LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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	4316348	8456239	100.00%	11.974%
2	4.741	275	276	286	rBV	46431	99688	1.18%	0.141%
3	5.199	314	316	325	rBV	1727134	2027060	23.97%	2.870%
4	5.747	363	364	367	rVB	222266	195427	2.31%	0.277%
5	6.056	389	391	393	rBV	442506	425166	5.03%	0.602%
6	6.273	408	410	417	rBV	1301959	1361560	16.10%	1.928%
7	6.387	417	420	422	rBV	2885332	3766835	44.55%	5.334%
8	6.559	432	435	437	rBV2	231167	379547	4.49%	0.537%
9	6.604	437	439	442	rBV	681544	906302	10.72%	1.283%
10	6.764	451	453	458	rBV2	3274130	3830257	45.30%	5.424%
11	6.867	460	462	464	rVV	569616	495343	5.86%	0.701%
12	6.959	467	470	472	rBV2	341073	494818	5.85%	0.701%
13	7.153	484	487	488	rBV	1143641	1458677	17.25%	2.066%
14	7.187	488	490	494	rVV	3496026	3993101	47.22%	5.654%
15	7.267	494	497	498	rVV	182389	240624	2.85%	0.341%
16	7.302	498	500	503	rVV	150674	193183	2.28%	0.274%
17	7.393	504	508	510	rVV	1147096	1120848	13.25%	1.587%
18	7.507	516	518	520	rBV	121457	113730	1.34%	0.161%
19	7.553	520	522	527	rVB2	287623	692512	8.19%	0.981%
20	7.645	527	530	532	rBV	1179989	1473721	17.43%	2.087%
21	7.679	532	533	535	rVB	141504	97805	1.16%	0.138%
22	7.725	535	537	540	rVB2	140224	227551	2.69%	0.322%
23	7.770	540	541	544	rBV	116924	152987	1.81%	0.217%
24	7.839	544	547	549	rBV2	154618	274744	3.25%	0.389%
25	7.896	549	552	556	rVV2	1426158	2065645	24.43%	2.925%
26	7.953	556	557	558	rVB	249872	171287	2.03%	0.243%
27	7.999	558	561	562	rVB2	136785	166722	1.97%	0.236%
28	8.033	562	564	565	rBV	82094	99801	1.18%	0.141%
29	8.102	567	570	572	rBV2	204145	327971	3.88%	0.464%
30	8.147	572	574	575	rVB	186456	210151	2.49%	0.298%
31	8.182	575	577	580	rVB4	159722	252303	2.98%	0.357%
32	8.285	583	586	589	rVB	243046	301970	3.57%	0.428%
33	8.365	589	593	595	rBV2	241519	419167	4.96%	0.594%
34	8.399	595	596	600	rVB2	266186	325503	3.85%	0.461%

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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	8.468	600	602	603	rBV	88718	110914	1.31%	0.157%
36	8.502	603	605	606	rBV2	145489	200100	2.37%	0.283%
37	8.559	608	610	612	rBV	504237	509809	6.03%	0.722%
38	8.593	612	613	616	rVB2	147515	167027	1.98%	0.237%
39	8.673	616	620	622	rBV3	276242	665364	7.87%	0.942%
40	8.719	622	624	625	rVV2	174278	227104	2.69%	0.322%
41	8.753	625	627	628	rVB2	76429	103082	1.22%	0.146%
42	8.788	628	630	631	rBV2	90942	106957	1.26%	0.151%
43	8.890	635	639	640	rVV3	174637	310807	3.68%	0.440%
44	8.925	640	642	644	rVV3	135116	233351	2.76%	0.330%
45	8.982	644	647	649	rVV	4820260	4849195	57.34%	6.867%
46	9.050	651	653	654	rBV	99752	113309	1.34%	0.160%
47	9.119	656	659	661	rVV3	241135	408820	4.83%	0.579%
48	9.176	661	664	667	rVB3	270427	558165	6.60%	0.790%
49	9.245	667	670	671	rBV3	590768	993292	11.75%	1.407%
50	9.268	671	672	674	rVV2	86035	139803	1.65%	0.198%
51	9.313	674	676	678	rVV	752043	939668	11.11%	1.331%
52	9.348	678	679	680	rVV	337534	293806	3.47%	0.416%
53	9.382	680	682	683	rVV2	163036	238403	2.82%	0.338%
54	9.428	684	686	690	rVB2	420247	720679	8.52%	1.021%
55	9.508	691	693	696	rVB	254440	282083	3.34%	0.399%
56	9.588	698	700	703	rBV3	273824	501186	5.93%	0.710%
57	9.645	703	705	708	rBV	1353373	1374264	16.25%	1.946%
58	9.725	710	712	714	rBV2	120284	217658	2.57%	0.308%
59	9.782	714	717	718	rBV2	138554	242911	2.87%	0.344%
60	9.828	719	721	722	rVV2	131654	222994	2.64%	0.316%
61	9.851	722	723	725	rVV2	381838	441429	5.22%	0.625%
62	9.885	725	726	728	rVB2	170706	166439	1.97%	0.236%
63	9.965	729	733	735	rBV4	253654	661766	7.83%	0.937%
64	9.999	735	736	738	rVV	438413	405544	4.80%	0.574%
65	10.079	740	743	746	rVB5	296772	594965	7.04%	0.842%
66	10.171	746	751	754	rBV4	552928	1220525	14.43%	1.728%
67	10.251	756	758	759	rVV2	140259	113320	1.34%	0.160%
68	10.365	766	768	769	rBV	237058	341583	4.04%	0.484%
69	10.445	770	775	777	rVV2	2401960	3949443	46.70%	5.593%
70	10.479	777	778	779	rVV	344091	360796	4.27%	0.511%
71	10.513	779	781	783	rVV2	424247	535866	6.34%	0.759%

LSC Area Percent Report

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Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.559	783	785	788	rVV3	291363	449122	5.31%	0.636%
73	10.605	788	789	791	rVV	141344	230698	2.73%	0.327%
74	10.662	793	794	796	rVB2	201421	189551	2.24%	0.268%
75	10.788	803	805	808	rVB3	217623	393103	4.65%	0.557%
76	10.845	808	810	811	rBV	128004	130551	1.54%	0.185%
77	11.005	822	824	826	rVB2	112164	136481	1.61%	0.193%
78	11.051	826	828	830	rVV3	89879	167191	1.98%	0.237%
79	11.119	832	834	837	rVV	933895	1262193	14.93%	1.787%
80	11.222	841	843	846	rBV3	57524	106400	1.26%	0.151%
81	11.588	873	875	881	rVB6	48904	147008	1.74%	0.208%
82	11.679	881	883	887	rVB2	169500	206620	2.44%	0.293%
83	11.794	891	893	898	rBV2	196380	326165	3.86%	0.462%
84	12.708	970	973	976	rBV	3466119	4559427	53.92%	6.456%
85	13.748	1062	1064	1067	rBV	1223470	1157607	13.69%	1.639%
86	15.108	1180	1183	1186	rBV	709383	816308	9.65%	1.156%

Sum of corrected areas: 70619097

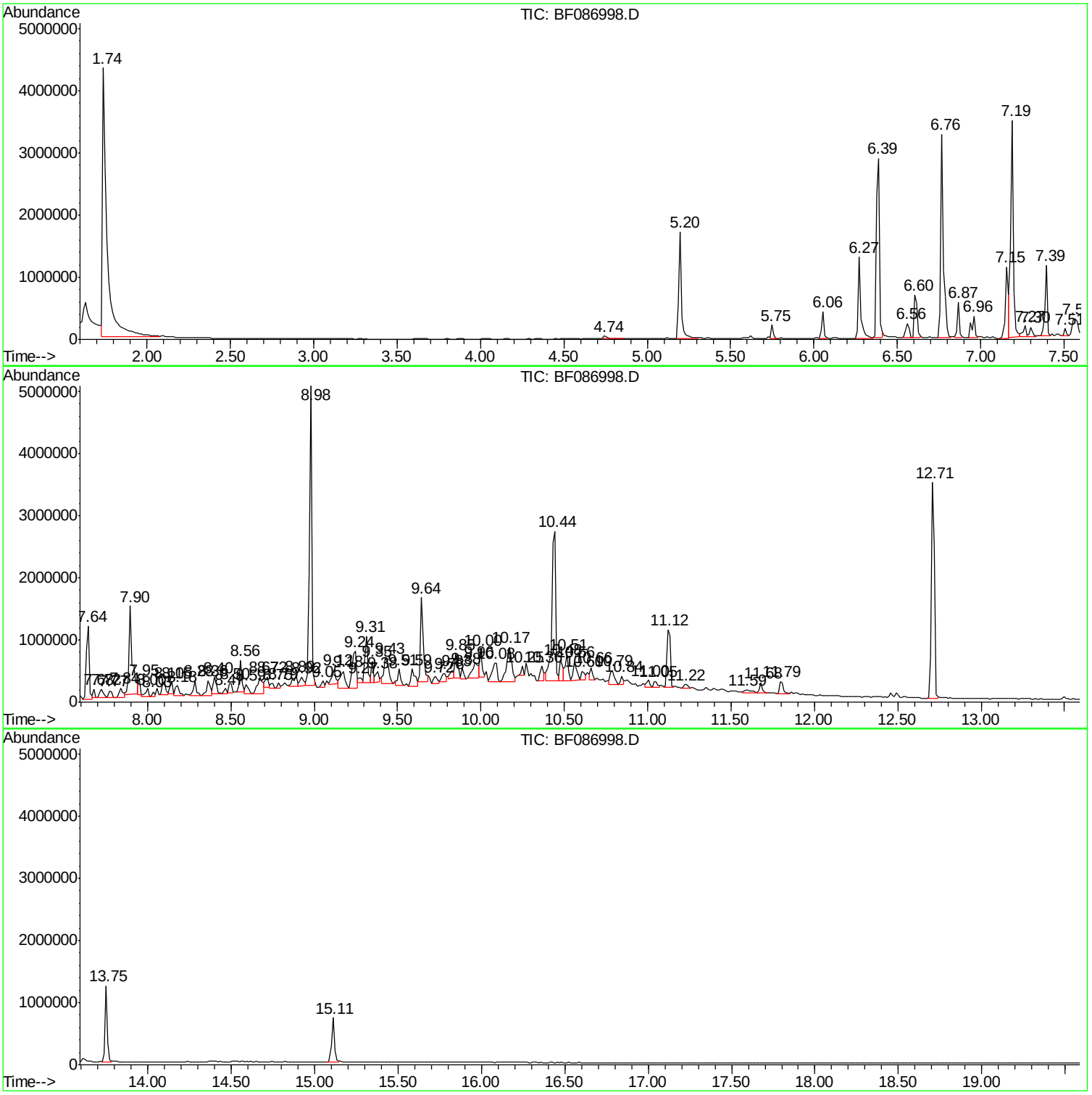
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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

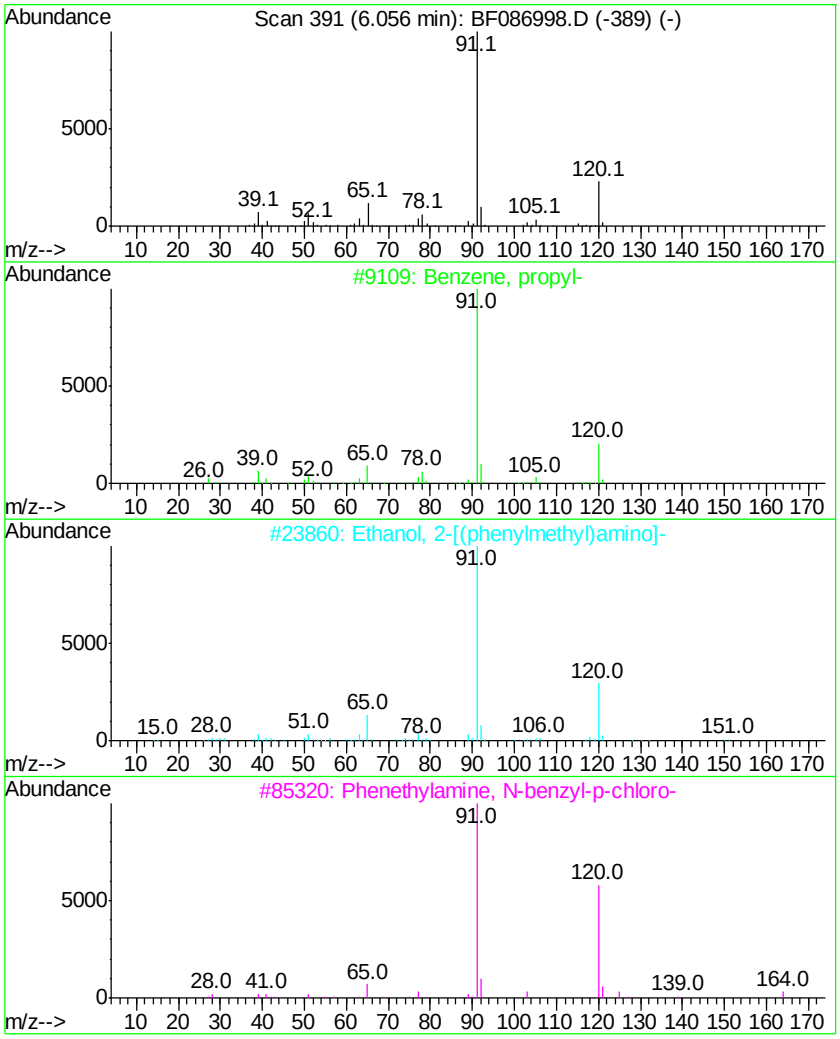
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

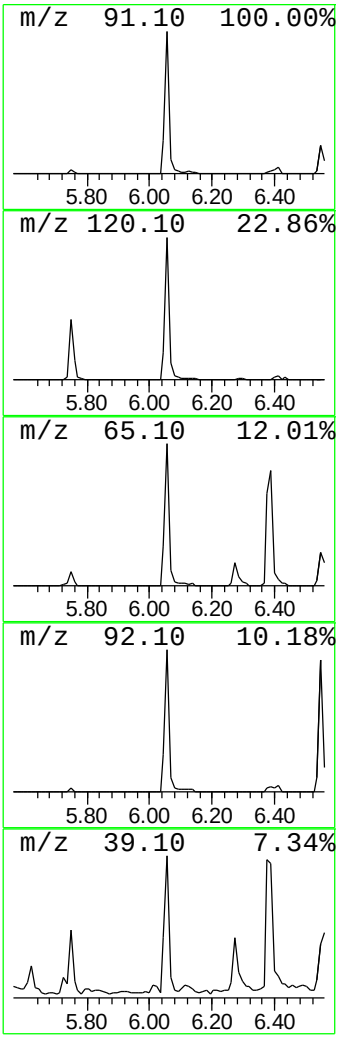
****

Peak Number 2 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	9.38 ng	425166	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-31

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

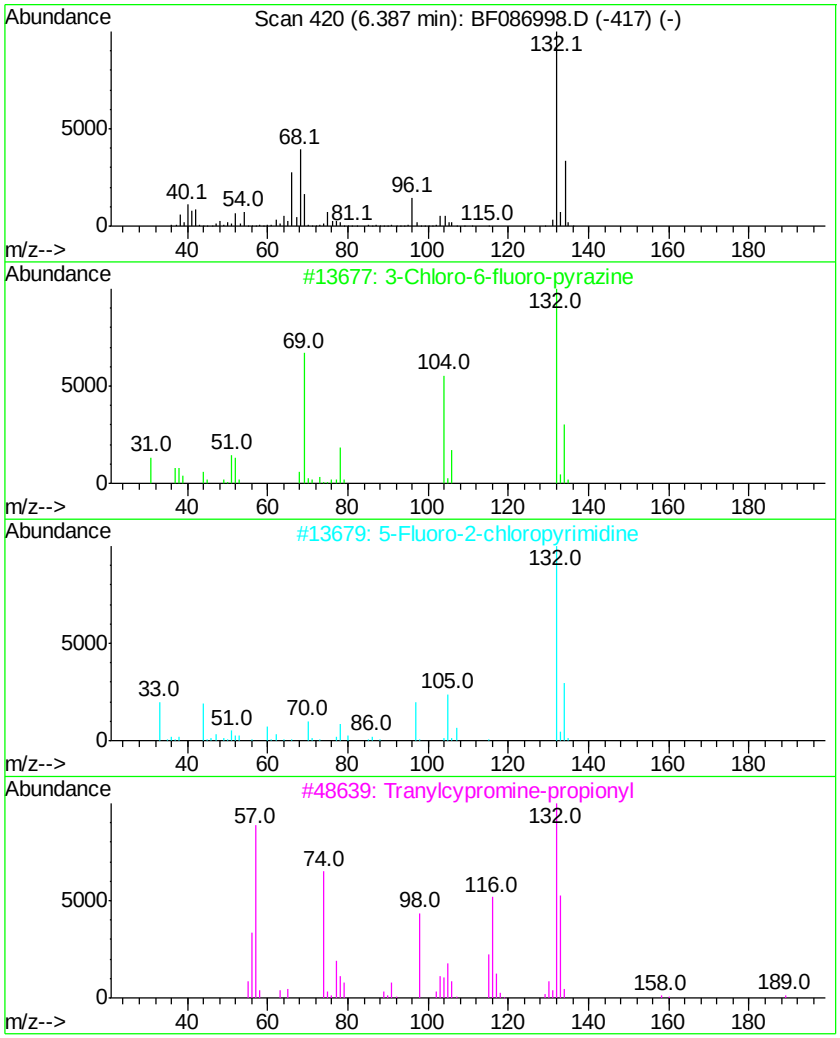
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

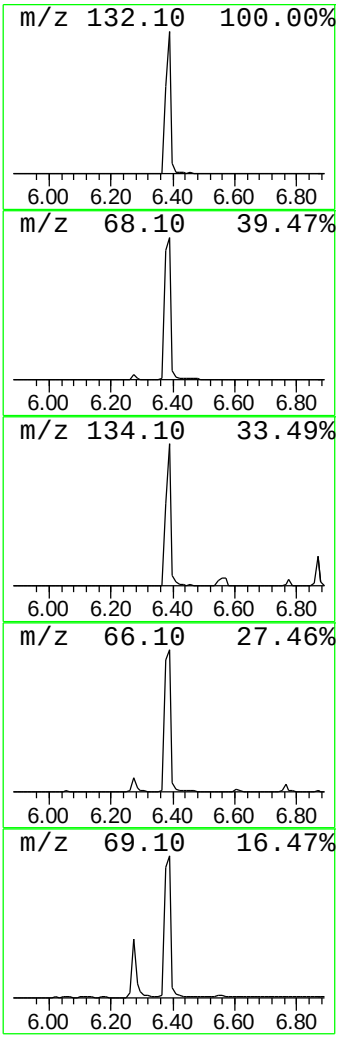
****

Peak Number 3 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	83.13 ng	3766840	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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Instrument : BNA_F
ClientSampleId : MW-31

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
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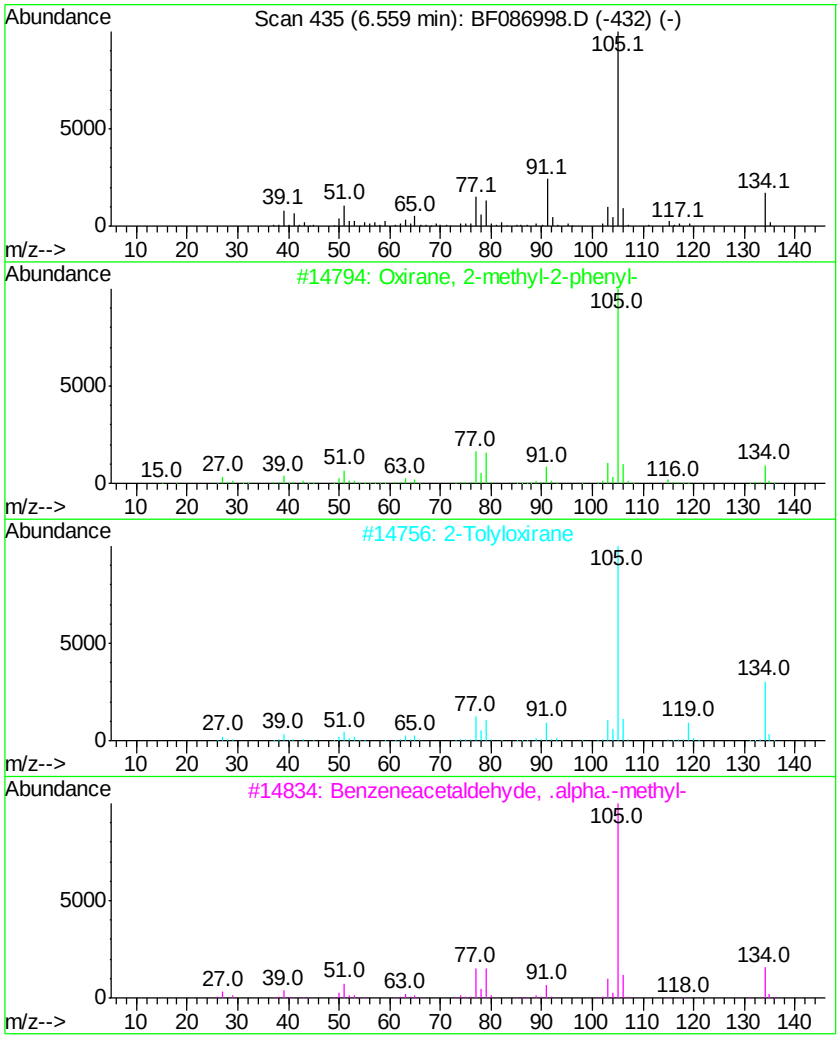
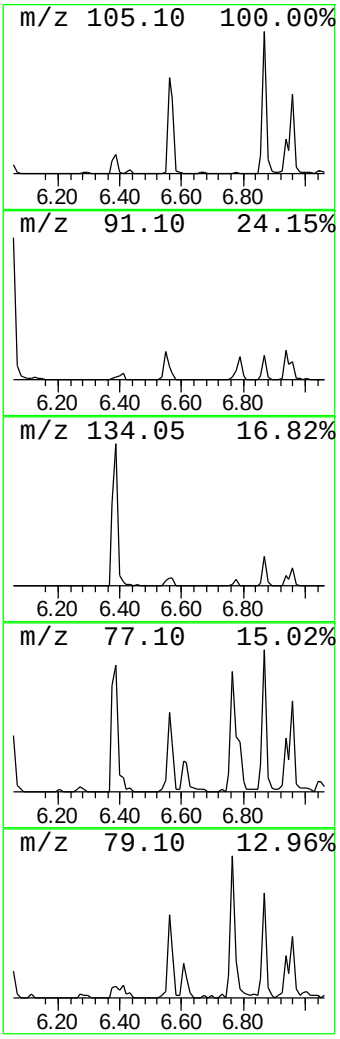
****

Peak Number 4 Oxirane, 2-methyl-2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	8.38 ng	379547	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	91
2	2-Tolyloxirane	134	C9H10O	002783-26-8	91
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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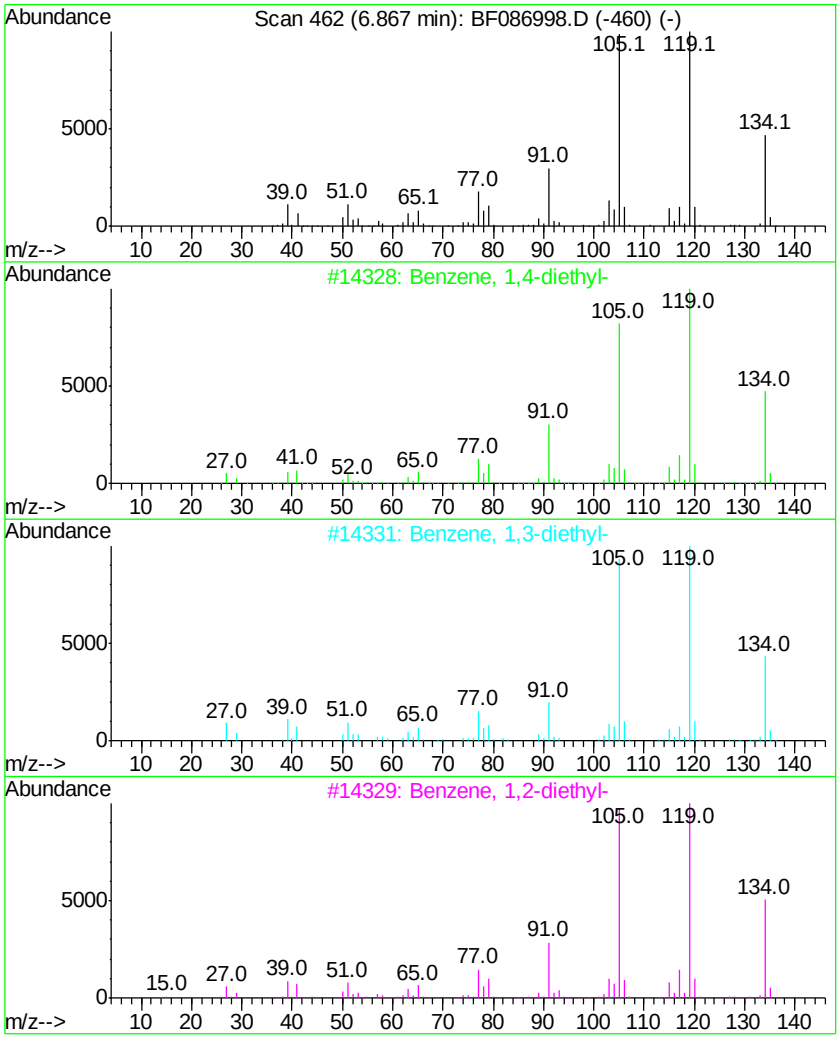
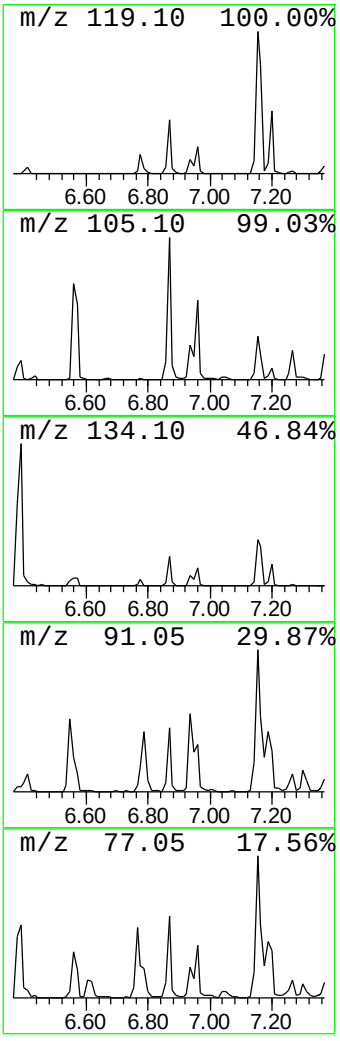
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	10.93 ng	495343	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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Data File : BF086998.D
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Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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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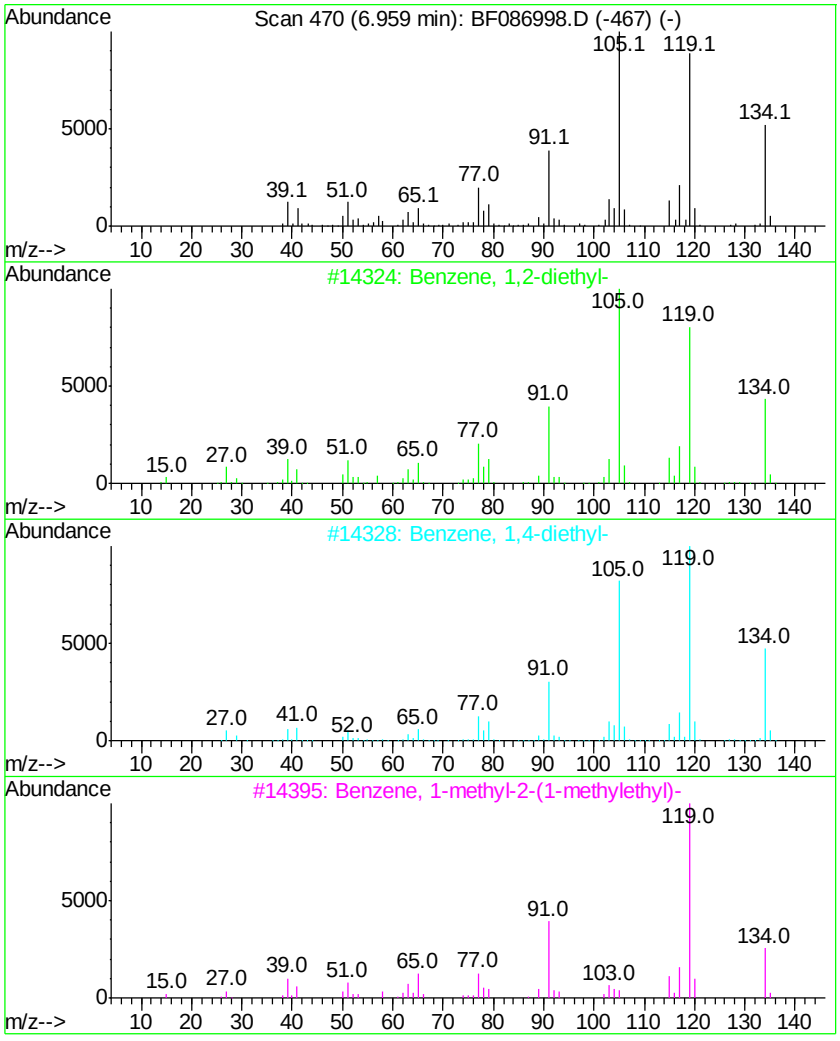
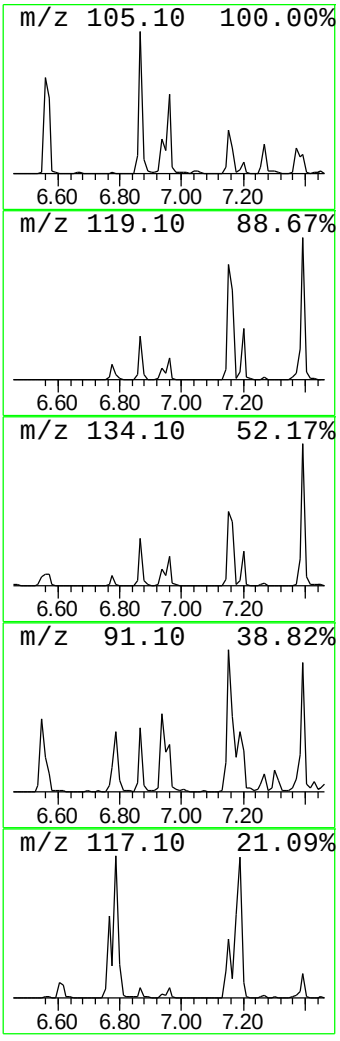
Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	10.92 ng	494818	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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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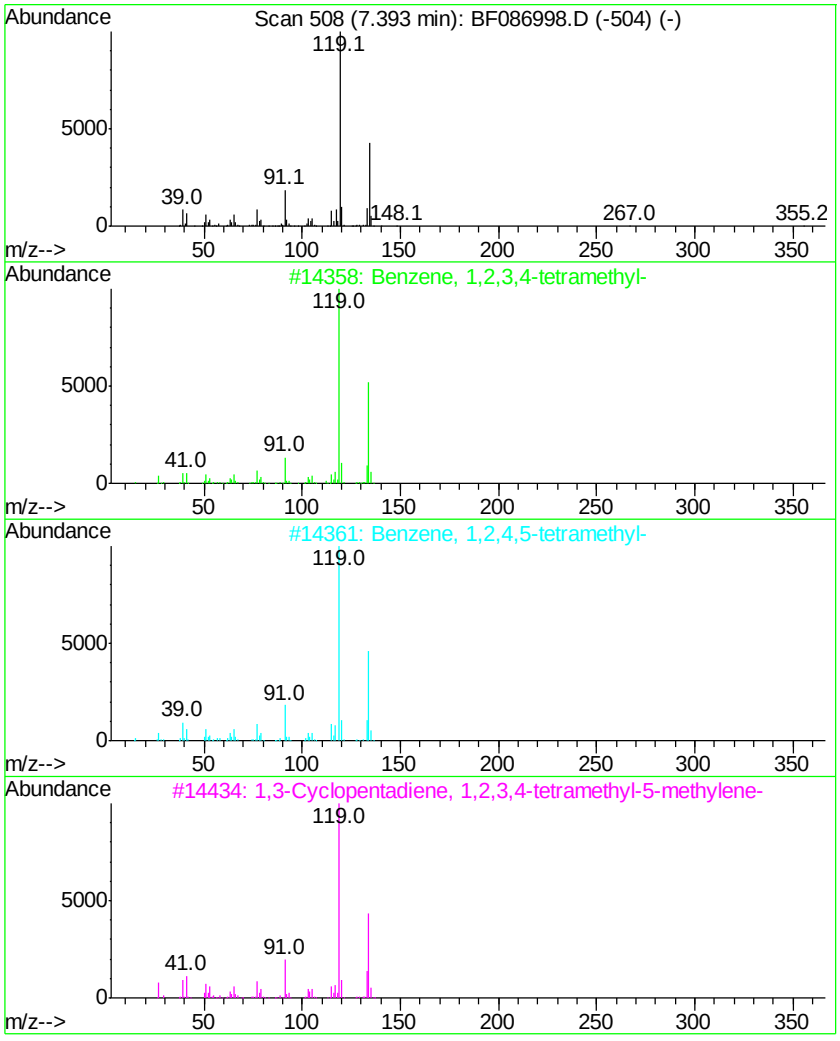
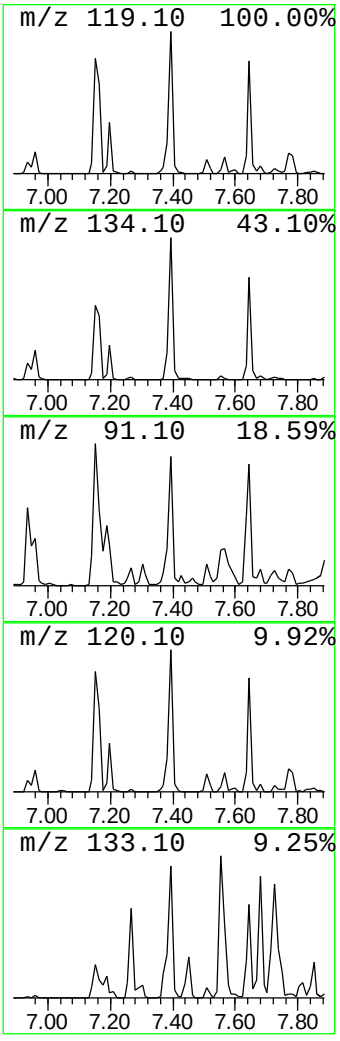
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	10.85 ng	1120850	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-31

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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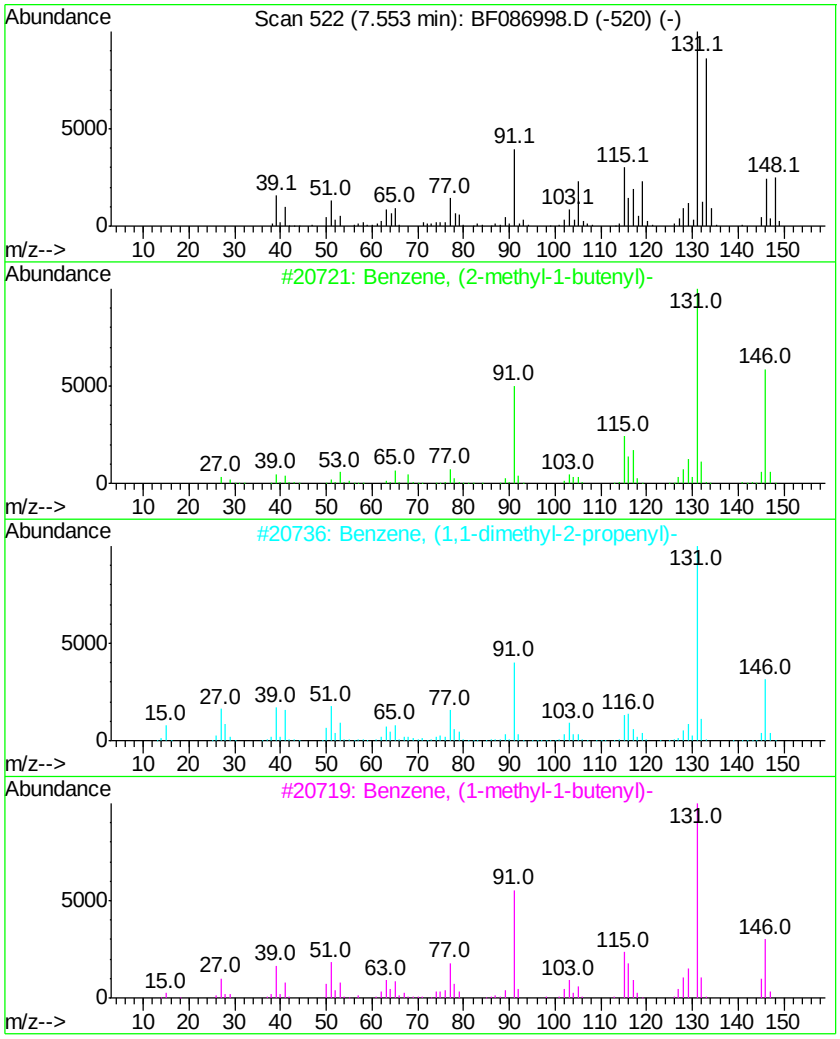
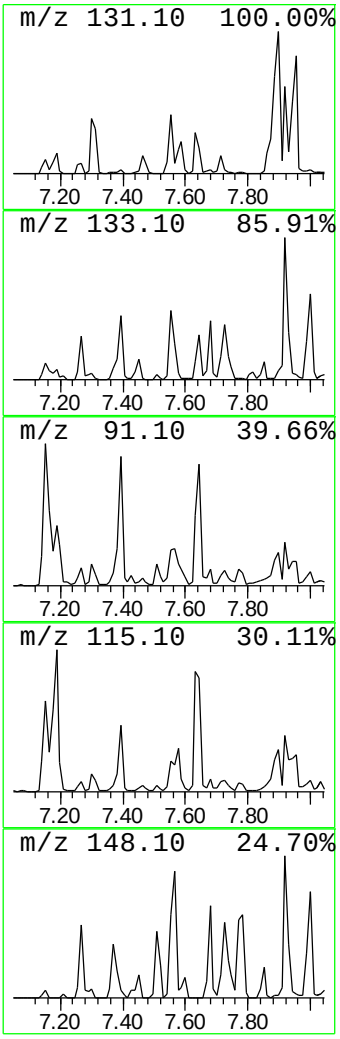
Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	6.71 ng	692512	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	86
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





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Sample : H2966-04
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Instrument : BNA_F
ClientSampleId : MW-31

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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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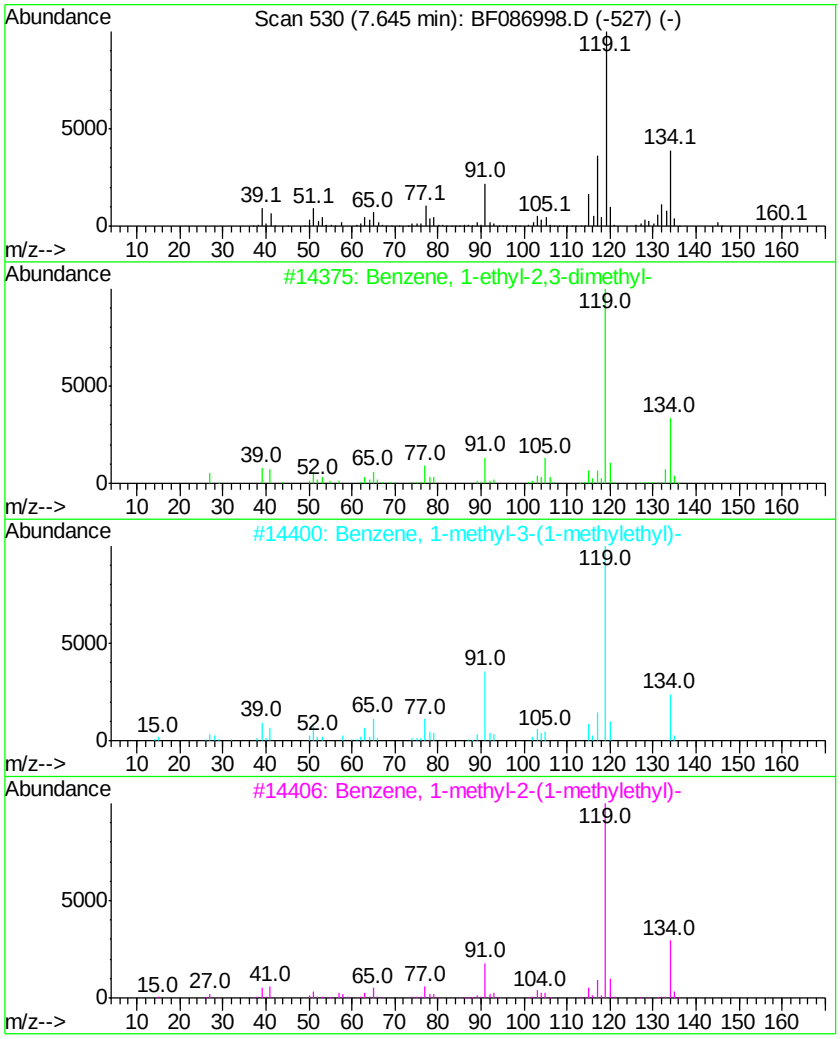
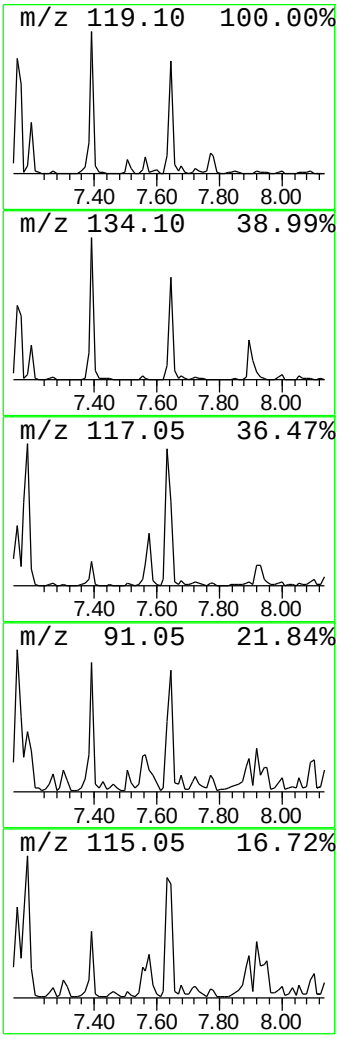
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	14.27 ng	1473720	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





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Instrument : BNA_F
ClientSampleId : MW-31

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TIC Library : C:\DATABASE\NIST02.L
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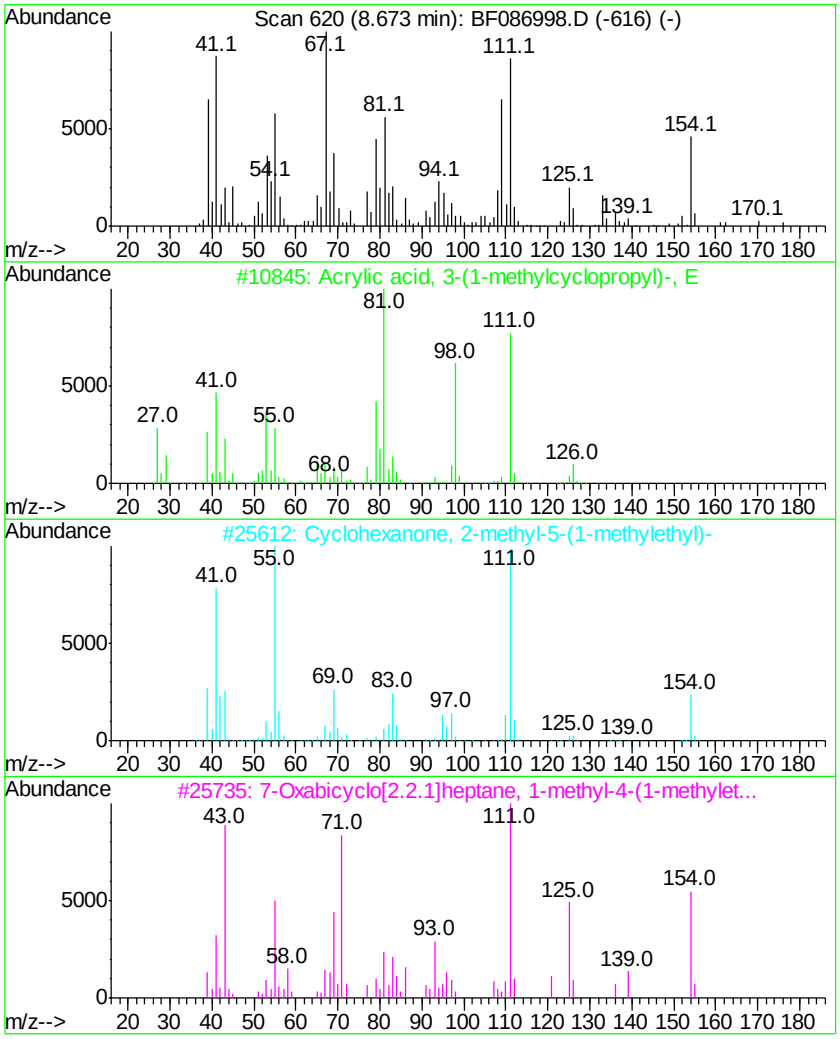
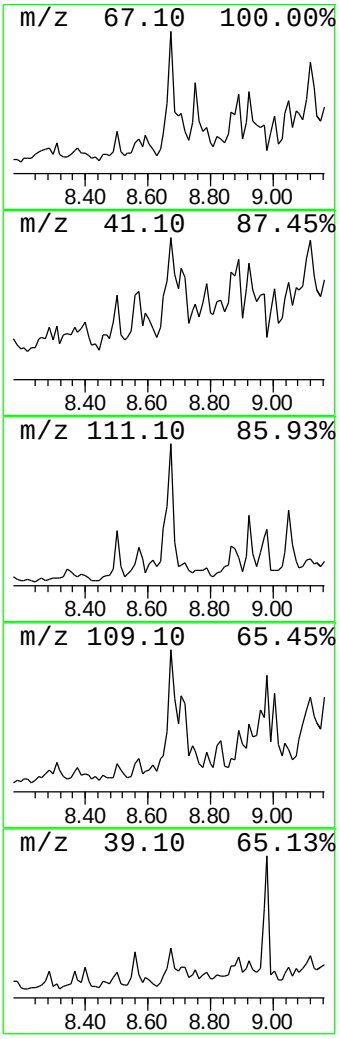
Peak Number 11 unknown8.67 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	6.44 ng	665364	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrylic acid, 3-(1-methylcyclopr...	126	C7H10O2	1000149-48-7	38
2	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	35
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	30
4	(Z,Z)-3,6-Nonadienal	138	C9H14O	021944-83-2	25
5	cis-1-Hydroxybicyclo[4.4.0]decane	154	C10H18O	003574-58-1	25





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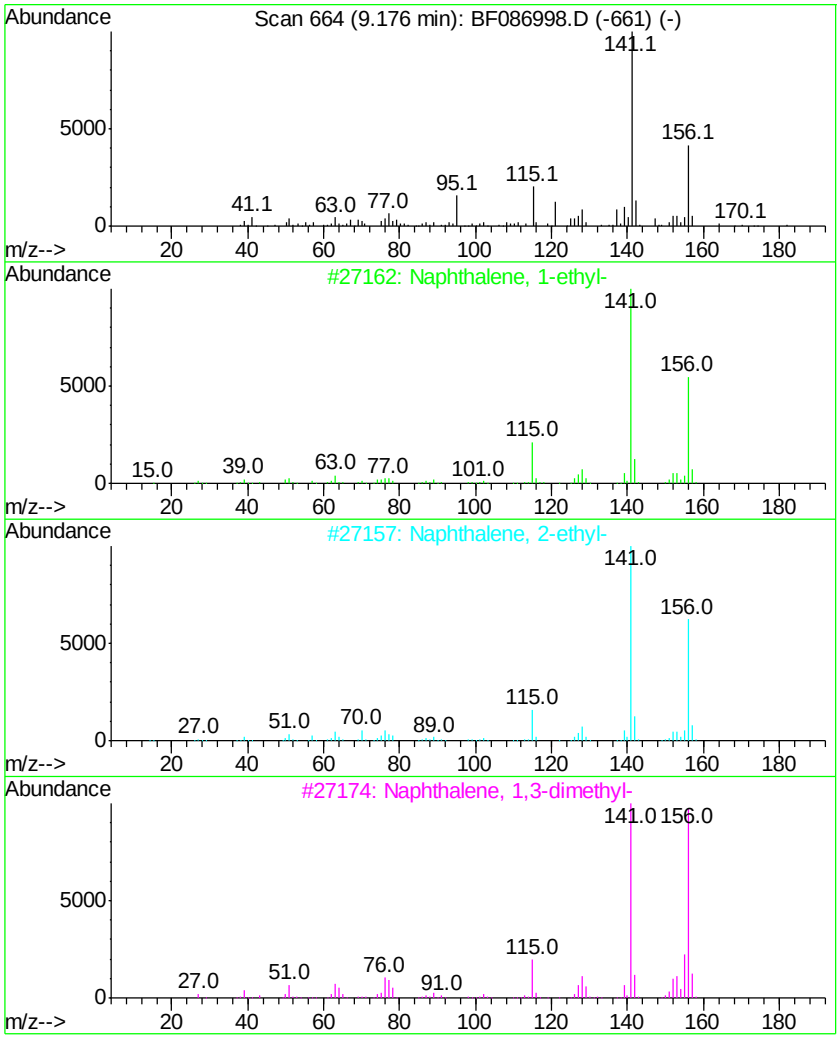
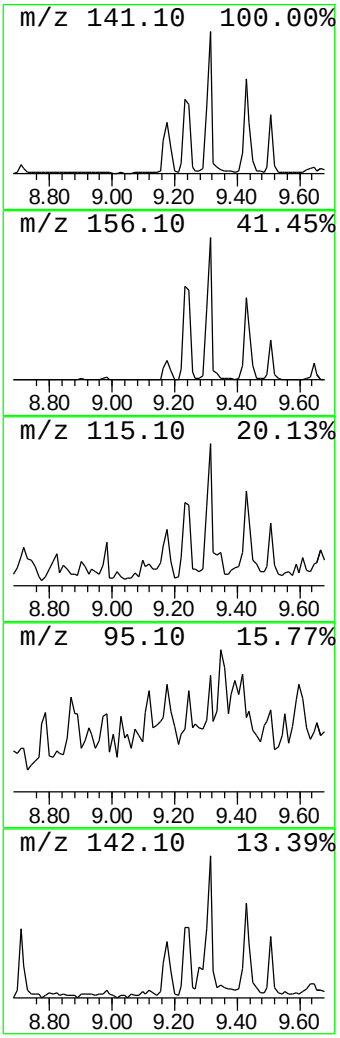
Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	8.12 ng	558165	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
4	Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	59
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53





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ClientSampleId : MW-31

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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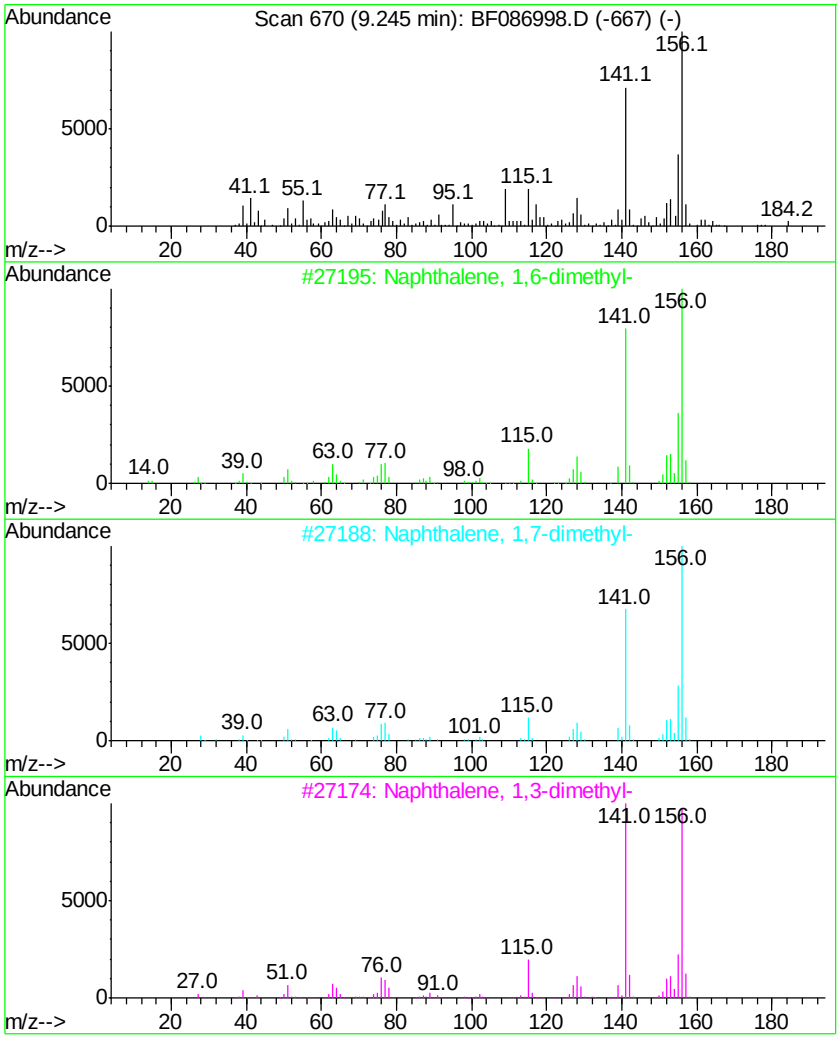
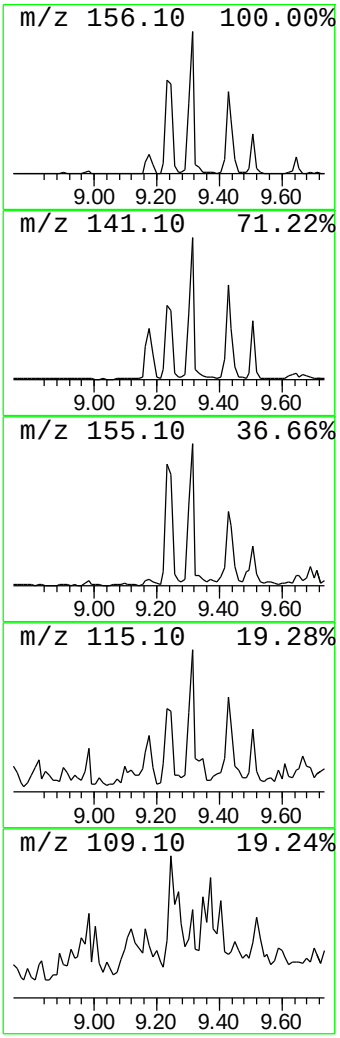
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	14.46 ng	993292	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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ClientSampleId : MW-31

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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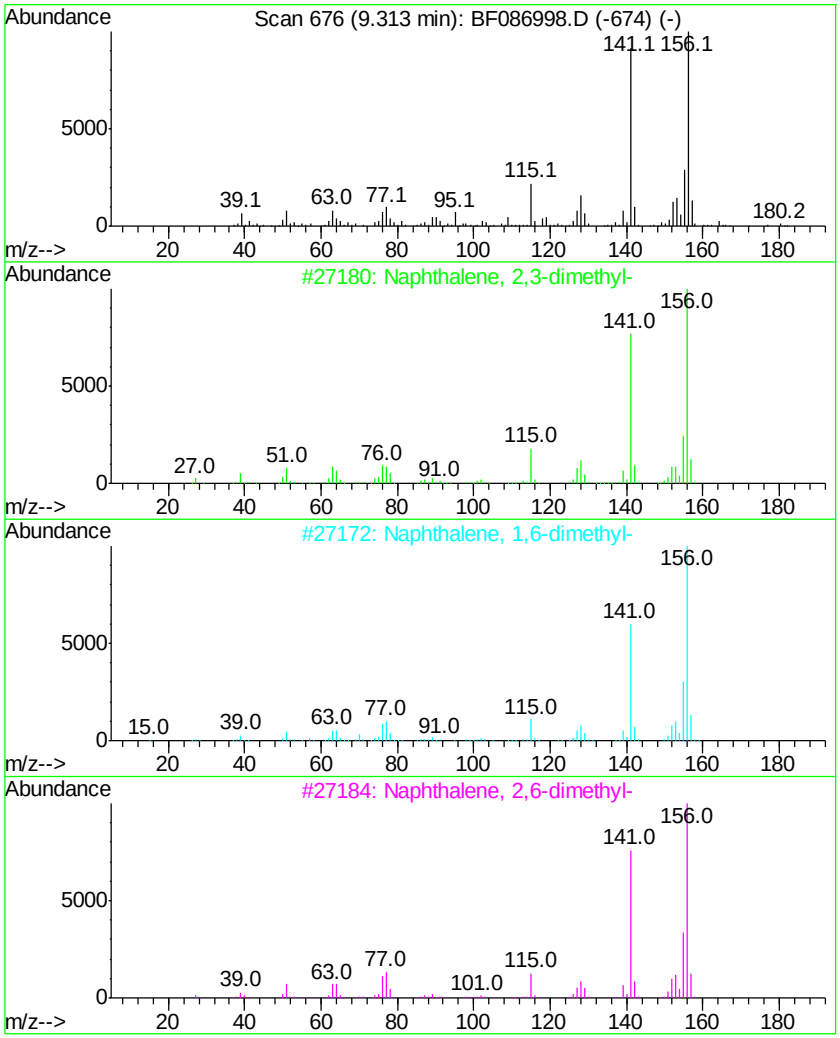
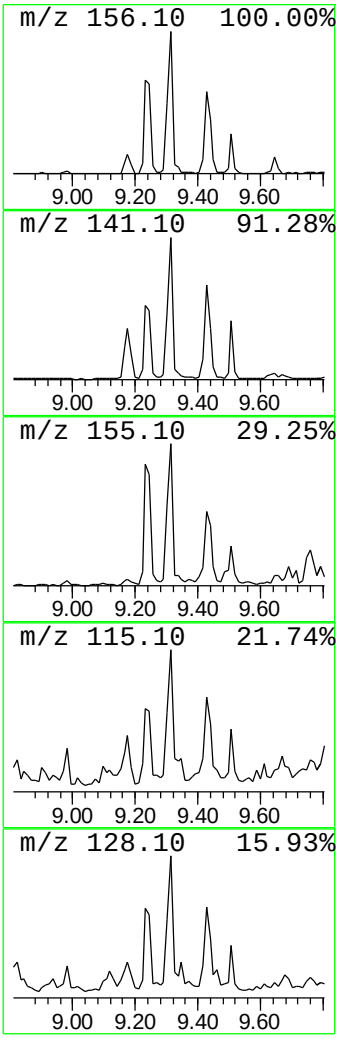
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	13.68 ng	939668	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-31

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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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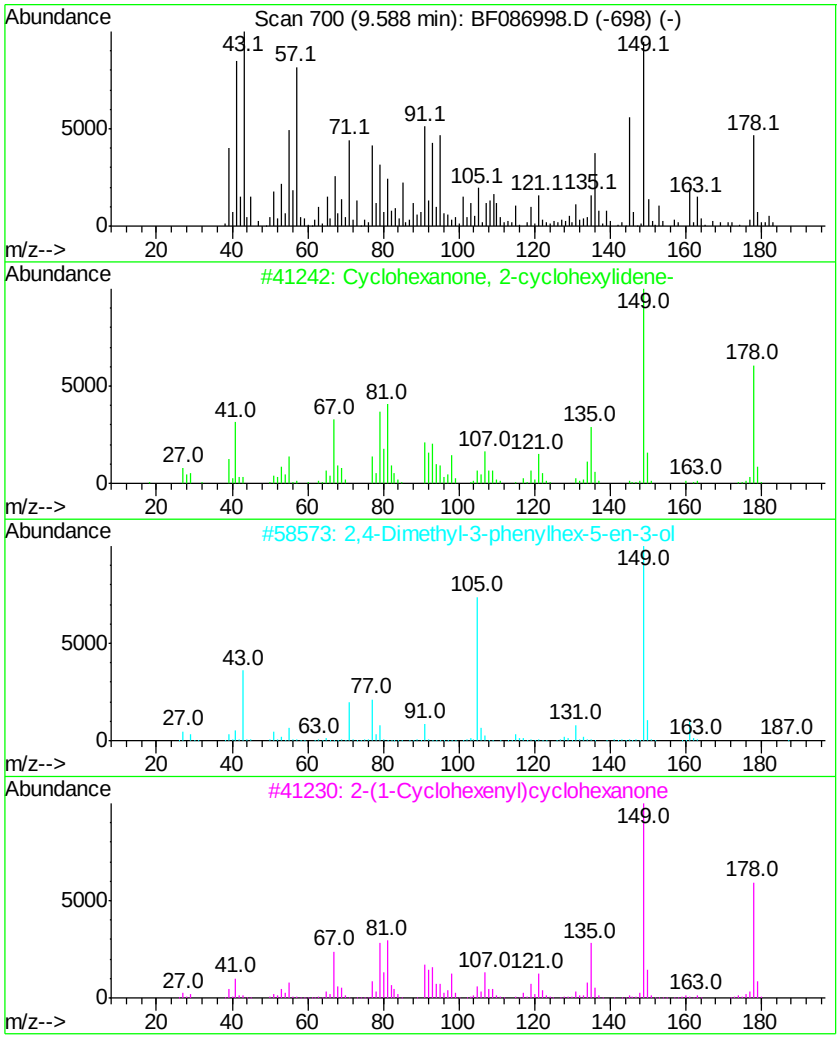
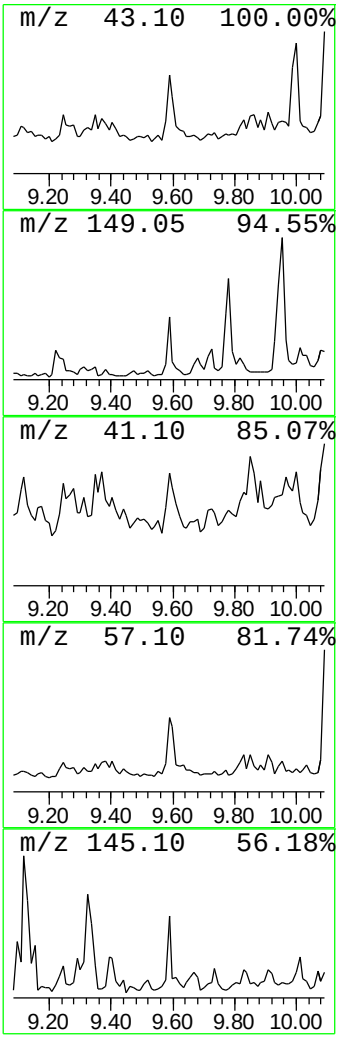
Peak Number 15 unknown9.59 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	7.29 ng	501186	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	38
2	2,4-Dimethyl-3-phenylhex-5-en-3-ol	204	C14H20O	342625-00-7	35
3	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	25
4	Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	22
5	Myrtene acid bromide	228	C10H13BrO	1000159-35-0	22





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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

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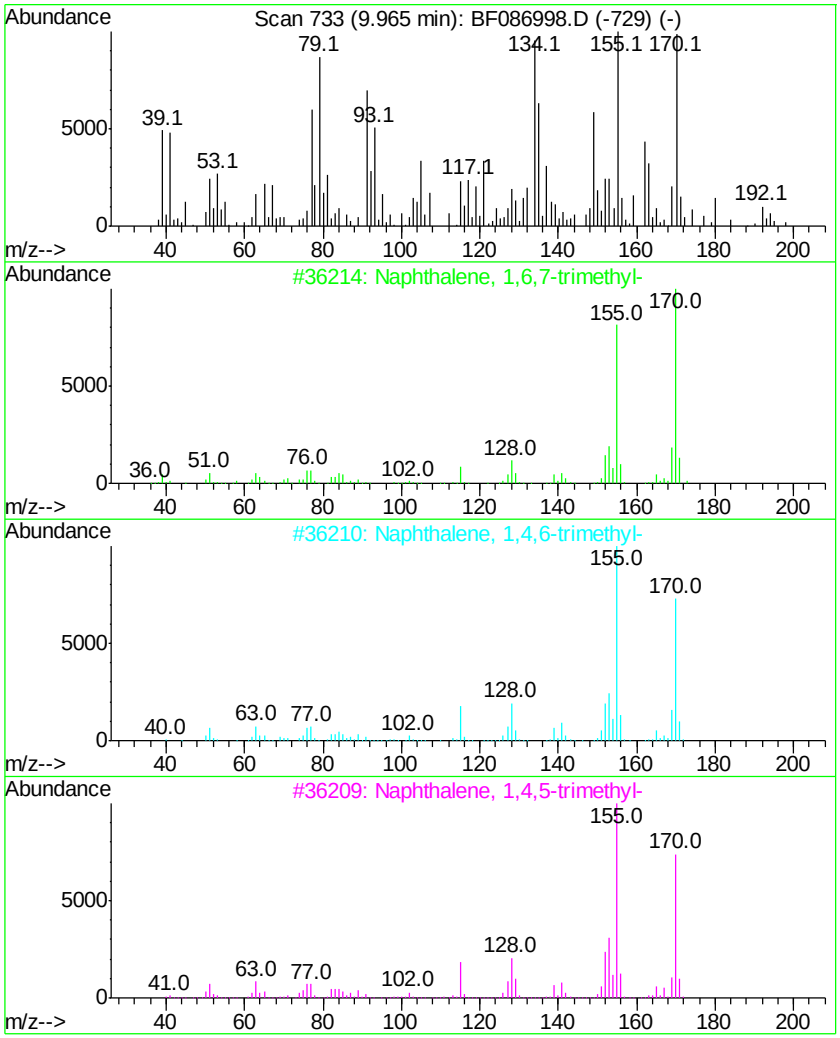
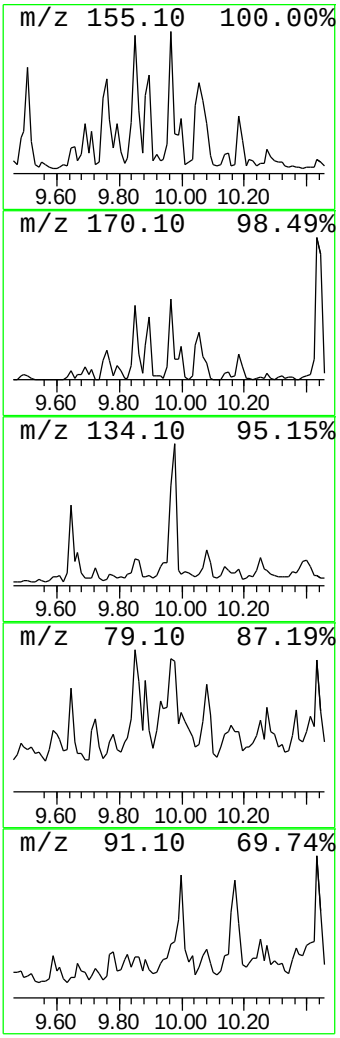
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	9.63 ng	661766	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	51
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	51
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	47





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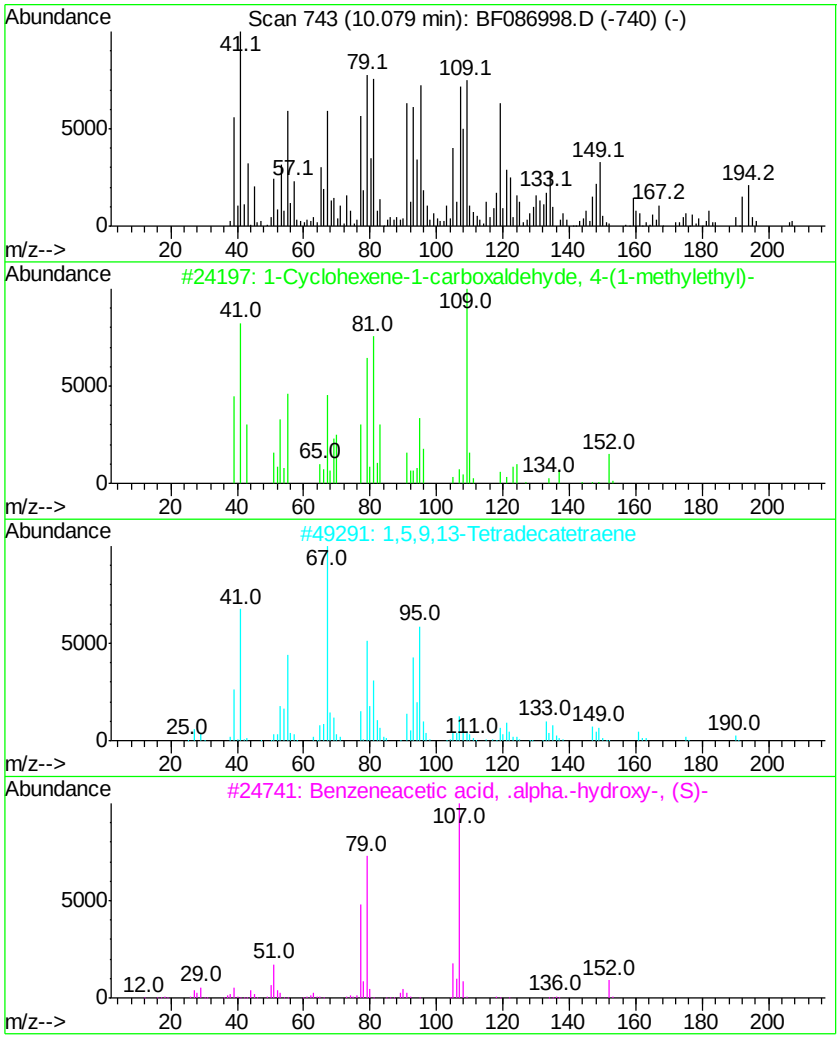
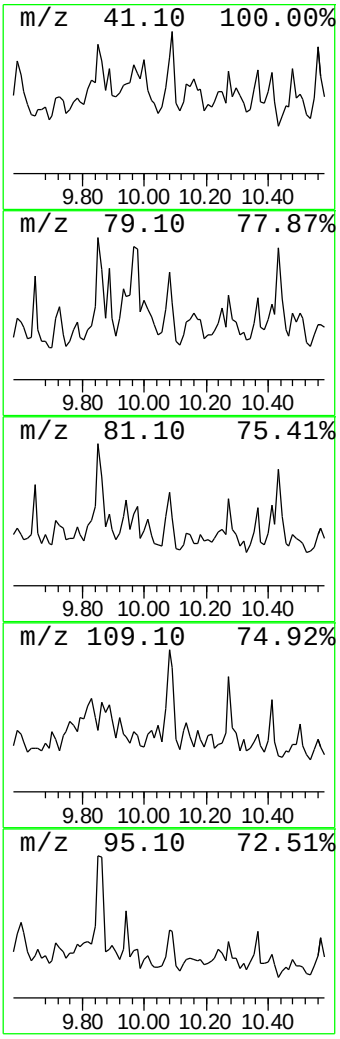
Peak Number 17 1-Cyclohexene-1-carboxaldeh... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	8.66 ng	594965	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	70
2	1,5,9,13-Tetradecatetraene	190	C14H22	051487-38-8	35
3	Benzeneacetic acid, .alpha.-hydr...	152	C8H8O3	017199-29-0	25
4	Ethanone, 1-(3-methylenecyclopen...	124	C8H12O	054829-98-0	25
5	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	25





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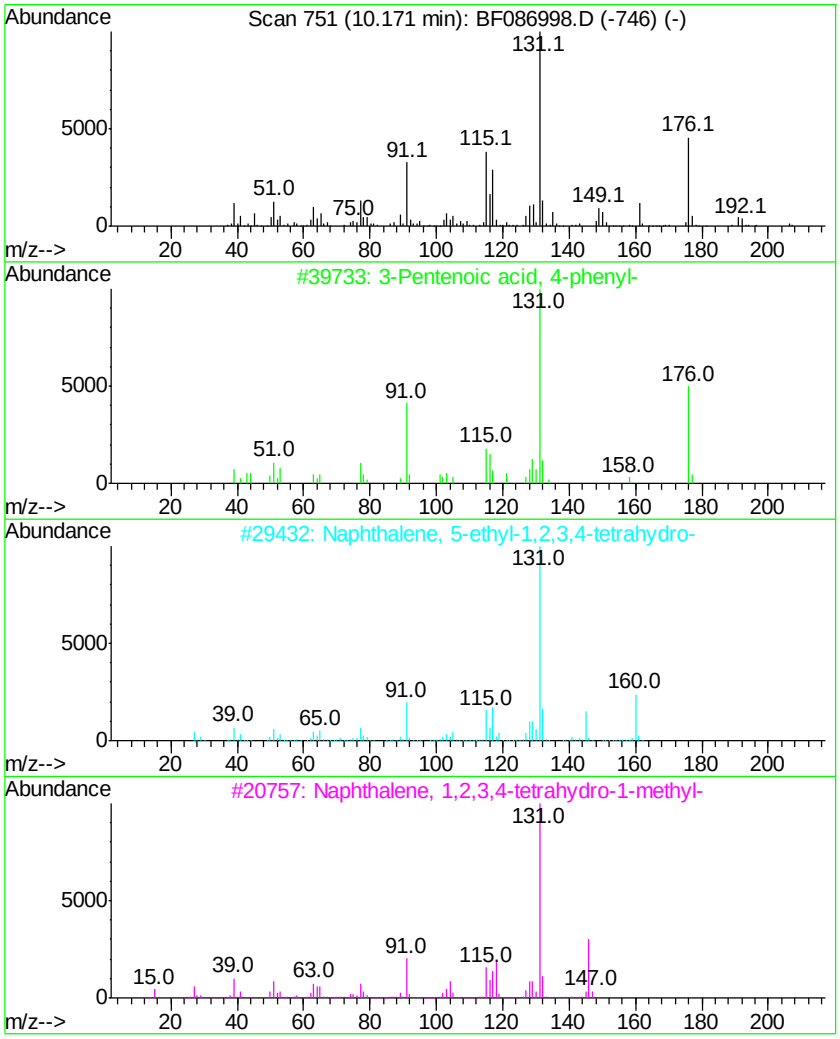
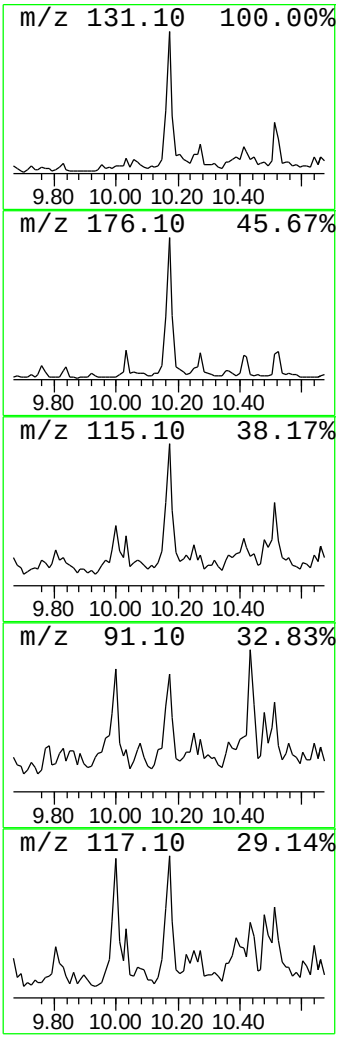
Peak Number 18 3-Pentenoic acid, 4-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	17.76 ng	1220530	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	86
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	47
4	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	43
5	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	43





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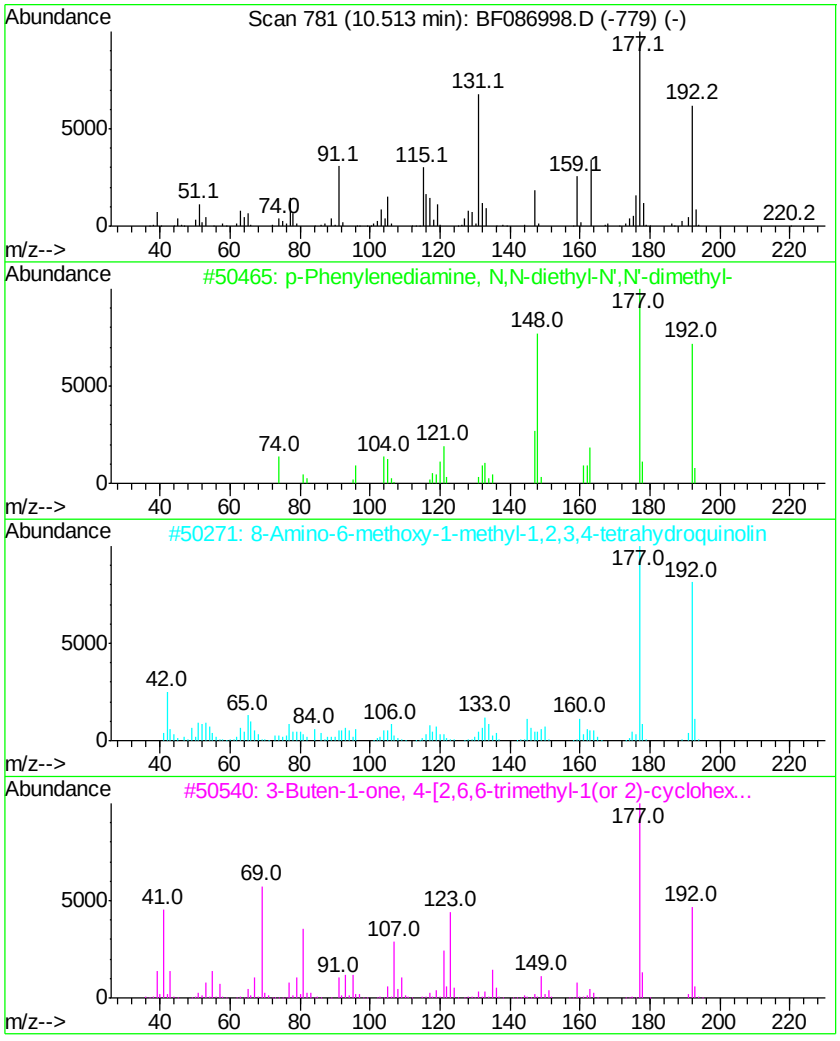
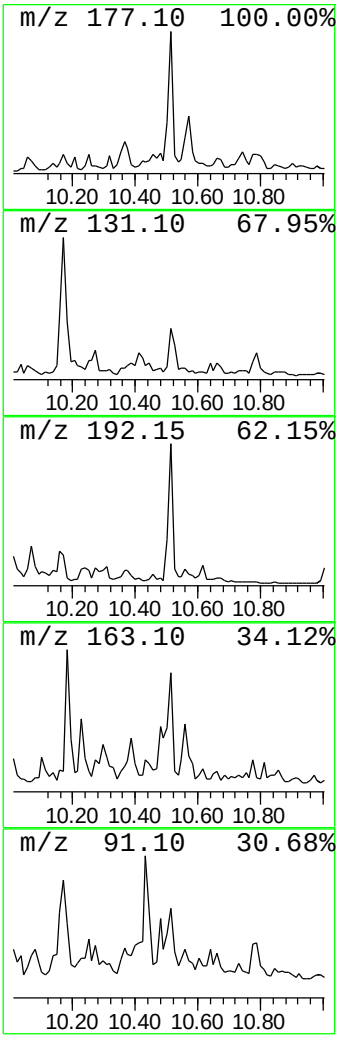
Peak Number 19 p-Phenylenediamine, N,N-die... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	8.49 ng	535866	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Phenylenediamine, N,N-diethyl-...	192	C12H20N2	005775-53-1	52
2	8-Amino-6-methoxy-1-methyl-1,2,3...	192	C11H16N2O	059353-30-9	46
3	3-Buten-1-one, 4-[2,6,6-trimethy...	192	C13H20O	085949-43-5	43
4	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	43
5	Benzeneacetic acid, 4-(1,1-dimet...	192	C12H16O2	032857-63-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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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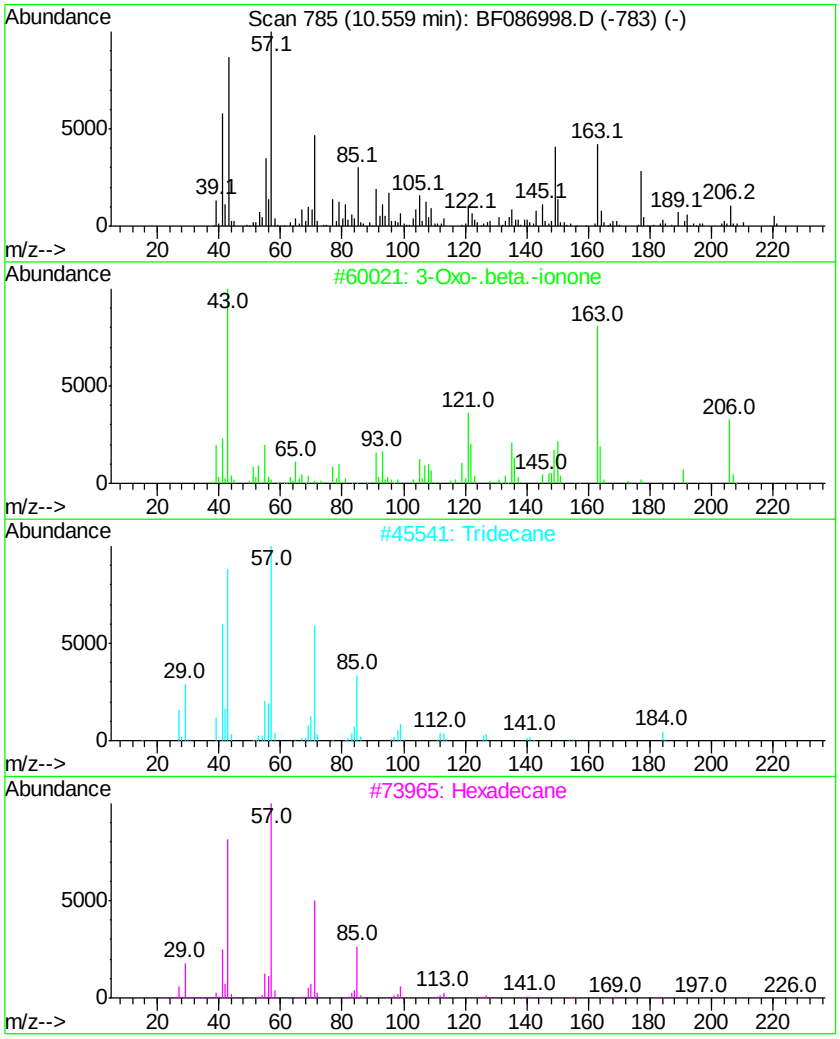
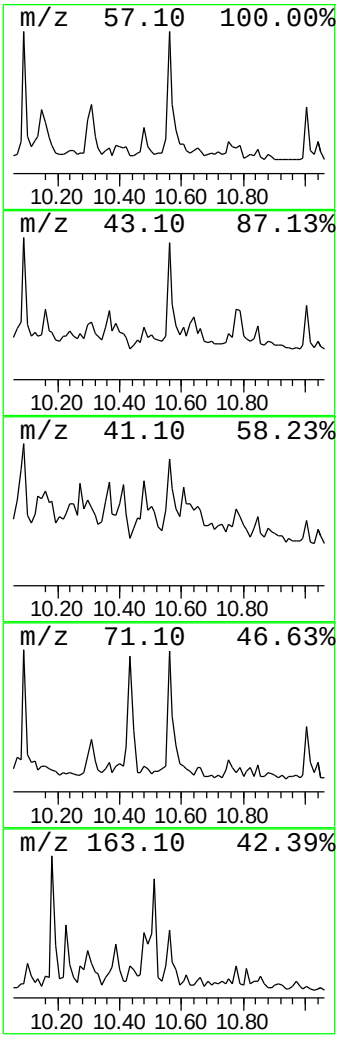
Peak Number 20 unknown10.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.12 ng	449122	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxo-.beta.-ionone	206	C13H18O2	098910-85-1	25
2	Tridecane	184	C13H28	000629-50-5	20
3	Hexadecane	226	C16H34	000544-76-3	20
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	18
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	18





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	6.06	9.4	ng	425166	1	6.62	906302	20.0
unknown6.39	6.39	83.1	ng	3766840	1	6.62	906302	20.0
Oxirane, 2-methyl...	6.56	8.4	ng	379547	1	6.62	906302	20.0
Benzene, 1,4-diet...	6.87	10.9	ng	495343	1	6.62	906302	20.0
Benzene, 1,2-diet...	6.96	10.9	ng	494818	1	6.62	906302	20.0
Benzene, 1,2,3,4-...	7.39	10.9	ng	1120850	2	7.90	2065650	20.0
Benzene, (2-methy...	7.55	6.7	ng	692512	2	7.90	2065650	20.0
Benzene, 1-ethyl-...	7.64	14.3	ng	1473720	2	7.90	2065650	20.0
unknown8.67	8.67	6.4	ng	665364	2	7.90	2065650	20.0
Naphthalene, 1-et...	9.18	8.1	ng	558165	3	9.64	1374260	20.0
Naphthalene, 1,6-...	9.24	14.5	ng	993292	3	9.64	1374260	20.0
Naphthalene, 2,3-...	9.31	13.7	ng	939668	3	9.64	1374260	20.0
unknown9.59	9.59	7.3	ng	501186	3	9.64	1374260	20.0
Naphthalene, 1,6,...	9.96	9.6	ng	661766	3	9.64	1374260	20.0
1-Cyclohexene-1-c...	10.08	8.7	ng	594965	3	9.64	1374260	20.0
3-Pentenoic acid,...	10.17	17.8	ng	1220530	3	9.64	1374260	20.0
p-Phenylenediamin...	10.51	8.5	ng	535866	4	11.13	1262190	20.0
unknown10.56	10.56	7.1	ng	449122	4	11.13	1262190	20.0