LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086997.D
Acq On : 14 May 2016 4:09
Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

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-BF050916.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	1.735	12	13	43	rVB	4671973	9641952	100.00%	8.081%
2	2.101	43	45	64	rVB	50693	208100	2.16%	0.174%
3	4.741	274	276	279	rBV	64062	103821	1.08%	0.087%
4	5.198	314	316	324	rBV	1597853	1972066	20.45%	1.653%
5	5.347	328	329	334	rVB	172991	185563	1.92%	0.156%
6	5.461	337	339	340	rBV	171063	161569	1.68%	0.135%
7	5.484	340	341	345	rVB	109554	127341	1.32%	0.107%
8	5.633	347	354	360	rVB3	234977	453050	4.70%	0.380%
9	5.793	367	368	372	rBV3	84916	136275	1.41%	0.114%
10	5.930	377	380	383	rVB3	52922	100252	1.04%	0.084%
11	6.101	393	395	400	rBV	461821	524744	5.44%	0.440%
12	6.170	400	401	403	rBV	106770	136327	1.41%	0.114%
13	6.239	405	407	409	rVB	452975	440450	4.57%	0.369%
14	6.284	409	411	417	rBV2	976224	1645221	17.06%	1.379%
15	6.387	417	420	422	rBV	3522958	3771246	39.11%	3.161%
16	6.490	425	429	430	rBV	355046	464206	4.81%	0.389%
17	6.581	435	437	438	rBV2	117503	130977	1.36%	0.110%
18	6.604	438	439	446	rVB3	890240	1809456	18.77%	1.517%
19	6.696	446	447	451	rVB2	131594	170935	1.77%	0.143%
20	6.764	451	453	456	rBV	3065363	3232856	33.53%	2.710%
21	6.833	456	459	464	rBV4	264755	540620	5.61%	0.453%
22	6.913	464	466	467	rVB	127880	128053	1.33%	0.107%
23	6.959	467	470	473	rBV4	264032	535347	5.55%	0.449%
24	7.027	473	476	479	rBV3	261084	382991	3.97%	0.321%
25	7.084	479	481	483	rBV3	141145	225671	2.34%	0.189%
26	7.130	483	485	488	rBV2	883166	1632738	16.93%	1.368%
27	7.187	488	490	494	rVB	2653220	3059725	31.73%	2.565%
28	7.267	494	497	498	rBV3	395785	684076	7.09%	0.573%
29	7.302	498	500	501	rVB	358966	340424	3.53%	0.285%
30	7.382	505	507	510	rVB4	496791	965615	10.01%	0.809%
31	7.450	510	513	514	rBV2	212888	381911	3.96%	0.320%
32	7.484	514	516	518	rVB2	388883	542930	5.63%	0.455%
33	7.519	518	519	521	rBV	257240	376495	3.90%	0.316%
34	7.576	521	524	526	rVB3	650749	1158213	12.01%	0.971%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.633	526	529	533	rBV3	886651	1803416	18.70%	1.512%
36	7.724	533	537	539	rBV4	480107	1325059	13.74%	1.111%
37	7.770	539	541	542	rBV2	148650	149343	1.55%	0.125%
38	7.907	550	553	554	rBV2	1530067	2275457	23.60%	1.907%
39	8.033	561	564	565	rBV2	478392	714514	7.41%	0.599%
40	8.079	565	568	570	rVV4	354041	798906	8.29%	0.670%
41	8.147	570	574	576	rVV2	1334543	3095494	32.10%	2.594%
42	8.193	576	578	580	rVV3	380037	907690	9.41%	0.761%
43	8.273	580	585	588	rVB4	1252933	3719520	38.58%	3.118%
44	8.353	588	592	593	rBV3	400209	784283	8.13%	0.657%
45	8.433	593	599	602	rVV4	1502323	4369869	45.32%	3.663%
46	8.513	604	606	608	rVB2	549777	699599	7.26%	0.586%
47	8.559	608	610	612	rBV2	981023	1995995	20.70%	1.673%
48	8.605	612	614	617	rVB	1976262	2613288	27.10%	2.190%
49	8.685	617	621	622	rBV2	1641325	3120102	32.36%	2.615%
50	8.707	622	623	625	rVV2	808682	1242360	12.88%	1.041%
51	8.753	625	627	629	rVV2	853206	1528604	15.85%	1.281%
52	8.799	629	631	632	rVV	847195	1428704	14.82%	1.197%
53	8.833	632	634	635	rVV2	641982	941693	9.77%	0.789%
54	8.867	635	637	638	rVV	705093	1107130	11.48%	0.928%
55	8.902	638	640	641	rVV2	828293	1259444	13.06%	1.056%
56	8.936	641	643	645	rVV2	1224043	2005829	20.80%	1.681%
57	8.982	645	647	651	rVB	3714161	6560319	68.04%	5.499%
58	9.153	660	662	663	rBV2	374351	422475	4.38%	0.354%
59	9.210	663	667	669	rVV5	480541	1312269	13.61%	1.100%
60	9.256	669	671	675	rVB3	655347	1403192	14.55%	1.176%
61	9.347	675	679	681	rBV5	545573	1388539	14.40%	1.164%
62	9.393	681	683	686	rVV3	483285	617818	6.41%	0.518%
63	9.656	704	706	710	rVV3	1116281	2068568	21.45%	1.734%
64	9.725	710	712	713	rVV	414819	504167	5.23%	0.423%
65	9.793	716	718	721	rBV4	328703	803014	8.33%	0.673%
66	9.885	723	726	727	rVB	528821	705048	7.31%	0.591%
67	9.988	734	735	737	rBV2	329697	538629	5.59%	0.451%
68	10.056	737	741	743	rVV	2386778	4817789	49.97%	4.038%
69	10.090	743	744	745	rVV	933527	839563	8.71%	0.704%
70	10.125	745	747	748	rVV	657829	937293	9.72%	0.786%
71	10.159	748	750	753	rVB3	1091000	1668691	17.31%	1.399%

LSC Area Percent Report

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Sample : H2966-02
Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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72	10.273	758	760	762	rBV3	312065	594237	6.16%	0.498%
73	10.388	769	770	773	rBV2	308342	708112	7.34%	0.594%
74	10.445	773	775	777	rVV	2690824	3147420	32.64%	2.638%
75	10.513	779	781	784	rVB4	497261	933365	9.68%	0.782%
76	10.650	791	793	794	rBV2	244555	399079	4.14%	0.334%
77	10.799	805	806	810	rVB2	511661	791938	8.21%	0.664%
78	10.868	810	812	813	rVV2	283479	507533	5.26%	0.425%
79	10.902	813	815	820	rVB2	460422	742478	7.70%	0.622%
80	11.016	821	825	827	rVB3	302740	723776	7.51%	0.607%
81	11.096	829	832	833	rBV	618913	773610	8.02%	0.648%
82	11.131	833	835	837	rVB	1490708	1434496	14.88%	1.202%
83	11.313	850	851	853	rVB	212260	166401	1.73%	0.139%
84	11.462	862	864	869	rVB3	172020	317942	3.30%	0.266%
85	11.542	869	871	874	rBV	323732	481061	4.99%	0.403%
86	11.691	882	884	888	rVB	401439	486958	5.05%	0.408%
87	11.805	892	894	900	rVB2	211625	363295	3.77%	0.304%
88	11.896	900	902	913	rVB	337425	734341	7.62%	0.615%
89	12.456	949	951	954	rBV	201739	246651	2.56%	0.207%
90	12.719	971	974	976	rBV	3848565	4796410	49.75%	4.020%
91	13.611	1050	1052	1056	rVB	77911	111726	1.16%	0.094%
92	13.748	1062	1064	1067	rBV	1162768	1142050	11.84%	0.957%
93	15.108	1180	1183	1186	rBV	756419	862888	8.95%	0.723%

Sum of corrected areas: 119310656

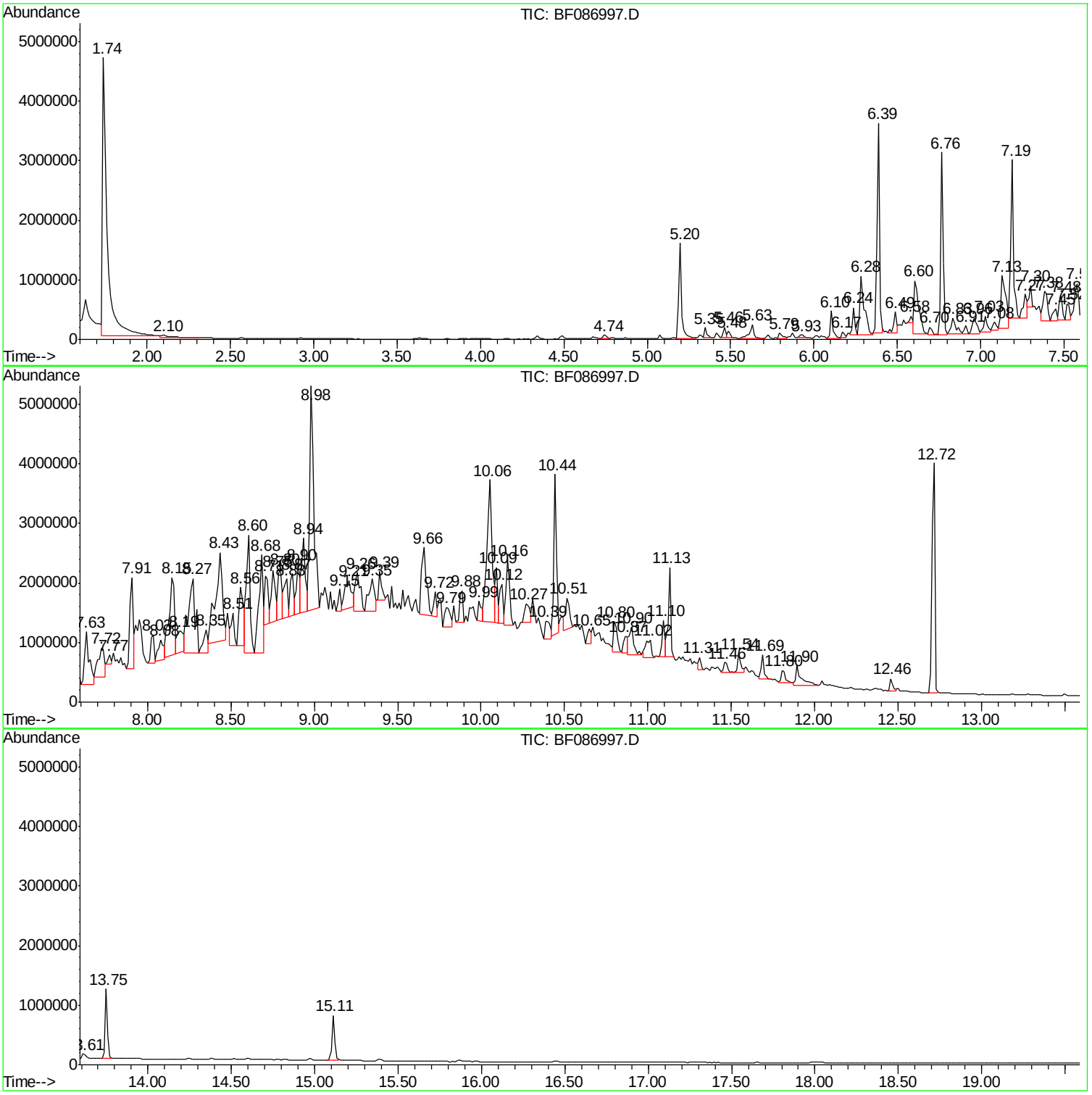
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086997.D
Acq On : 14 May 2016 4:09
Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051316\
Data File : BF086997.D
Acq On : 14 May 2016 4:09
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Sample : H2966-02
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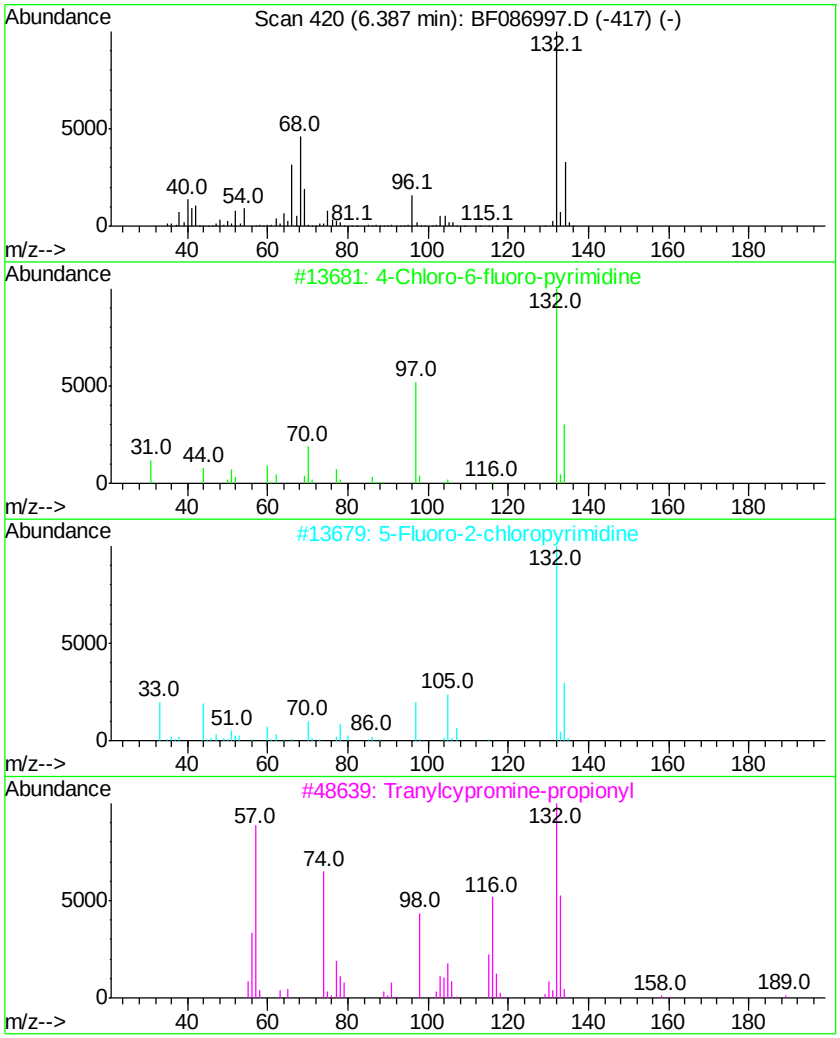
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

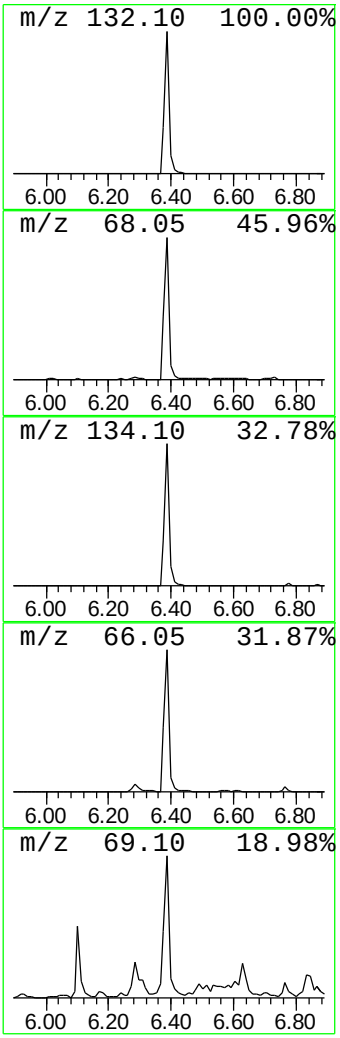
****

Peak Number 2 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	41.68 ng	3771250	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086997.D
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Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

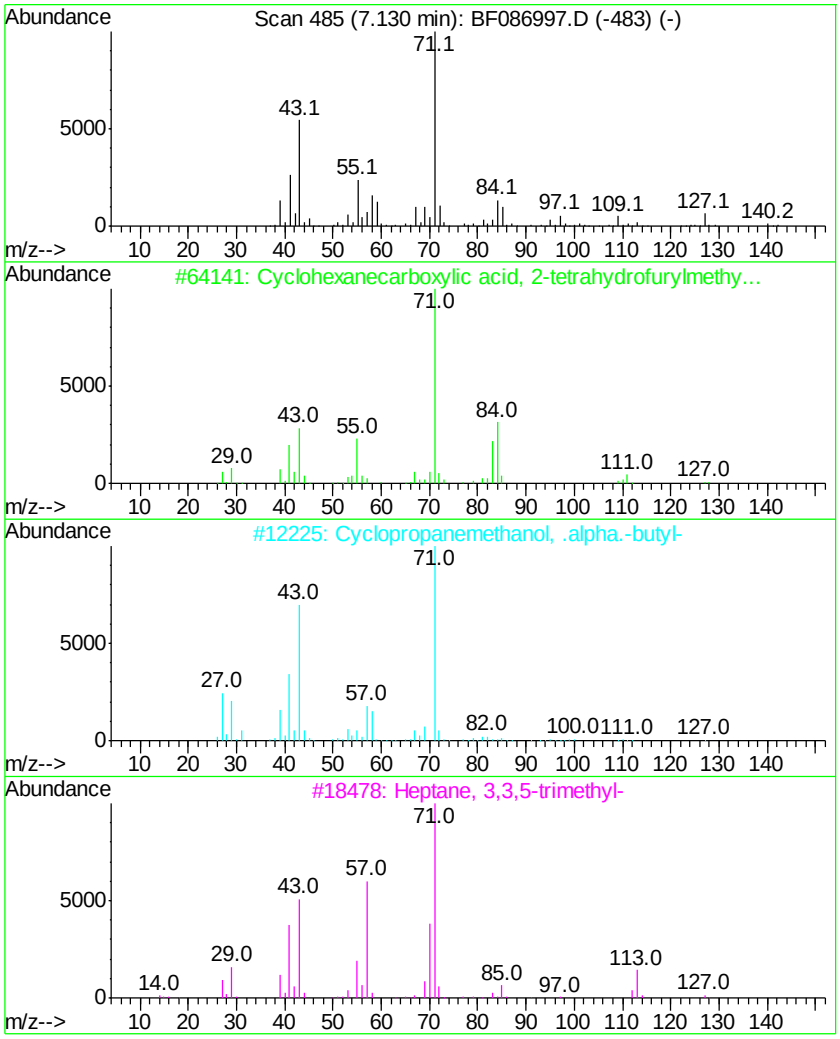
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

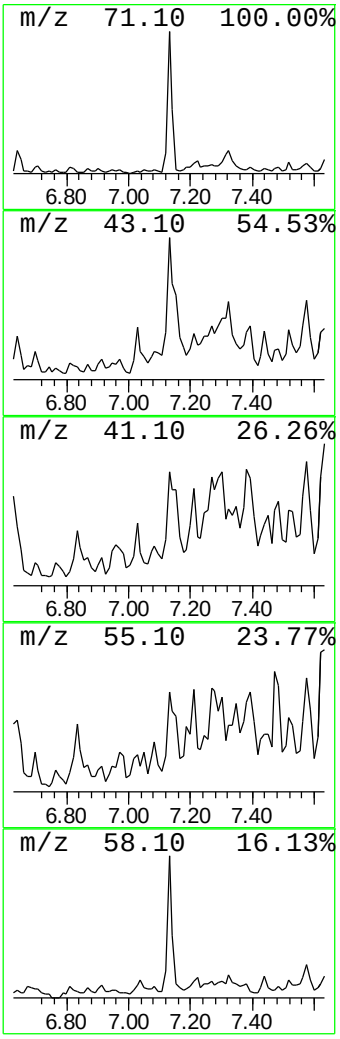
****

Peak Number 4 Cyclohexanecarboxylic acid,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	18.05 ng	1632740	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	53
2	Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	53
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	53
5	4,5-Octanedione	142	C8H14O2	005455-24-3	50





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

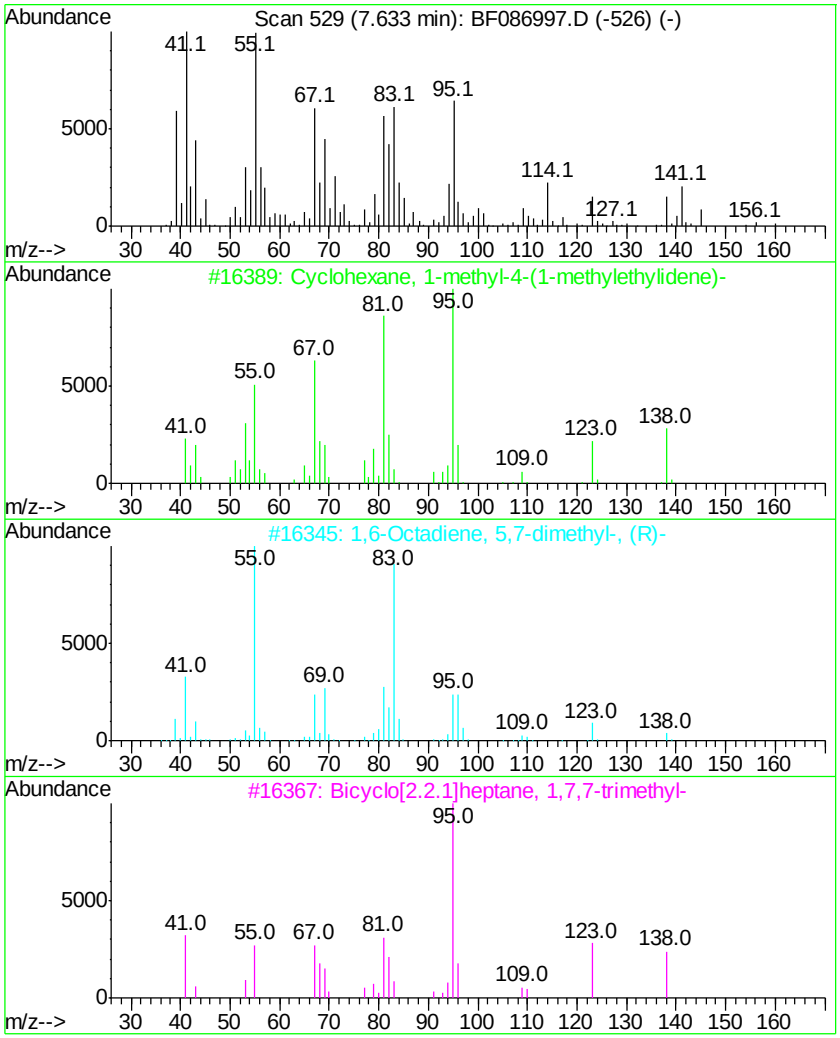
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

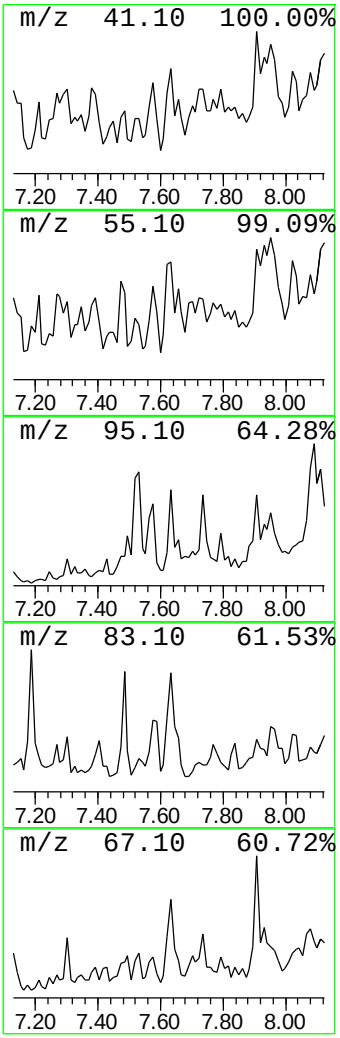
****

Peak Number 5 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	15.85 ng	1803420	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	84
2	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	49
3	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	43
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	42
5	3,5-Octadiene, 2,7-dimethyl-, (E...	138	C10H18	055682-64-9	41





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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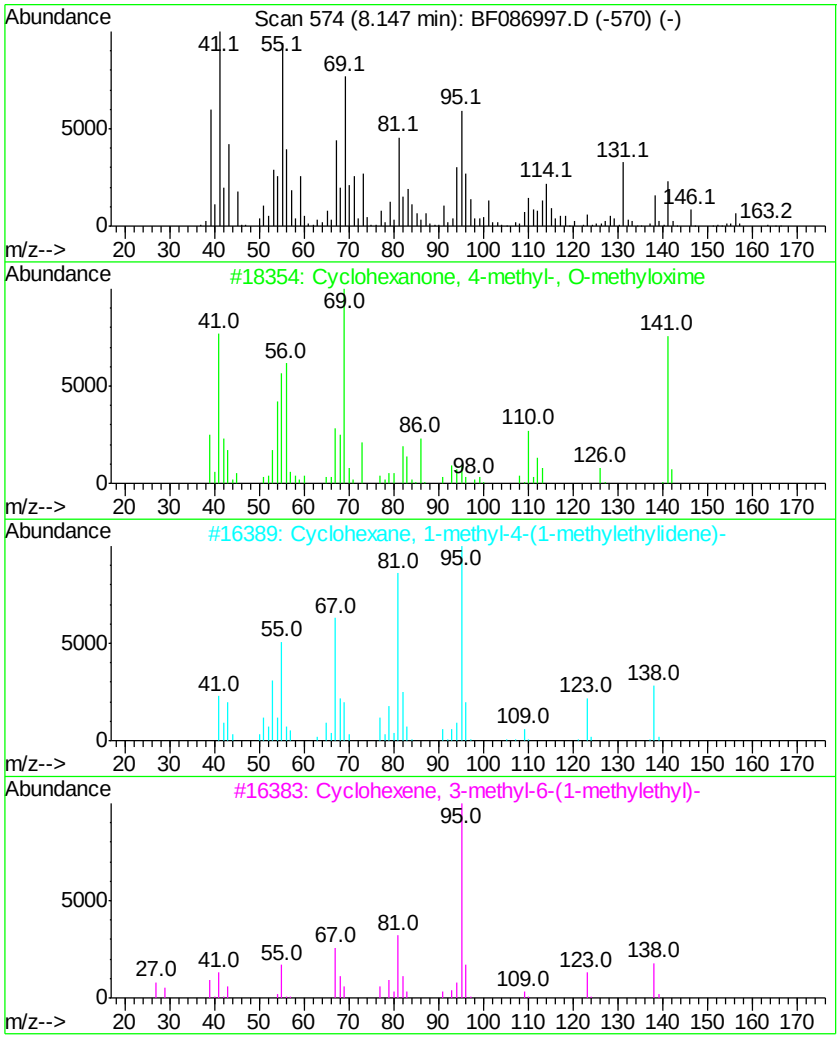
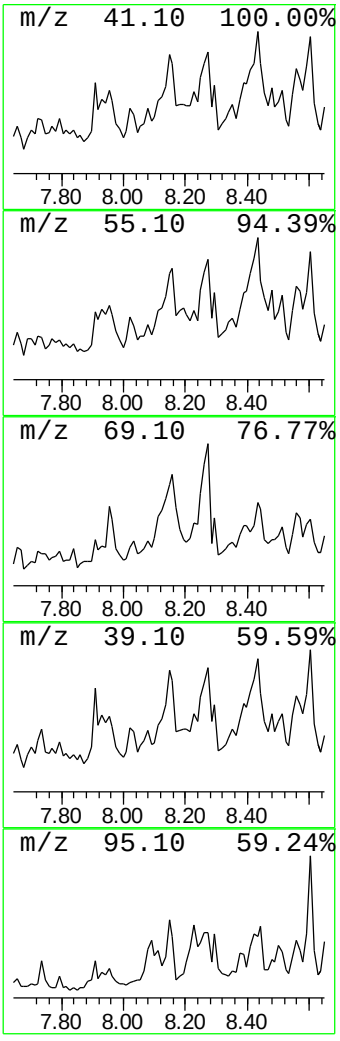
****

Peak Number 6 unknown8.15 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	27.21 ng	3095490	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-methyl-, O-meth...	141	C8H15NO	039477-43-5	42
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	35
3	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	35
4	2-Trichloromethyl-1-bicyclo[2.2....	212	C8H11Cl3	090086-53-6	22
5	Cyclopropanecarboxylic acid, cyc...	182	C11H18O2	208941-23-5	22





Library Search Compound Report

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Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

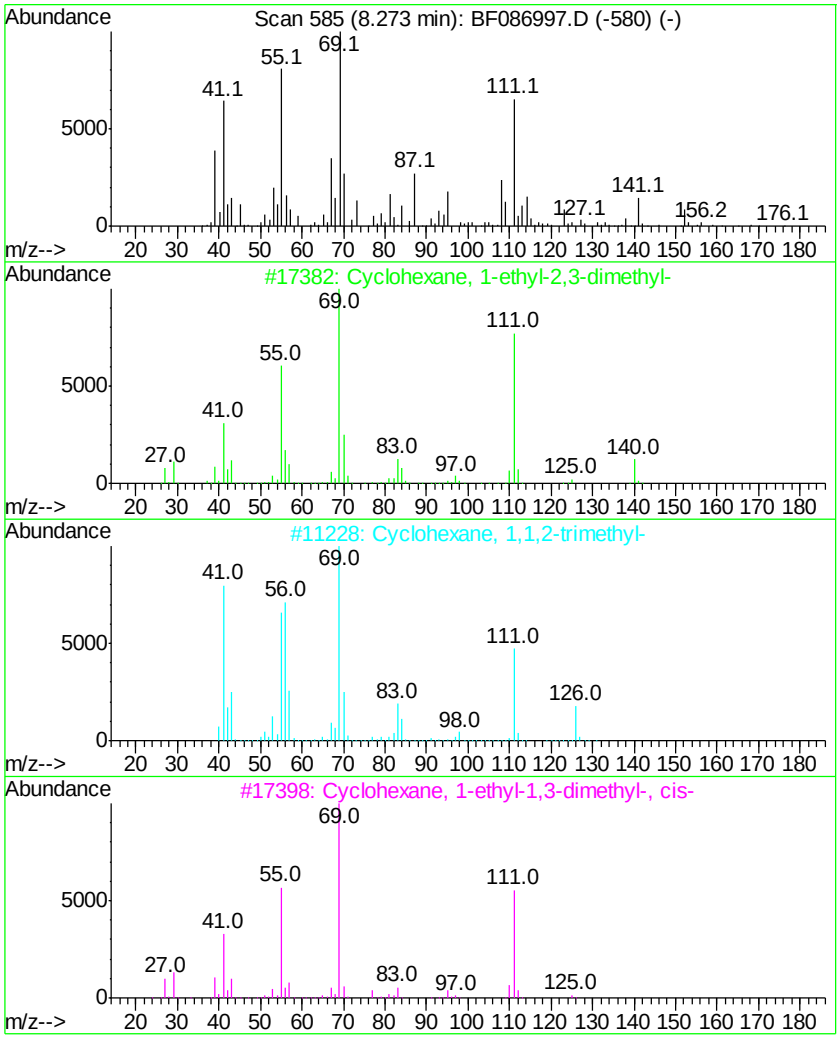
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

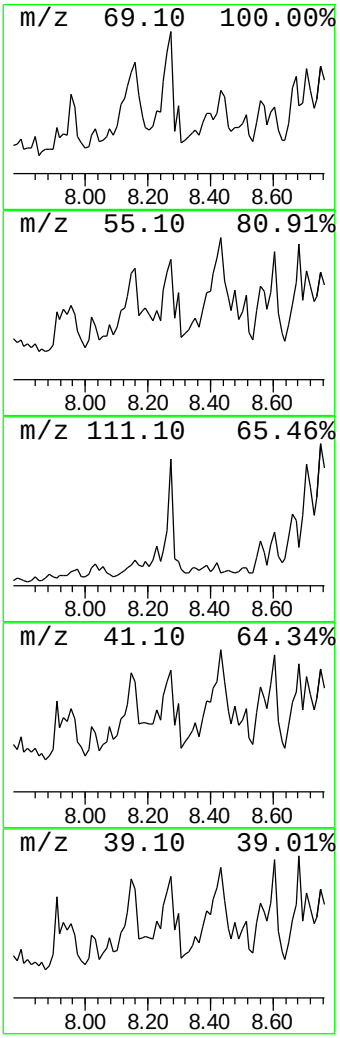
****

Peak Number 7 unknown8.27 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	32.69 ng	3719520	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	47
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
3	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	43
4	Squalene	410	C30H50	007683-64-9	35
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086997.D
Acq On : 14 May 2016 4:09
Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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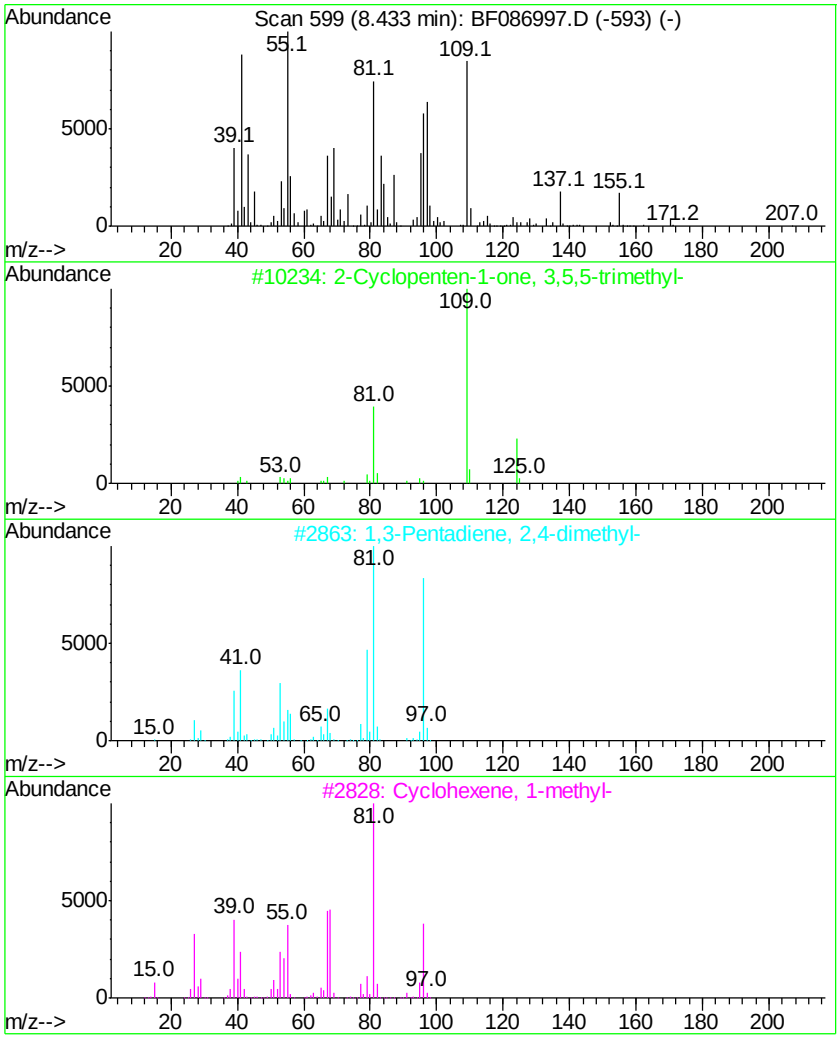
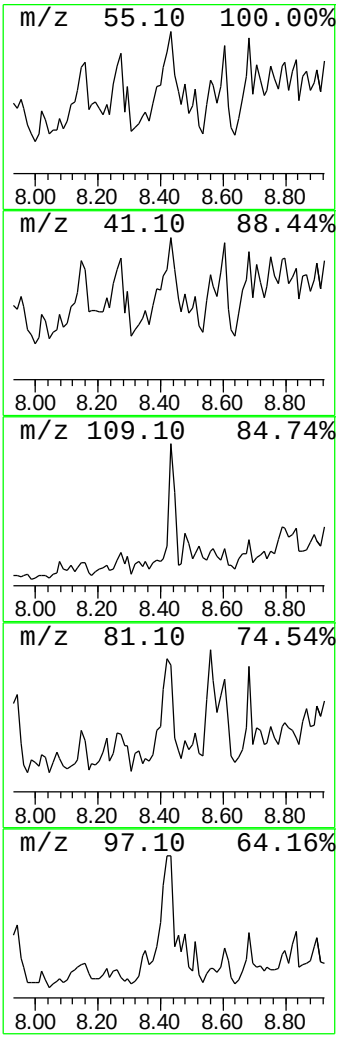
Peak Number 8 unknown8.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	38.41 ng	4369870	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	38
2	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	30
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	27
4	1H-Imidazole-5-ethanamine, 1-met...	125	C6H11N3	000644-42-8	27
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	27





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Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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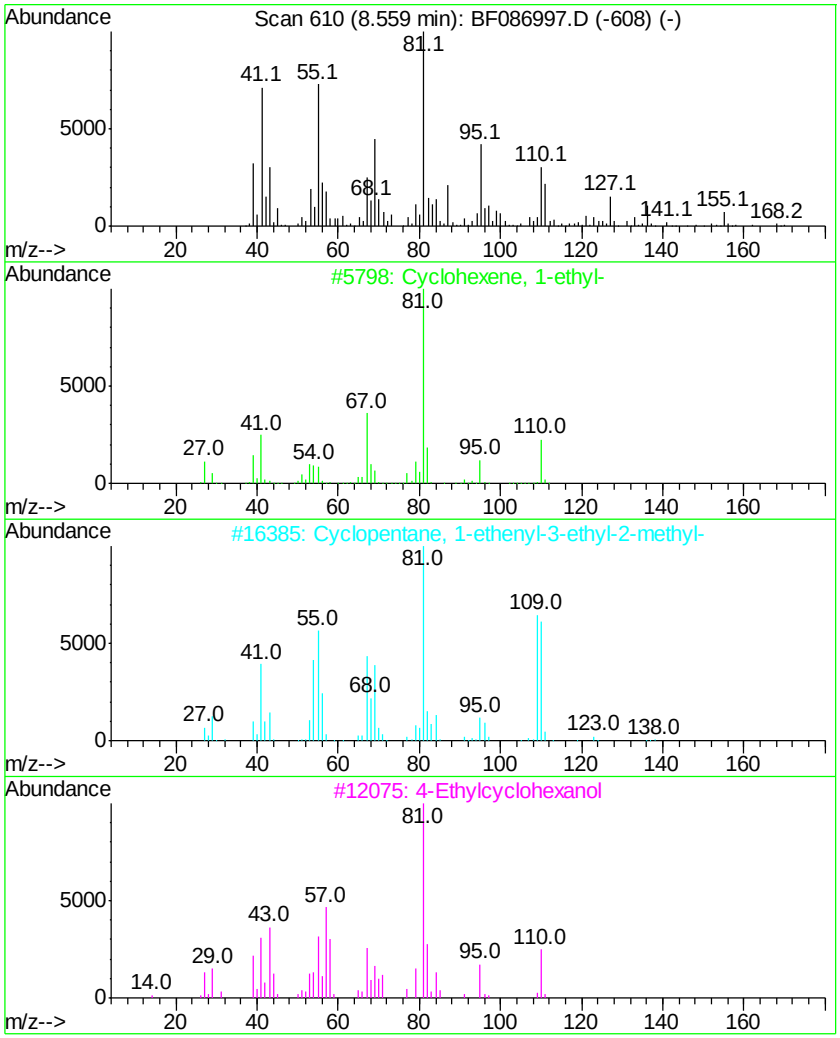
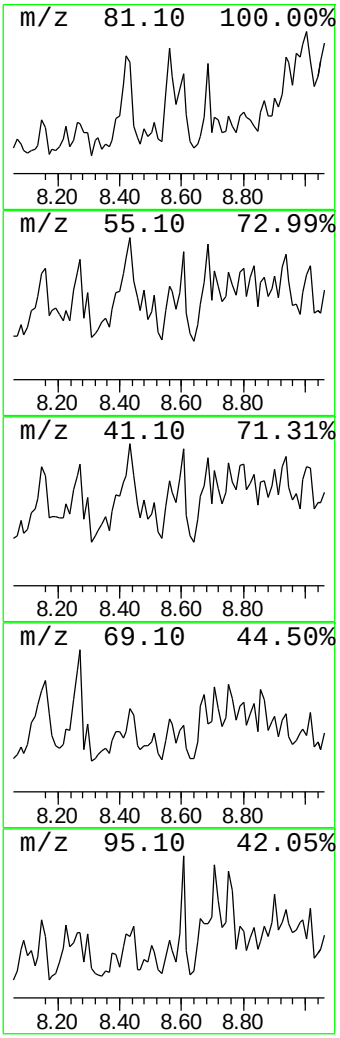
Peak Number 9 unknown8.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	17.54 ng	1996000	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	46
2	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	38
3	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	38
4	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	38
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	38





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ClientSampleId : MW-28

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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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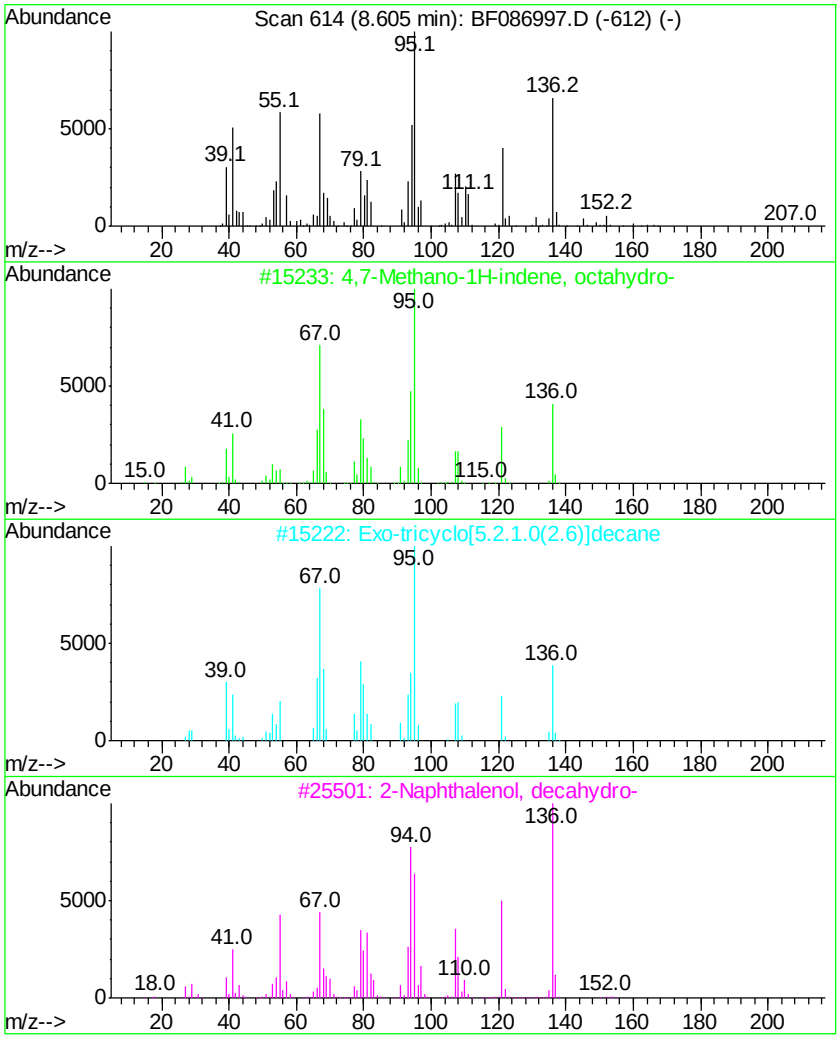
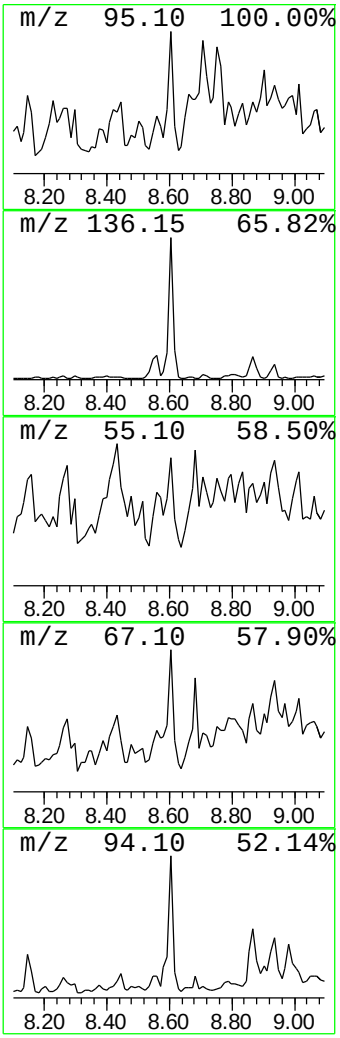
Peak Number 10 4,7-Methano-1H-indene, octa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	22.97 ng	2613290	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	90
2	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	68
3	2-Naphthalenol, decahydro-	154	C10H18O	000825-51-4	58
4	1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	52
5	1.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	002529-05-7	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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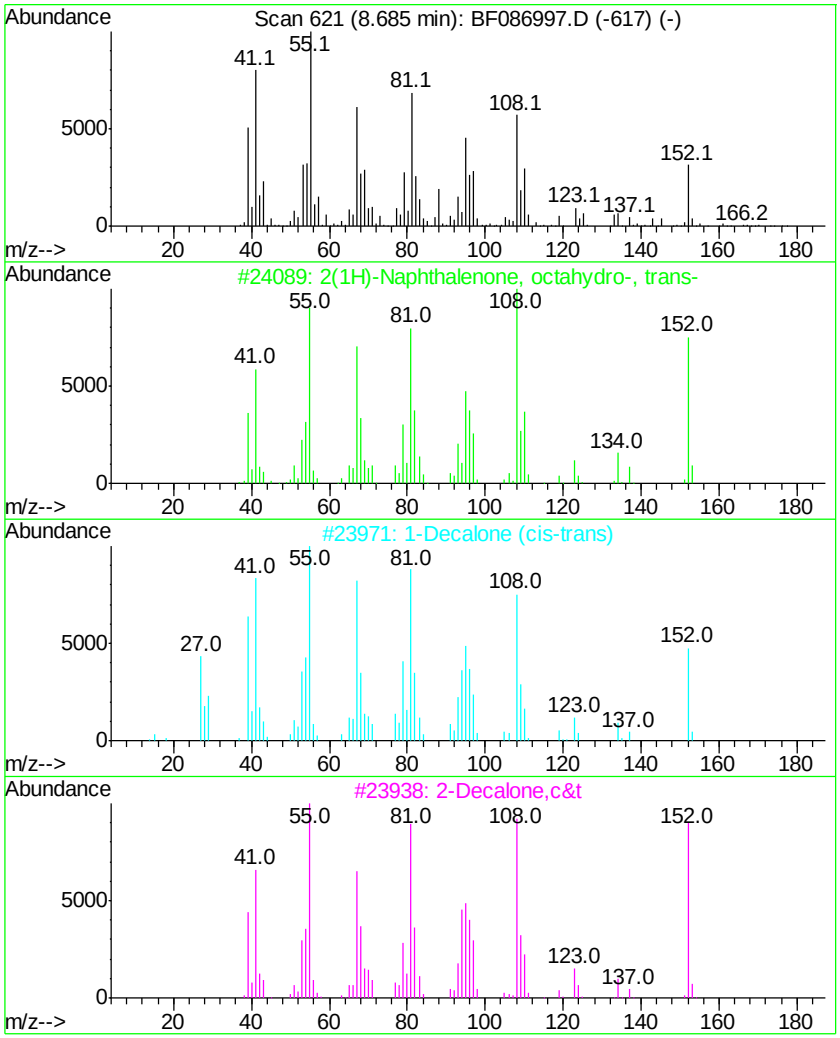
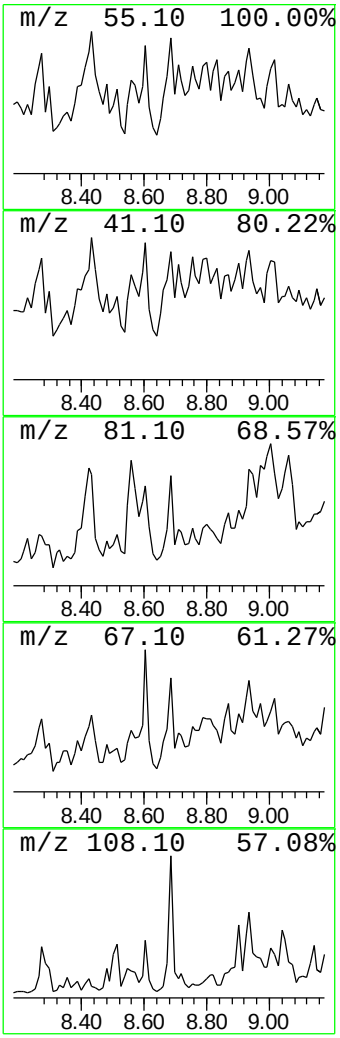
Peak Number 11 2(1H)-Naphthalenone, octahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	27.42 ng	3120100	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	95
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	93
3	2-Decalone,c&t	152	C10H16O	004832-17-1	89
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	49
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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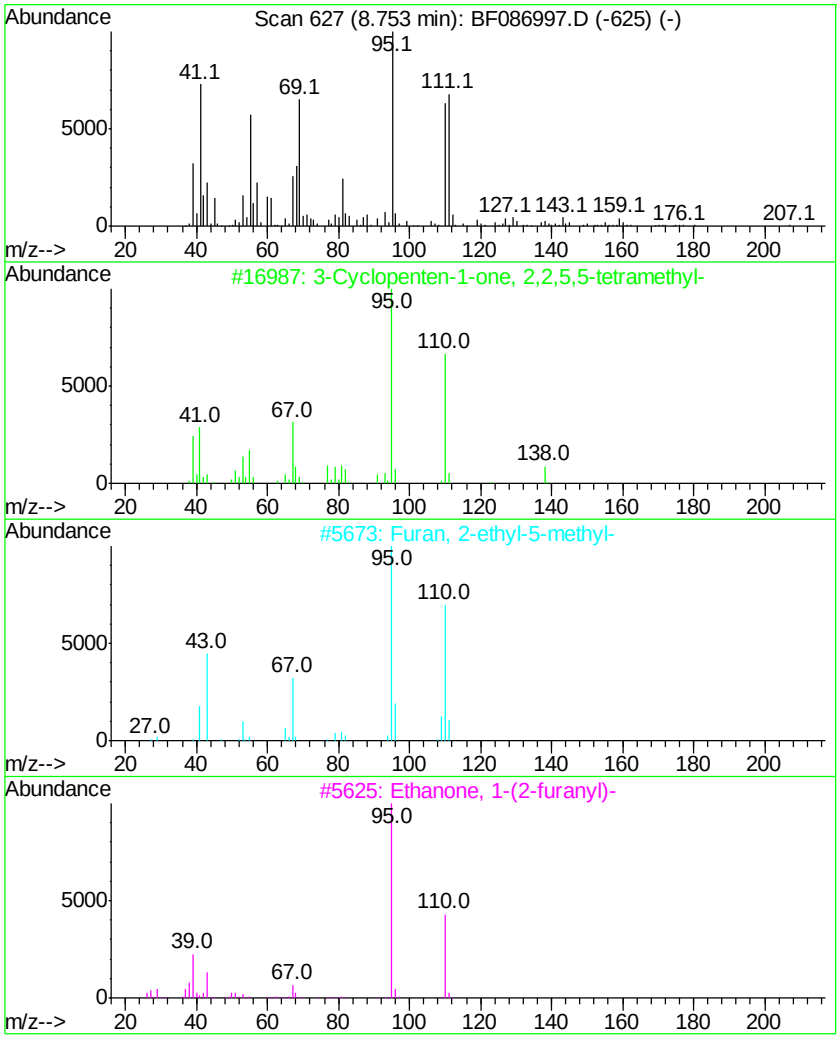
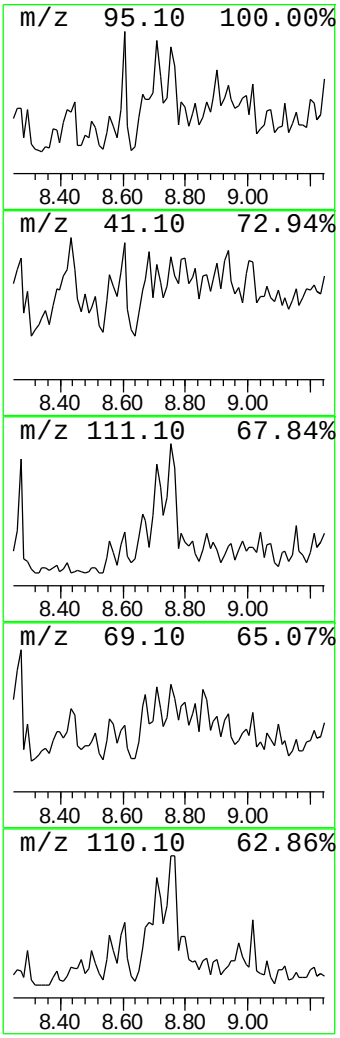
Peak Number 12 unknown8.75 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	13.44 ng	1528600	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	47
2	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	47
3	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	46
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38
5	4(1H)-Pyridone	95	C5H5NO	000108-96-3	38





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : MW-28

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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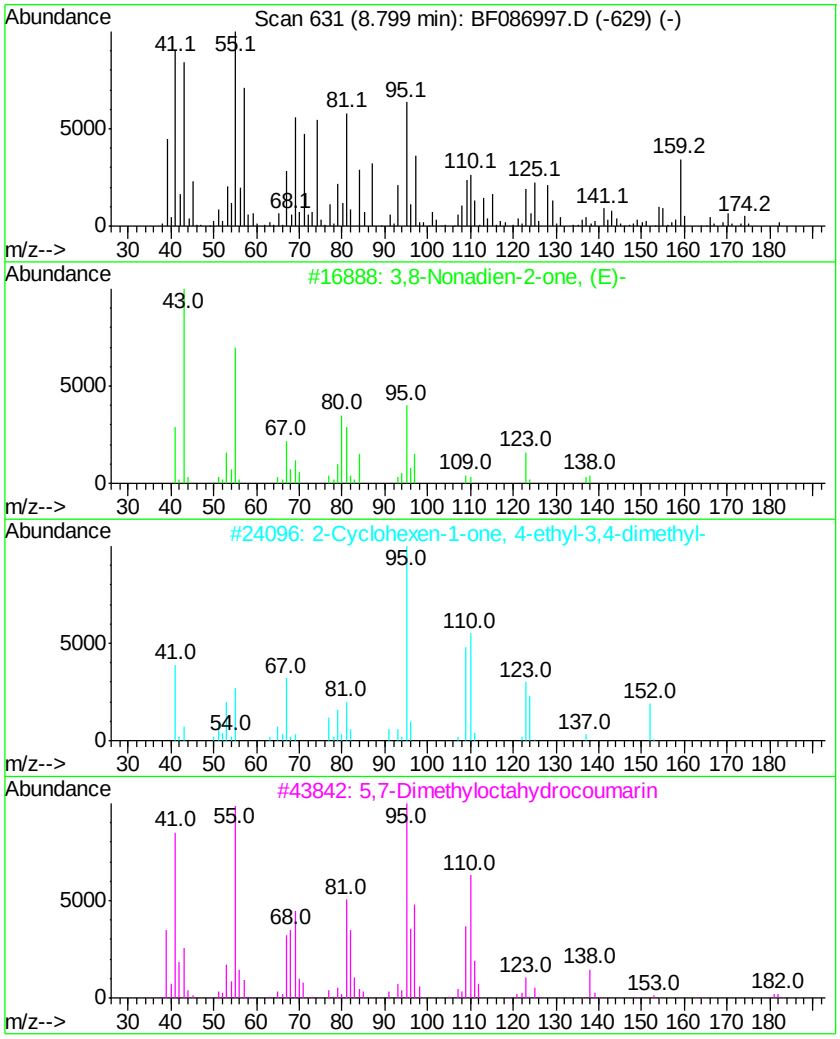
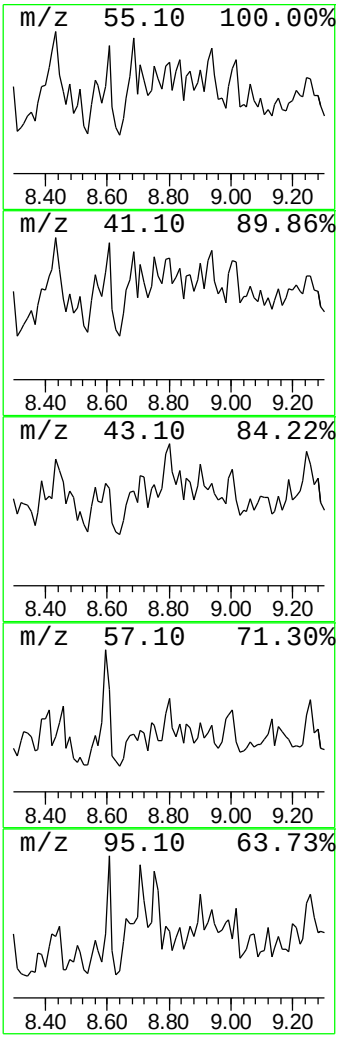
Peak Number 13 unknown8.80 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	13.81 ng	1428700	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,8-Nonadien-2-one, (E)-	138	C9H14O	055282-90-1	35
2	2-Cyclohexen-1-one, 4-ethyl-3,4-...	152	C10H16O	017622-46-7	35
3	5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	27
4	6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	27
5	7-Thiabicyclo[4.1.0]heptane, 1-m...	128	C7H12S	007272-23-3	18





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ClientSampleId : MW-28

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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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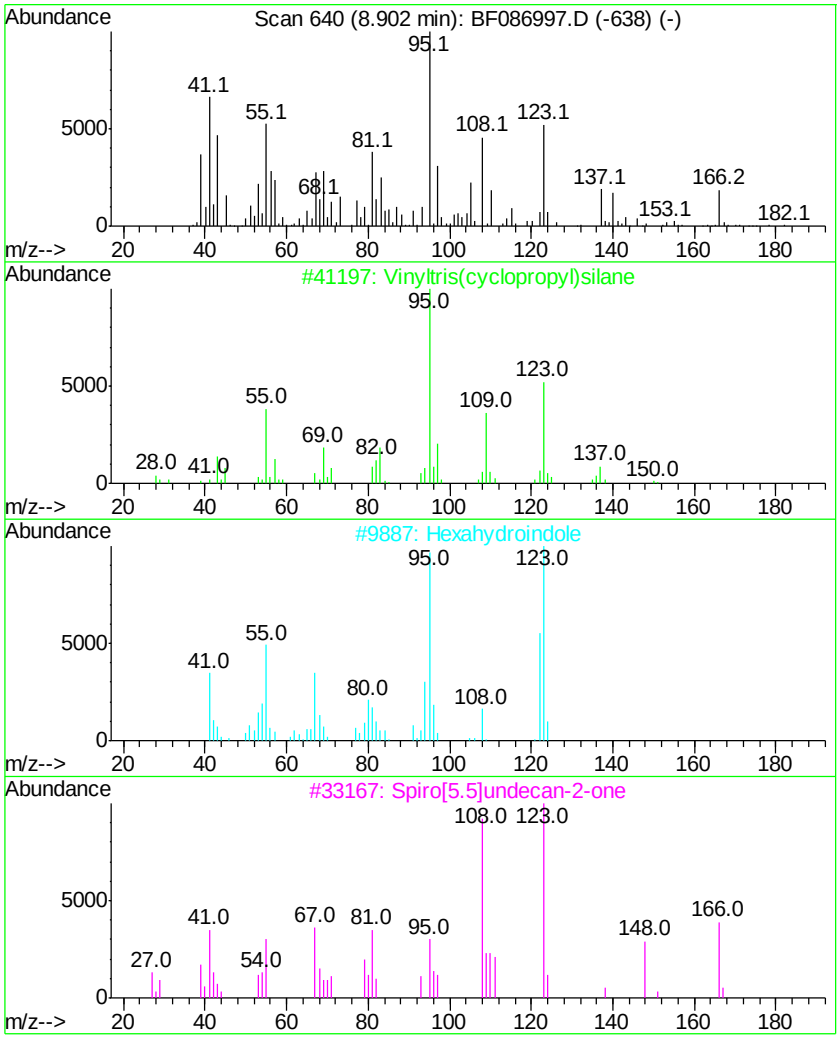
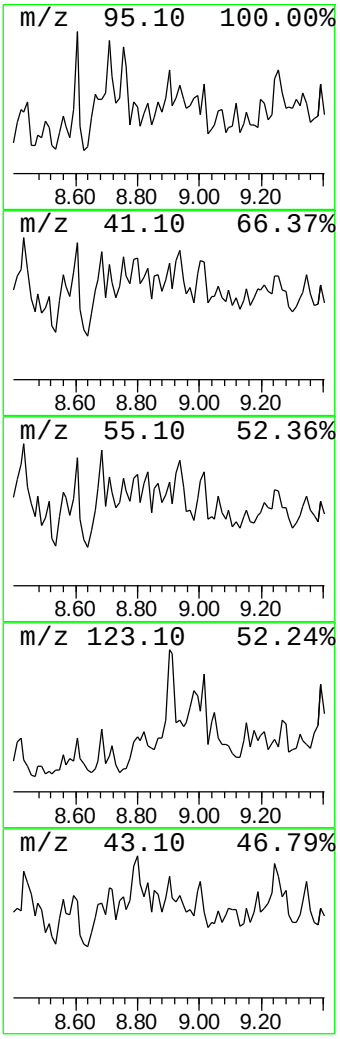
Peak Number 14 unknown8.90 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	12.18 ng	1259440	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	47
2	Hexahydroindole	123	C8H13N	018159-32-5	43
3	Spiro[5.5]undecan-2-one	166	C11H18O	001781-81-3	35
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	22





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Misc :
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ClientSampleId : MW-28

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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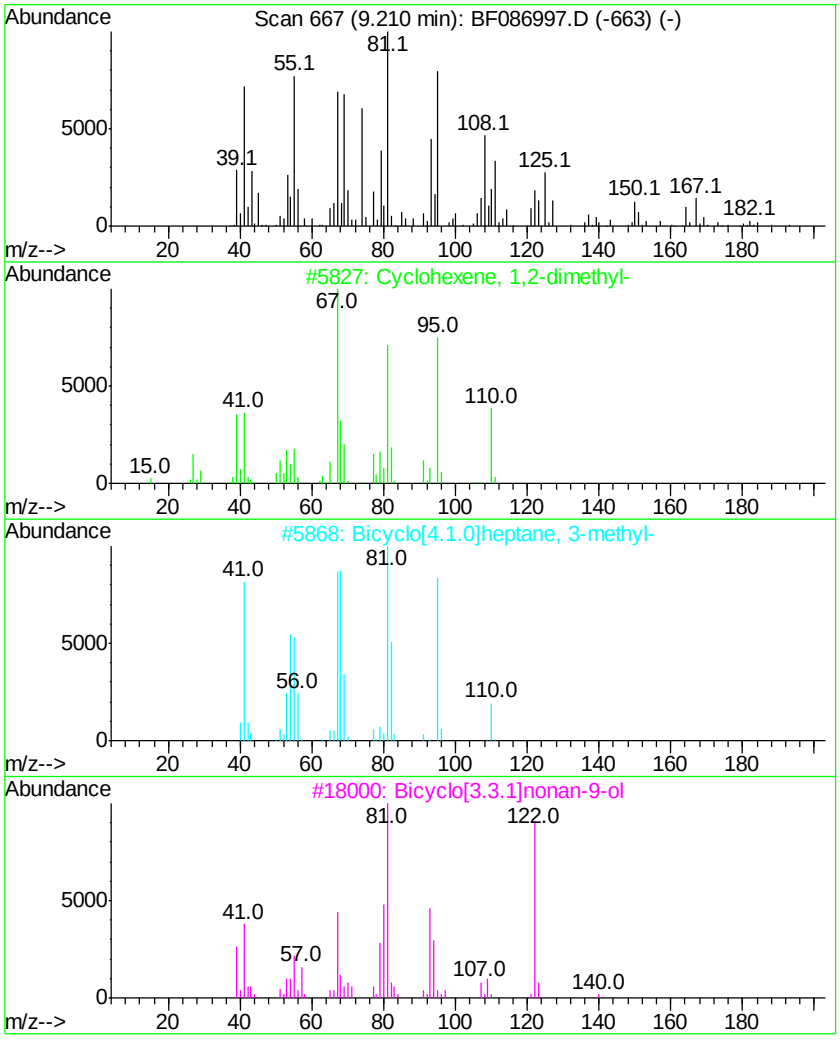
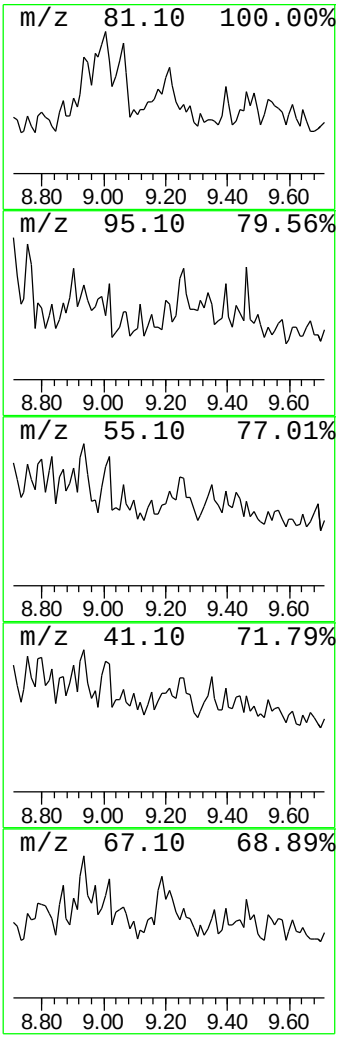
Peak Number 15 unknown9.21 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	12.69 ng	1312270	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	46
2	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	45
3	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	38
4	4,4-Diallyl-cyclohexanone	178	C12H18O	1000186-50-2	35
5	4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	30





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ClientSampleId : MW-28

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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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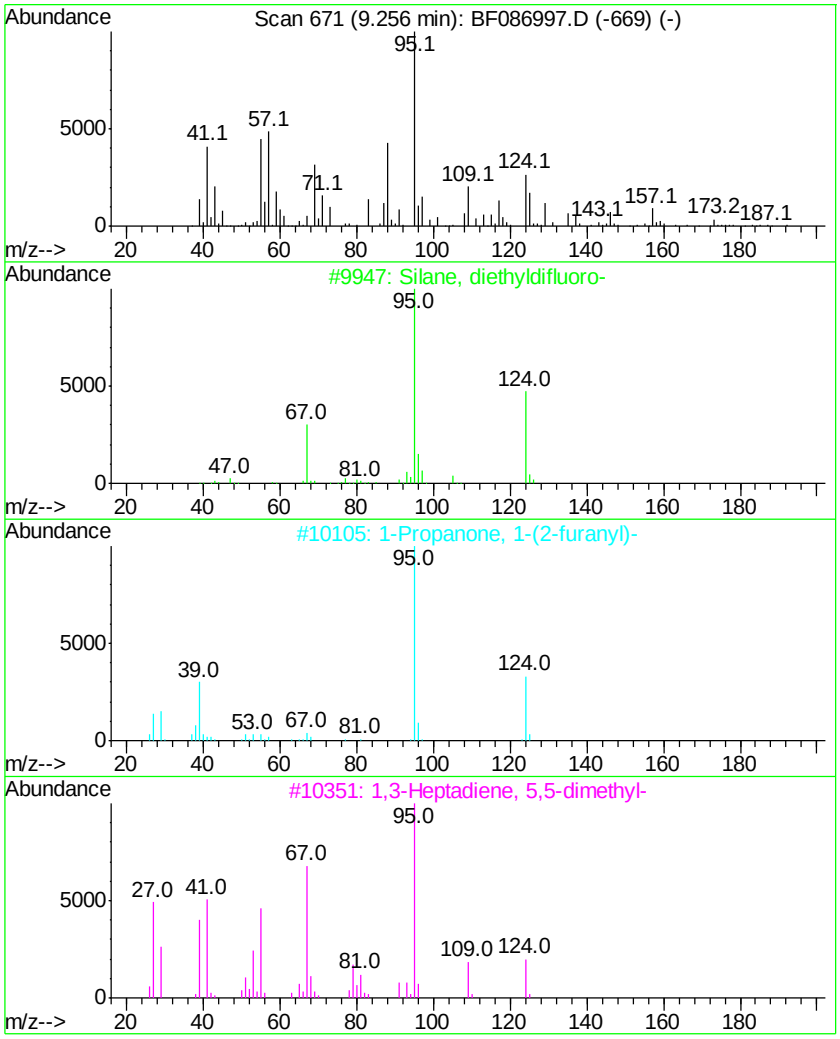
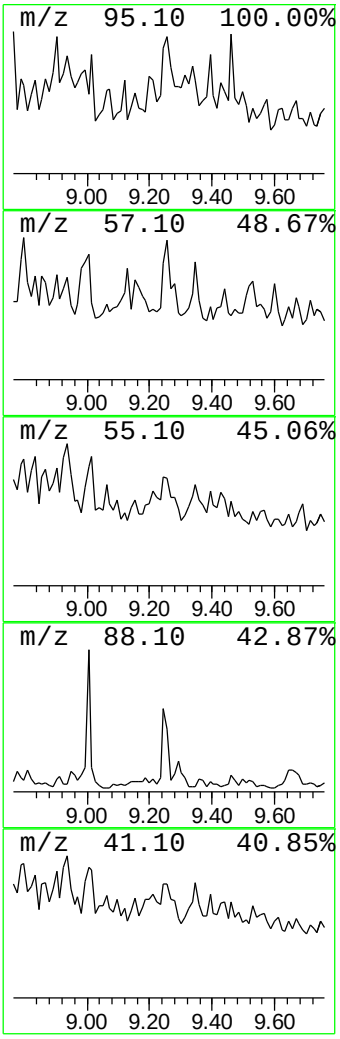
Peak Number 16 unknown9.26 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	13.57 ng	1403190	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	43
2	1-Propanone, 1-(2-furanyl)-	124	C7H8O2	003194-15-8	38
3	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	38
4	2-Decyne	138	C10H18	002384-70-5	35
5	Cyclopropanecarboxylic acid, 3-e...	140	C8H12O2	067528-58-9	32





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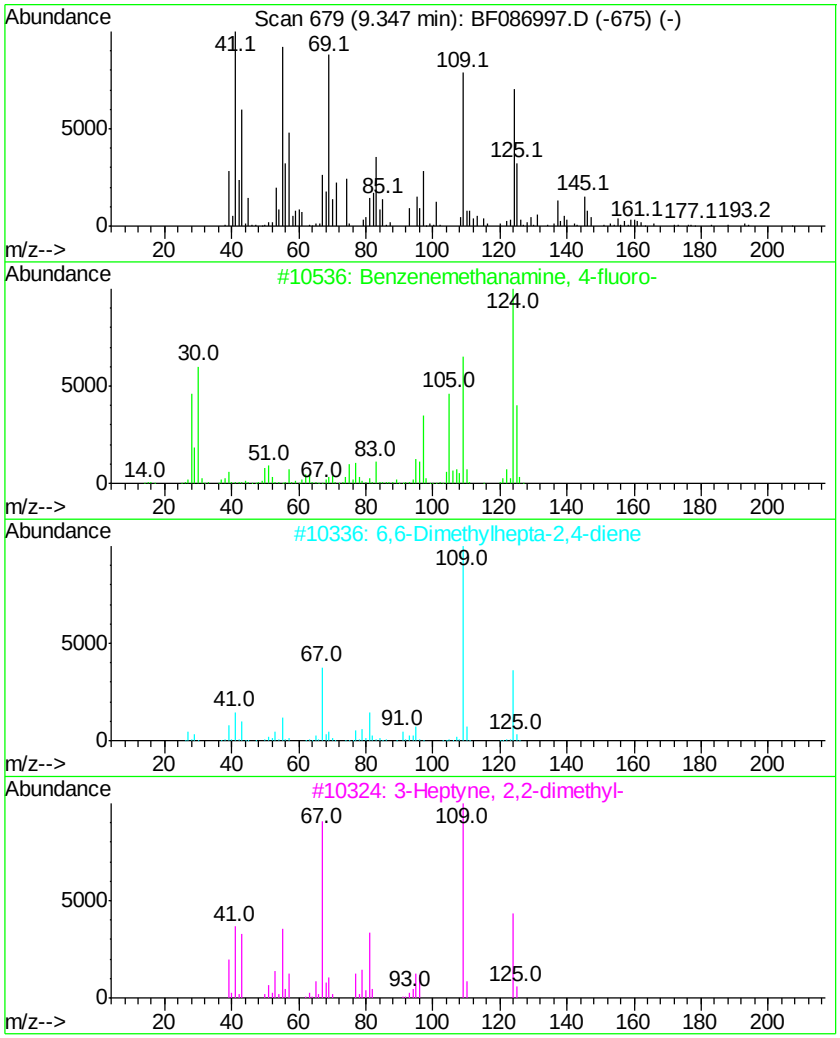
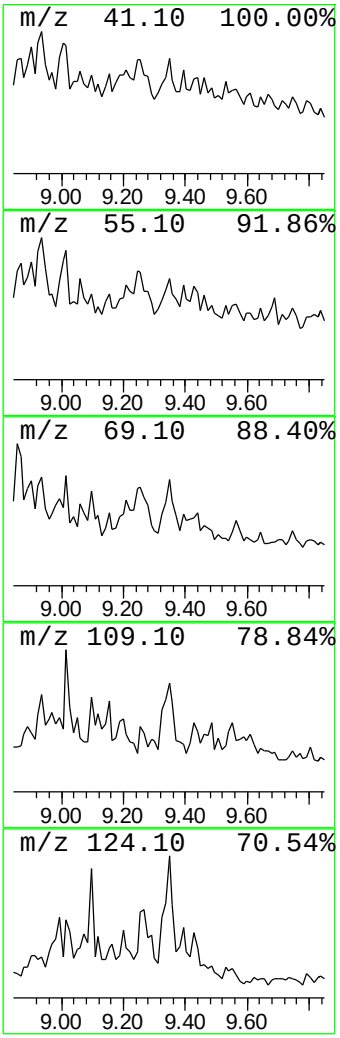
Peak Number 17 unknown9.35 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	13.43 ng	1388540	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, 4-fluoro-	125	C7H8FN	000140-75-0	38
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	38
3	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	38
4	Mequinol	124	C7H8O2	000150-76-5	27
5	6-Dodecanol	186	C12H26O	006836-38-0	22





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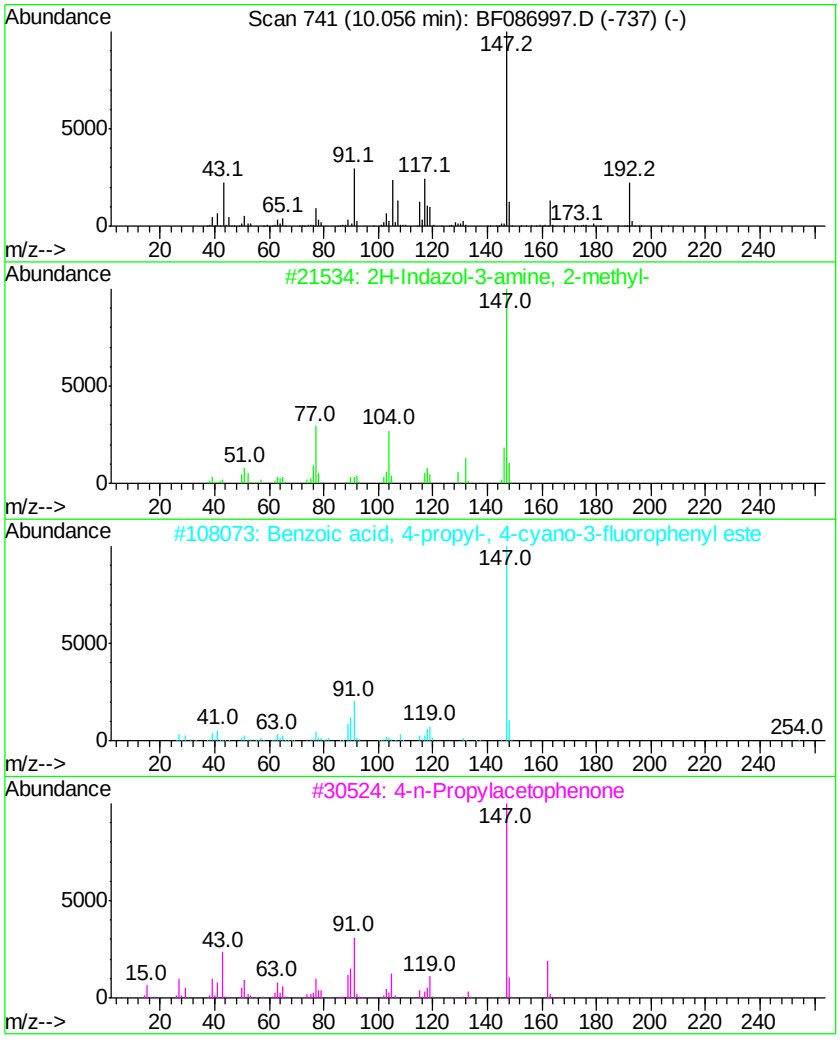
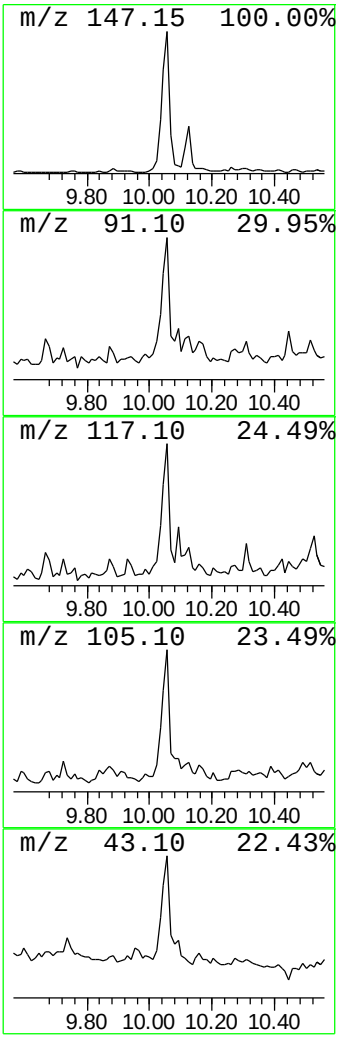
Peak Number 18 unknown10.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	46.58 ng	4817790	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
3	4-n-Propylacetophenone	162	C11H14O	002932-65-2	40
4	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	40
5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	38





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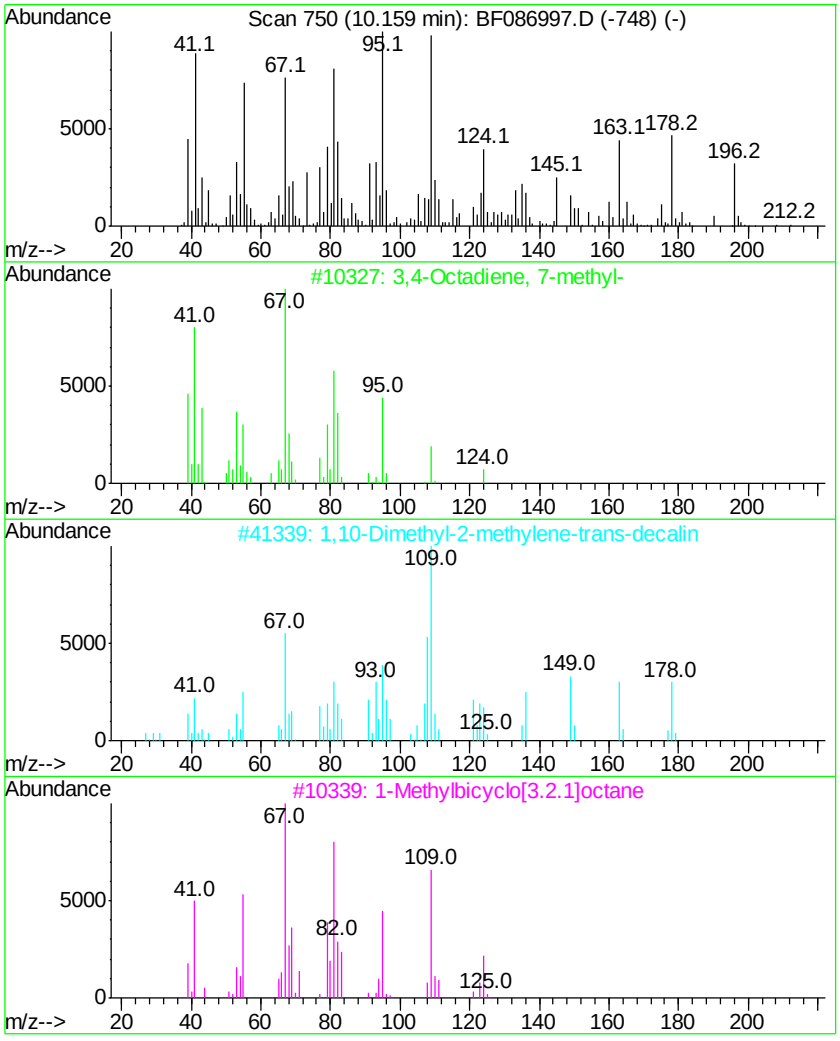
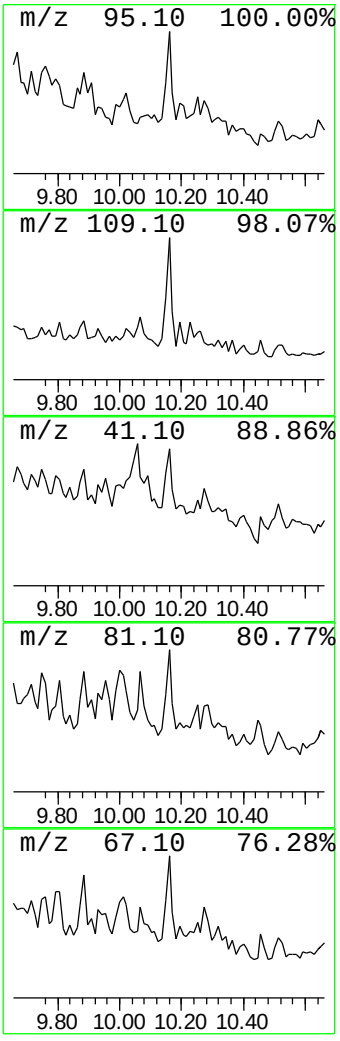
Peak Number 19 3,4-Octadiene, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	16.13 ng	1668690	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	78
2	1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	50
3	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	49
4	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	43
5	cis-Bicyclo[2.2.1]heptane, 2,3-d...	124	C9H16	1000262-02-5	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086997.D
Acq On : 14 May 2016 4:09
Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

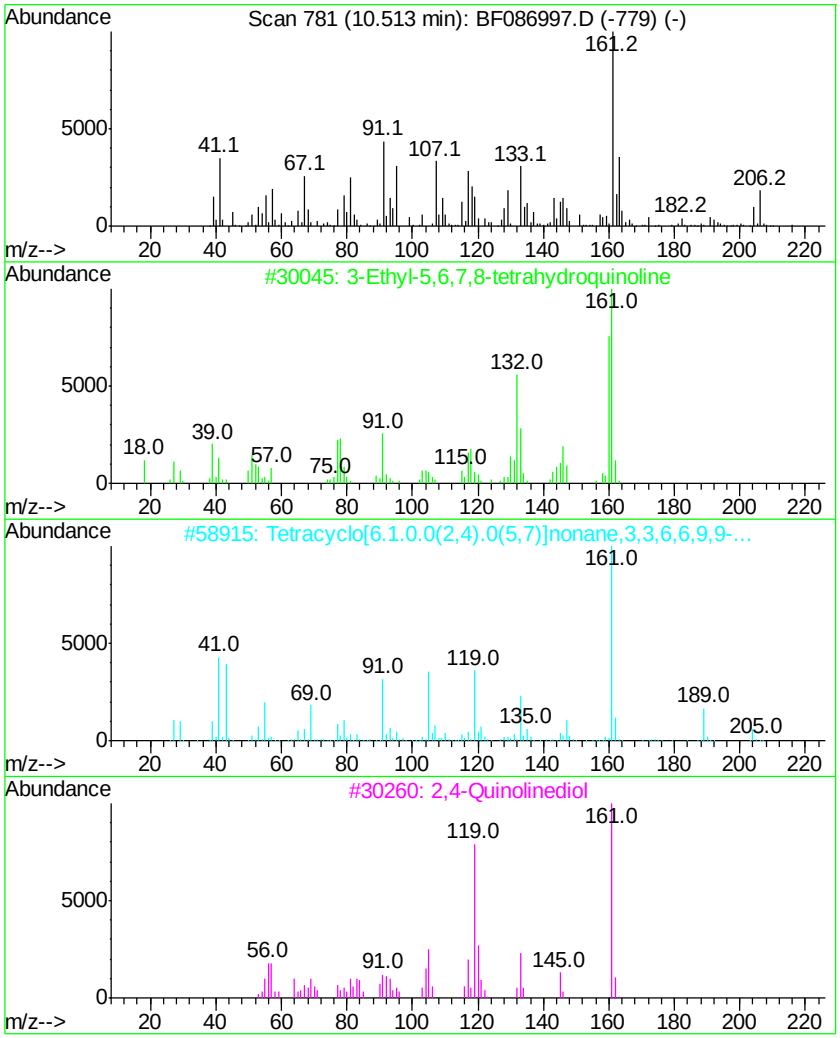
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

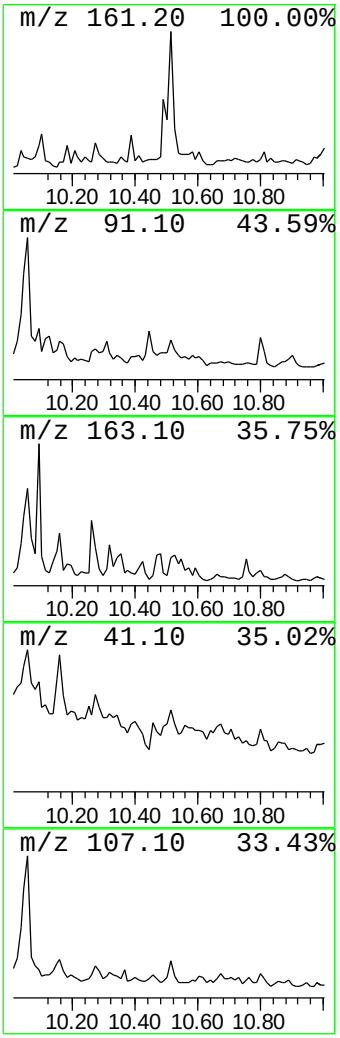
****

Peak Number 20 unknown10.51 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	13.01 ng	933365	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-5,6,7,8-tetrahydroquinoline	161	C11H15N	028971-02-0	43
2	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	43
3	2,4-Quinolinediol	161	C9H7NO2	000086-95-3	38
4	2-Aminocycloheptaimidazol-6-ol	161	C8H7N3O	091983-41-4	38
5	2-Hexen-1-one, 1-(2-hydroxy-5-me...	204	C13H16O2	041873-82-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086997.D
Acq On : 14 May 2016 4:09
Operator : UM/SJ
Sample : H2966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.39	6.39	41.7	ng	3771250	1	6.62	1809460	20.0
Cyclohexanecarbox...	7.13	18.1	ng	1632740	1	6.62	1809460	20.0
Cyclohexane, 1-me...	7.63	15.9	ng	1803420	2	7.90	2275460	20.0
unknown8.15	8.15	27.2	ng	3095490	2	7.90	2275460	20.0
unknown8.27	8.27	32.7	ng	3719520	2	7.90	2275460	20.0
unknown8.43	8.43	38.4	ng	4369870	2	7.90	2275460	20.0
unknown8.56	8.56	17.5	ng	1996000	2	7.90	2275460	20.0
4,7-Methano-1H-in...	8.60	23.0	ng	2613290	2	7.90	2275460	20.0
2(1H)-Naphthaleno...	8.68	27.4	ng	3120100	2	7.90	2275460	20.0
unknown8.75	8.75	13.4	ng	1528600	2	7.90	2275460	20.0
unknown8.80	8.80	13.8	ng	1428700	3	9.66	2068570	20.0
unknown8.90	8.90	12.2	ng	1259440	3	9.66	2068570	20.0
unknown9.21	9.21	12.7	ng	1312270	3	9.66	2068570	20.0
unknown9.26	9.26	13.6	ng	1403190	3	9.66	2068570	20.0
unknown9.35	9.35	13.4	ng	1388540	3	9.66	2068570	20.0
unknown10.06	10.06	46.6	ng	4817790	3	9.66	2068570	20.0
3,4-Octadiene, 7-...	10.16	16.1	ng	1668690	3	9.66	2068570	20.0
unknown10.51	10.51	13.0	ng	933365	4	11.13	1434500	20.0