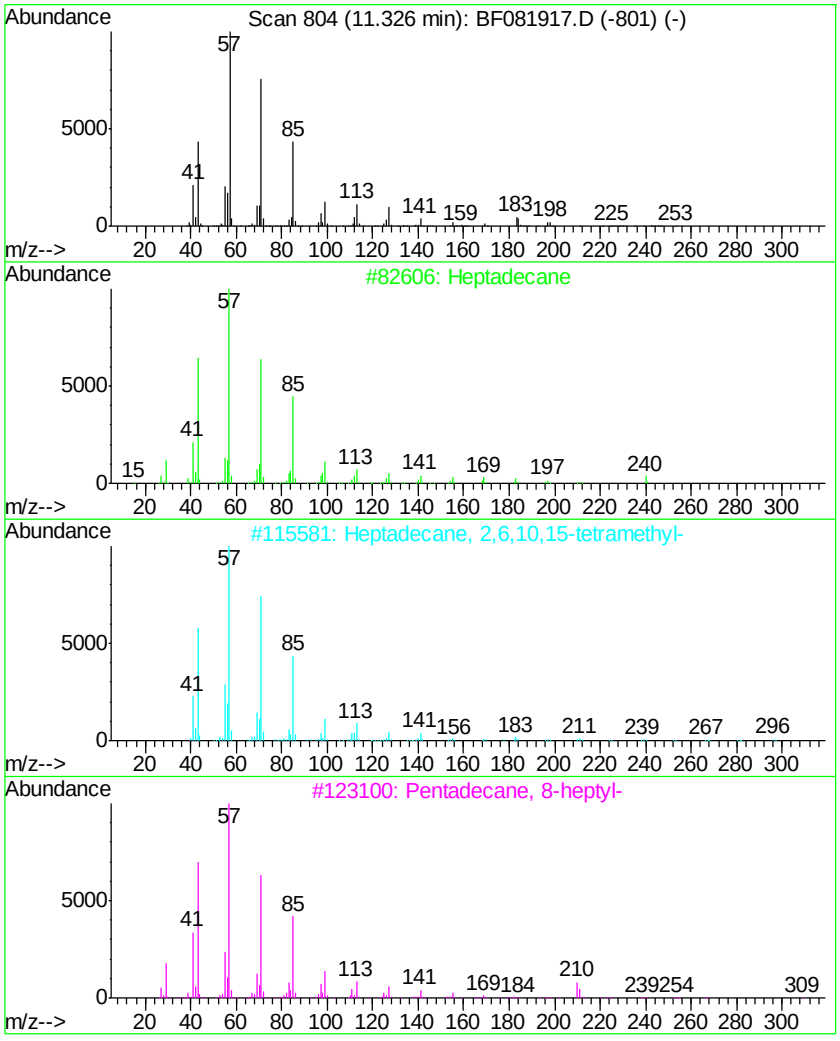
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

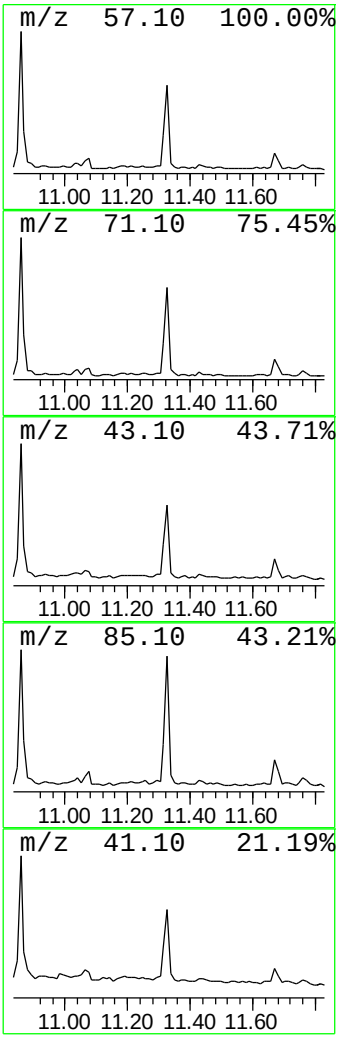
****

Peak Number 20 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	24.67 ng	1242560	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Hexadecane	226	C16H34	000544-76-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081917.D
Acq On : 30 Sep 2015 22:51
Operator : UM/IZ
Sample : G3868-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(WEST)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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-Propenoic acid,...	2.61	44.4	ng	1388360	1	6.90	625542	20.0
2-Pentanone, 4-hy...	5.09	28.7	ng	897366	1	6.90	625542	20.0
unknown6.67	6.67	56.0	ng	1752830	1	6.90	625542	20.0
Undecane, 2,6-dim...	8.25	12.1	ng	516714	2	8.19	857882	20.0
unknown8.48	8.48	9.5	ng	405631	2	8.19	857882	20.0
Octane, 2,3,6-tri...	8.61	19.9	ng	855157	2	8.19	857882	20.0
unknown8.97	8.97	7.5	ng	323989	2	8.19	857882	20.0
Dodecane, 2,7,10-...	9.21	18.5	ng	795239	3	9.94	860563	20.0
Dodecane, 3-methyl-	9.35	10.4	ng	448356	3	9.94	860563	20.0
Naphthalene, 1,6-...	9.74	7.6	ng	327125	3	9.94	860563	20.0
3-(2-Methyl-prope...	10.14	8.8	ng	376556	3	9.94	860563	20.0
Undecane	10.19	10.8	ng	465837	3	9.94	860563	20.0
Naphthalene, 2,3,...	10.26	9.5	ng	408795	3	9.94	860563	20.0
Propanoic acid, 2...	10.35	110.4	ng	4750320	3	9.94	860563	20.0
Naphthalene, 1,4,...	10.49	6.8	ng	291803	3	9.94	860563	20.0
Heptacosane	10.59	24.1	ng	1036970	3	9.94	860563	20.0
Tridecane, 5-propyl-	10.86	35.5	ng	1788380	4	11.43	1007350	20.0
4,4'-Dimethylbiph...	11.08	10.9	ng	546320	4	11.43	1007350	20.0
Heptadecane	11.33	24.7	ng	1242560	4	11.43	1007350	20.0