LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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-BF052316.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	2.193	51	53	61	rVB	25946	60885	1.60%	0.104%
2	4.719	272	274	296	rVB	52624	272854	7.17%	0.464%
3	5.107	305	308	312	rBV	18686	41038	1.08%	0.070%
4	5.404	333	334	340	rBV2	412645	1135263	29.84%	1.932%
5	5.496	340	342	349	rVB	132460	325662	8.56%	0.554%
6	5.770	361	366	371	rBV3	48406	143760	3.78%	0.245%
7	5.987	381	385	388	rBV	21695	45882	1.21%	0.078%
8	6.250	406	408	414	rBV	120162	223531	5.88%	0.380%
9	6.342	414	416	422	rVB	22721	44055	1.16%	0.075%
10	6.867	459	462	465	rBV	120821	235165	6.18%	0.400%
11	6.924	465	467	472	rVB2	37356	84252	2.21%	0.143%
12	7.016	472	475	481	rBV2	41276	98926	2.60%	0.168%
13	7.107	481	483	485	rBV	239535	430201	11.31%	0.732%
14	7.142	485	486	490	rBV	1123499	2377936	62.51%	4.048%
15	7.404	505	509	511	rBV4	46868	118288	3.11%	0.201%
16	7.484	513	516	522	rVB	386256	787392	20.70%	1.340%
17	7.565	522	523	527	rVB	111155	153542	4.04%	0.261%
18	7.633	527	529	532	rVB	47896	68524	1.80%	0.117%
19	7.702	533	535	543	rBV	1938549	2828308	74.35%	4.814%
20	7.816	543	545	547	rBV	61447	88741	2.33%	0.151%
21	7.885	547	551	553	rBV3	83415	204764	5.38%	0.349%
22	8.033	560	564	569	rBV2	172562	391873	10.30%	0.667%
23	8.102	569	570	572	rVB	42359	42173	1.11%	0.072%
24	8.182	574	577	580	rBV	475916	694595	18.26%	1.182%
25	8.250	580	583	585	rBV	180421	307822	8.09%	0.524%
26	8.296	585	587	591	rVB2	281802	482355	12.68%	0.821%
27	8.365	591	593	594	rBV2	144758	204956	5.39%	0.349%
28	8.399	594	596	599	rVV	1719148	2161306	56.81%	3.679%
29	8.490	602	604	607	rVB3	119208	167080	4.39%	0.284%
30	8.559	607	610	612	rBV2	83167	165416	4.35%	0.282%
31	8.605	612	614	619	rVB4	211289	516841	13.59%	0.880%
32	8.685	619	621	622	rBV	31443	42469	1.12%	0.072%
33	8.776	625	629	630	rBV2	114126	269574	7.09%	0.459%
34	8.799	630	631	634	rVB2	244260	259189	6.81%	0.441%

LSC Area Percent Report

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Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.856	634	636	639	rVB	254292	354003	9.31%	0.603%
36	8.902	639	640	642	rVB	101880	81009	2.13%	0.138%
37	8.970	645	646	648	rBV2	76466	120884	3.18%	0.206%
38	9.016	648	650	654	rVB2	103819	185754	4.88%	0.316%
39	9.096	655	657	661	rBV2	291650	558967	14.69%	0.951%
40	9.153	661	662	665	rVB2	131091	189622	4.98%	0.323%
41	9.256	669	671	678	rVB3	135635	536275	14.10%	0.913%
42	9.359	678	680	681	rBV	81638	132168	3.47%	0.225%
43	9.393	681	683	684	rBV	207296	296757	7.80%	0.505%
44	9.428	684	686	688	rVB2	302750	413085	10.86%	0.703%
45	9.473	688	690	691	rBV	108273	147110	3.87%	0.250%
46	9.519	691	694	699	rBV3	492142	1265788	33.27%	2.155%
47	9.610	699	702	703	rBV2	117750	189529	4.98%	0.323%
48	9.725	709	712	714	rBV2	164246	361568	9.50%	0.615%
49	9.759	714	715	719	rVB	179206	262734	6.91%	0.447%
50	9.828	719	721	724	rVB2	98398	203002	5.34%	0.346%
51	9.908	724	728	729	rBV3	208280	455843	11.98%	0.776%
52	10.056	737	741	743	rBV3	259151	527799	13.87%	0.898%
53	10.136	745	748	749	rVV2	257382	494608	13.00%	0.842%
54	10.170	749	751	752	rVB2	118264	124989	3.29%	0.213%
55	10.216	752	755	758	rVB	243441	395572	10.40%	0.673%
56	10.273	758	760	762	rBV	177362	315538	8.29%	0.537%
57	10.353	762	767	774	rVV	1288758	2619344	68.85%	4.459%
58	10.502	777	780	783	rVB	838389	1351590	35.53%	2.301%
59	10.593	785	788	790	rBV4	262485	496505	13.05%	0.845%
60	10.673	792	795	797	rBV2	246073	308969	8.12%	0.526%
61	10.833	805	809	811	rBV2	317615	643891	16.93%	1.096%
62	10.971	819	821	825	rBV4	92470	174041	4.57%	0.296%
63	11.039	825	827	830	rVB2	166761	237917	6.25%	0.405%
64	11.119	830	834	837	rBV2	589367	1495867	39.32%	2.546%
65	11.176	837	839	840	rVB	700159	836636	21.99%	1.424%
66	11.222	840	843	845	rVB2	165046	272433	7.16%	0.464%
67	11.291	846	849	850	rBV	2814208	3804180	100.00%	6.476%
68	11.416	858	860	862	rVB	179583	229054	6.02%	0.390%
69	11.462	862	864	866	rBV2	144092	200574	5.27%	0.341%
70	11.542	869	871	877	rVB3	640658	1340581	35.24%	2.282%
71	11.633	877	879	881	rBV2	226336	337608	8.87%	0.575%

LSC Area Percent Report

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Data File : BF087566.D
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Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.691	881	884	885	rBV	229615	378426	9.95%	0.644%
73	11.794	891	893	895	rVB	356772	458016	12.04%	0.780%
74	11.874	895	900	902	rBV2	415643	1016290	26.72%	1.730%
75	11.942	902	906	908	rBV3	268475	766460	20.15%	1.305%
76	12.114	919	921	927	rVB2	302888	607511	15.97%	1.034%
77	12.342	936	941	945	rBV2	709670	1588663	41.76%	2.704%
78	12.411	945	947	953	rVB4	258581	767290	20.17%	1.306%
79	12.582	960	962	965	rBV3	159526	364129	9.57%	0.620%
80	12.708	969	973	975	rBV4	128078	338372	8.89%	0.576%
81	12.822	981	983	985	rVB2	152226	204095	5.37%	0.347%
82	12.994	996	998	1000	rBV	232016	298652	7.85%	0.508%
83	13.394	1030	1033	1034	rBV3	150726	340348	8.95%	0.579%
84	13.474	1037	1040	1043	rVV3	257046	710090	18.67%	1.209%
85	13.531	1043	1045	1047	rVB	701815	896365	23.56%	1.526%
86	13.657	1053	1056	1059	rBV2	1846372	3061371	80.47%	5.211%
87	13.771	1064	1066	1071	rBV4	190387	561309	14.76%	0.955%
88	14.034	1087	1089	1091	rVB	188993	229038	6.02%	0.390%
89	14.125	1094	1097	1100	rBV	480299	1104181	29.03%	1.880%
90	14.502	1128	1130	1132	rBV	248982	442140	11.62%	0.753%
91	14.560	1132	1135	1137	rVB	972699	1713405	45.04%	2.917%
92	14.628	1139	1141	1143	rBV2	228254	405435	10.66%	0.690%
93	14.674	1143	1145	1150	rVB2	238296	410150	10.78%	0.698%
94	14.765	1151	1153	1156	rBV	502265	643551	16.92%	1.095%
95	17.097	1355	1357	1360	rBV	2450253	2820640	74.15%	4.801%
96	18.480	1476	1478	1489	rVB2	258532	662370	17.41%	1.127%
97	20.183	1624	1627	1639	rBV	162607	522343	13.73%	0.889%

Sum of corrected areas: 58747052

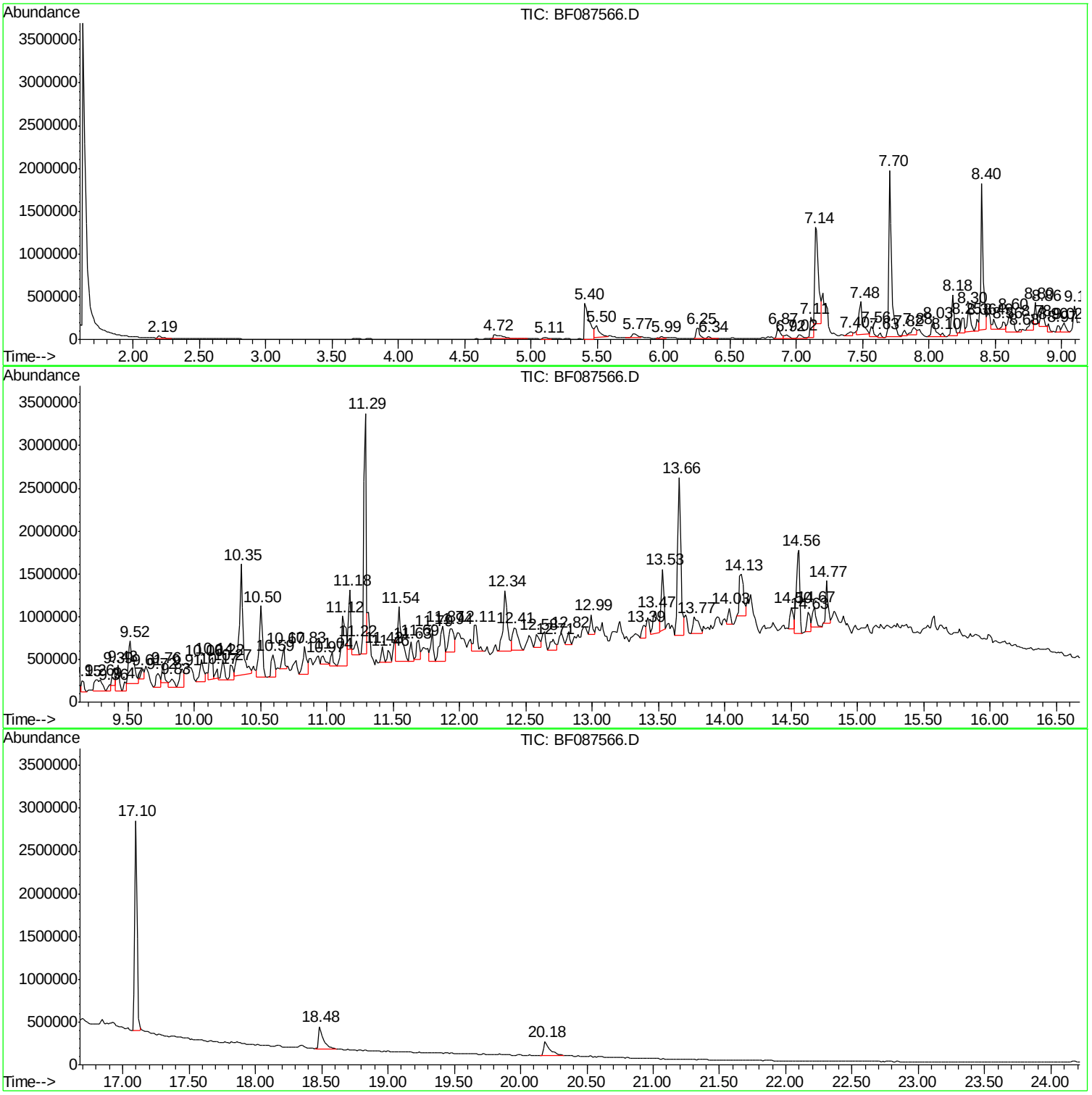
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

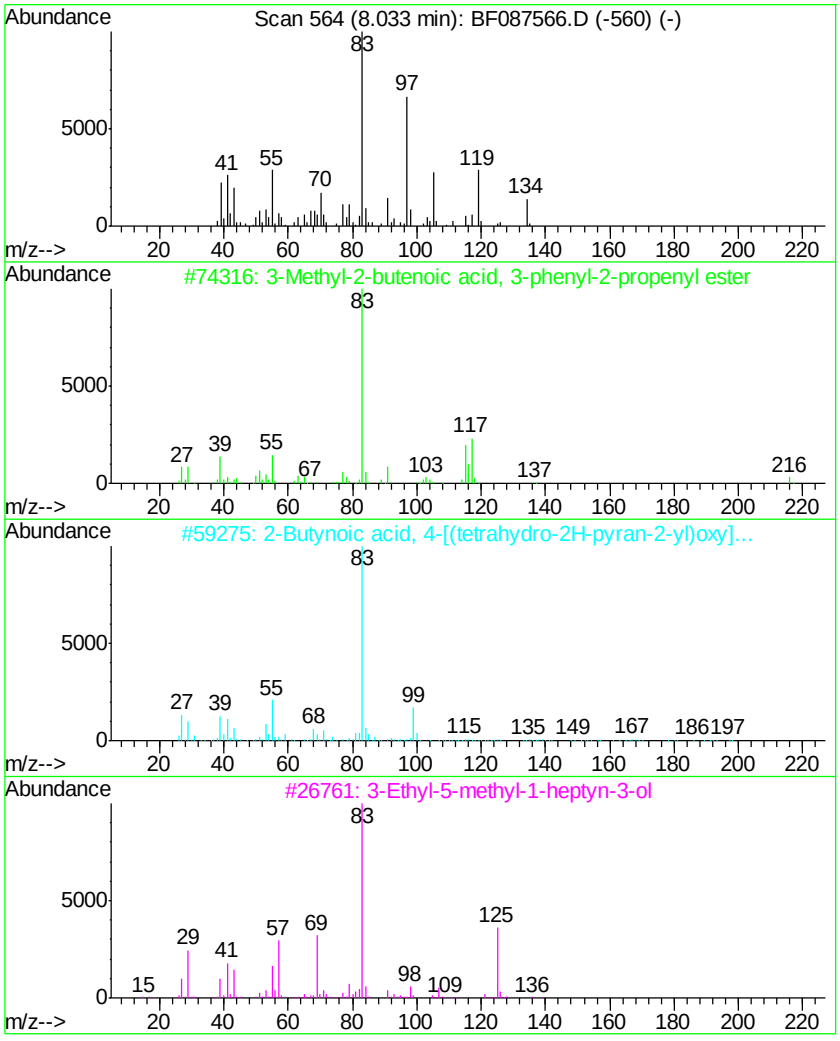
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

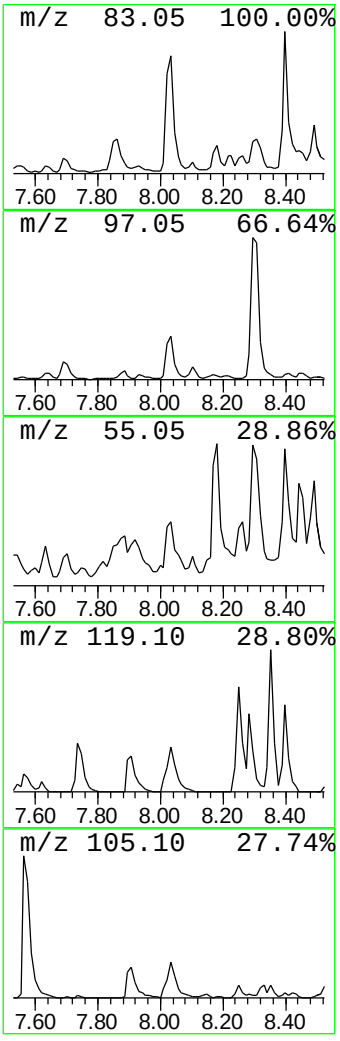
****

Peak Number 2 unknown8.03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	9.95 ng	391873	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-butenoic acid, 3-phen...	216	C14H16O2	056500-41-5	38
2	2-Butynoic acid, 4-[(tetrahydro-...	198	C10H14O4	069511-49-5	35
3	3-Ethyl-5-methyl-1-heptyn-3-ol	154	C10H18O	207974-16-1	35
4	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	35
5	Trichloromethane	118	CHCl3	000067-66-3	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

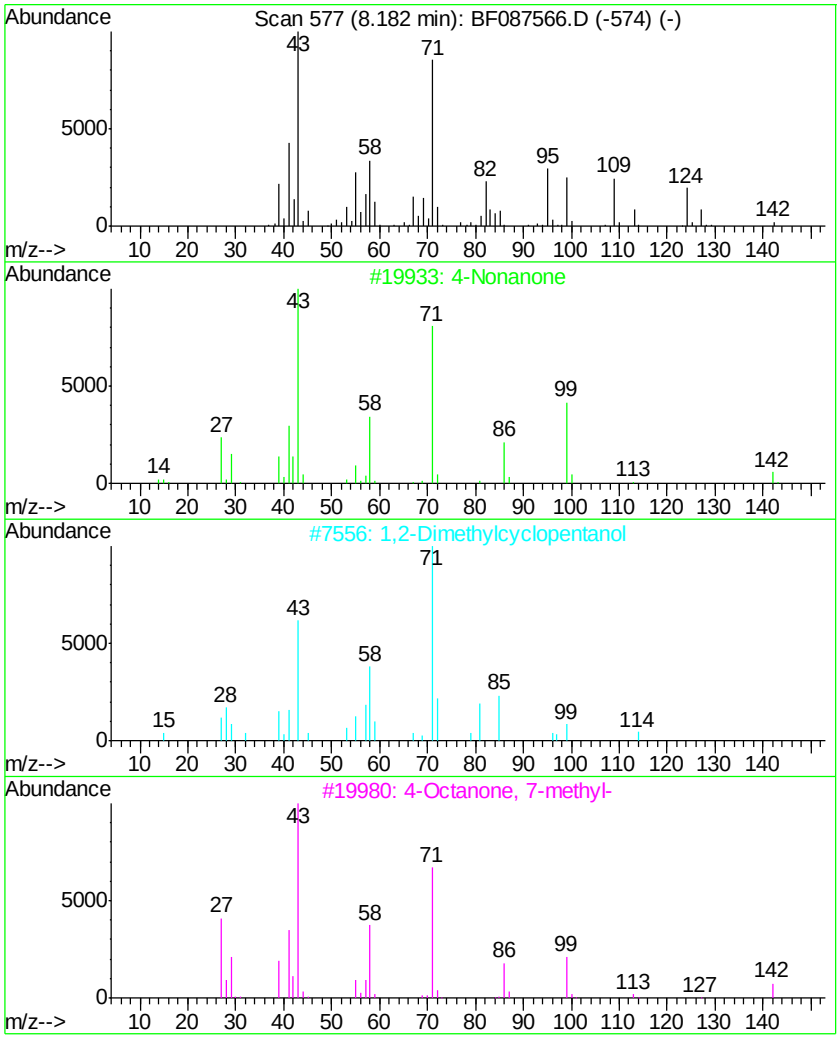
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

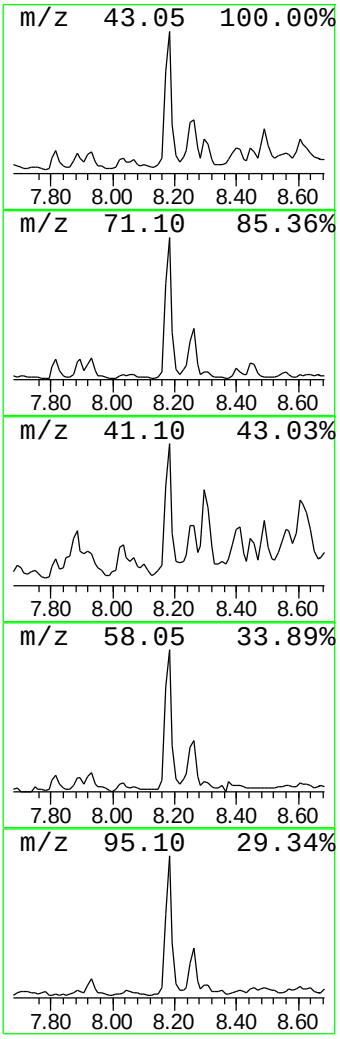
****

Peak Number 3 unknown8.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	17.64 ng	694595	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone	142	C9H18O	004485-09-0	43
2	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	38
3	4-Octanone, 7-methyl-	142	C9H18O	020809-46-5	38
4	Cycloheptane, 1,3-dimethoxy-, cis-	158	C9H18O2	030363-90-7	37
5	3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	32





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Data File : BF087566.D
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Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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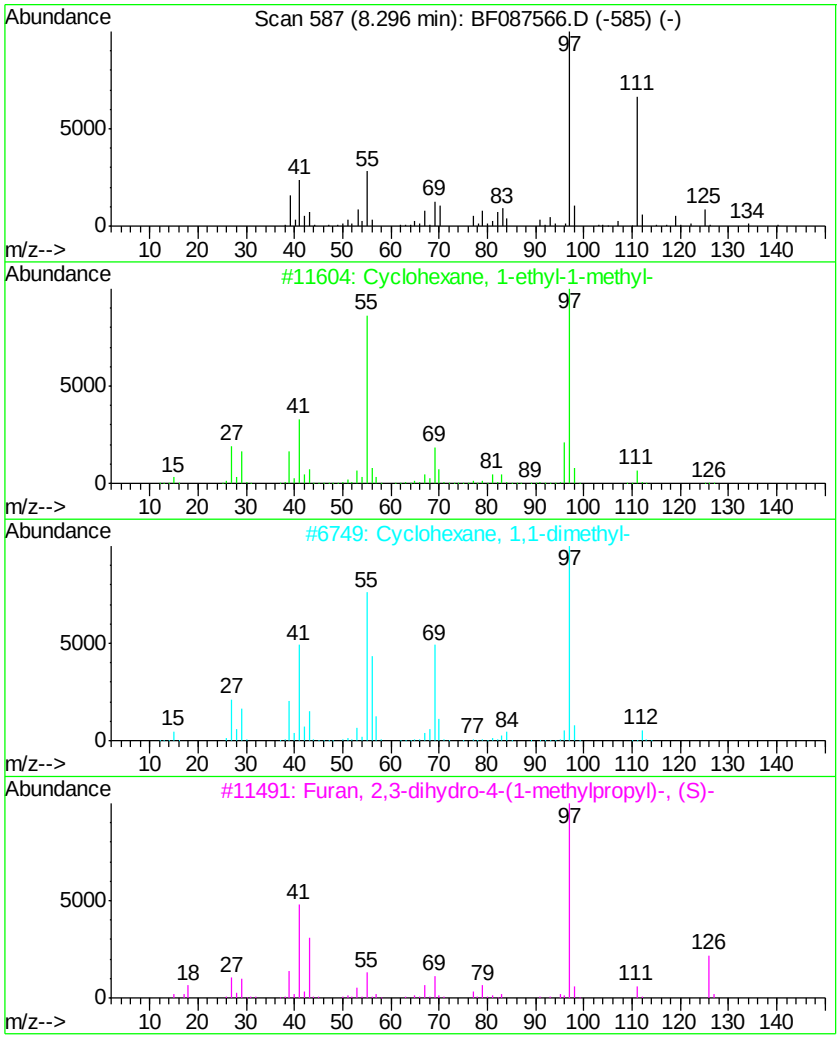
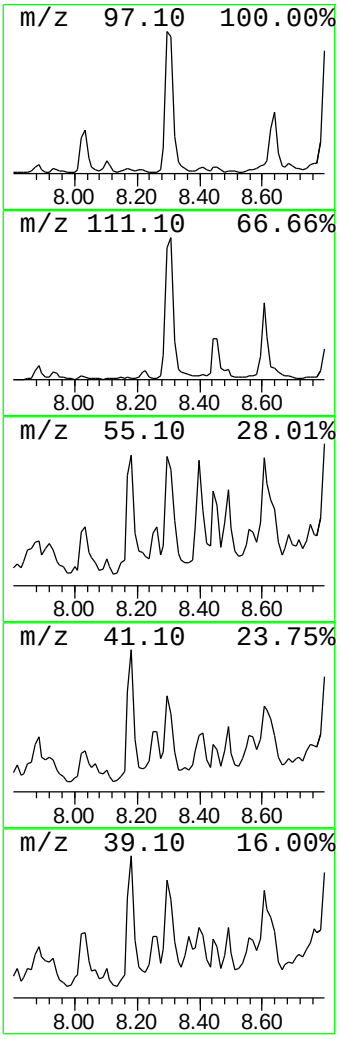
Peak Number 4 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	12.25 ng	482355	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
3	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	47
4	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	38
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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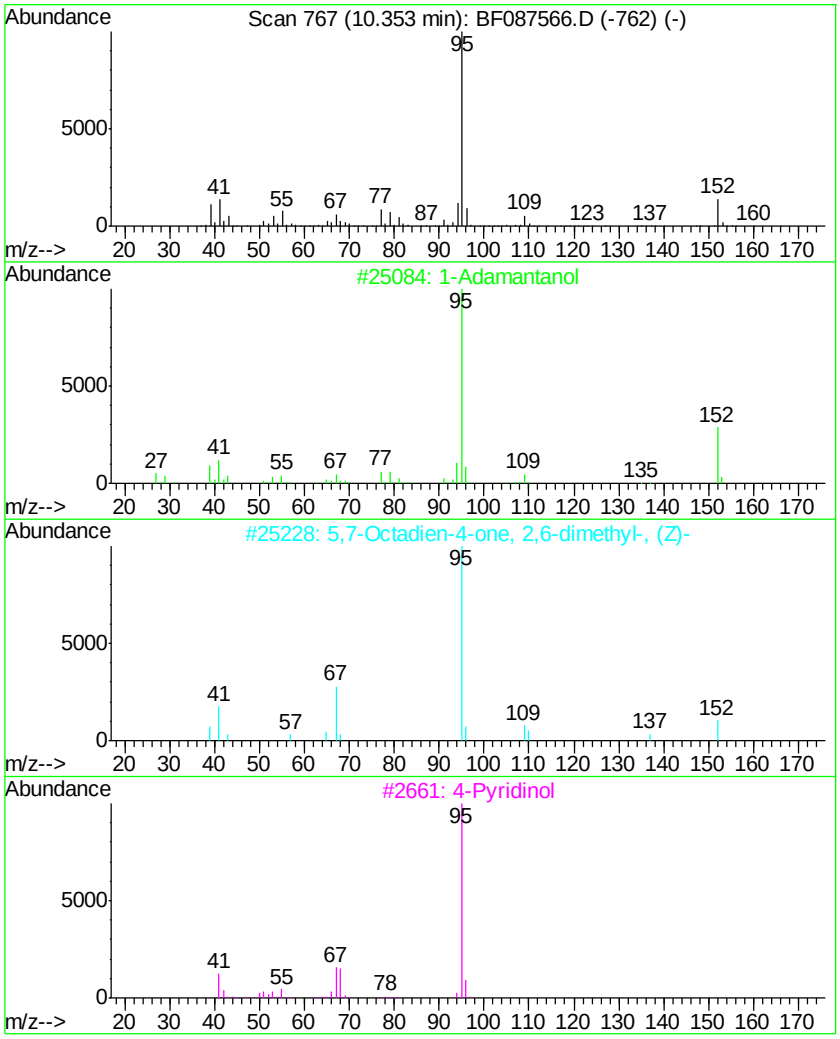
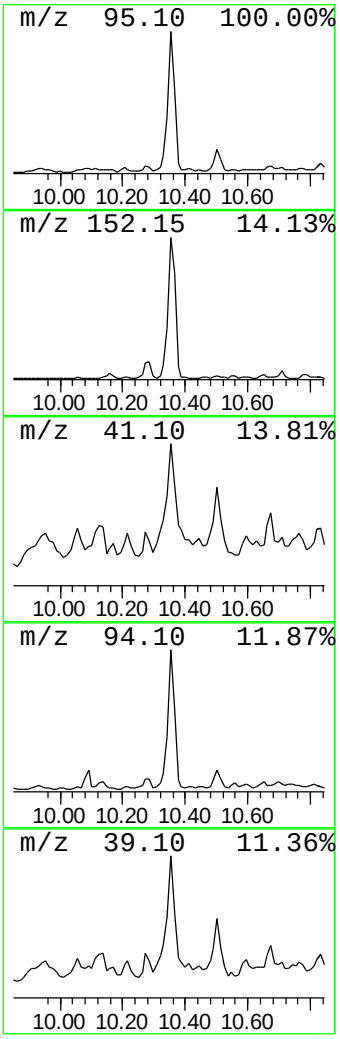
Peak Number 5 1-Adamantanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	41.39 ng	2619340	Naphthalene-d8	9.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	91
2	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	59
3	4-Pyridinol	95	C5H5NO	000626-64-2	50
4	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	45
5	2-Pyrimidinamine	95	C4H5N3	000109-12-6	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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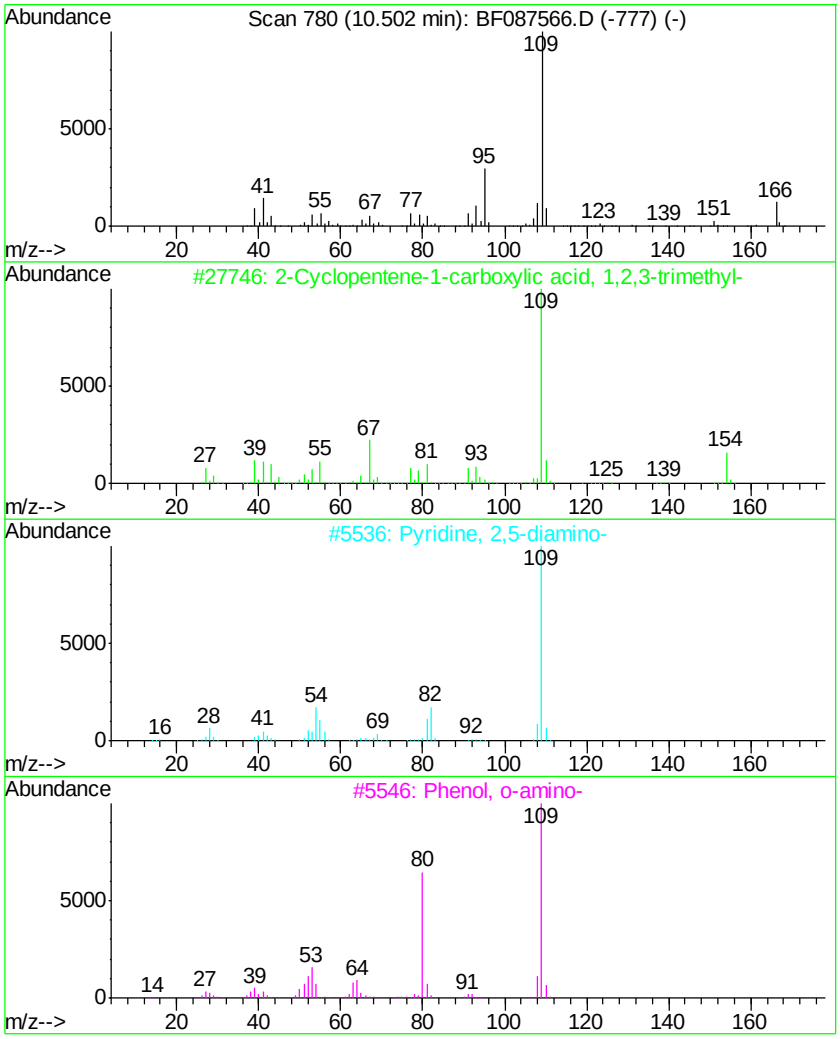
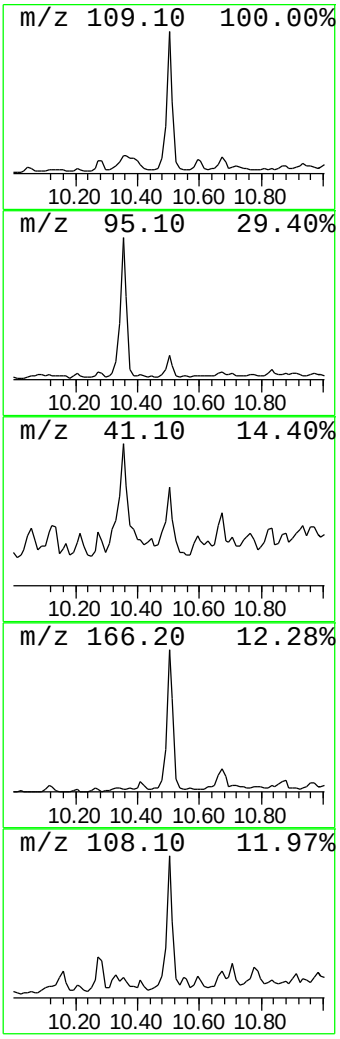
Peak Number 6 2-Cyclopentene-1-carboxylic... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	21.36 ng	1351590	Naphthalene-d8	9.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	53
2	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	52
3	Phenol, o-amino-	109	C6H7NO	000095-55-6	52
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	50
5	(1,2,3-Trimethyl-cyclopent-2-eny...	140	C9H16O	1000190-91-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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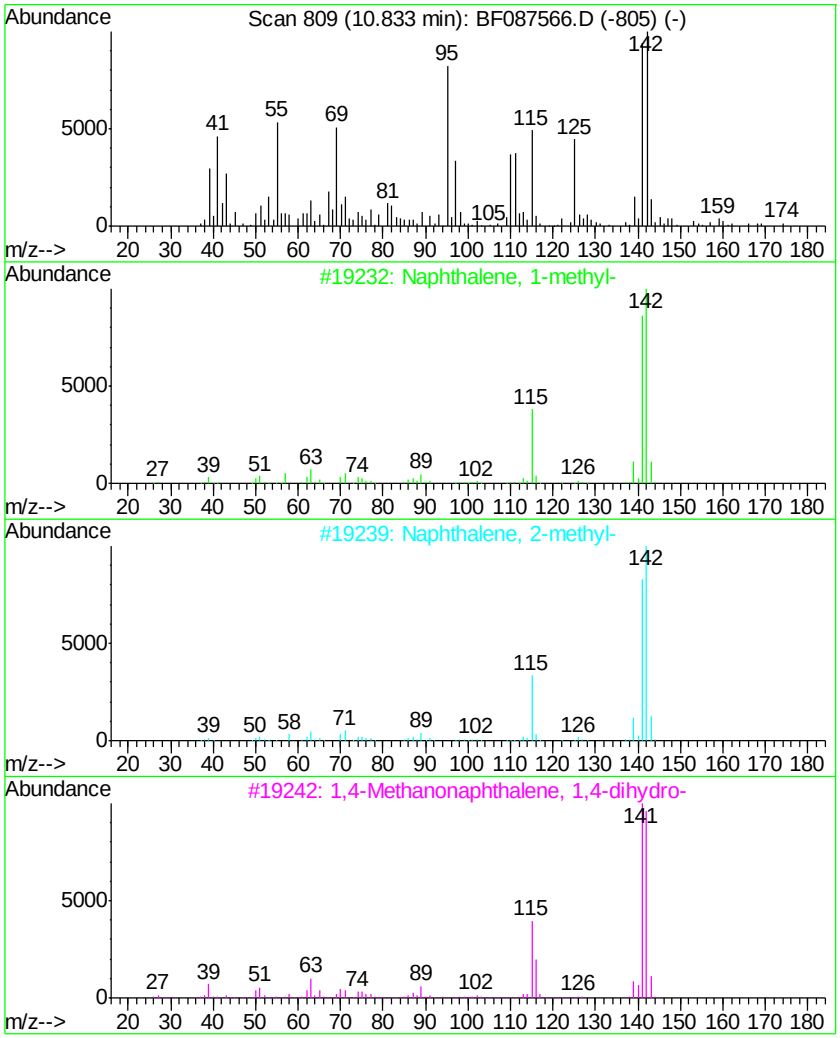
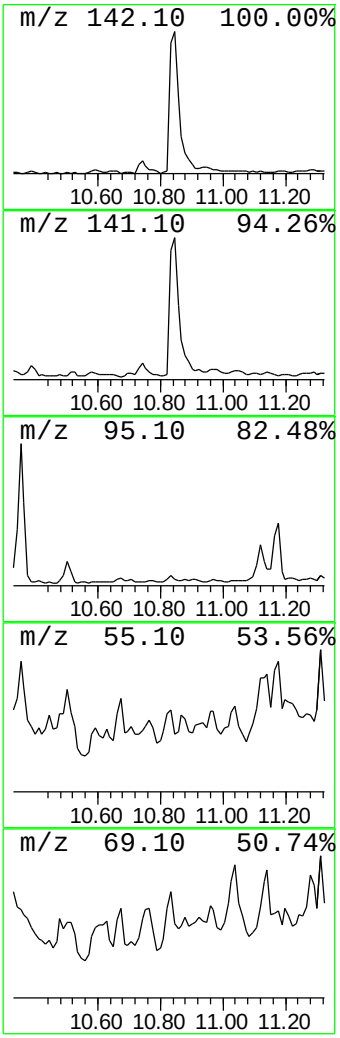
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	10.17 ng	643891	Naphthalene-d8	9.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70
4	Benzocycloheptatriene	142	C11H10	000264-09-5	50
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	38





Library Search Compound Report

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Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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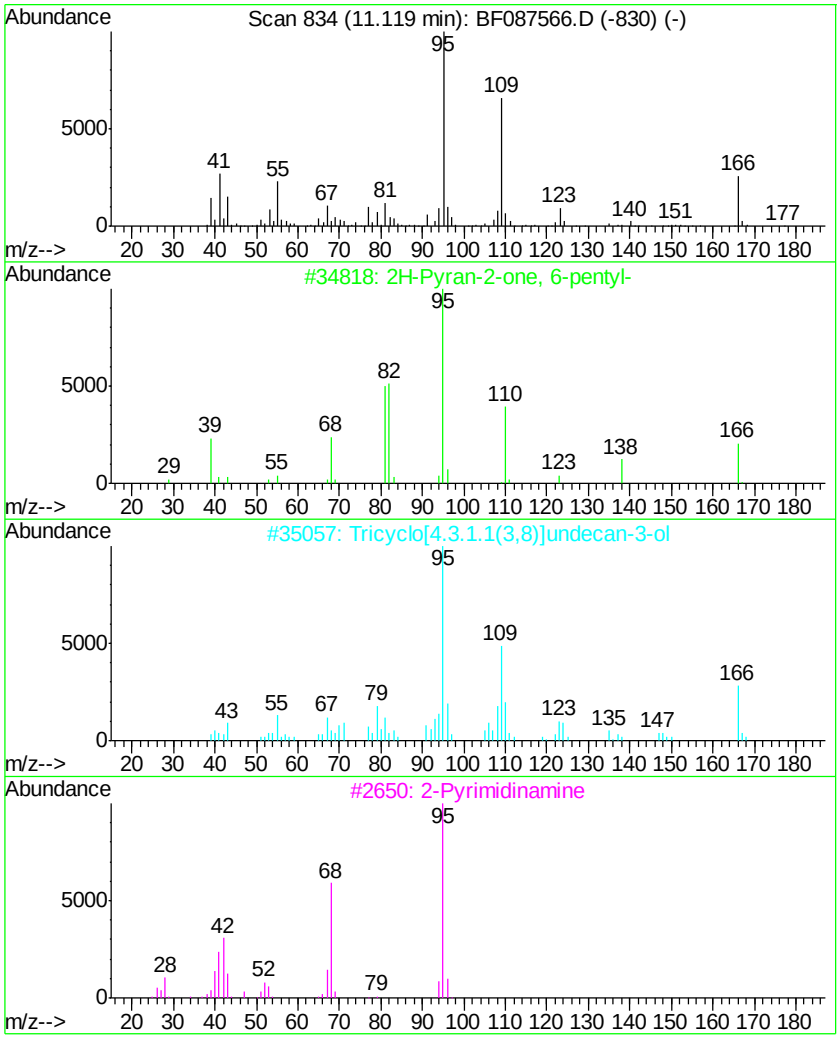
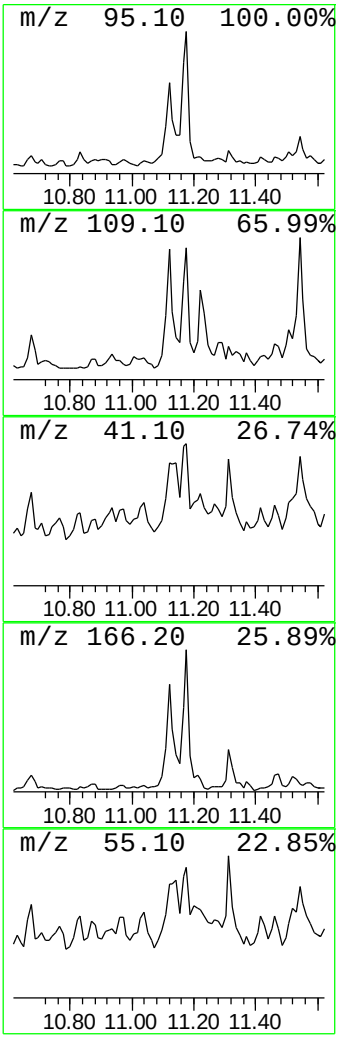
Peak Number 8 unknown11.12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	18.83 ng	1495870	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 6-pentyl-	166	C10H14O2	027593-23-3	49
2	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	45
3	2-Pyrimidinamine	95	C4H5N3	000109-12-6	43
4	Cyclopropanecarboxylic acid, 3-e...	168	C10H16O2	060066-50-4	43
5	Bicyclo[2.2.1]heptane, 2-(1-meth...	152	C11H20	074663-93-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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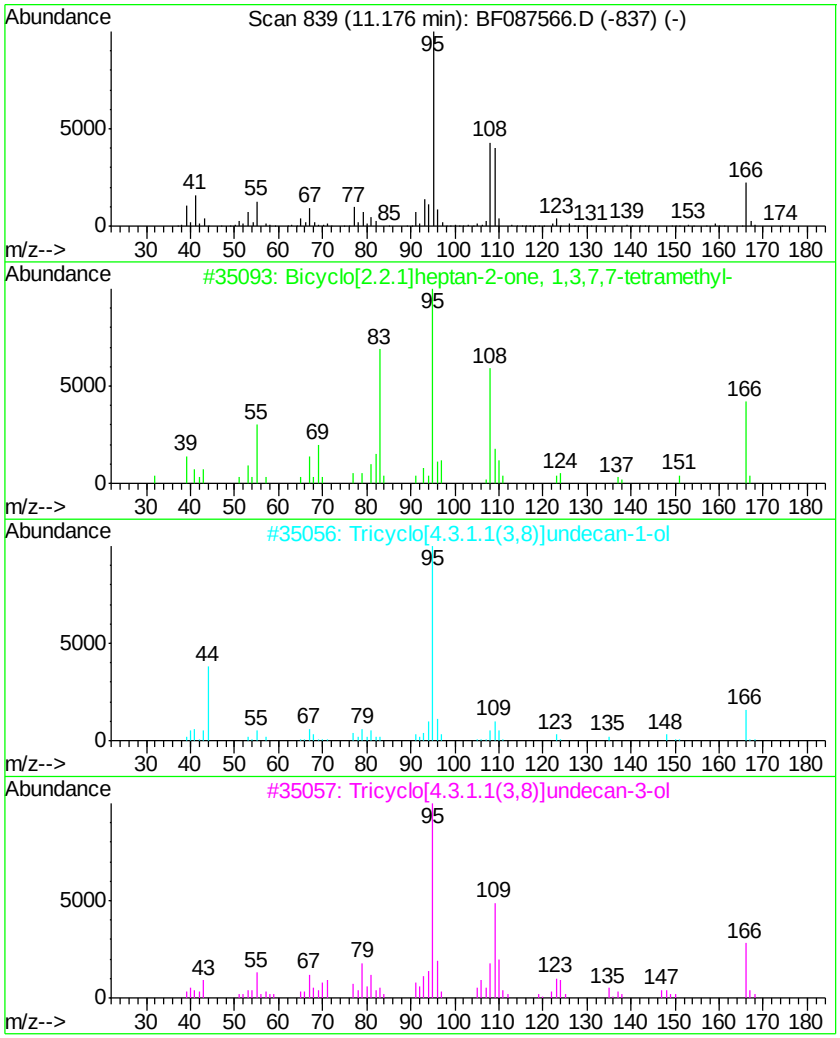
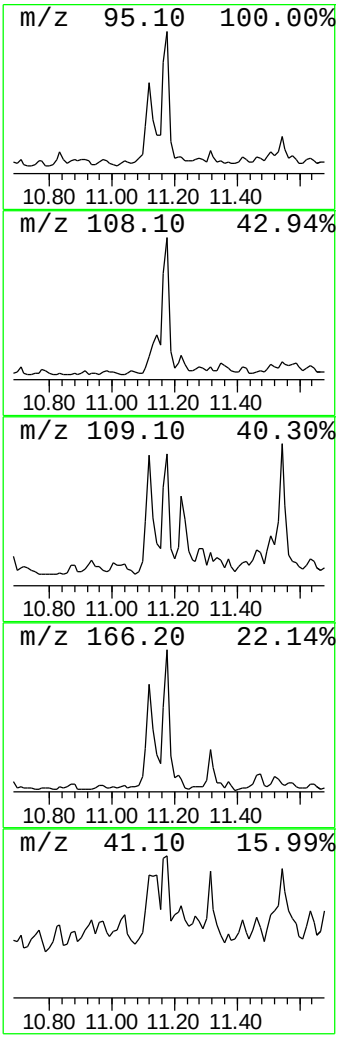
Peak Number 9 unknown11.18 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	10.53 ng	836636	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	166	C11H18O	005811-48-3	43
2	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	38
3	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	36
4	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	35
5	Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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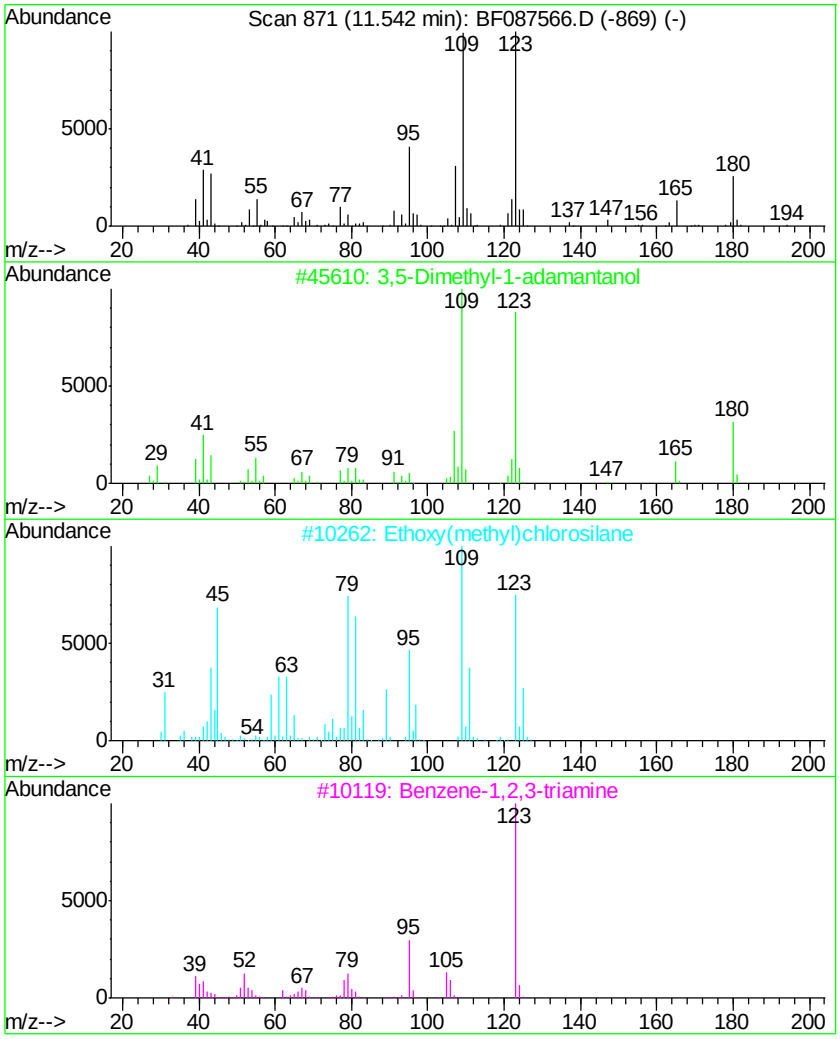
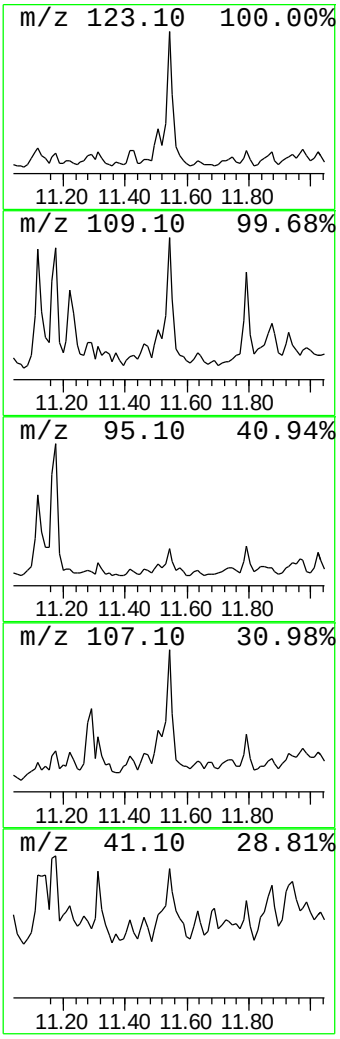
Peak Number 10 3,5-Dimethyl-1-adamantanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	16.88 ng	1340580	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	87
2	Ethoxy(methyl)chlorosilane	124	C3H9ClOSi	018191-33-8	58
3	Benzene-1,2,3-triamine	123	C6H9N3	1000316-45-3	35
4	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	35
5	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-92-0	35





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TIC Library : C:\Database\NIST11.L
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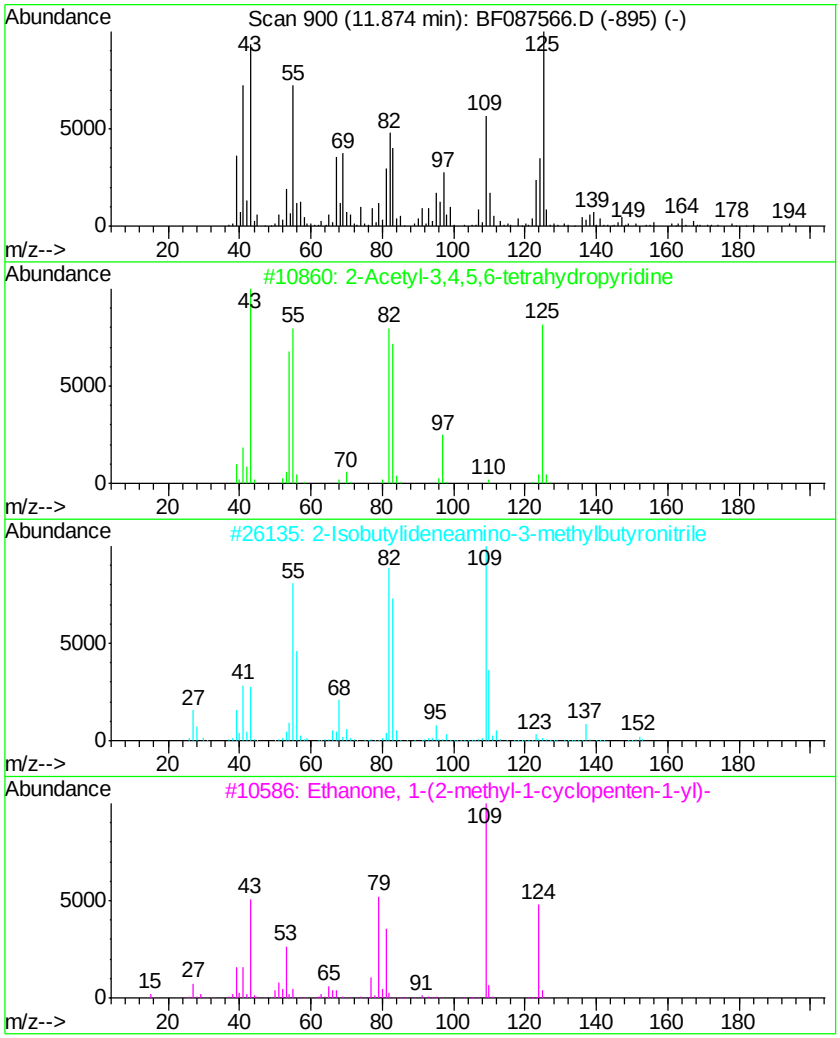
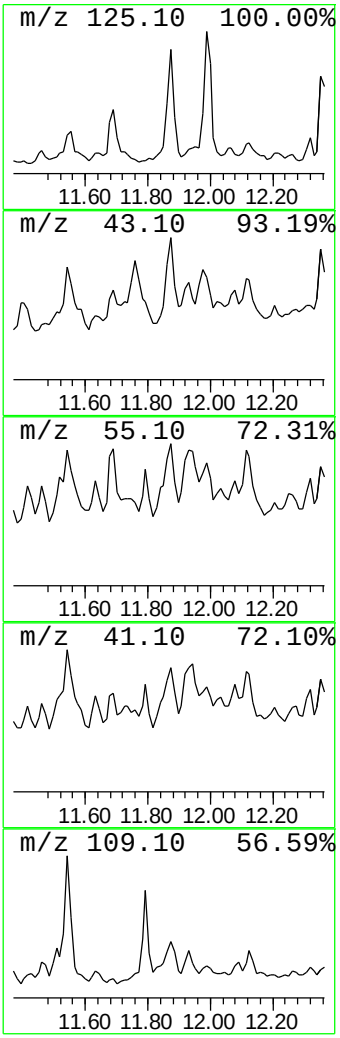
Peak Number 11 unknown11.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	12.79 ng	1016290	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-3,4,5,6-tetrahydropyridine	125	C7H11NO	027300-27-2	47
2	2-Isobutylideneamino-3-methylbut...	152	C9H16N2	125213-17-4	35
3	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	25
4	2(1H)-Pyridinone, 4-hydroxy-6-me...	125	C6H7NO2	003749-51-7	25
5	4(3H)-Pyrimidinone, 6-amino-2-me...	125	C5H7N3O	1000338-09-8	22





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ClientSampleId : MW-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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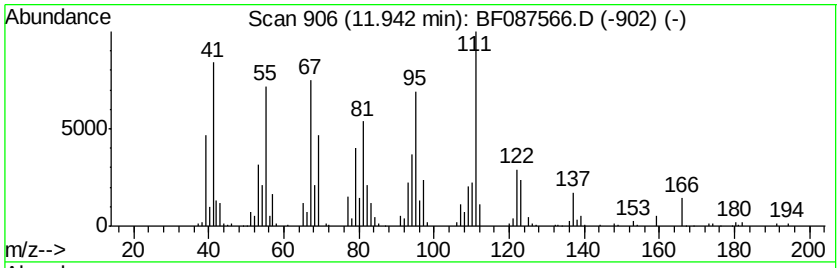
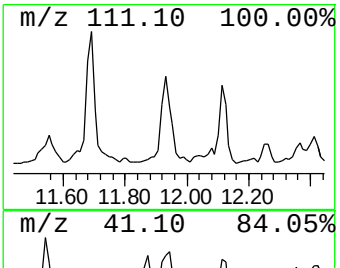
Peak Number 12 unknown11.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	9.65 ng	766460	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-3-vinyloxy-	138	C9H14O	100144-30-7	43
2	5-Hexenal, 4-methylene-	110	C7H10O	017844-21-2	38
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	30
4	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	30
5	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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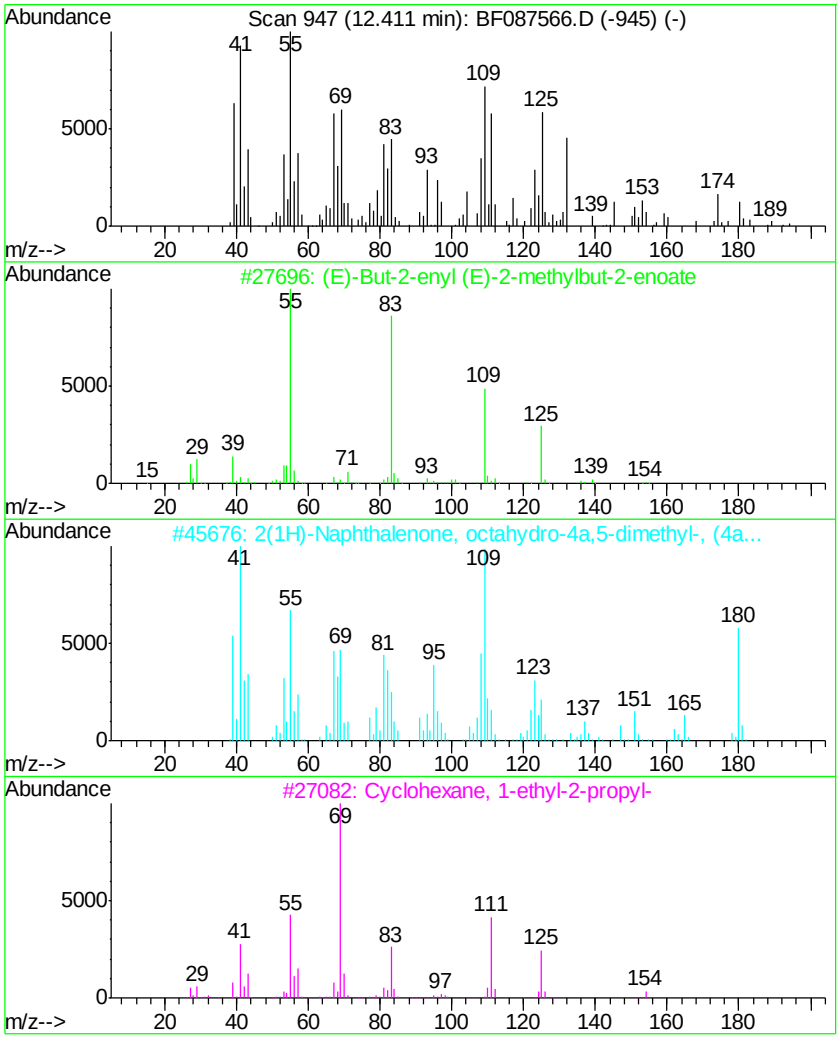
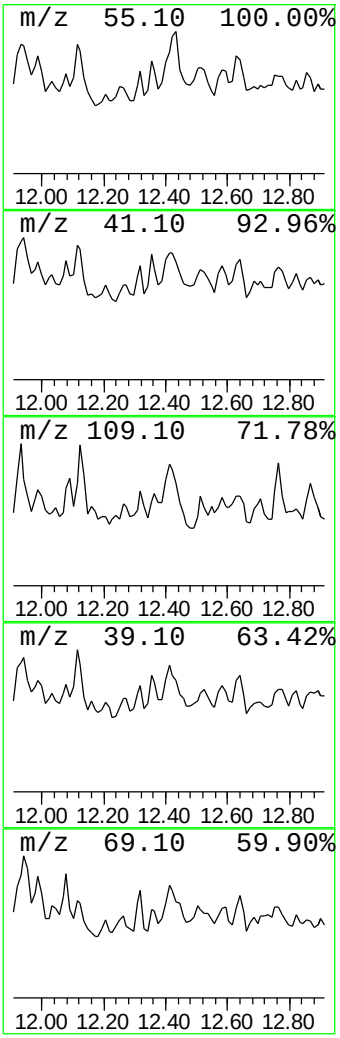
Peak Number 13 unknown12.41 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	9.66 ng	767290	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-But-2-enyl (E)-2-methylbut-2...	154	C9H14O2	1000373-71-7	30
2	2(1H)-Naphthalenone, octahydro-4...	180	C12H20O	051557-64-3	25
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	15
4	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	15
5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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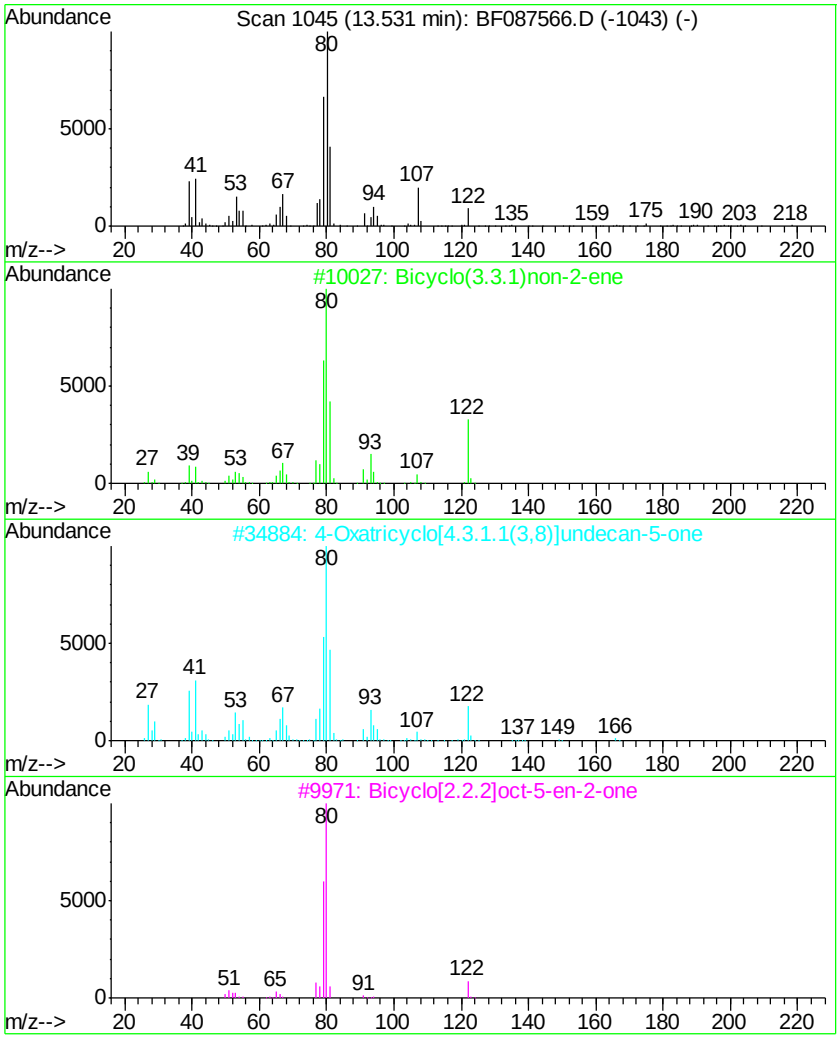
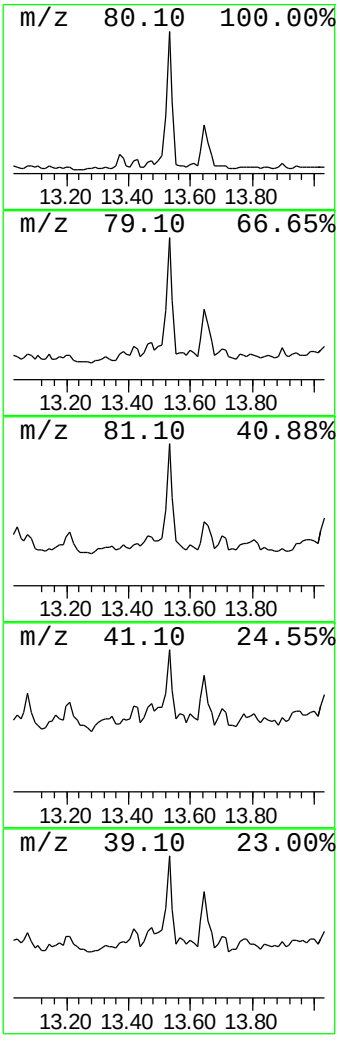
Peak Number 14 Bicyclo(3.3.1)non-2-ene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	11.28 ng	896365	Acenaphthene-d10	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo(3.3.1)non-2-ene	122	C9H14	006671-66-5	87
2	4-Oxatricyclo[4.3.1.1(3,8)]undec...	166	C10H14O2	021898-84-0	83
3	Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	80
4	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	80
5	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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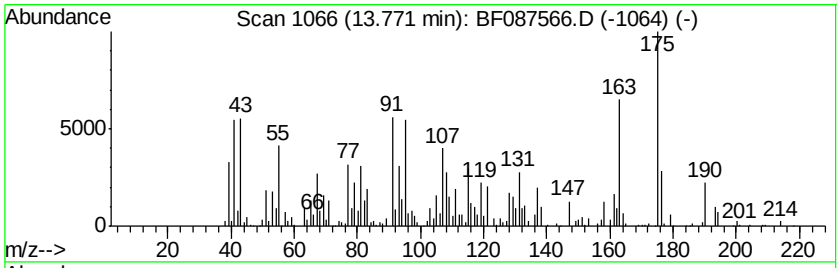
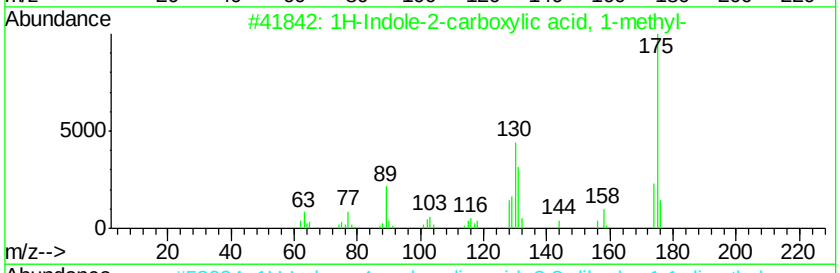
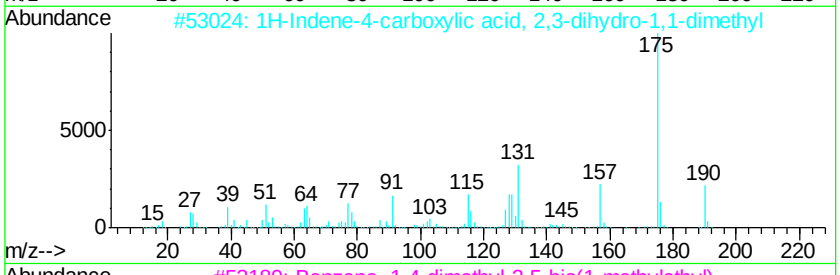
Peak Number 15 unknown13.77 Concentration Rank 8

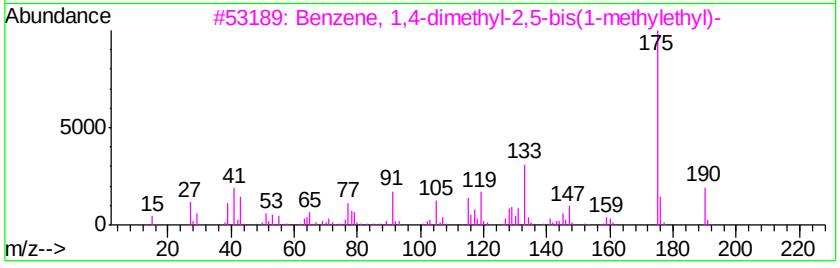
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	17.44 ng	561309	Phenanthrene-d10	14.77

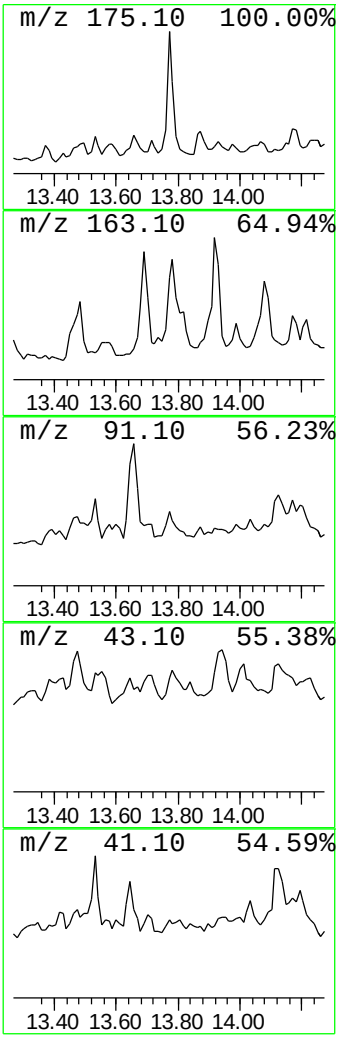
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2-carboxylic acid, 1-m...	175	C10H9NO2	016136-58-6	38
2	1H-Indene-4-carboxylic acid, 2,3...	190	C12H14O2	055712-38-4	38
3	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	30
4	m-(1-Cyanoethyl)benzoic acid	175	C10H9NO2	005537-71-3	22
5	Precocene I	190	C12H14O2	017598-02-6	22











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

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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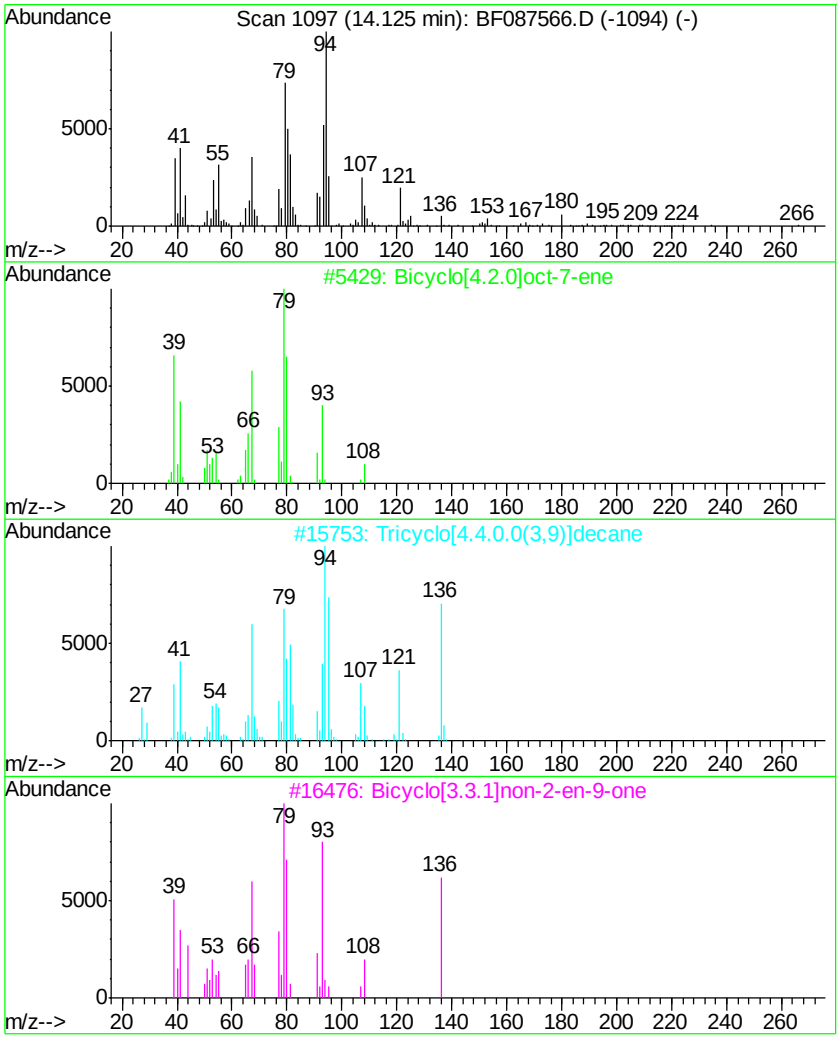
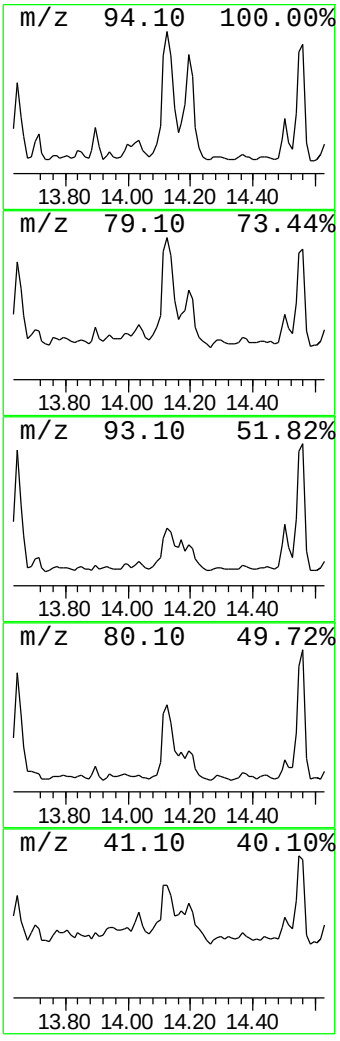
Peak Number 16 Bicyclo[4.2.0]oct-7-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	34.32 ng	1104180	Phenanthrene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]oct-7-ene	108	C8H12	000616-10-4	90
2	Tricyclo[4.4.0.0(3,9)]decane	136	C10H16	029185-96-4	74
3	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	50
4	1-Methyl-6-methylenebicyclo[3.2....	122	C9H14	1000210-90-0	47
5	Borazine, 1-methyl-	95	CH8B3N3	021127-94-6	46





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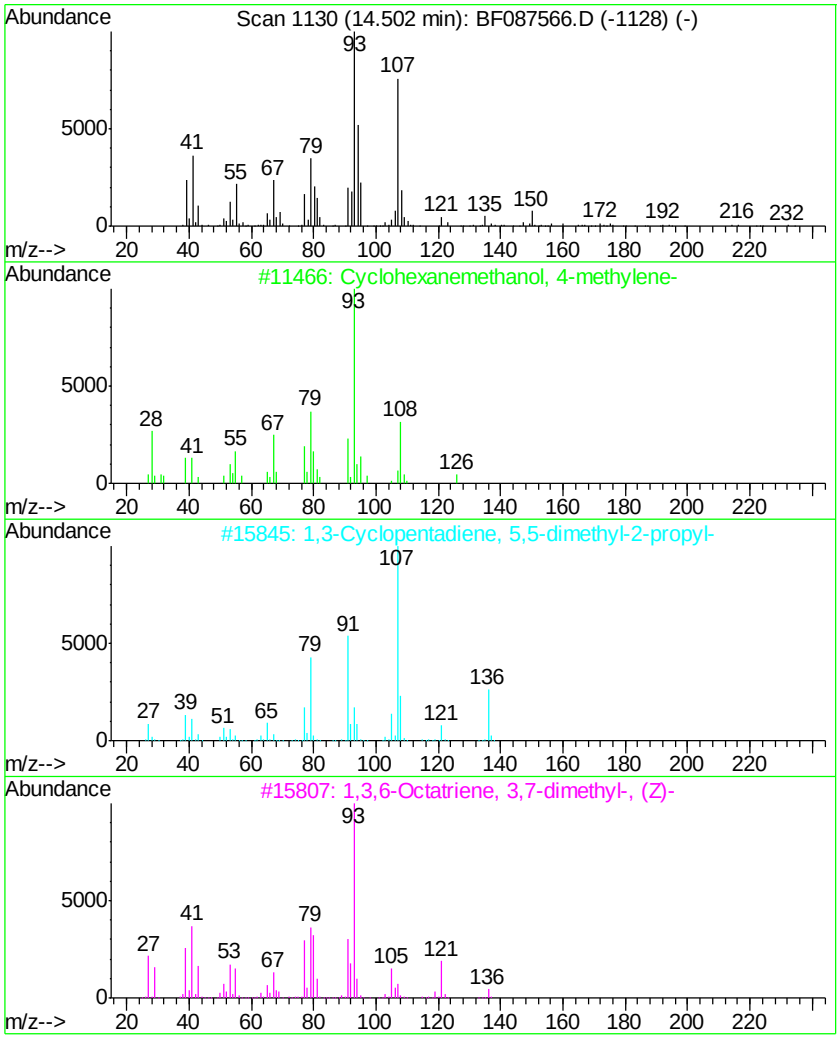
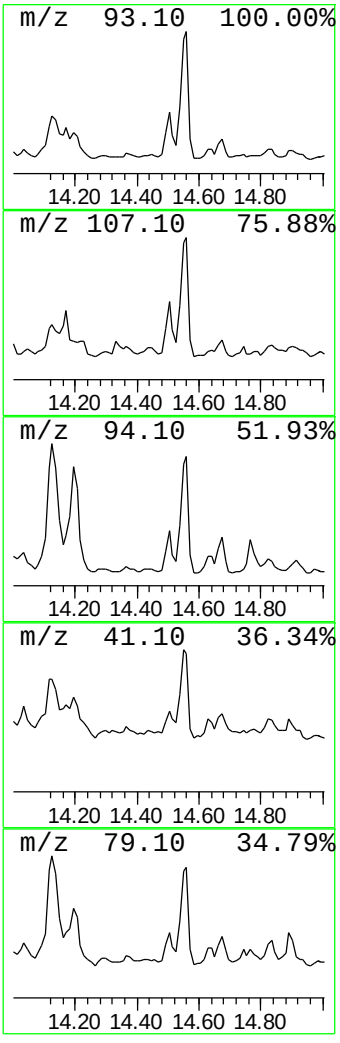
Peak Number 17 unknown14.50 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	13.74 ng	442140	Phenanthrene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	43
2	1,3-Cyclopentadiene, 5,5-dimethy...	136	C10H16	1000163-57-0	27
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	25
4	Bicyclo[3.3.0]octan-3-one, 7-eth...	150	C10H14O	1000163-34-3	25
5	Benzeneacetic acid, .alpha.-hydr...	166	C9H10O3	021210-43-5	22





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Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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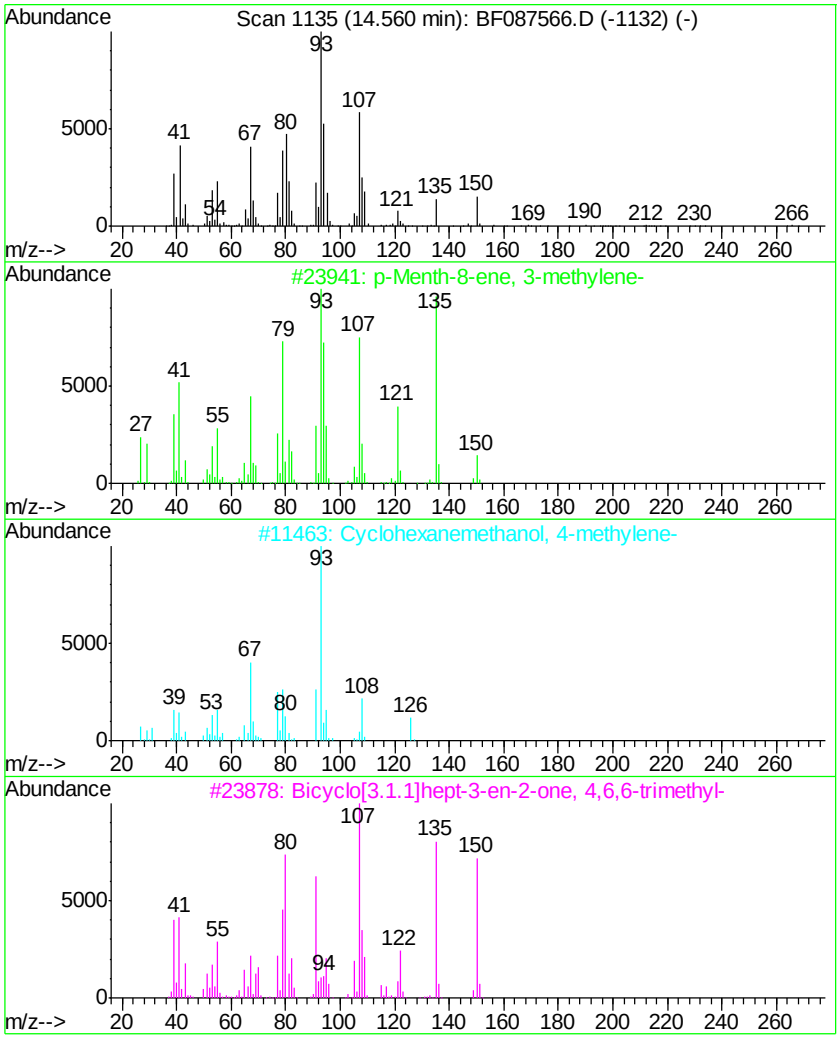
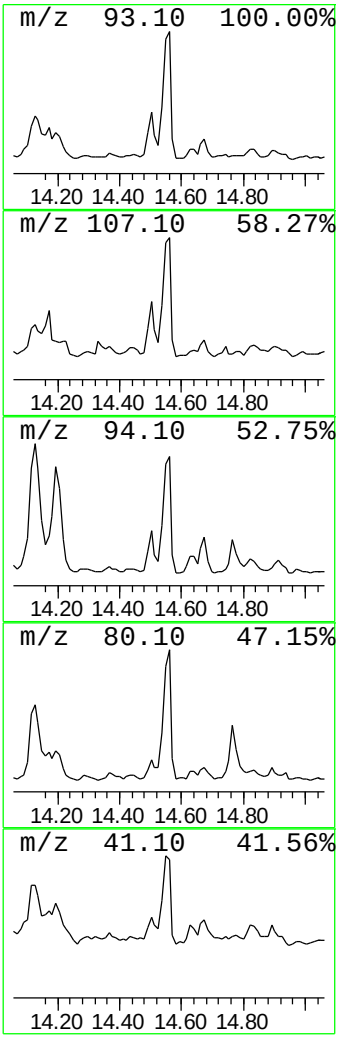
Peak Number 18 unknown14.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	53.25 ng	1713410	Phenanthrene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Menth-8-ene, 3-methylene-	150	C11H18	1000151-25-7	47
2	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	43
3	Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	000080-57-9	38
4	(+)-(E)-Limonene oxide	152	C10H16O	006909-30-4	38
5	(2S,4R)-p-Mentha-[1(7),8]-diene ...	168	C10H16O2	1000292-74-4	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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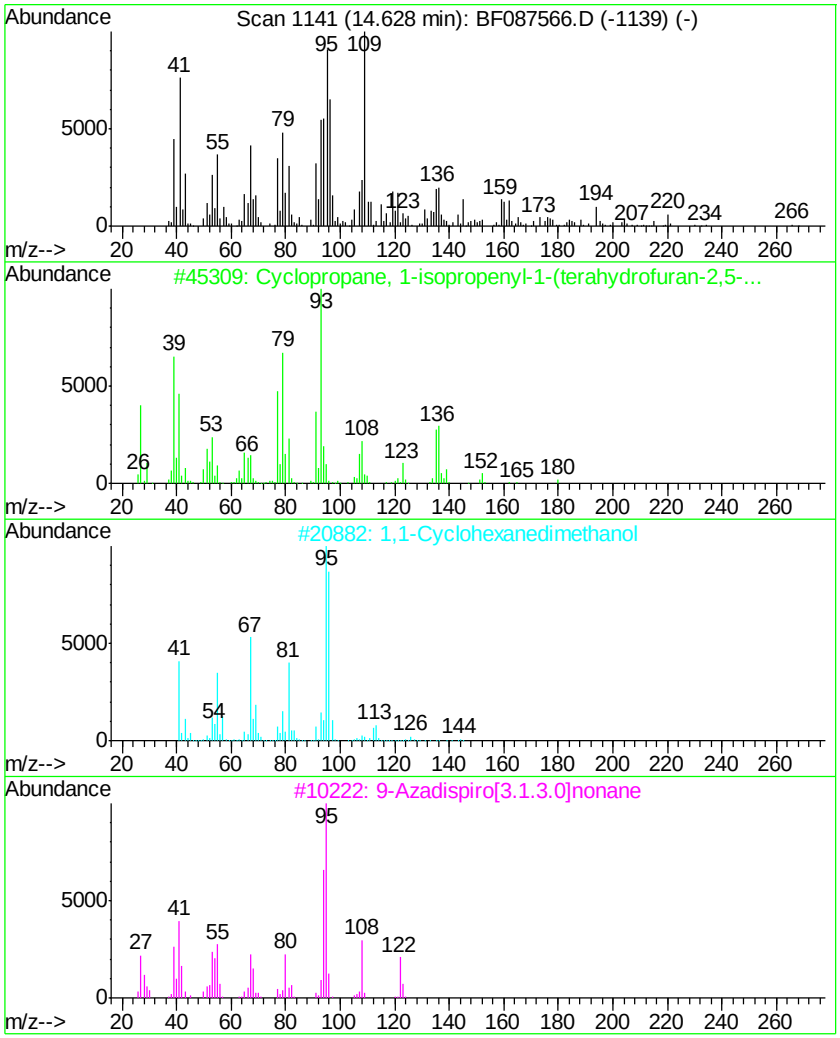
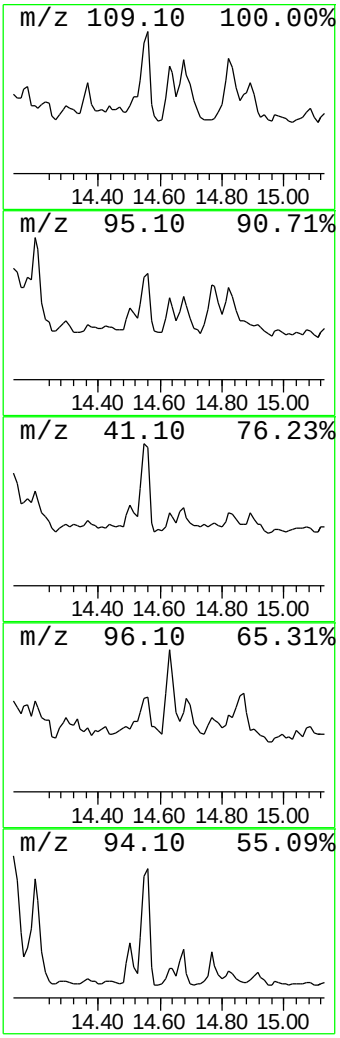
Peak Number 19 unknown14.63 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	12.60 ng	405435	Phenanthrene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-isopropenyl-1-(t...	180	C10H12O3	124571-32-0	38
2	1,1-Cyclohexanedimethanol	144	C8H16O2	002658-60-8	30
3	9-Azadispiro[3.1.3.0]nonane	123	C8H13N	135763-48-3	30
4	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	25
5	1H-Pyrrole, 2-ethyl-4-methyl-	109	C7H11N	069687-77-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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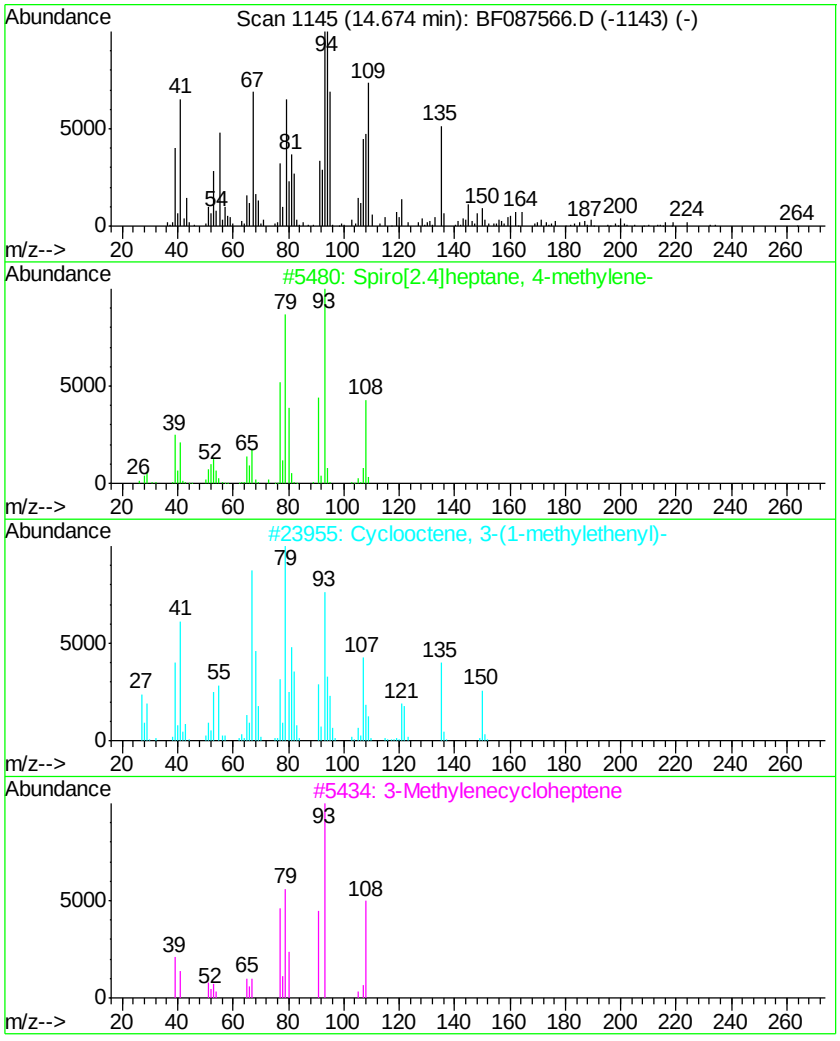
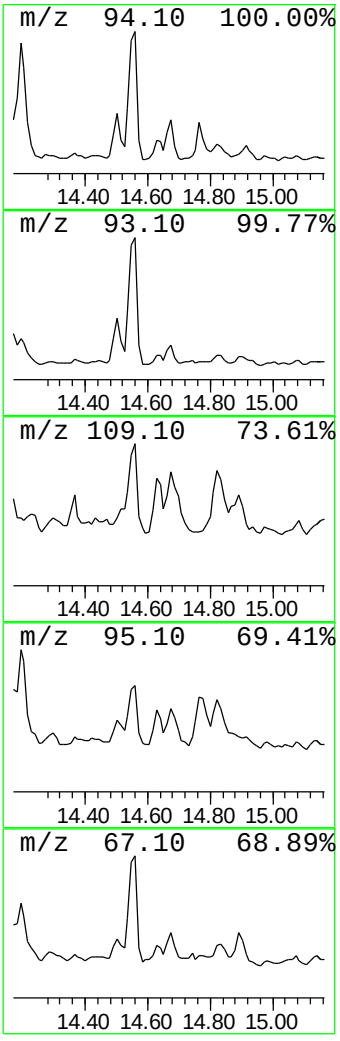
Peak Number 20 unknown14.67 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	12.75 ng	410150	Phenanthrene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]heptane, 4-methylene-	108	C8H12	024308-54-1	35
2	Cyclooctene, 3-(1-methylethenyl)-	150	C11H18	061233-78-1	30
3	3-Methylenecycloheptene	108	C8H12	034564-56-2	30
4	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	25
5	Cyclopentanecarbonitrile, 3-(1-m...	135	C9H13N	089683-72-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087566.D
Acq On : 31 May 2016 00:28
Operator : UM/SJ
Sample : H3249-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown8.03	8.03	9.9	ng	391873	1	7.48	787392	20.0
unknown8.18	8.18	17.6	ng	694595	1	7.48	787392	20.0
Cyclohexane, 1-et...	8.30	12.3	ng	482355	1	7.48	787392	20.0
1-Adamantanol	10.35	41.4	ng	2619340	2	9.52	1265790	20.0
2-Cyclopentene-1-...	10.50	21.4	ng	1351590	2	9.52	1265790	20.0
Naphthalene, 1-me...	10.83	10.2	ng	643891	2	9.52	1265790	20.0
unknown11.12	11.12	18.8	ng	1495870	3	12.34	1588660	20.0
unknown11.18	11.18	10.5	ng	836636	3	12.34	1588660	20.0
3,5-Dimethyl-1-ad...	11.54	16.9	ng	1340580	3	12.34	1588660	20.0
unknown11.87	11.87	12.8	ng	1016290	3	12.34	1588660	20.0
unknown11.94	11.94	9.7	ng	766460	3	12.34	1588660	20.0
unknown12.41	12.41	9.7	ng	767290	3	12.34	1588660	20.0
Bicyclo(3.3.1)non...	13.53	11.3	ng	896365	3	12.34	1588660	20.0
unknown13.77	13.77	17.4	ng	561309	4	14.77	643551	20.0
Bicyclo[4.2.0]oct...	14.13	34.3	ng	1104180	4	14.77	643551	20.0
unknown14.50	14.50	13.7	ng	442140	4	14.77	643551	20.0
unknown14.56	14.56	53.3	ng	1713410	4	14.77	643551	20.0
unknown14.63	14.63	12.6	ng	405435	4	14.77	643551	20.0
unknown14.67	14.67	12.8	ng	410150	4	14.77	643551	20.0