LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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	4.160	171	177	180	rBV	112222	178677	5.99%	0.230%
2	4.503	204	207	213	rVB	91167	146841	4.92%	0.189%
3	4.606	213	216	220	rBV	67895	110197	3.69%	0.142%
4	4.926	240	244	247	rVB	185082	241544	8.10%	0.311%
5	5.006	247	251	256	rBV3	222178	432820	14.51%	0.557%
6	5.097	256	259	262	rBV2	915274	1642069	55.06%	2.112%
7	5.291	273	276	278	rBV	282151	369118	12.38%	0.475%
8	5.371	281	283	286	rBV2	263300	367896	12.34%	0.473%
9	5.509	291	295	297	rBV2	2445627	2834084	95.02%	3.644%
10	5.657	306	308	310	rBV2	169726	276286	9.26%	0.355%
11	5.703	310	312	314	rVB	380232	312326	10.47%	0.402%
12	5.749	314	316	320	rVB2	199954	284739	9.55%	0.366%
13	5.920	327	331	332	rVB3	224398	445711	14.94%	0.573%
14	5.966	332	335	339	rBV2	229885	440246	14.76%	0.566%
15	6.046	339	342	345	rBV2	293762	538065	18.04%	0.692%
16	6.091	345	346	348	rBV	146303	150295	5.04%	0.193%
17	6.149	348	351	354	rBV2	771413	1160432	38.91%	1.492%
18	6.194	354	355	357	rVB	228483	192992	6.47%	0.248%
19	6.331	364	367	369	rBV	512682	726088	24.34%	0.934%
20	6.400	369	373	374	rVB2	603140	876094	29.37%	1.127%
21	6.423	374	375	379	rBV3	396055	862125	28.91%	1.109%
22	6.492	379	381	382	rBV	322654	345929	11.60%	0.445%
23	6.537	382	385	387	rBV	2181217	2465332	82.66%	3.170%
24	6.572	387	388	392	rVB3	193361	307538	10.31%	0.395%
25	6.640	392	394	395	rBV	423492	572004	19.18%	0.736%
26	6.674	395	397	401	rVB	2735844	2915148	97.74%	3.749%
27	6.754	401	404	406	rVB3	162617	309404	10.37%	0.398%
28	6.869	408	414	416	rBV6	220099	863350	28.95%	1.110%
29	6.914	416	418	420	rVB2	1255422	1331686	44.65%	1.712%
30	6.960	420	422	423	rBV	295313	312582	10.48%	0.402%
31	6.994	423	425	426	rBV2	83261	140839	4.72%	0.181%
32	7.017	426	427	428	rVB	314471	215727	7.23%	0.277%
33	7.063	428	431	434	rVB2	2310560	2982518	100.00%	3.835%
34	7.132	436	437	438	rBV	243157	187883	6.30%	0.242%

LSC Area Percent Report

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Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

35	7.177	438	441	442	rBV2	698267	839309	28.14%	1.079%
36	7.212	442	444	446	rBV2	394052	373137	12.51%	0.480%
37	7.246	446	447	449	rVB	370888	336422	11.28%	0.433%
38	7.292	449	451	453	rBV2	718870	931070	31.22%	1.197%
39	7.326	453	454	457	rVB3	137701	185911	6.23%	0.239%
40	7.372	457	458	460	rBV2	199157	221489	7.43%	0.285%
41	7.440	460	464	465	rBV2	920139	1252918	42.01%	1.611%
42	7.474	465	467	471	rVB	1748320	2167820	72.68%	2.788%
43	7.554	471	474	475	rBV2	665766	932776	31.27%	1.200%
44	7.612	475	479	481	rBV2	472137	891719	29.90%	1.147%
45	7.657	481	483	484	rBV2	216193	253157	8.49%	0.326%
46	7.680	484	485	486	rBV	472994	550873	18.47%	0.708%
47	7.806	493	496	497	rBV3	708510	1110552	37.24%	1.428%
48	7.829	497	498	500	rVV2	611812	739771	24.80%	0.951%
49	7.874	500	502	503	rVV	781481	1119341	37.53%	1.439%
50	7.909	503	505	506	rVV	502323	721680	24.20%	0.928%
51	7.932	506	507	510	rVV4	804738	1361653	45.65%	1.751%
52	8.012	512	514	517	rVV2	428617	653644	21.92%	0.841%
53	8.057	517	518	520	rVV2	325437	411830	13.81%	0.530%
54	8.137	522	525	527	rVV3	565707	1214309	40.71%	1.562%
55	8.195	527	530	533	rVV3	1127007	2694322	90.34%	3.465%
56	8.252	533	535	536	rVV	1843645	2007789	67.32%	2.582%
57	8.275	536	537	541	rVV3	517873	967910	32.45%	1.245%
58	8.389	541	547	551	rVV9	353174	1299918	43.58%	1.672%
59	8.480	551	555	558	rVV4	936770	1889202	63.34%	2.429%
60	8.537	558	560	561	rVV	404806	550760	18.47%	0.708%
61	8.572	561	563	565	rVV2	373323	635666	21.31%	0.817%
62	8.606	565	566	573	rVV	1209237	2373405	79.58%	3.052%
63	8.697	573	574	575	rVV	244012	226694	7.60%	0.292%
64	8.732	575	577	580	rVV4	300640	751665	25.20%	0.967%
65	8.777	580	581	583	rVV2	312329	561282	18.82%	0.722%
66	8.835	583	586	588	rVV4	351733	1024996	34.37%	1.318%
67	8.880	588	590	591	rVV2	539380	723871	24.27%	0.931%
68	8.937	594	595	596	rVV	202342	169194	5.67%	0.218%
69	8.972	596	598	599	rVV2	212104	361067	12.11%	0.464%
70	9.006	599	601	603	rVV	476849	655986	21.99%	0.844%
71	9.040	603	604	605	rVV	157620	130465	4.37%	0.168%

LSC Area Percent Report

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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

72	9.063	605	606	607	rVV	209299	272330	9.13%	0.350%
73	9.097	607	609	611	rVV2	541739	715920	24.00%	0.921%
74	9.143	611	613	615	rVV3	123119	270839	9.08%	0.348%
75	9.212	616	619	621	rVV	1245790	1386607	46.49%	1.783%
76	9.269	622	624	626	rVV	2716262	2689134	90.16%	3.458%
77	9.349	628	631	632	rVV	402143	633050	21.23%	0.814%
78	9.383	632	634	636	rVV2	265786	558394	18.72%	0.718%
79	9.463	639	641	643	rVV3	112142	148199	4.97%	0.191%
80	9.532	646	647	650	rBV3	179187	255639	8.57%	0.329%
81	9.612	652	654	656	rVB3	174890	346671	11.62%	0.446%
82	9.669	656	659	660	rBV	1287124	1731140	58.04%	2.226%
83	9.806	670	671	673	rVV2	213924	306789	10.29%	0.395%
84	9.852	673	675	677	rVV3	256544	420164	14.09%	0.540%
85	9.943	681	683	685	rVV	728811	1139390	38.20%	1.465%
86	9.978	685	686	688	rVV2	138784	221492	7.43%	0.285%
87	10.046	691	692	695	rVV2	107293	165781	5.56%	0.213%
88	10.103	695	697	698	rVV2	134576	216897	7.27%	0.279%
89	10.138	698	700	703	rVV3	138127	325130	10.90%	0.418%
90	10.195	703	705	709	rVB3	202952	373282	12.52%	0.480%
91	10.355	717	719	722	rBV2	63931	147832	4.96%	0.190%
92	10.480	729	730	737	rVB4	43262	124582	4.18%	0.160%
93	10.595	737	740	743	rVB	155097	226455	7.59%	0.291%
94	10.732	750	752	755	rVB2	1136967	1426275	47.82%	1.834%
95	10.858	760	763	767	rVB	163276	238425	7.99%	0.307%
96	11.429	811	813	816	rBV	529040	692606	23.22%	0.891%
97	13.018	950	952	955	rBV	1973365	2215858	74.29%	2.849%
98	13.909	1028	1030	1039	rBV	107164	173448	5.82%	0.223%
99	14.069	1042	1044	1052	rVB	614086	742512	24.90%	0.955%
100	15.532	1169	1172	1186	rBV	486222	766653	25.70%	0.986%

Sum of corrected areas: 77763652

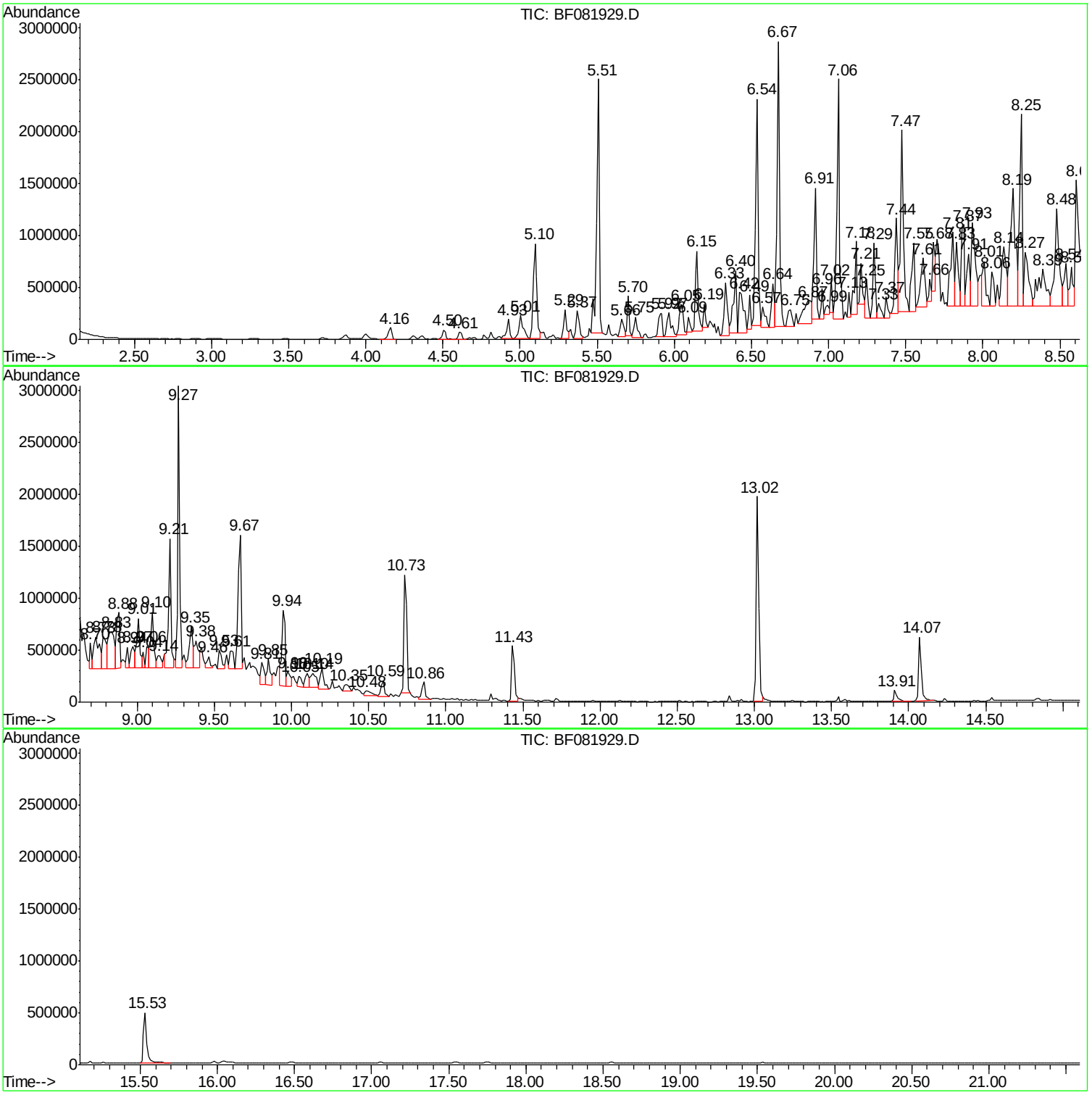
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

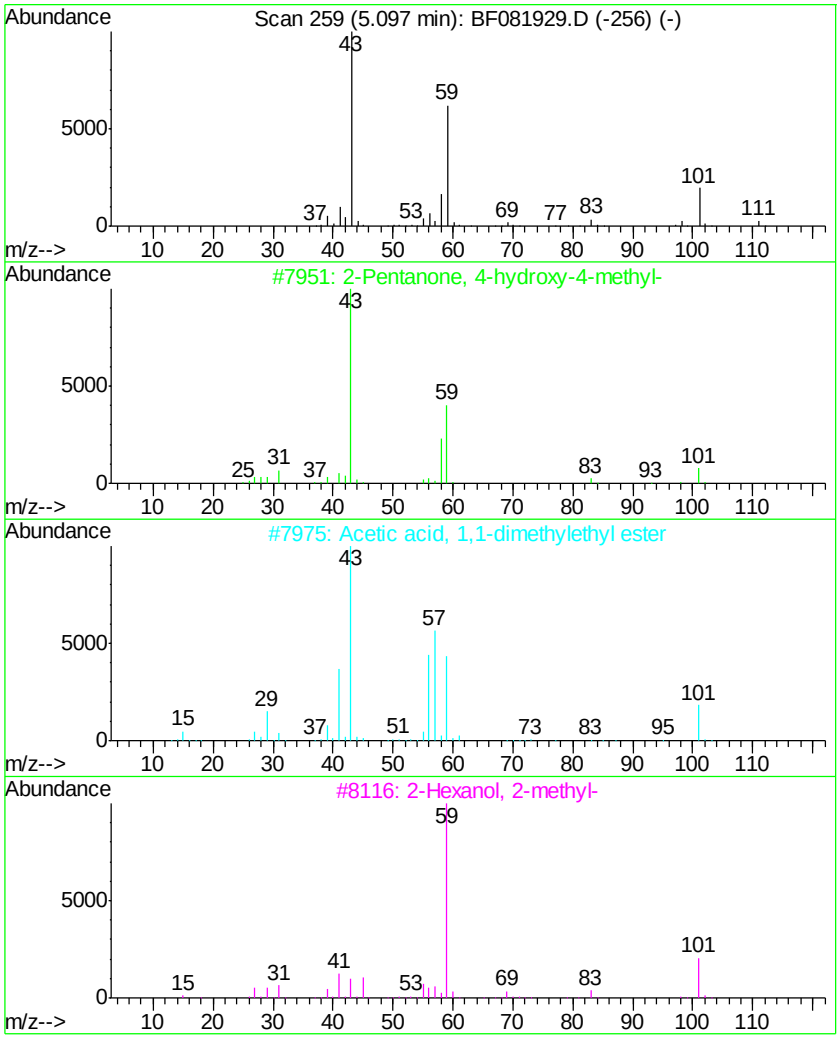
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

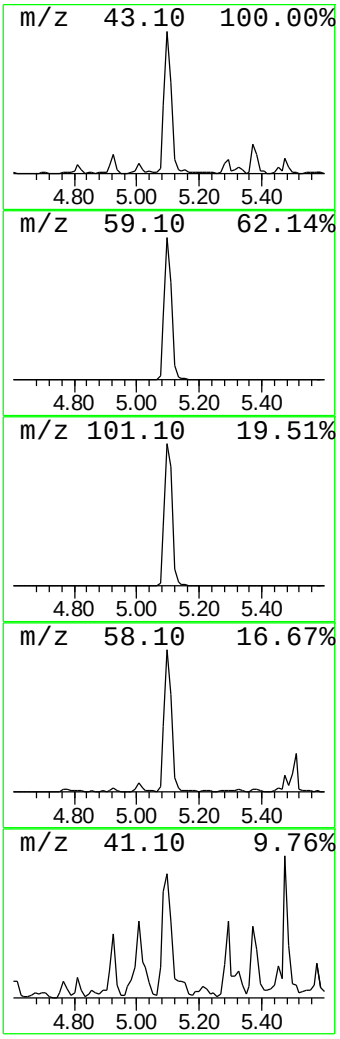
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	24.66 ng	1642070	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

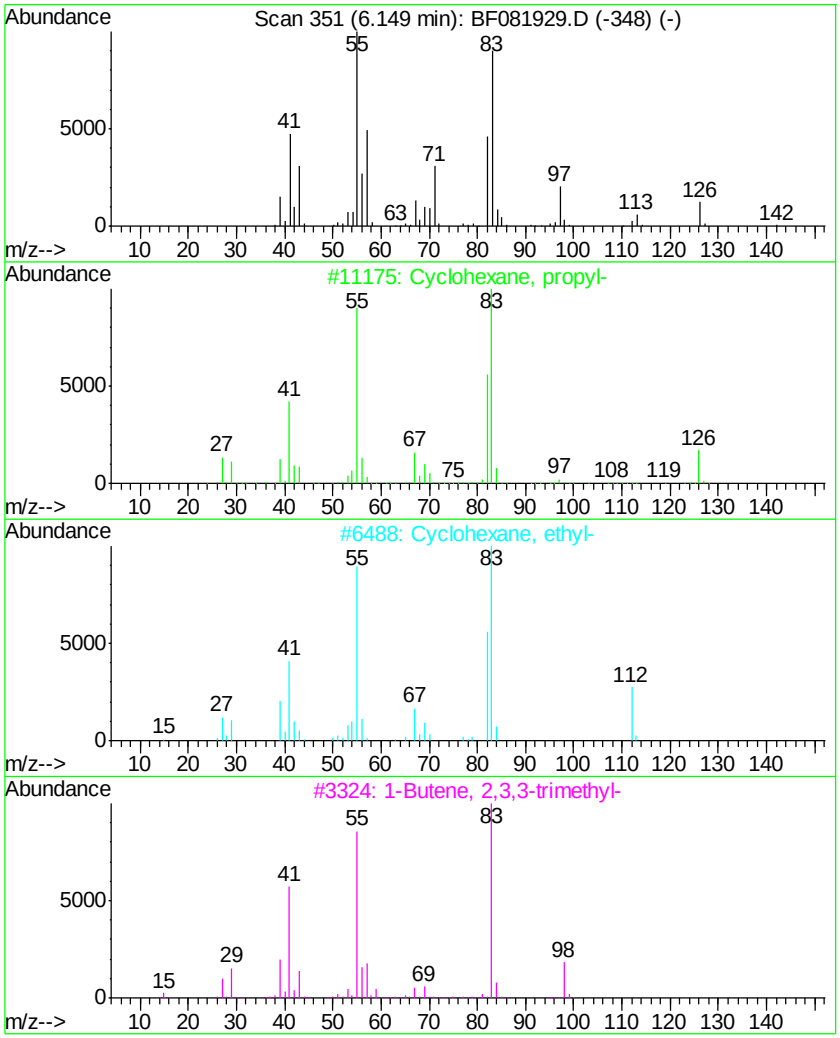
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

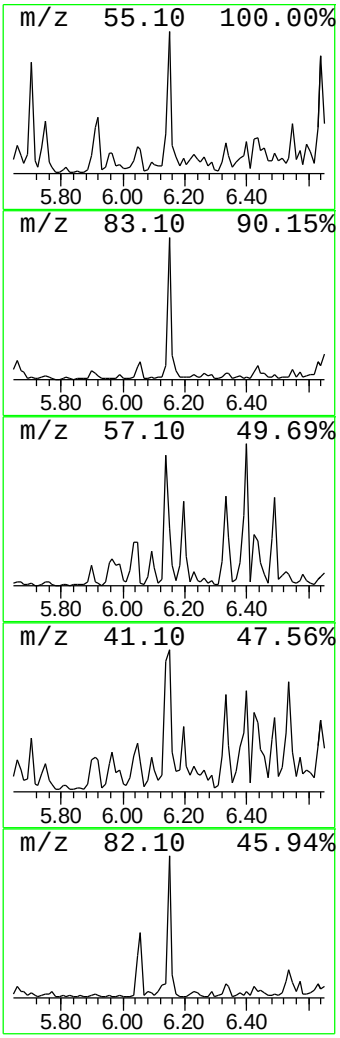
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	17.43 ng	1160430	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	46
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	46
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	43





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Operator : UM/IZ
Sample : G3846-08
Misc :
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Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

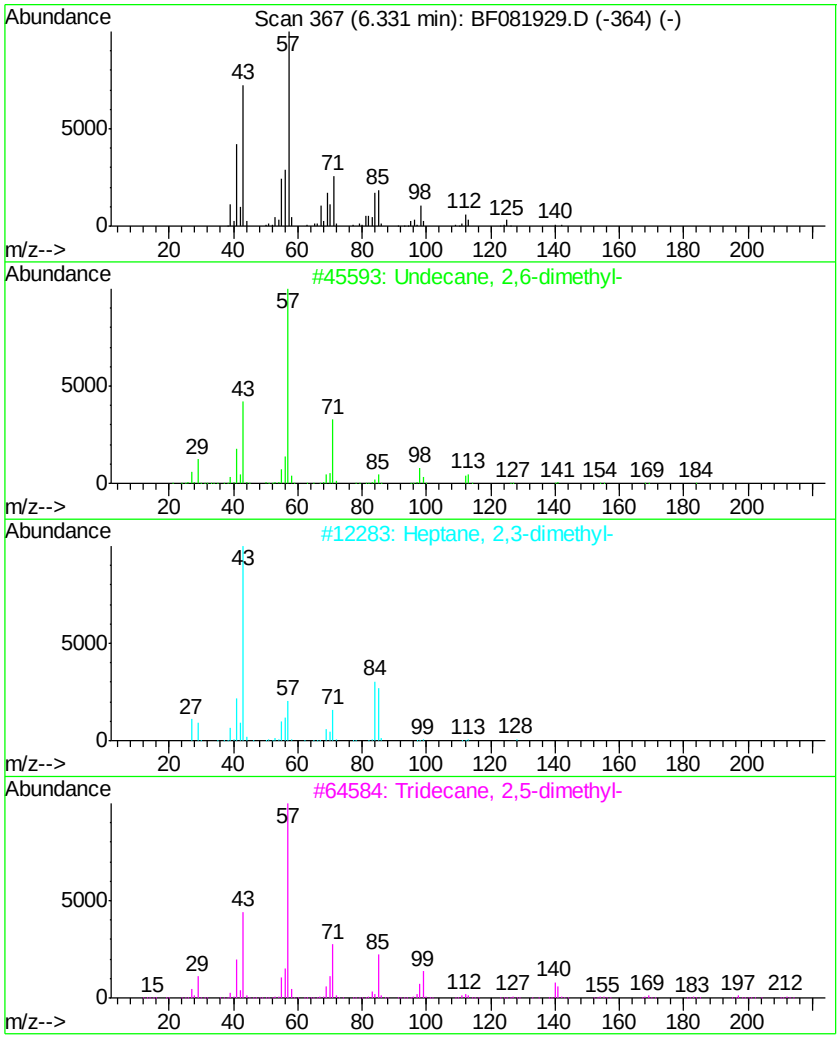
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

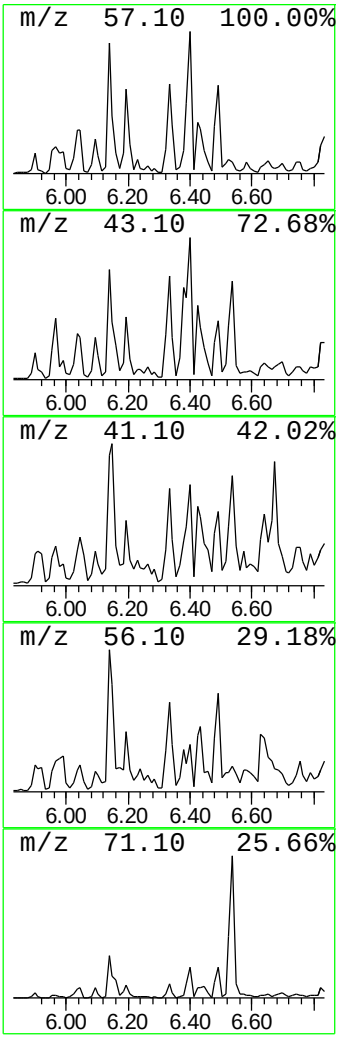
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	10.90 ng	726088	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
3	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	52
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

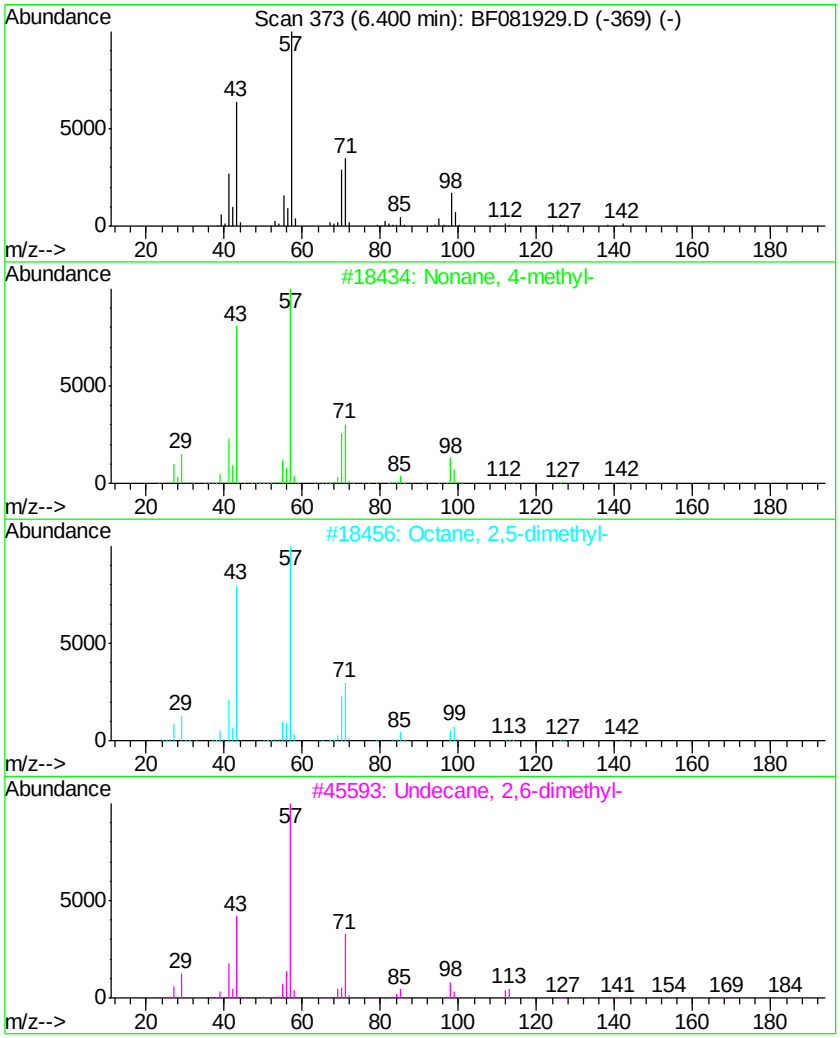
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

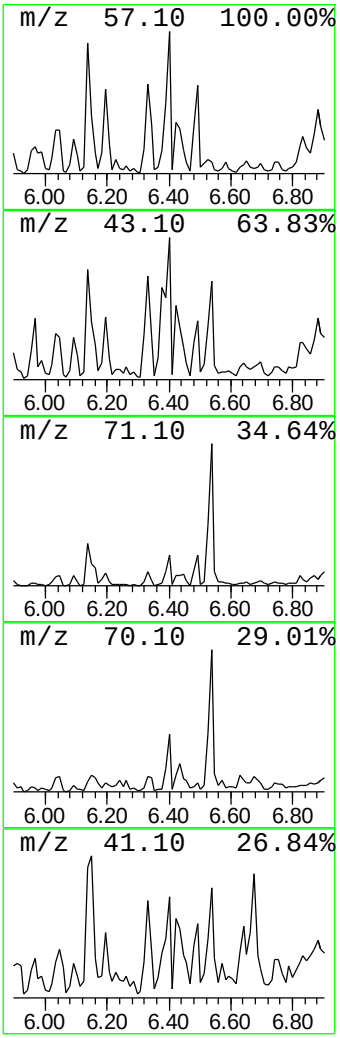
****

Peak Number 4 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	13.16 ng	876094	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	68
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

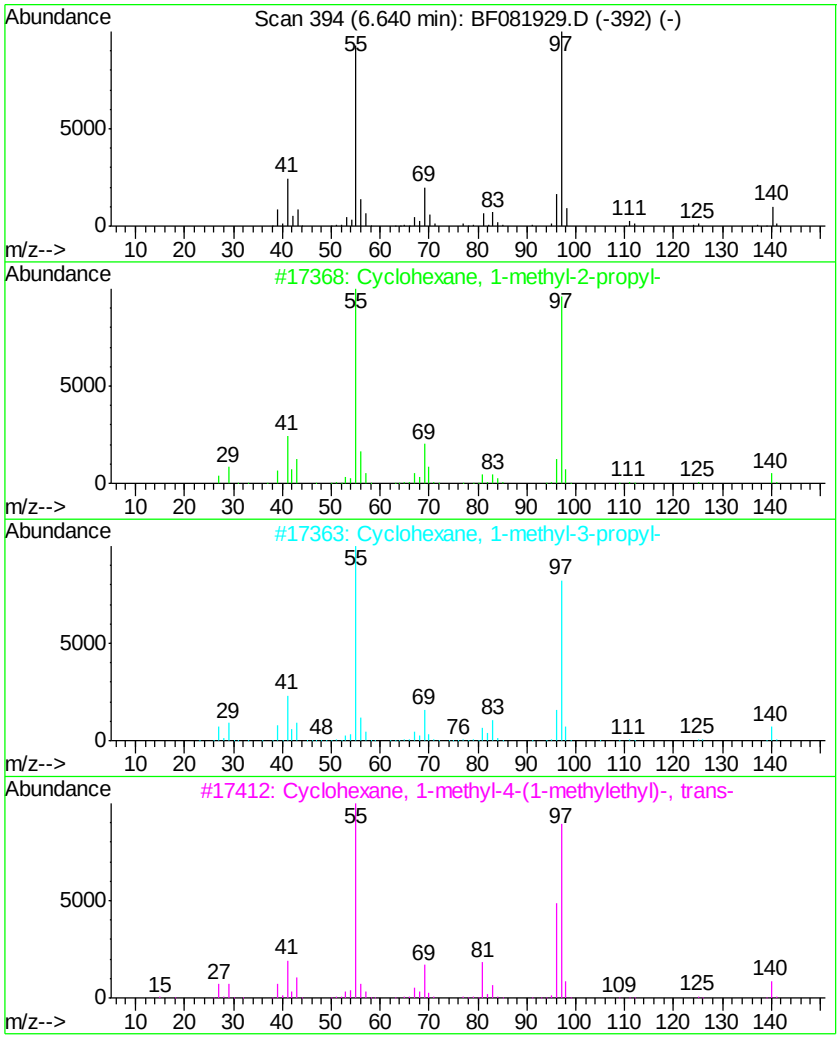
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

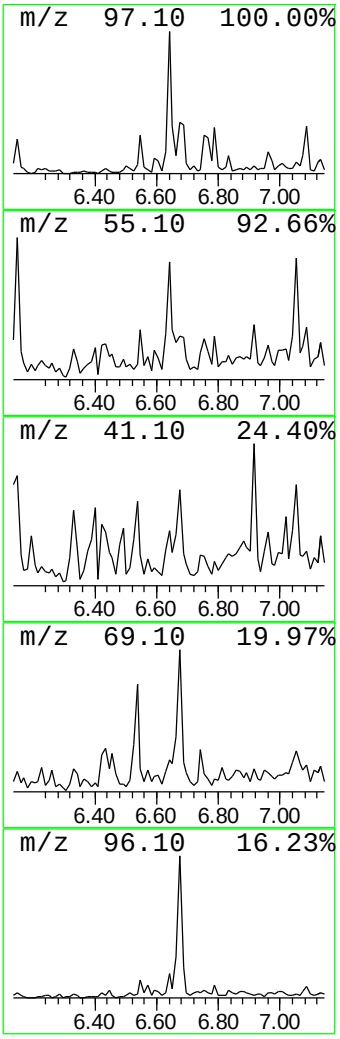
****

Peak Number 6 Cyclohexane, 1-methyl-2-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	8.59 ng	572004	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	93
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

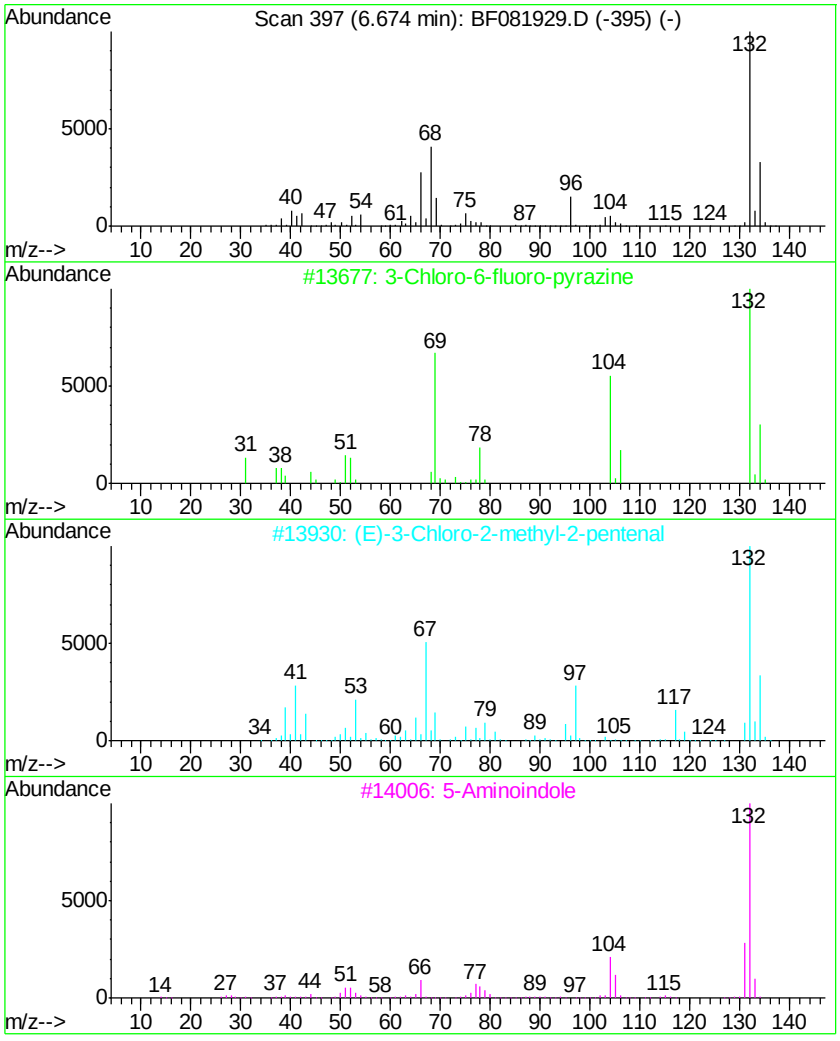
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

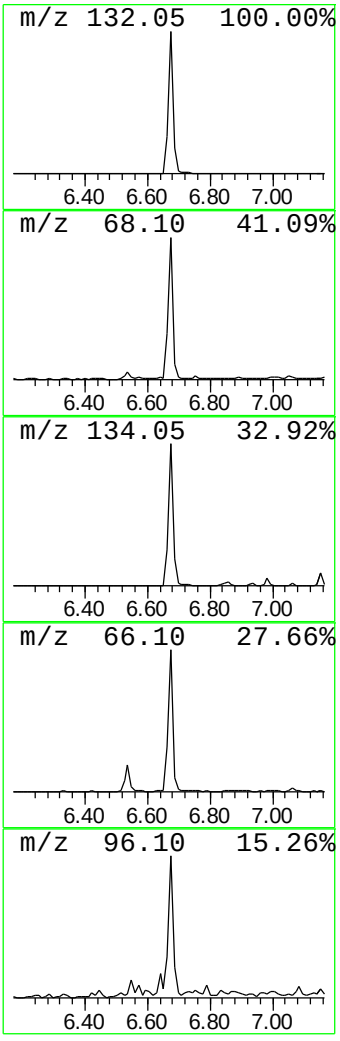
****

Peak Number 7 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	43.78 ng	2915150	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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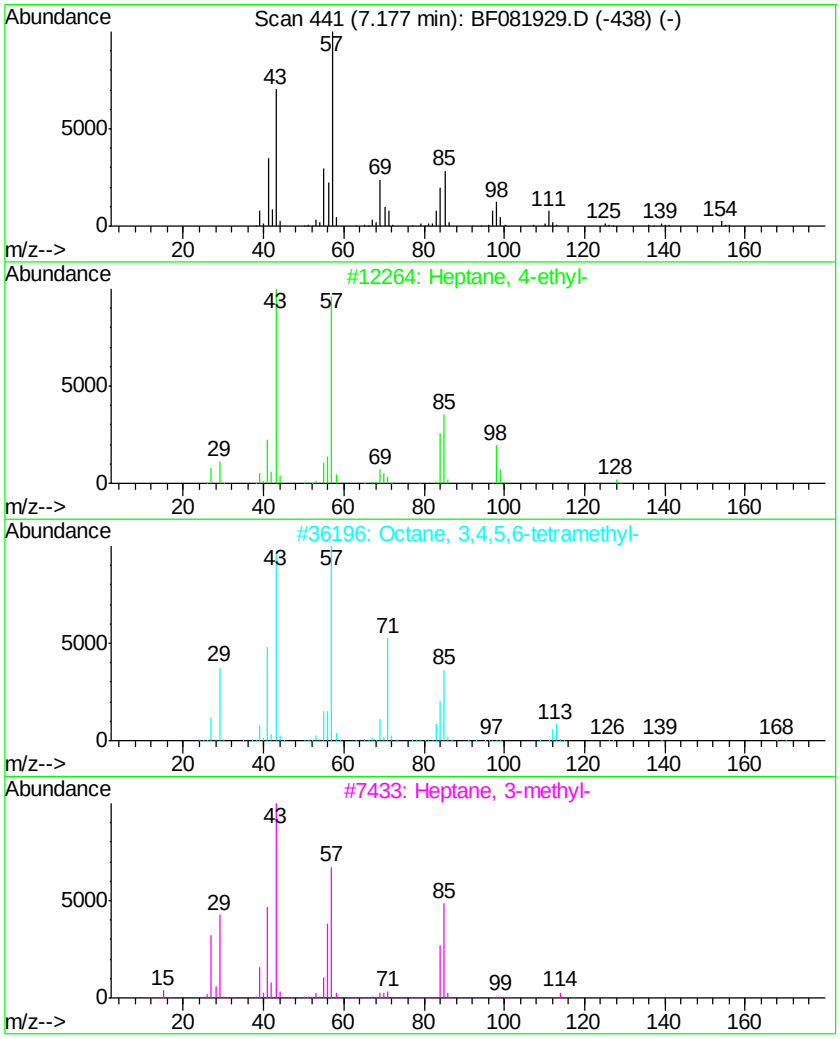
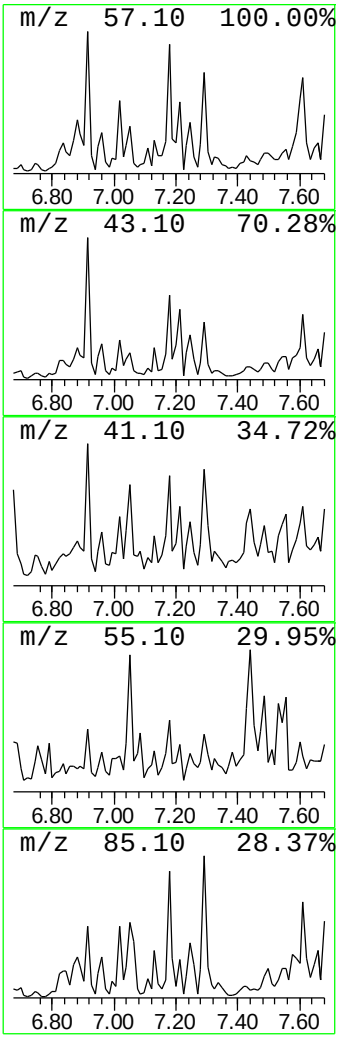
Peak Number 9 Heptane, 4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	12.61 ng	839309	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	47
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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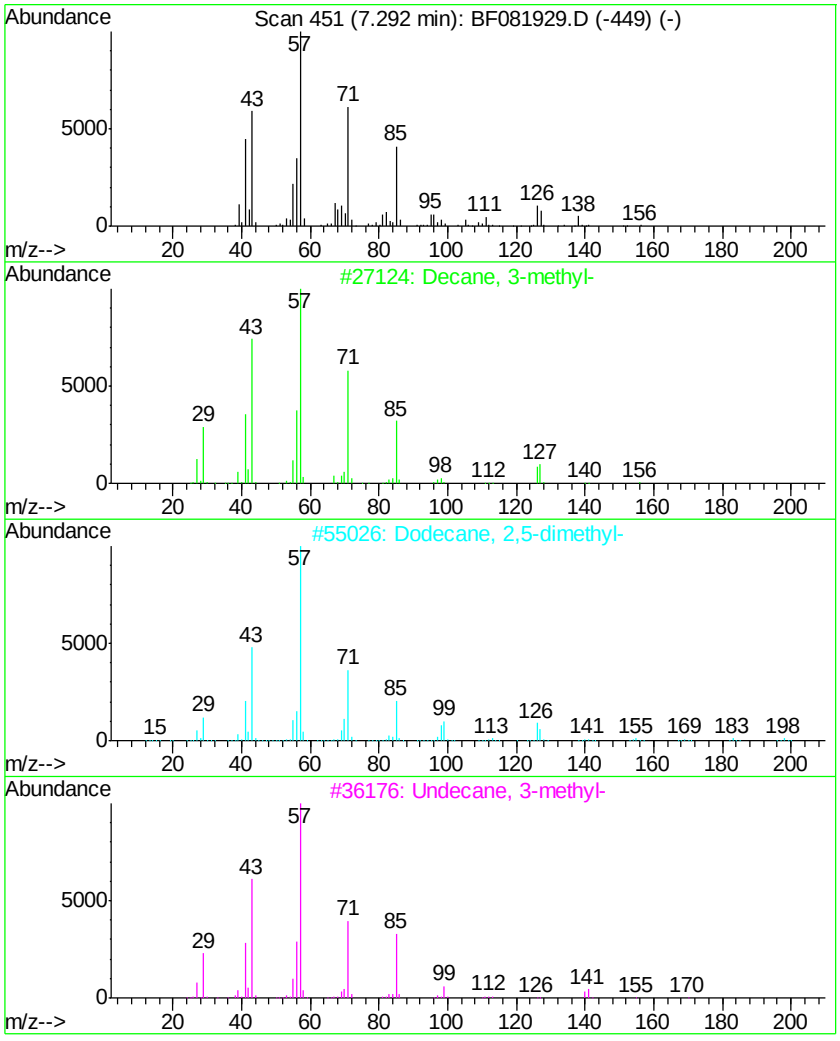
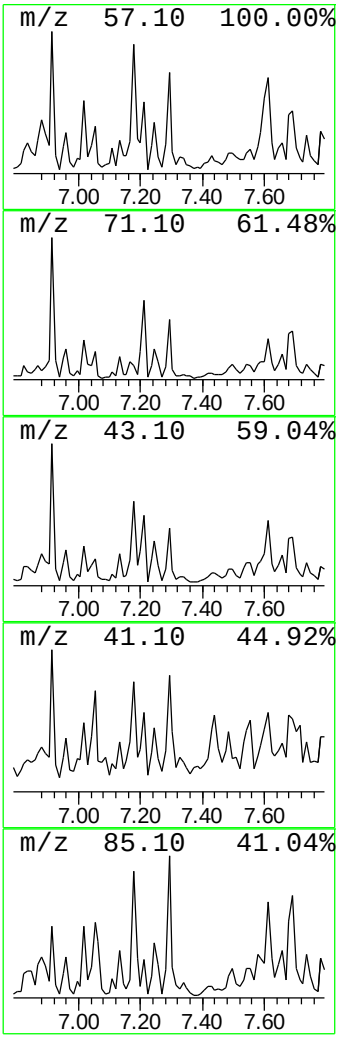
Peak Number 10 Decane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	13.98 ng	931070	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





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Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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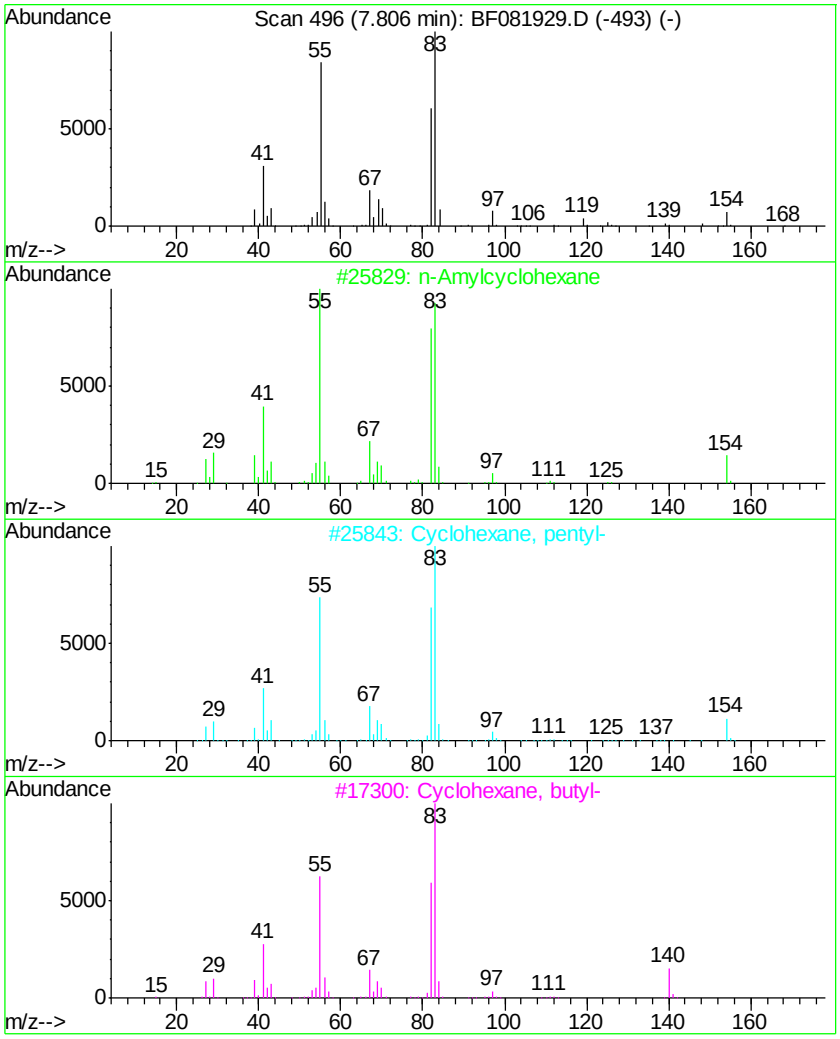
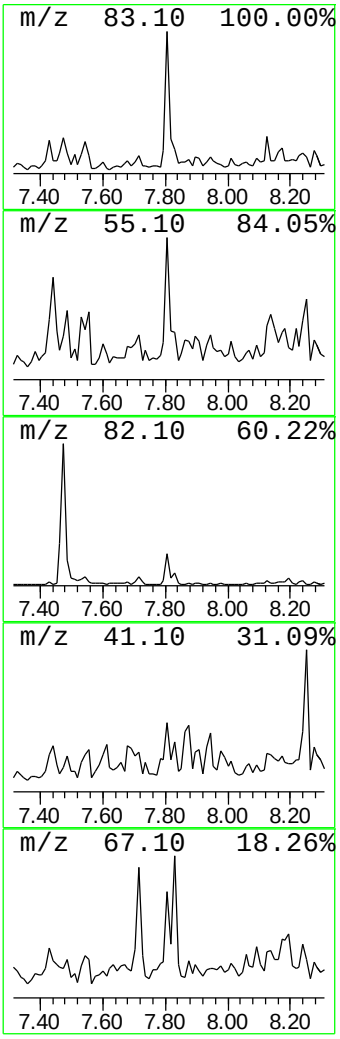
Peak Number 11 n-Amylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	8.24 ng	1110550	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Amylcyclohexane	154	C11H22	029949-27-7	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	64





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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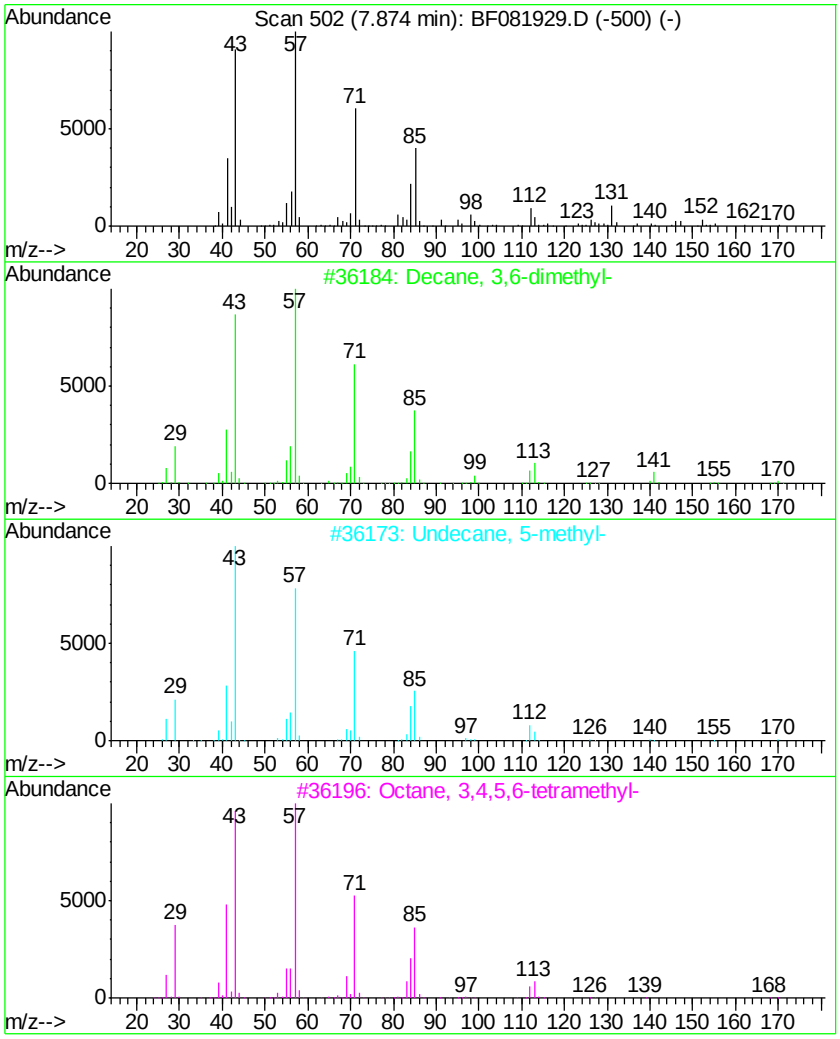
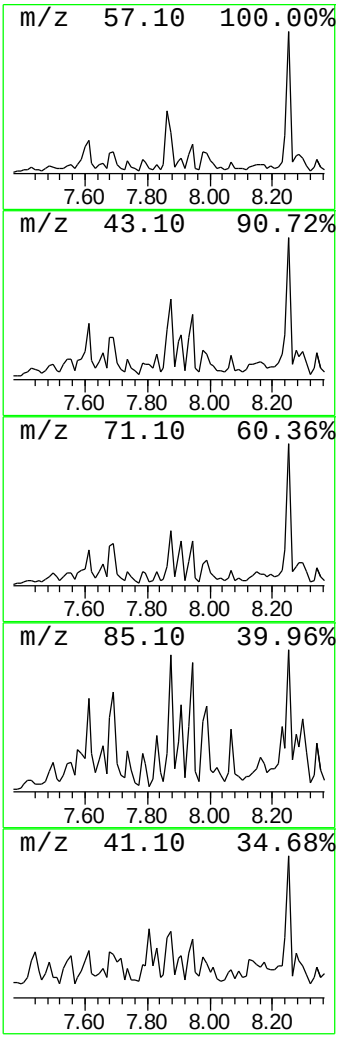
Peak Number 12 Decane, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	8.31 ng	1119340	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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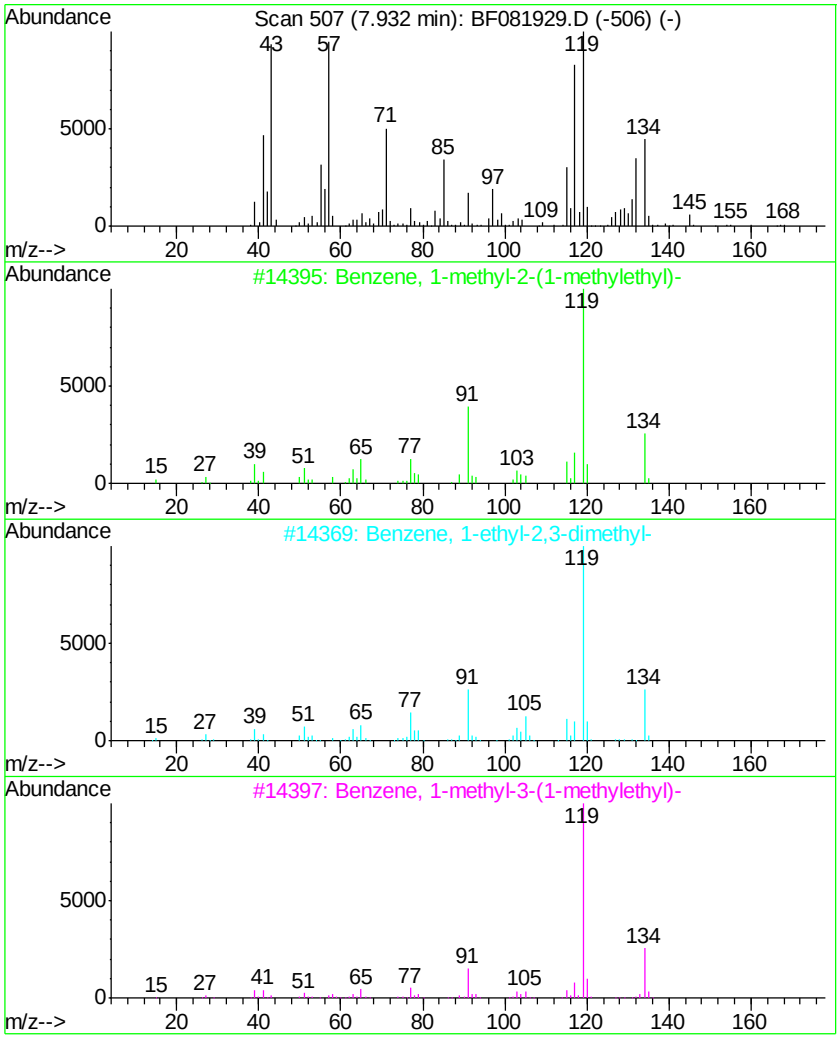
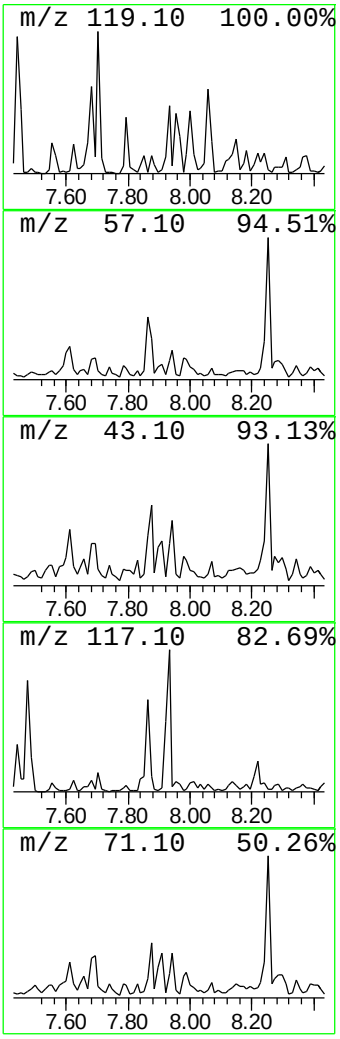
Peak Number 13 unknown7.93 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	10.11 ng	1361650	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	41
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	38





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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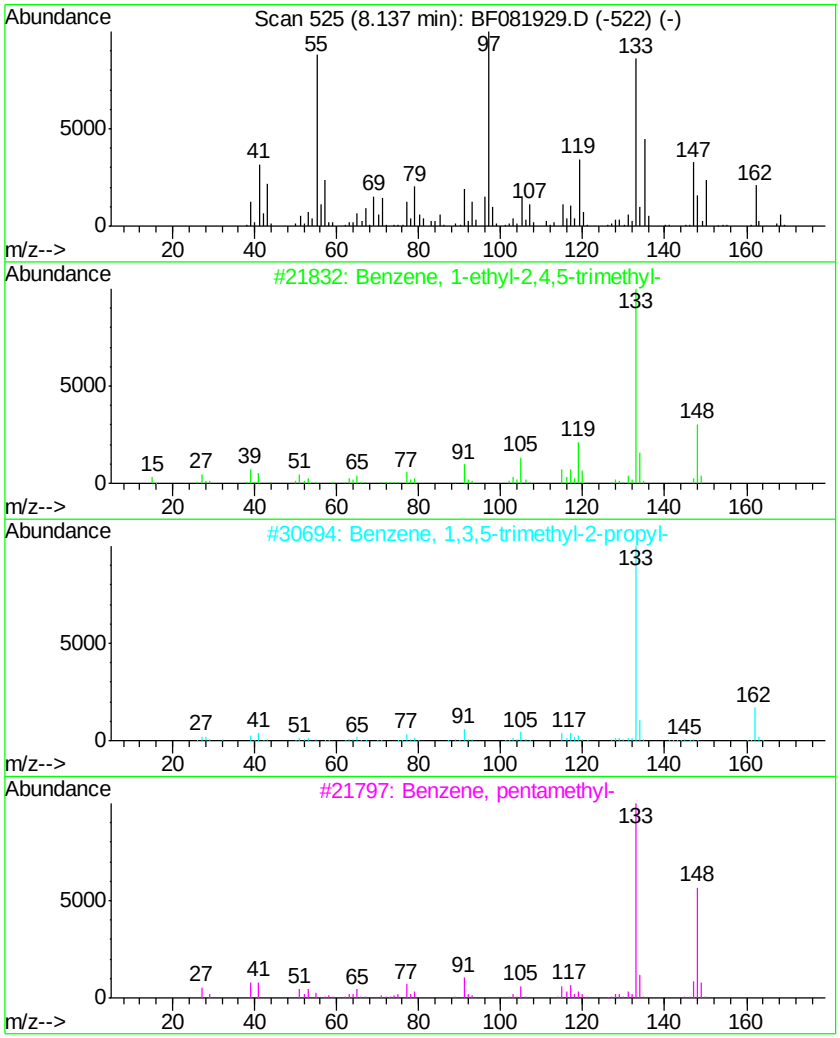
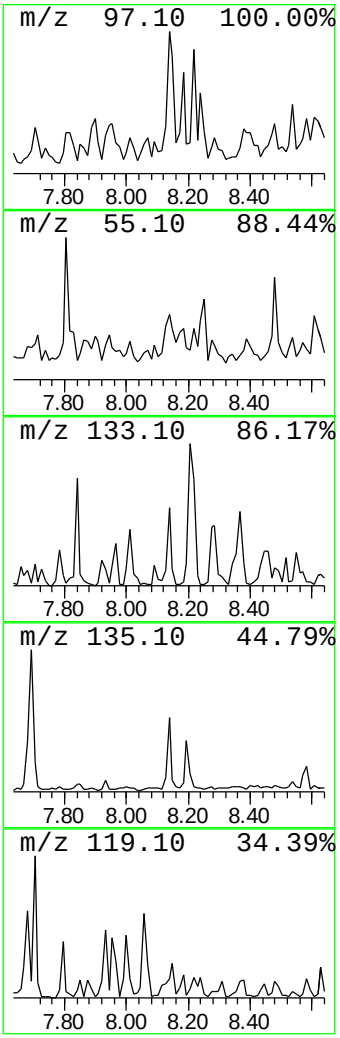
Peak Number 14 unknown8.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	9.01 ng	1214310	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	42
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	42
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	38
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
5	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	25





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Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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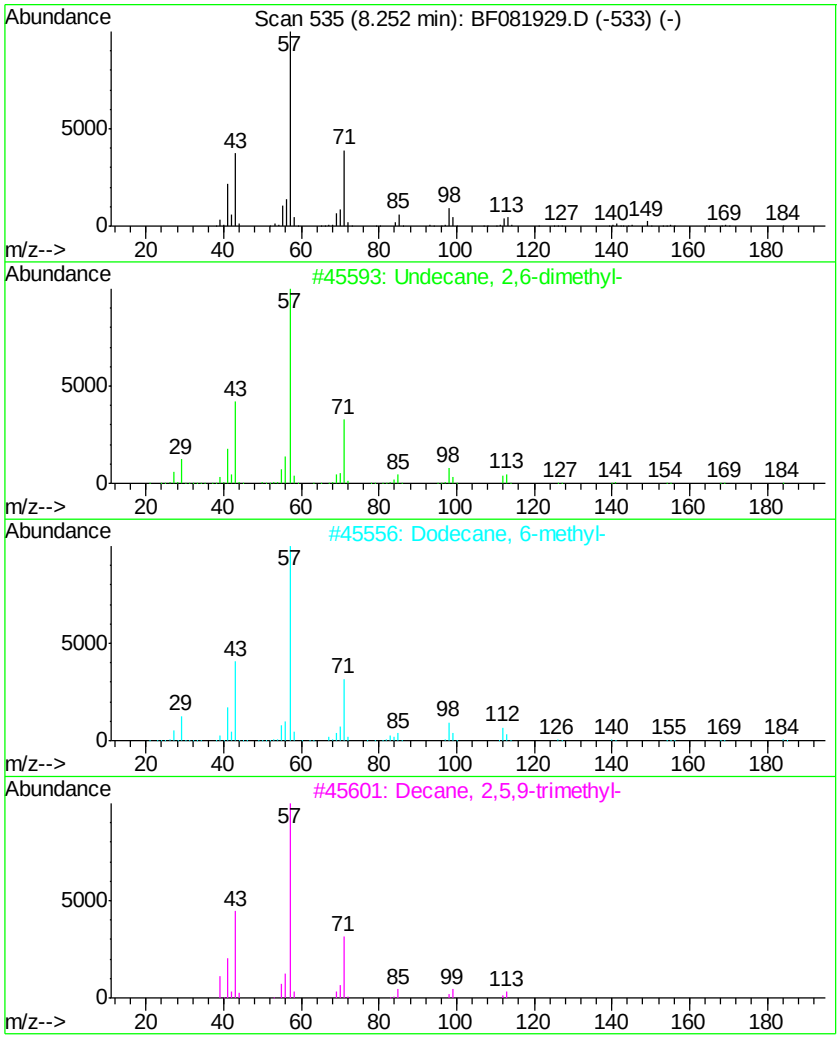
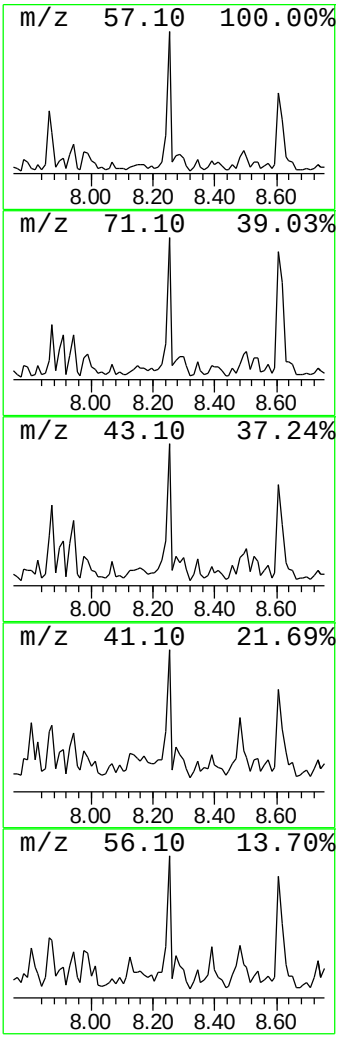
Peak Number 15 Decane, 2,5,9-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	14.90 ng	2007790	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	Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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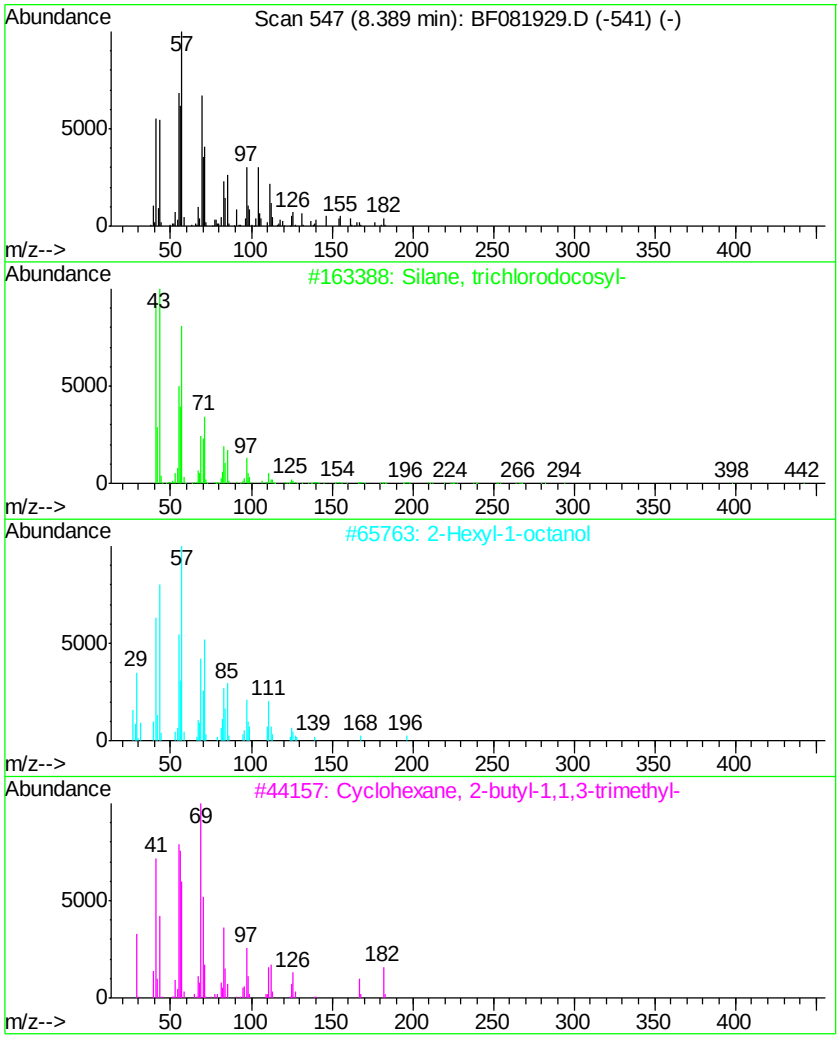
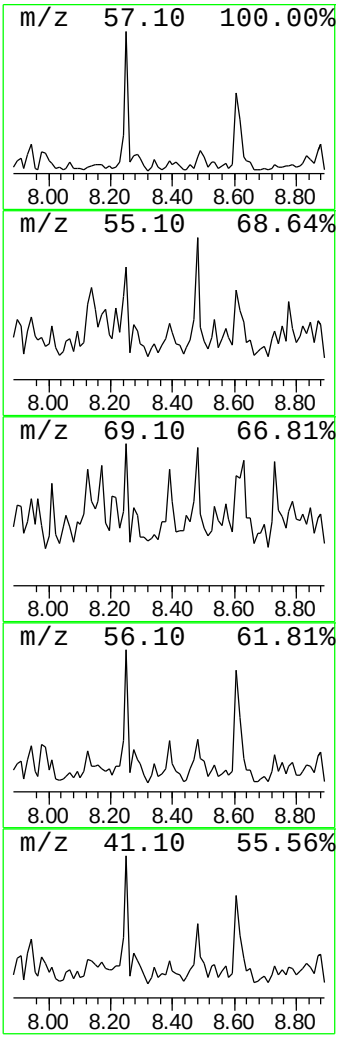
Peak Number 16 2-Hexyl-1-octanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	9.65 ng	1299920	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	64
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	64
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	50
4	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	46
5	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	45





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Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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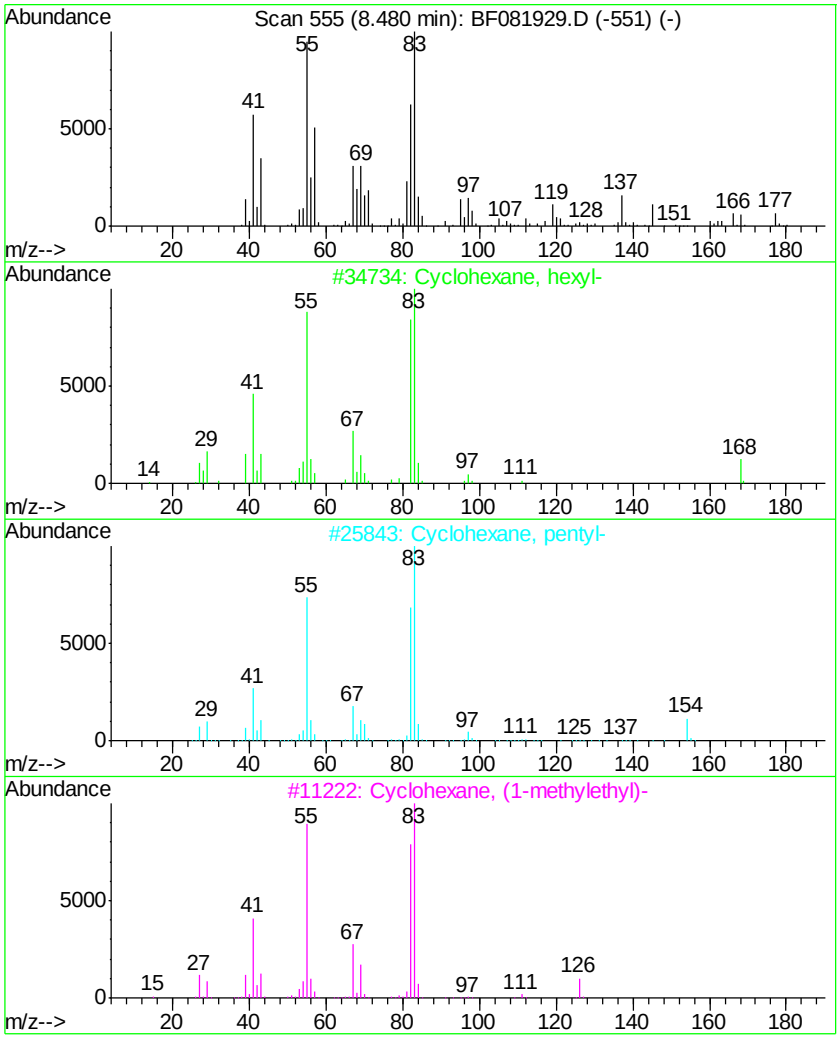
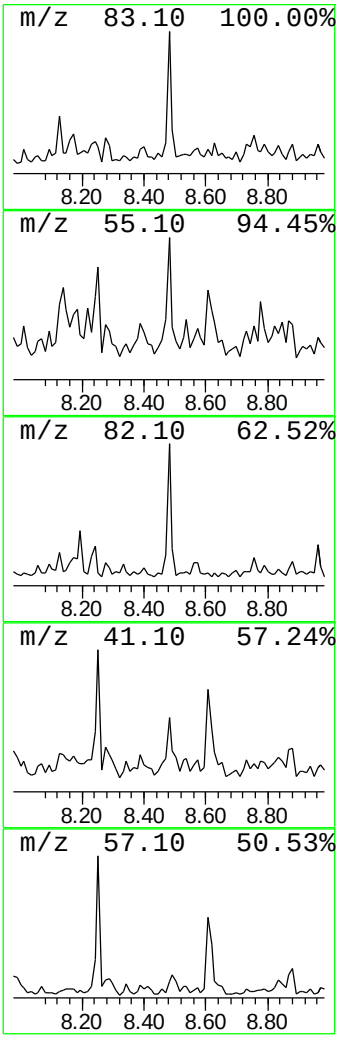
Peak Number 17 Cyclohexane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	14.02 ng	1889200	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47





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Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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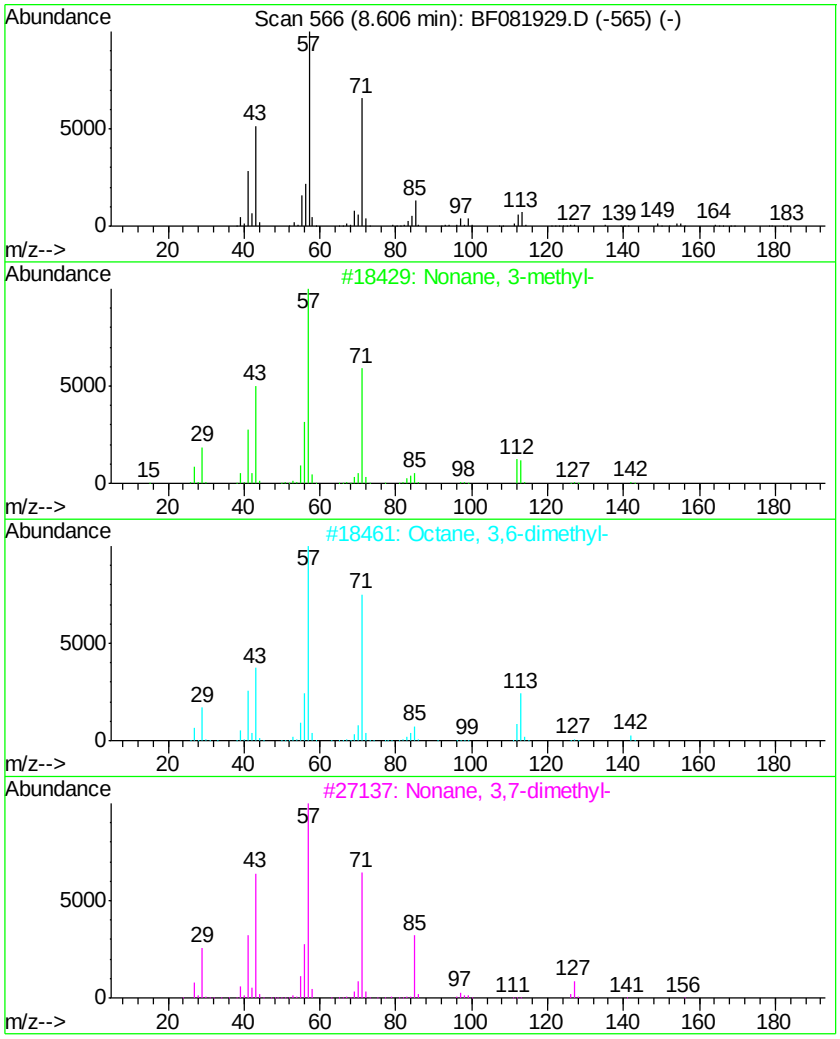
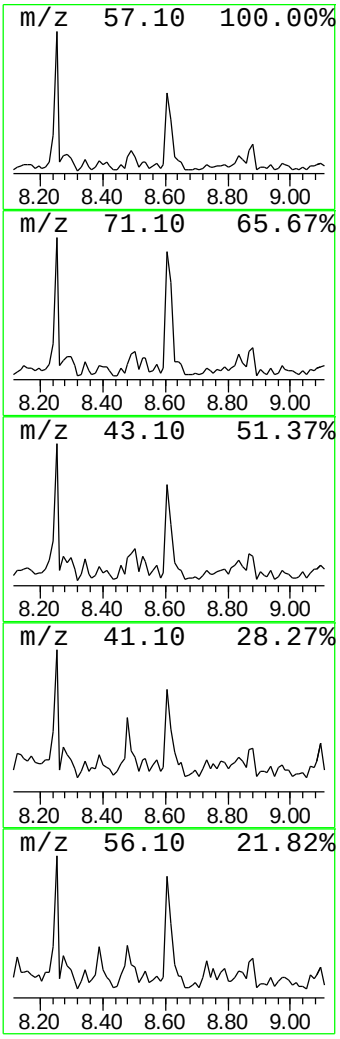
Peak Number 18 Nonane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	17.62 ng	2373410	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





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Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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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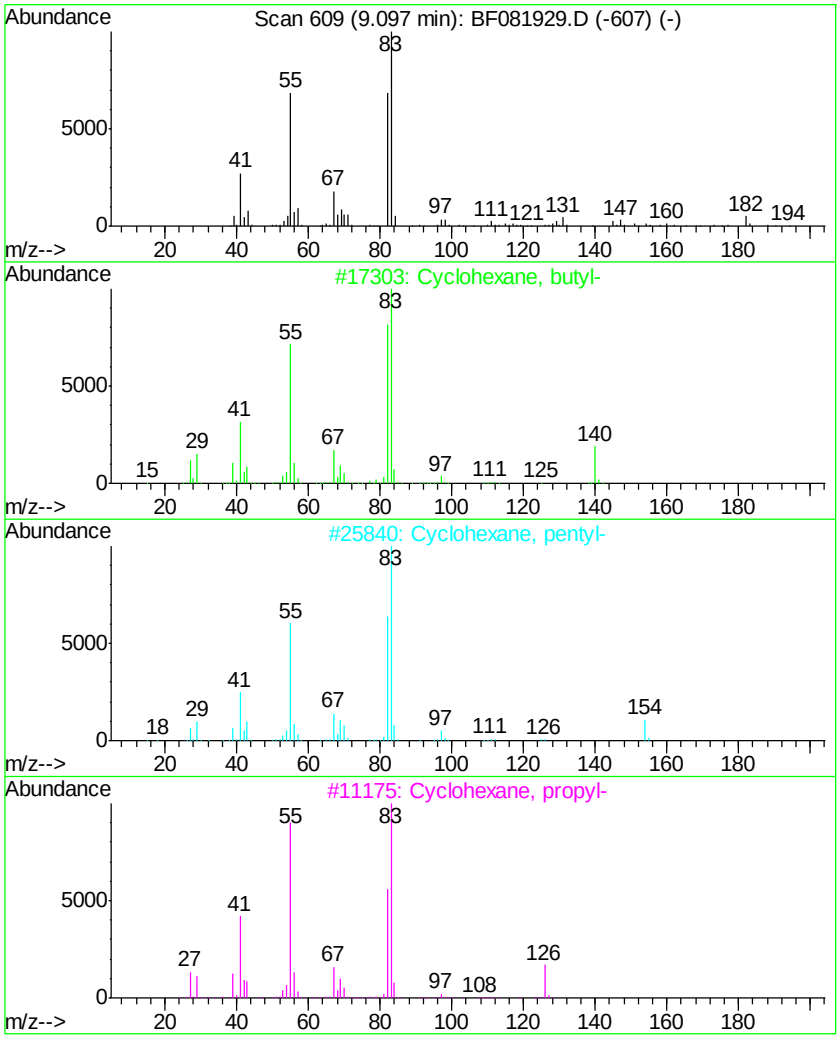
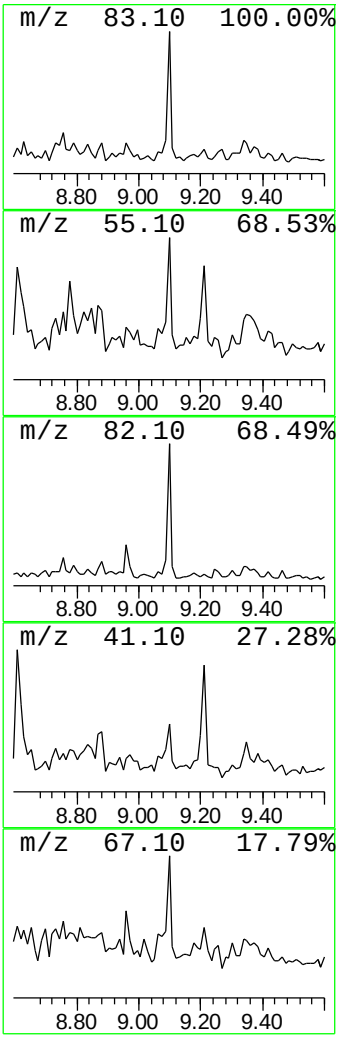
Peak Number 19 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	12.57 ng	715920	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	56
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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

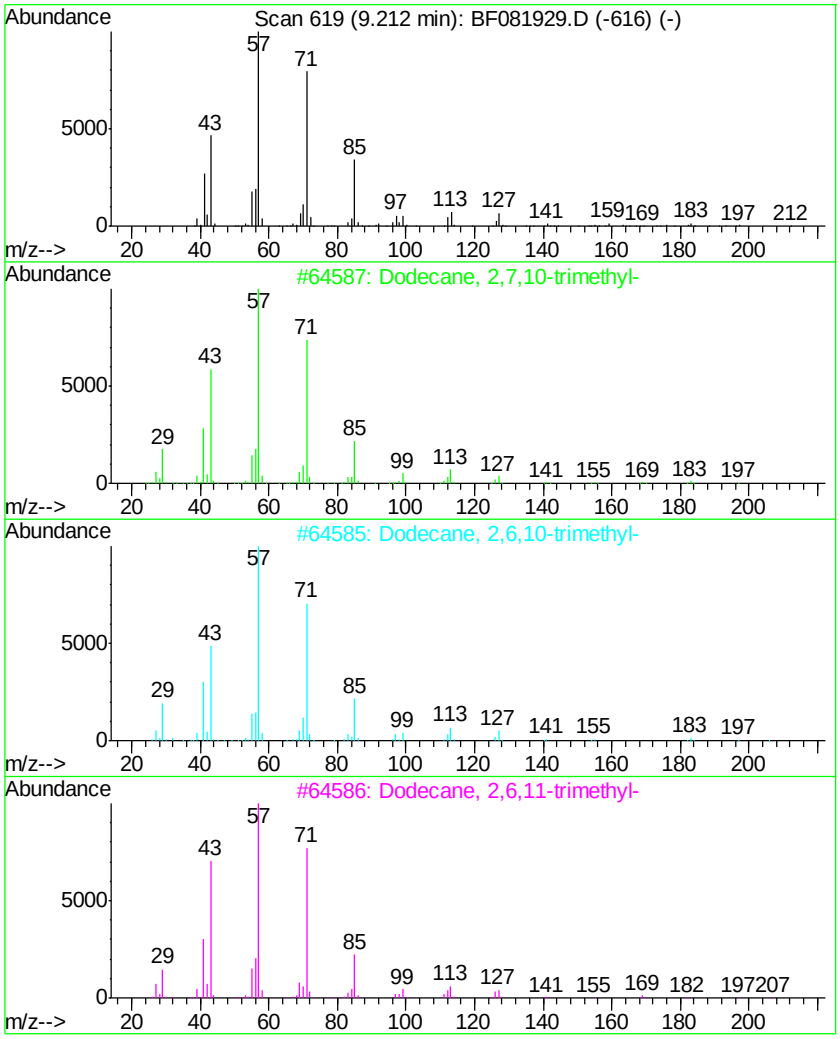
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

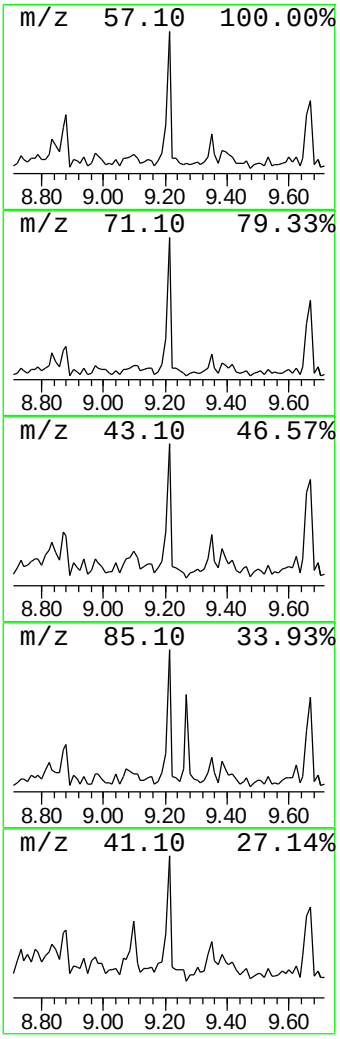
****

Peak Number 20 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	24.34 ng	1386610	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	86
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081929.D
Acq On : 1 Oct 2015 4:56
Operator : UM/IZ
Sample : G3846-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 008-TB-7(8-9.7)

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-Pentanone, 4-hy...	5.10	24.7	ng	1642070	1	6.90	1331690	20.0
Cyclohexane, propyl-	6.15	17.4	ng	1160430	1	6.90	1331690	20.0
Undecane, 2,6-dim...	6.33	10.9	ng	726088	1	6.90	1331690	20.0
Nonane, 4-methyl-	6.40	13.2	ng	876094	1	6.90	1331690	20.0
Cyclohexane, 1-me...	6.64	8.6	ng	572004	1	6.90	1331690	20.0
unknown6.67	6.67	43.8	ng	2915150	1	6.90	1331690	20.0
Heptane, 4-ethyl-	7.18	12.6	ng	839309	1	6.90	1331690	20.0
Decane, 3-methyl-	7.29	14.0	ng	931070	1	6.90	1331690	20.0
n-Amylcyclohexane	7.81	8.2	ng	1110550	2	8.19	2694320	20.0
Decane, 3,6-dimet...	7.87	8.3	ng	1119340	2	8.19	2694320	20.0
unknown7.93	7.93	10.1	ng	1361650	2	8.19	2694320	20.0
unknown8.14	8.14	9.0	ng	1214310	2	8.19	2694320	20.0
Decane, 2,5,9-tri...	8.25	14.9	ng	2007790	2	8.19	2694320	20.0
2-Hexyl-1-octanol	8.39	9.7	ng	1299920	2	8.19	2694320	20.0
Cyclohexane, hexyl-	8.48	14.0	ng	1889200	2	8.19	2694320	20.0
Nonane, 3-methyl-	8.61	17.6	ng	2373410	2	8.19	2694320	20.0
Cyclohexane, butyl-	9.10	12.6	ng	715920	3	9.94	1139390	20.0
Dodecane, 2,7,10-...	9.21	24.3	ng	1386610	3	9.94	1139390	20.0