LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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	1.987	33	35	53	rVB3	30072	127712	2.46%	0.162%
2	4.673	267	270	273	rBV	36009	87107	1.67%	0.110%
3	4.730	273	275	284	rVB	36972	109533	2.11%	0.139%
4	5.324	326	327	341	rBV	529845	1743603	33.52%	2.208%
5	6.090	392	394	401	rBV	109637	185720	3.57%	0.235%
6	6.993	471	473	478	rBV	469610	990268	19.04%	1.254%
7	7.073	478	480	497	rVV	2166975	3906031	75.09%	4.945%
8	7.347	497	504	508	rVV2	283475	553974	10.65%	0.701%
9	7.416	508	510	519	rVB	464594	852231	16.38%	1.079%
10	7.656	528	531	532	rBV	2024997	2948883	56.69%	3.733%
11	7.679	532	533	540	rVV	849256	1240215	23.84%	1.570%
12	7.839	544	547	554	rVB	626091	918817	17.66%	1.163%
13	7.965	554	558	568	rBV2	452797	1181686	22.72%	1.496%
14	8.296	582	587	590	rBV2	1576991	4538685	87.25%	5.746%
15	8.342	590	591	598	rVV2	1990632	2926417	56.25%	3.705%
16	8.479	598	603	604	rVV2	123817	288965	5.55%	0.366%
17	8.513	604	606	610	rVB	253425	366665	7.05%	0.464%
18	8.662	617	619	624	rVB	819284	1260391	24.23%	1.596%
19	8.776	624	629	634	rVB3	103636	248116	4.77%	0.314%
20	8.868	634	637	639	rVB	124970	151508	2.91%	0.192%
21	8.948	639	644	648	rBV2	593870	1114739	21.43%	1.411%
22	9.062	649	654	659	rVB2	2252147	5202113	100.00%	6.586%
23	9.142	659	661	662	rBV	110043	145038	2.79%	0.184%
24	9.222	666	668	671	rVB	112856	174747	3.36%	0.221%
25	9.302	671	675	677	rBV	120390	261675	5.03%	0.331%
26	9.359	677	680	684	rBV2	173405	404121	7.77%	0.512%
27	9.451	684	688	691	rBV2	919079	1500709	28.85%	1.900%
28	9.496	691	692	693	rVV	179176	208366	4.01%	0.264%
29	9.553	693	697	700	rVB3	394351	984619	18.93%	1.247%
30	9.645	703	705	706	rBV	166173	235778	4.53%	0.299%
31	9.679	706	708	710	rVB2	200687	256316	4.93%	0.325%
32	9.736	710	713	715	rVB	181469	306794	5.90%	0.388%
33	9.782	715	717	720	rVB	314248	380391	7.31%	0.482%
34	9.851	720	723	726	rVB	403134	573486	11.02%	0.726%

LSC Area Percent Report

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Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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	9.919	726	729	732	rBV	293278	508970	9.78%	0.644%
36	9.988	732	735	739	rBV5	127393	463904	8.92%	0.587%
37	10.056	739	741	743	rVB	209349	266257	5.12%	0.337%
38	10.102	743	745	746	rBV	61059	66214	1.27%	0.084%
39	10.136	746	748	750	rVB	56256	80477	1.55%	0.102%
40	10.228	750	756	758	rBV	364383	702477	13.50%	0.889%
41	10.273	758	760	764	rVV	826083	1550496	29.81%	1.963%
42	10.365	766	768	771	rVB2	80558	137370	2.64%	0.174%
43	10.422	771	773	775	rVB	103749	120911	2.32%	0.153%
44	10.491	775	779	780	rBV4	115572	252737	4.86%	0.320%
45	10.525	780	782	784	rVV	682297	781361	15.02%	0.989%
46	10.582	784	787	789	rVB2	165324	325048	6.25%	0.412%
47	10.731	796	800	802	rBV	201547	502639	9.66%	0.636%
48	10.811	805	807	809	rVV2	221504	455868	8.76%	0.577%
49	10.891	812	814	816	rVV2	230260	395128	7.60%	0.500%
50	10.948	816	819	821	rVV4	168797	388850	7.47%	0.492%
51	11.016	822	825	827	rVB2	319203	566565	10.89%	0.717%
52	11.051	827	828	830	rVB	152351	168436	3.24%	0.213%
53	11.119	830	834	836	rBV3	308358	731719	14.07%	0.926%
54	11.176	836	839	840	rBV2	232302	450238	8.65%	0.570%
55	11.234	840	844	848	rVB	3174011	4942865	95.02%	6.258%
56	11.302	848	850	851	rBV	71162	82730	1.59%	0.105%
57	11.382	854	857	860	rVB2	142668	261187	5.02%	0.331%
58	11.451	861	863	867	rVB3	210516	344730	6.63%	0.436%
59	11.531	867	870	873	rBV2	337913	915379	17.60%	1.159%
60	11.599	873	876	877	rBV2	95074	163267	3.14%	0.207%
61	11.634	877	879	882	rVB2	428917	837289	16.10%	1.060%
62	11.691	882	884	885	rBV	133659	175026	3.36%	0.222%
63	11.748	886	889	894	rVB3	526422	1057826	20.33%	1.339%
64	11.851	894	898	901	rBV4	260220	784370	15.08%	0.993%
65	11.942	901	906	909	rBV3	408900	1075923	20.68%	1.362%
66	12.022	911	913	915	rBV2	183122	377380	7.25%	0.478%
67	12.182	926	927	929	rBV	114936	207388	3.99%	0.263%
68	12.228	929	931	932	rVV2	123991	204291	3.93%	0.259%
69	12.274	932	935	938	rVV2	854365	1383492	26.59%	1.752%
70	12.399	943	946	950	rVB2	426685	743976	14.30%	0.942%
71	12.479	950	953	955	rBV3	257915	499478	9.60%	0.632%

LSC Area Percent Report

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Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

72	12.594	960	963	967	rBV3	458745	1218446	23.42%	1.543%
73	12.719	970	974	975	rVV2	148298	410035	7.88%	0.519%
74	12.765	975	978	980	rVB2	327116	594731	11.43%	0.753%
75	12.822	980	983	985	rBV4	135254	360451	6.93%	0.456%
76	12.868	985	987	990	rVV3	214886	425219	8.17%	0.538%
77	12.914	990	991	993	rVV	200126	208788	4.01%	0.264%
78	12.948	993	994	997	rVV3	110925	203605	3.91%	0.258%
79	13.017	998	1000	1003	rVB	273372	498664	9.59%	0.631%
80	13.085	1003	1006	1009	rBV2	155508	349666	6.72%	0.443%
81	13.154	1010	1012	1015	rVB3	149113	185778	3.57%	0.235%
82	13.245	1018	1020	1022	rVB2	202737	263394	5.06%	0.333%
83	13.382	1026	1032	1034	rBV2	613501	1421942	27.33%	1.800%
84	13.417	1034	1035	1037	rVB2	159910	209901	4.03%	0.266%
85	13.577	1047	1049	1052	rBV	2010302	2975747	57.20%	3.768%
86	13.622	1052	1053	1055	rVB	154356	236207	4.54%	0.299%
87	13.737	1061	1063	1064	rBV	56885	90708	1.74%	0.115%
88	13.771	1064	1066	1069	rBV3	224737	518353	9.96%	0.656%
89	13.897	1075	1077	1084	rVB5	137286	446295	8.58%	0.565%
90	14.045	1085	1090	1097	rVB6	161018	446729	8.59%	0.566%
91	14.205	1102	1104	1108	rVB2	61641	104244	2.00%	0.132%
92	14.388	1115	1120	1124	rBV3	172827	418889	8.05%	0.530%
93	14.502	1128	1130	1132	rBV2	81205	134360	2.58%	0.170%
94	14.685	1143	1146	1150	rBV	778668	1282293	24.65%	1.623%
95	14.811	1155	1157	1159	rVB	68772	99612	1.91%	0.126%
96	15.691	1231	1234	1241	rVB2	128030	222248	4.27%	0.281%
97	16.777	1327	1329	1333	rBV2	87139	144808	2.78%	0.183%
98	17.040	1349	1352	1355	rBV	2942537	4509524	86.69%	5.709%
99	18.400	1469	1471	1479	rBV	614112	978646	18.81%	1.239%
100	20.092	1616	1619	1629	rBV	278165	677615	13.03%	0.858%

Sum of corrected areas: 78984579

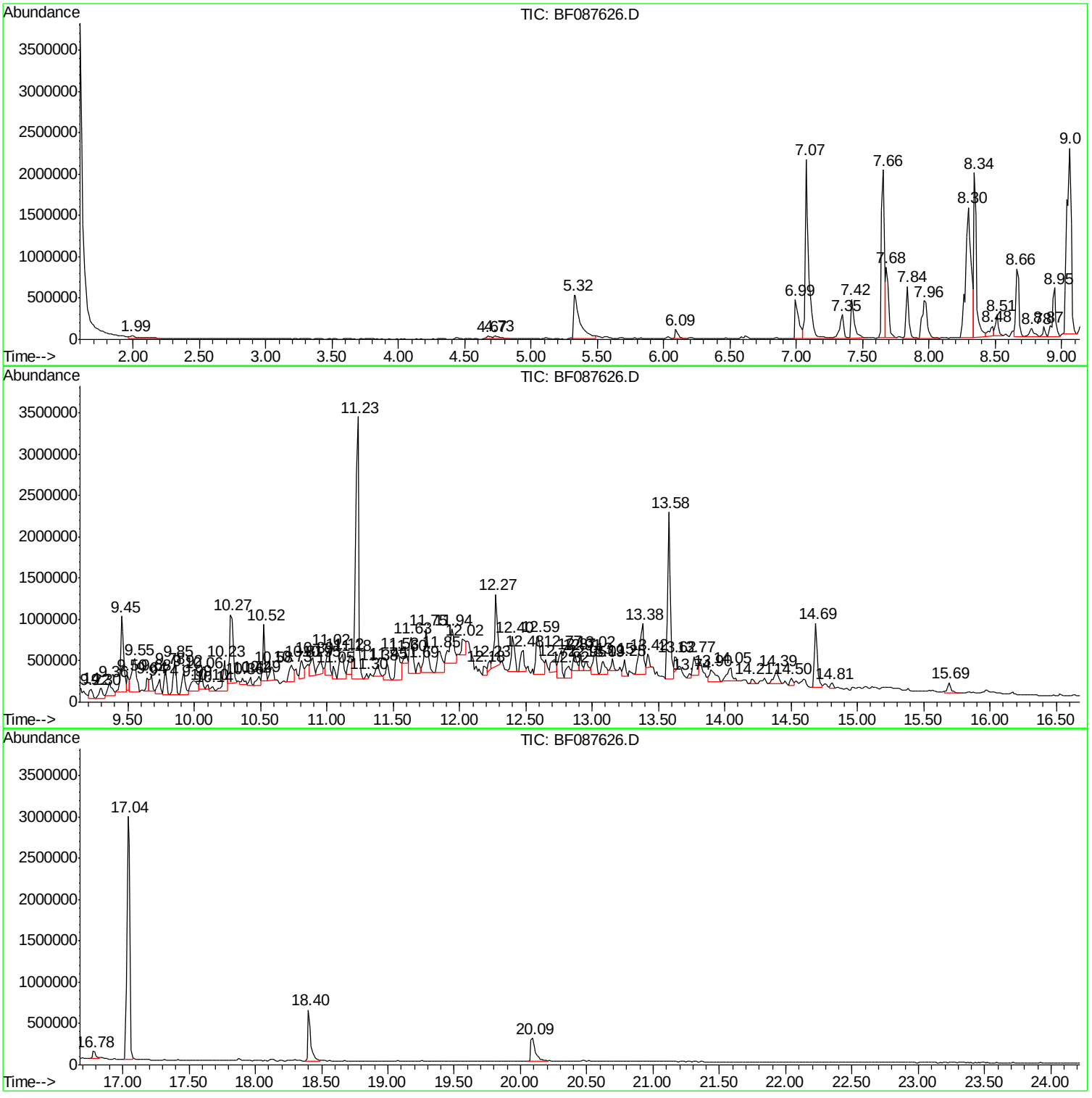
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
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Instrument : BNA_F
ClientSampleId : W-05

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

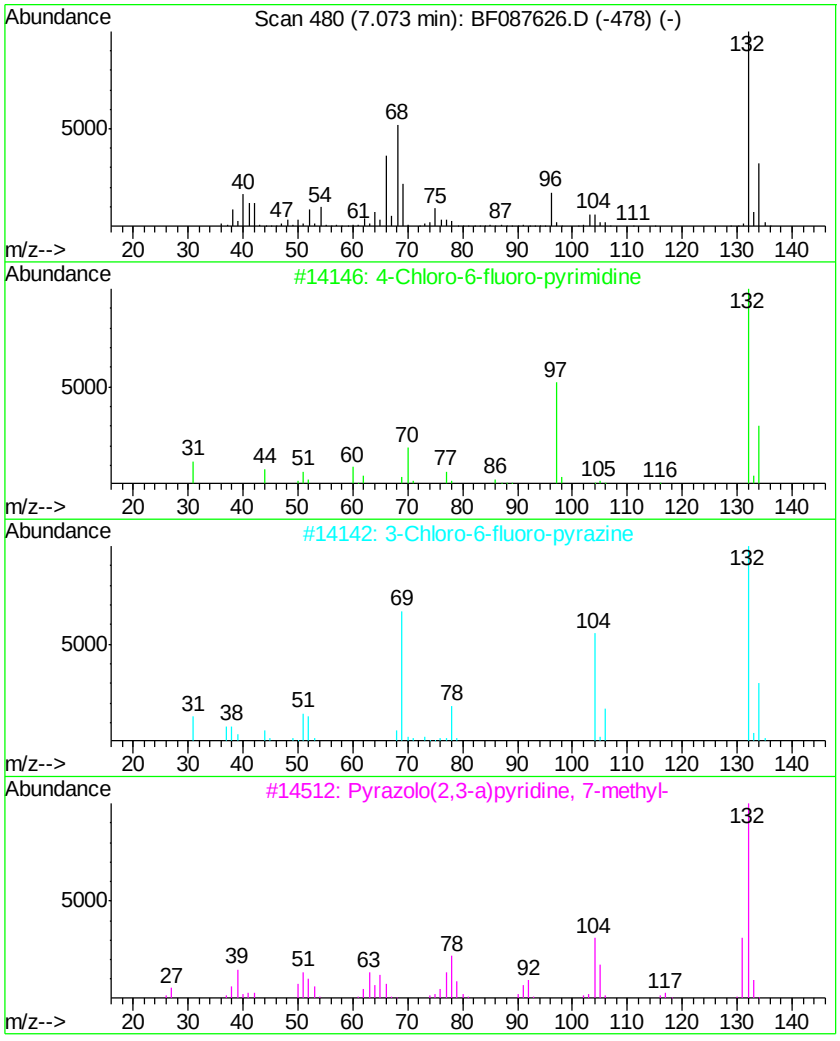
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

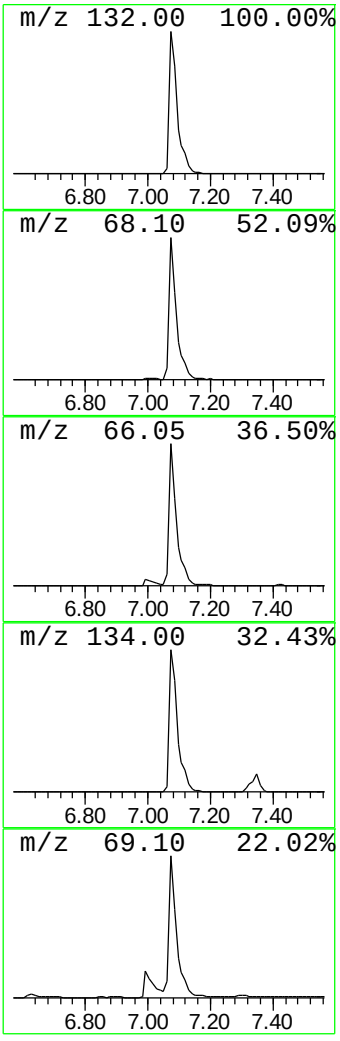
****

Peak Number 1 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	91.67 ng	3906030	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

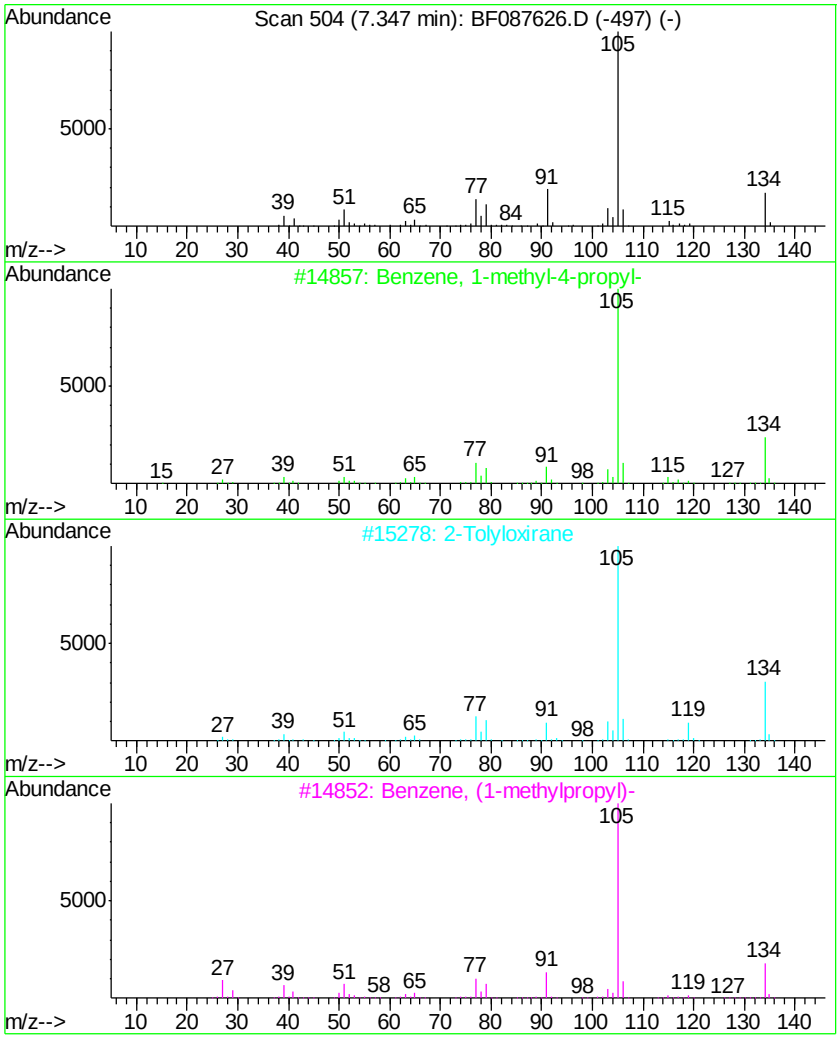
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

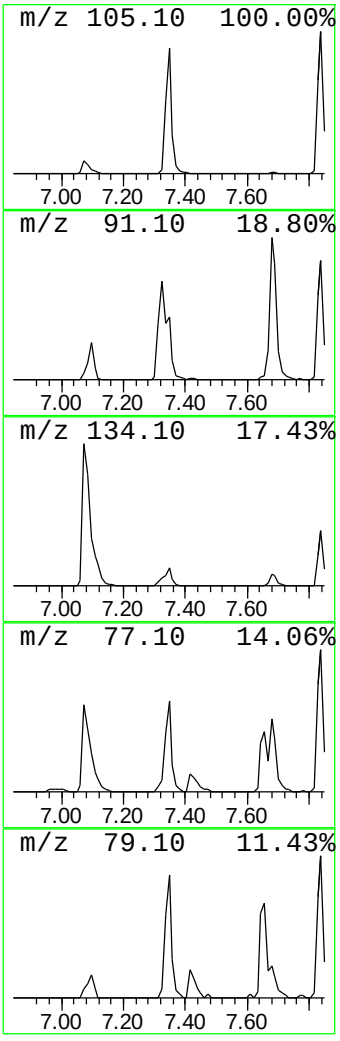
****

Peak Number 2 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	13.00 ng	553974	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	2-Tolyloxirane	134	C9H10O	002783-26-8	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

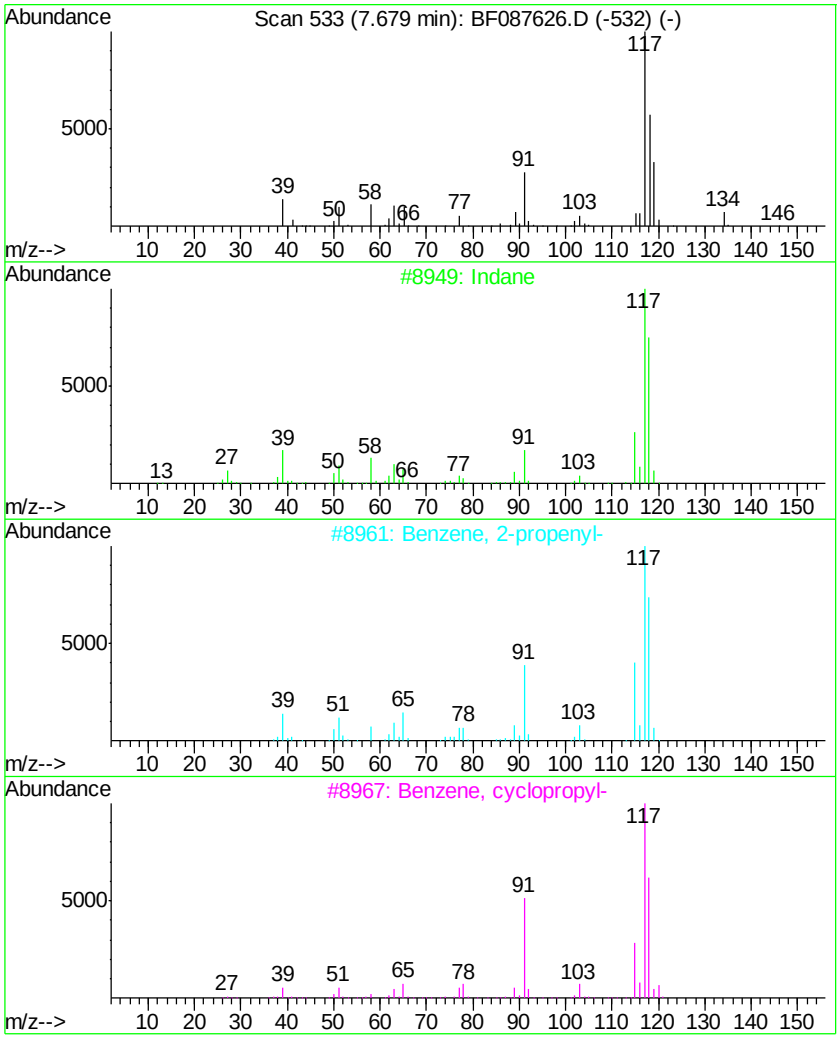
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

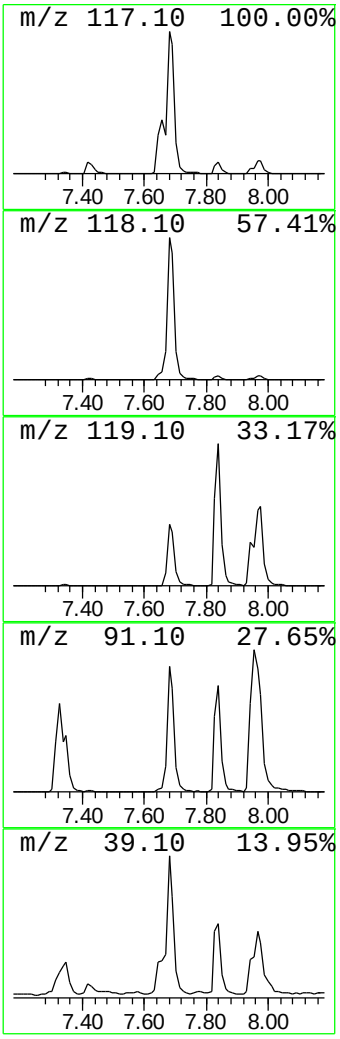
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	29.11 ng	1240220	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

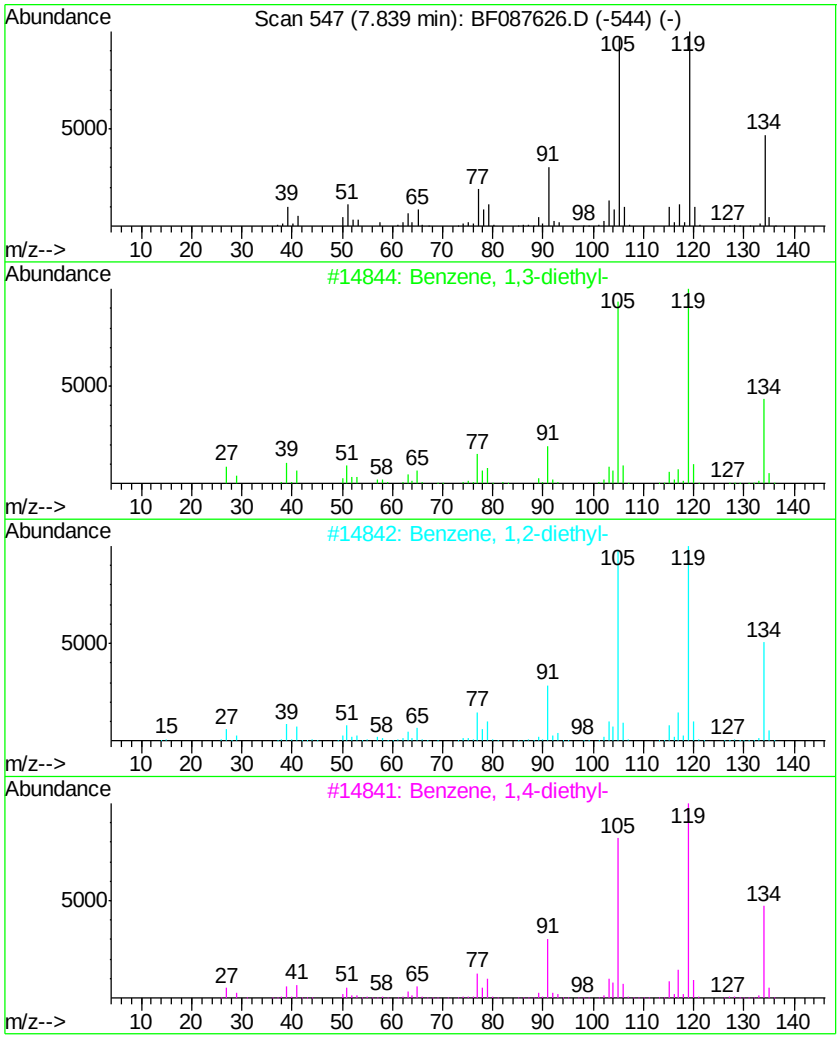
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

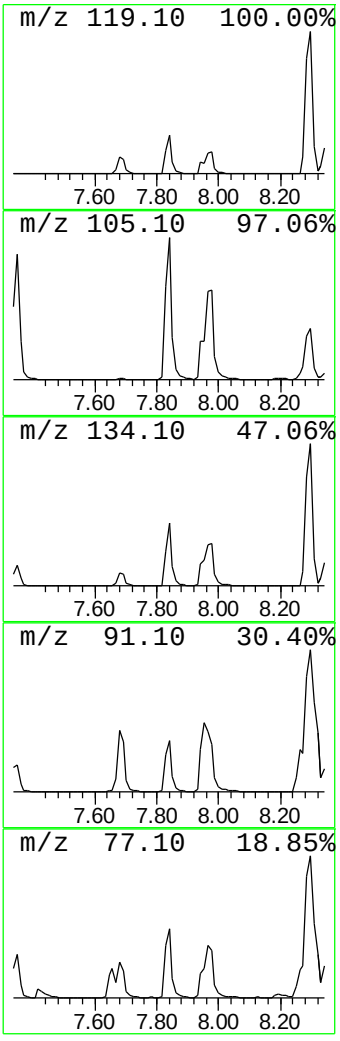
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	21.56 ng	918817	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

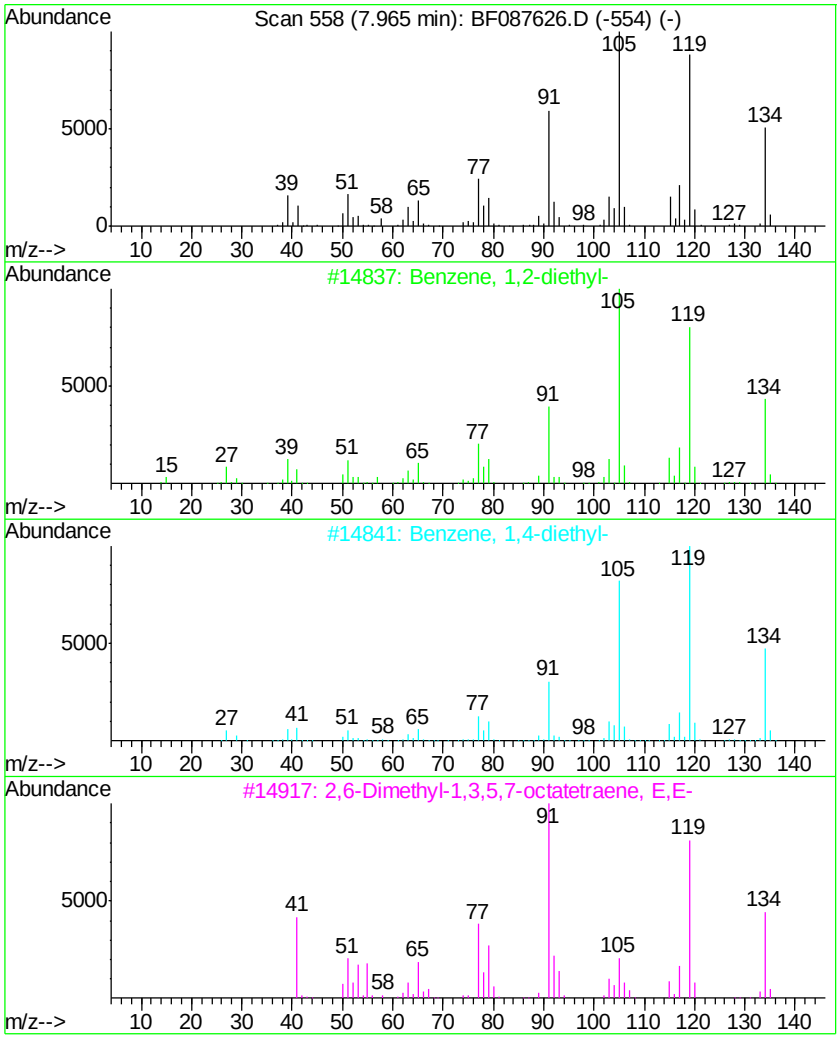
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

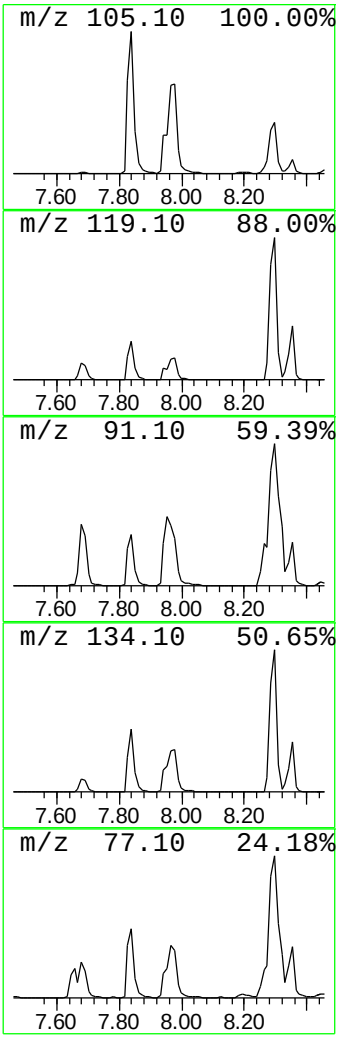
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	27.73 ng	1181690	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
4	Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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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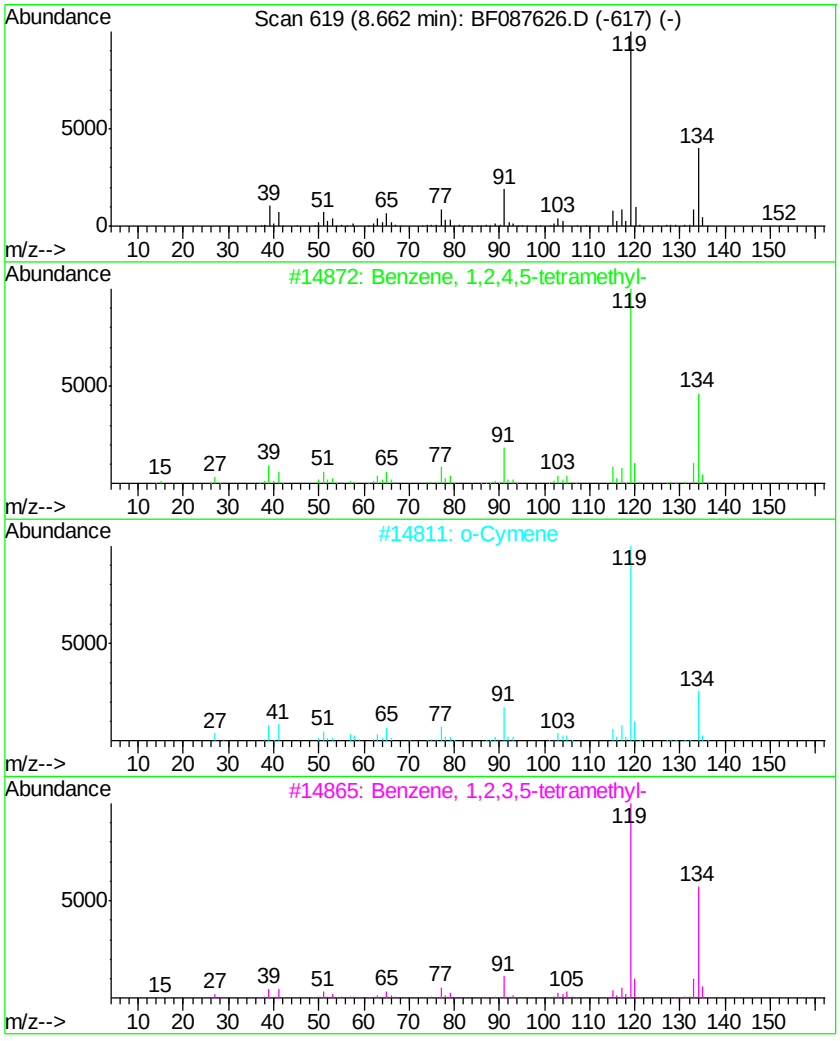
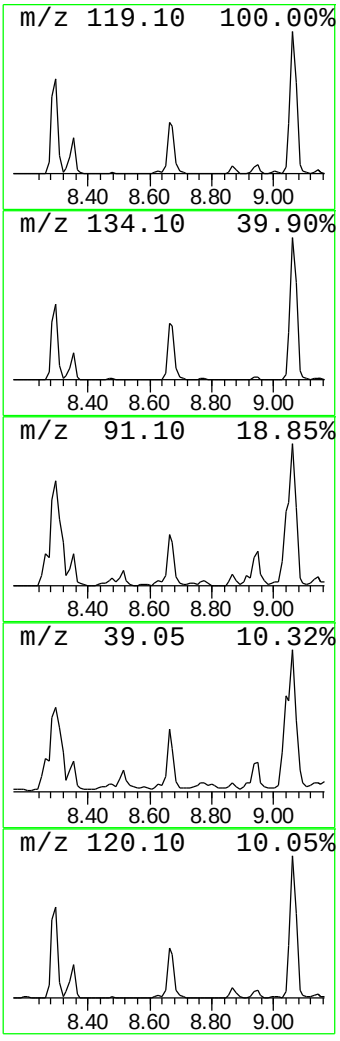
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	16.80 ng	1260390	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

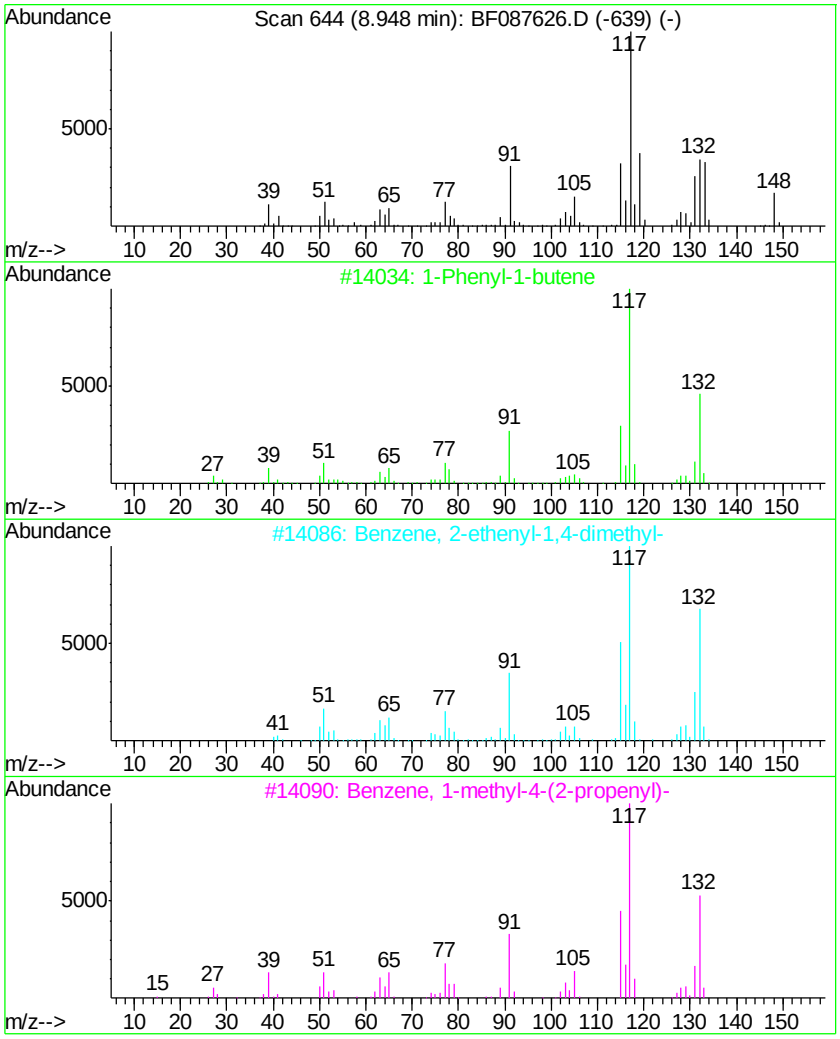
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

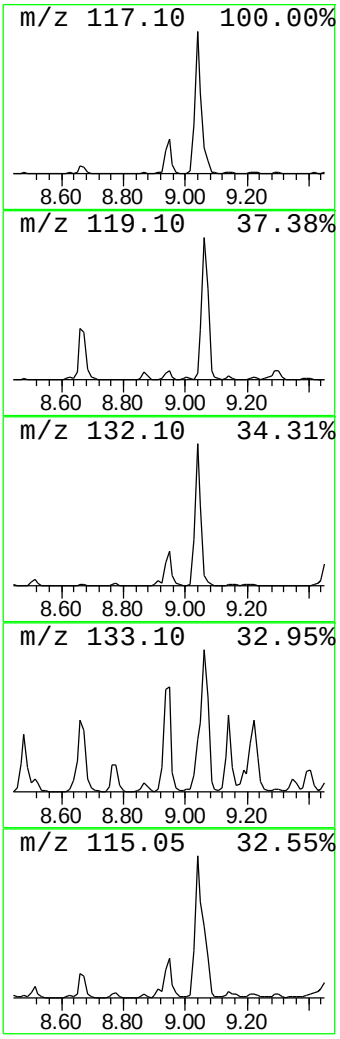
****

Peak Number 8 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	14.86 ng	1114740	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





Library Search Compound Report

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Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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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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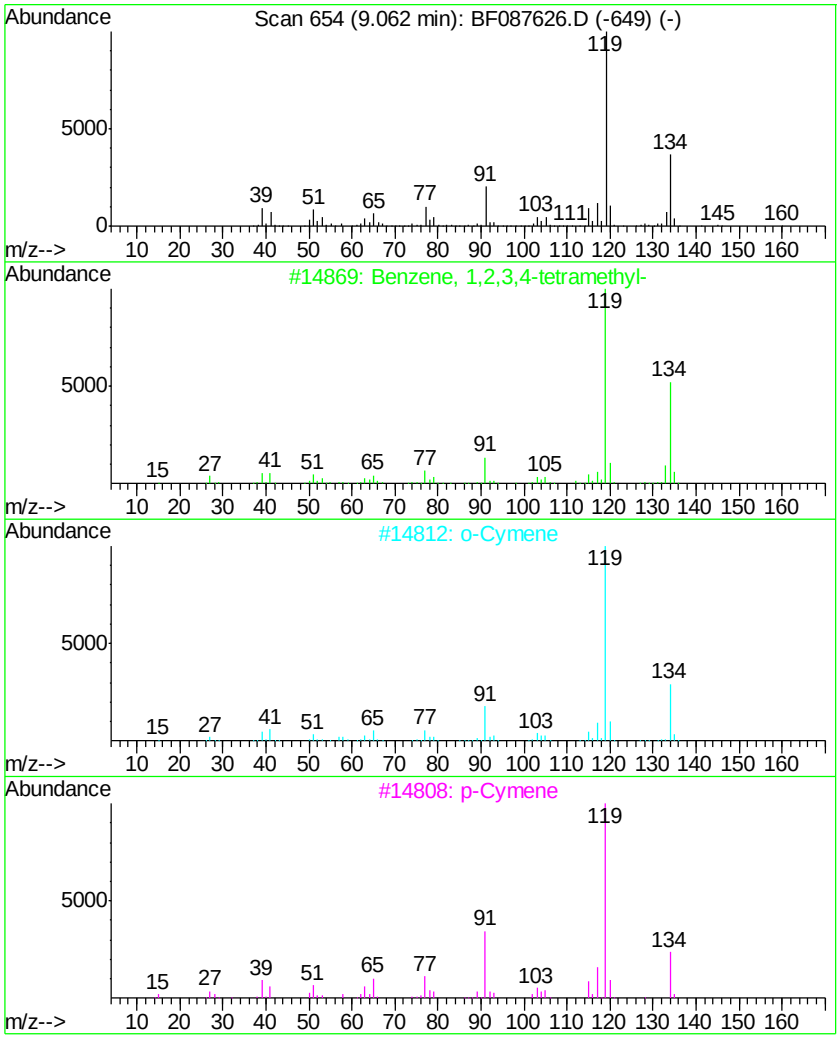
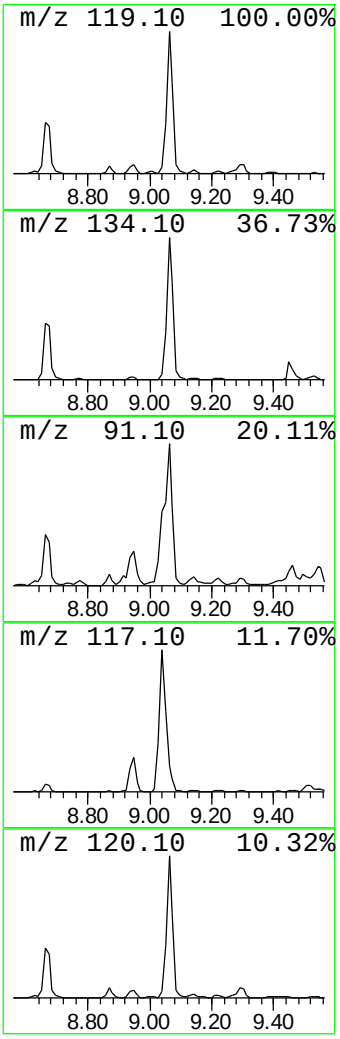
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	69.33 ng	5202110	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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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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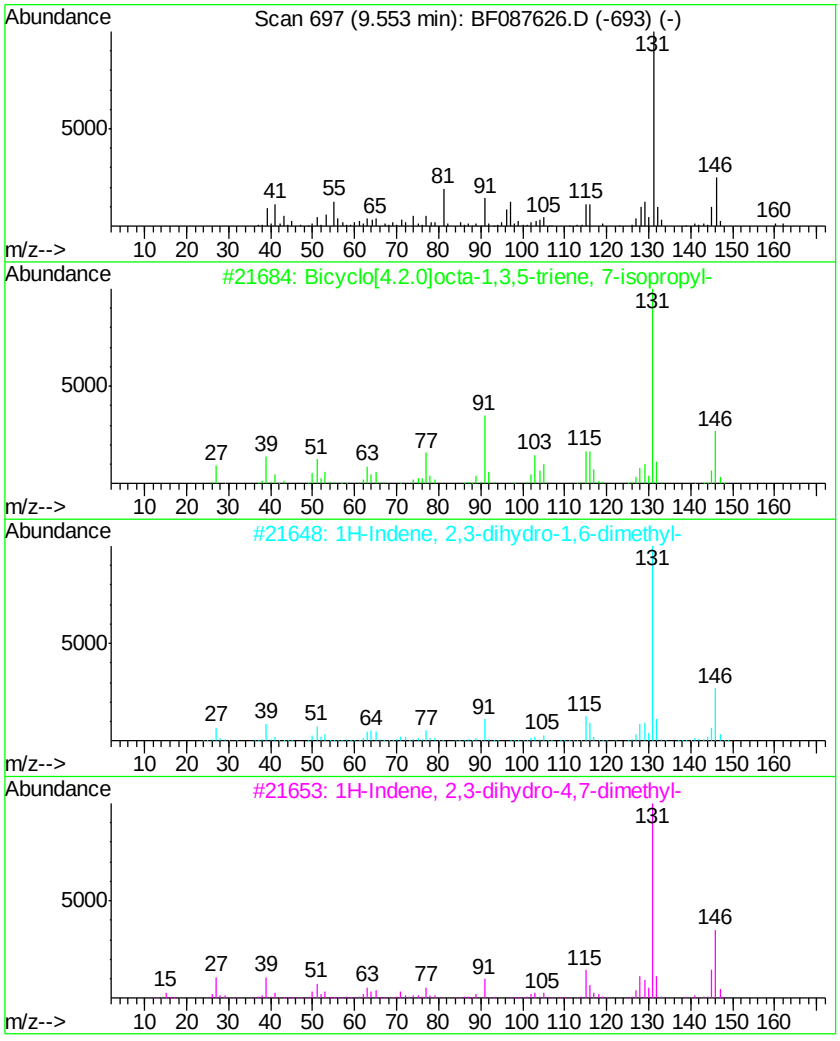
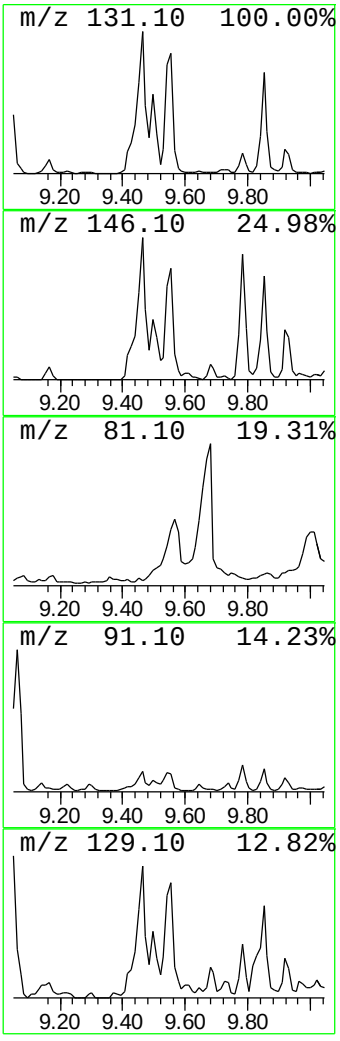
Peak Number 10 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	13.12 ng	984619	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87





Library Search Compound Report

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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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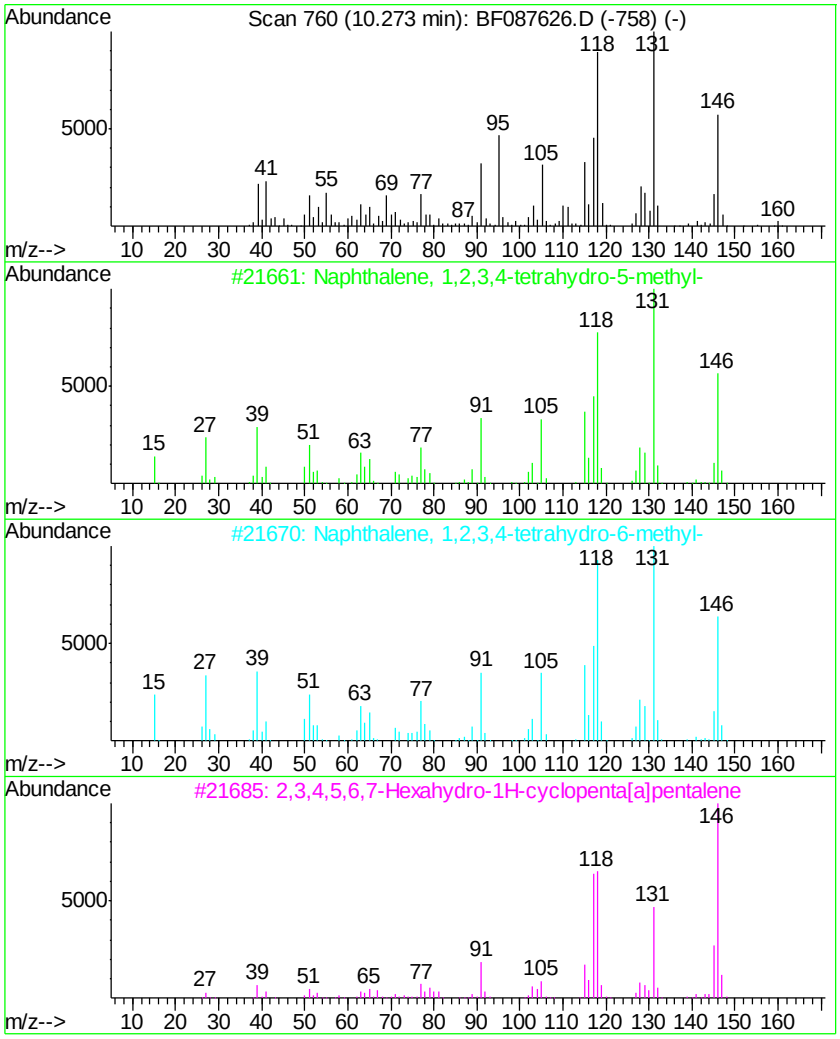
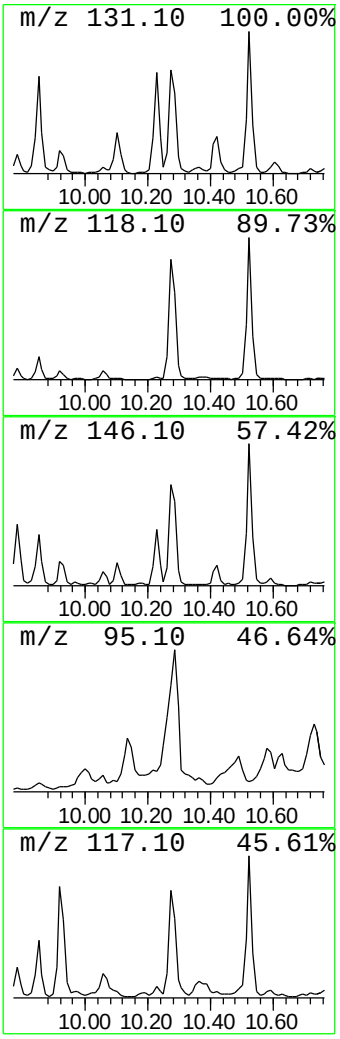
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	20.66 ng	1550500	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64





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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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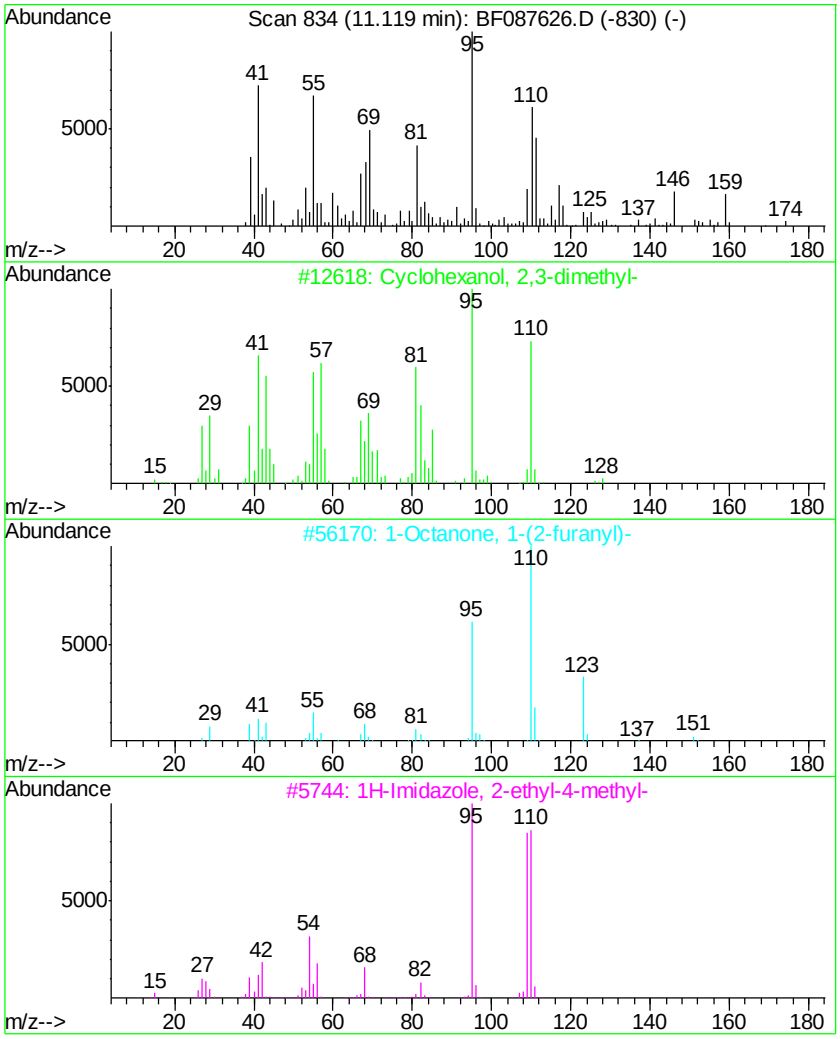
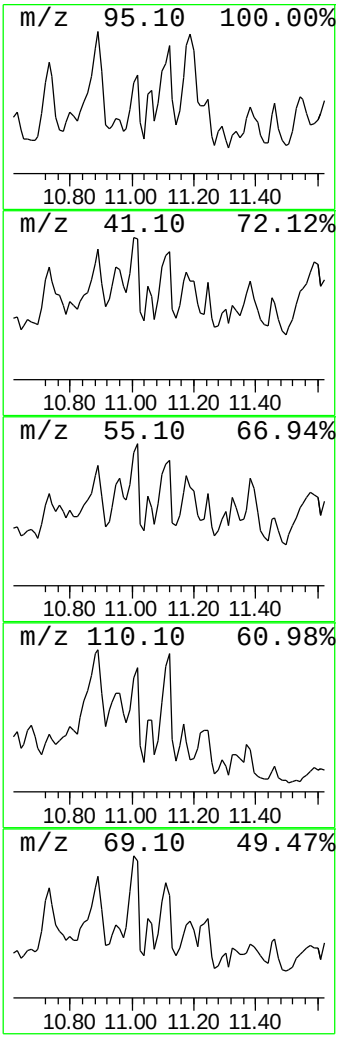
Peak Number 12 unknown11.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	10.58 ng	731719	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	49
2	1-Octanone, 1-(2-furanyl)-	194	C12H18O2	005456-77-9	47
3	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	46
4	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	46
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	46





Library Search Compound Report

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Sample : H3349-01
Misc :
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Instrument : BNA_F
ClientSampleId : W-05

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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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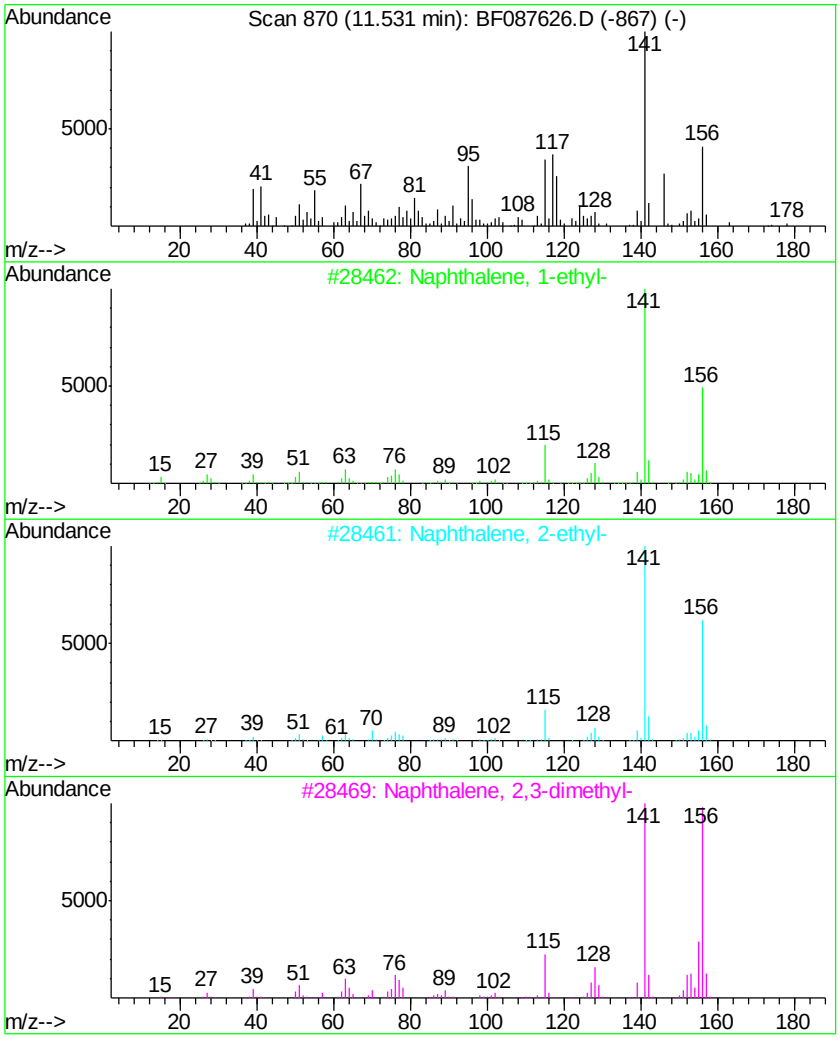
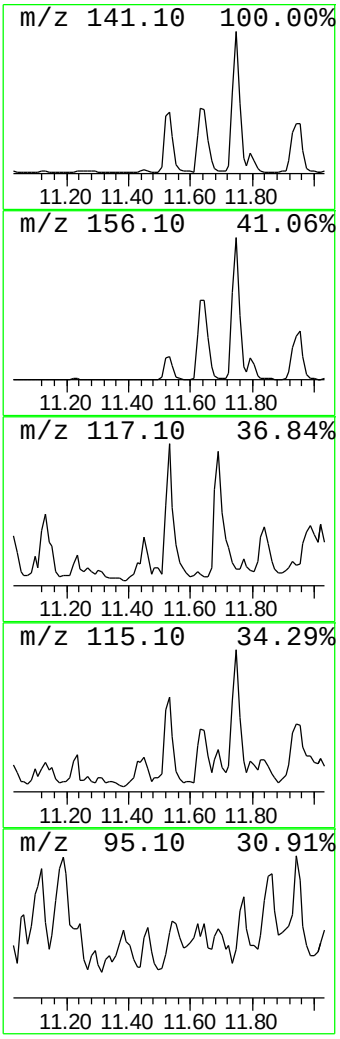
Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	13.23 ng	915379	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	55
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	53
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	47
5	2-Pyrimidinethiol, 4,5-dihydro-4...	156	C7H12N2S	1000319-31-6	43





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Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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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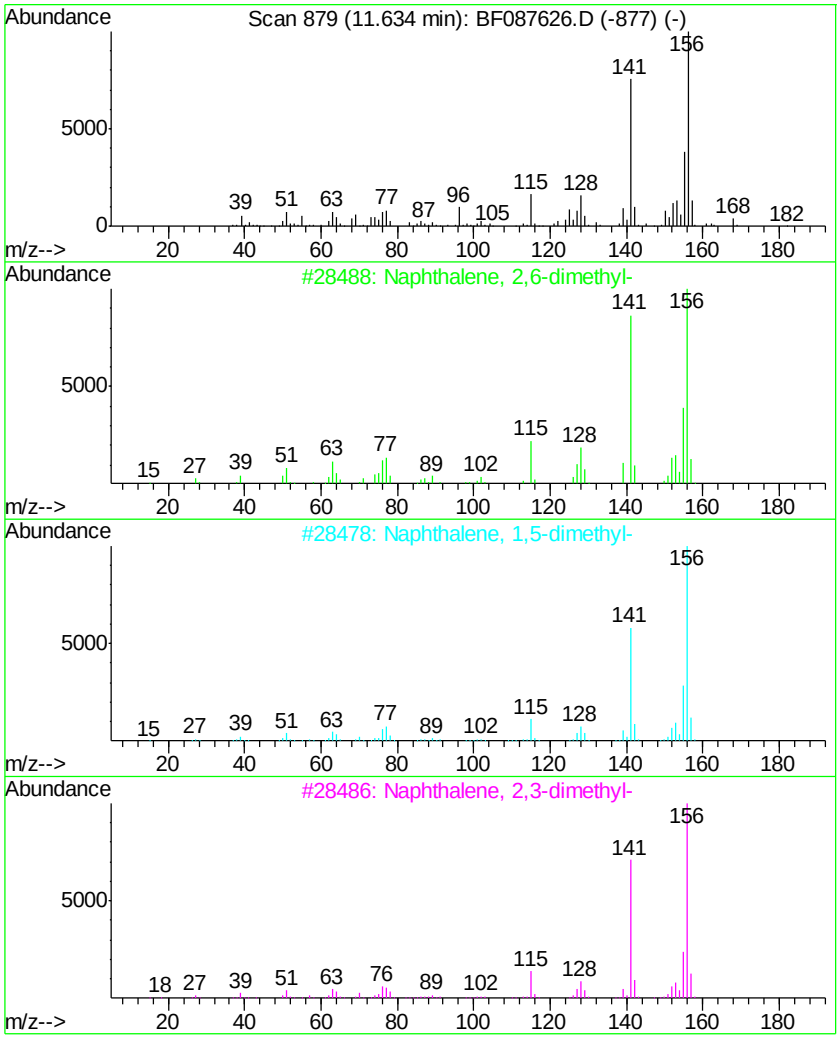
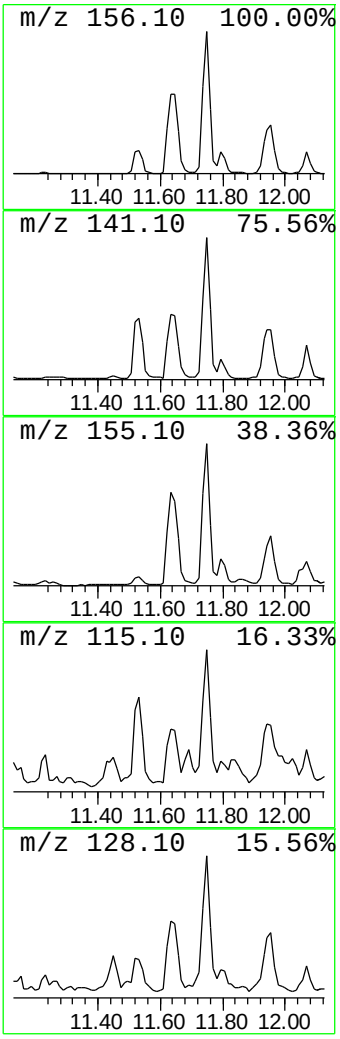
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	12.10 ng	837289	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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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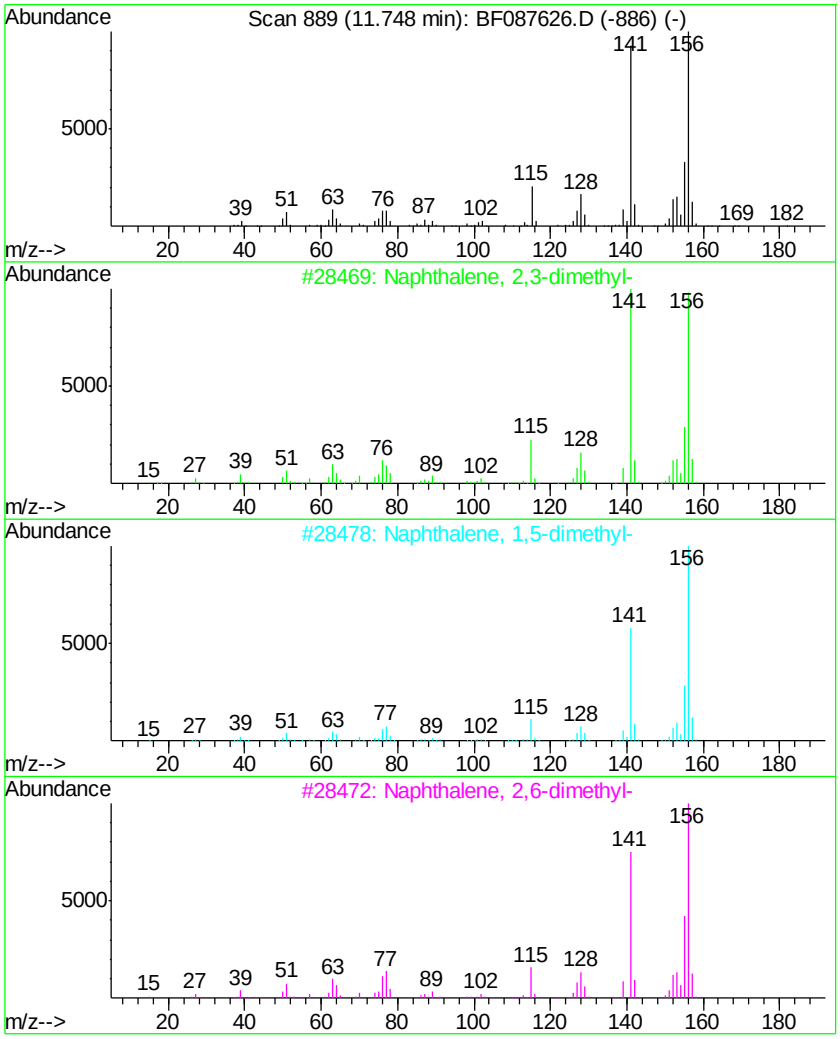
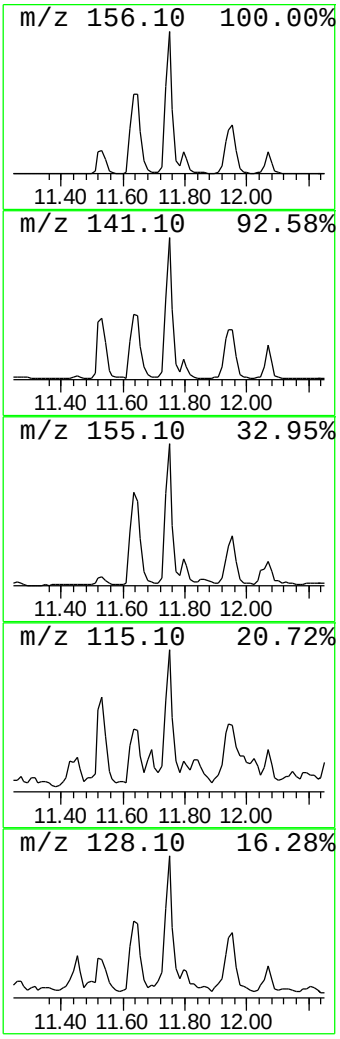
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	15.29 ng	1057830	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Misc :
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ClientSampleId : W-05

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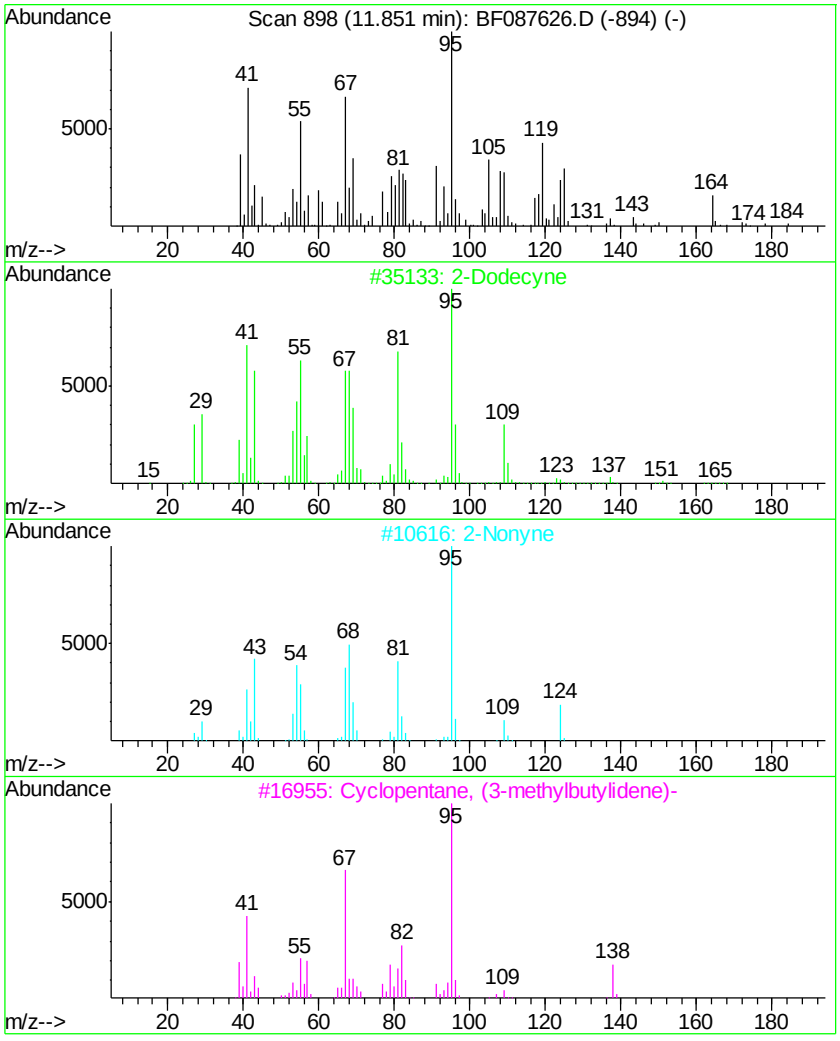
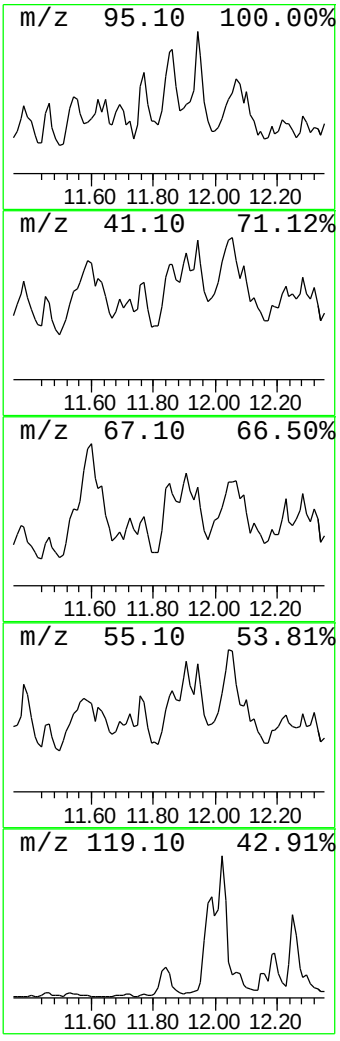
Peak Number 16 unknown11.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	11.34 ng	784370	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecyne	166	C12H22	000629-49-2	43
2	2-Nonyne	124	C9H16	019447-29-1	35
3	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	35
4	1,4-Cyclohexanedimethanol	144	C8H16O2	000105-08-8	35
5	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	35





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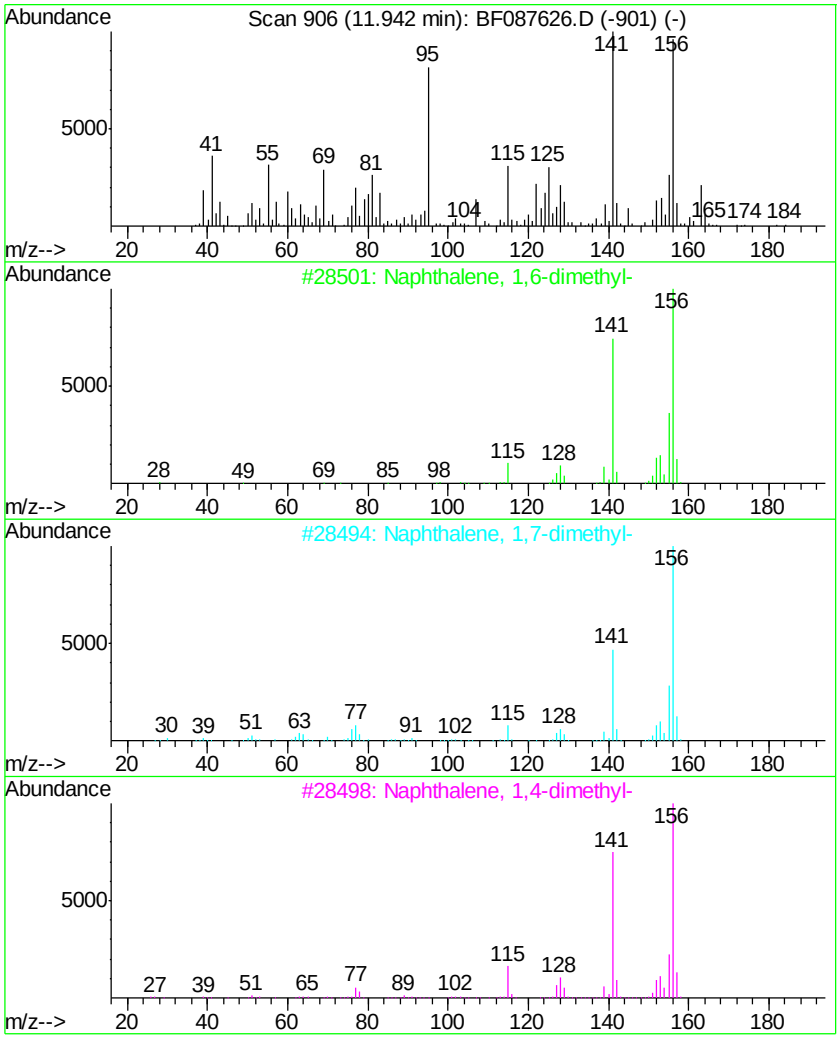
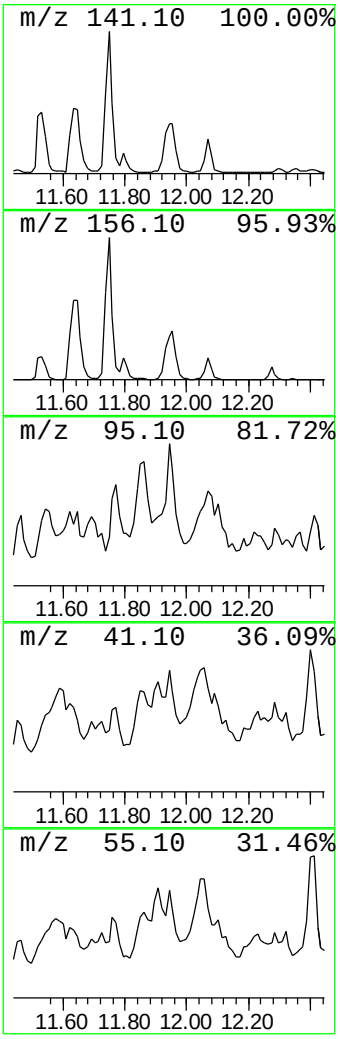
Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	15.55 ng	1075920	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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TIC Library : C:\Database\NIST11.L
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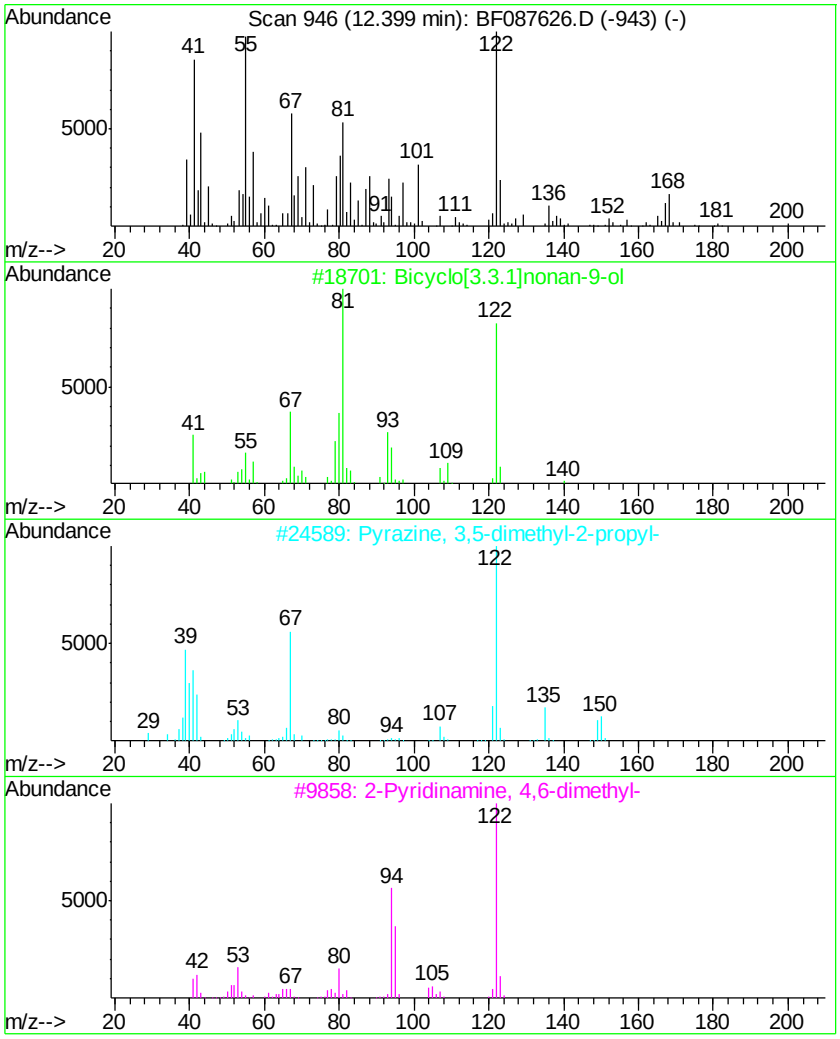
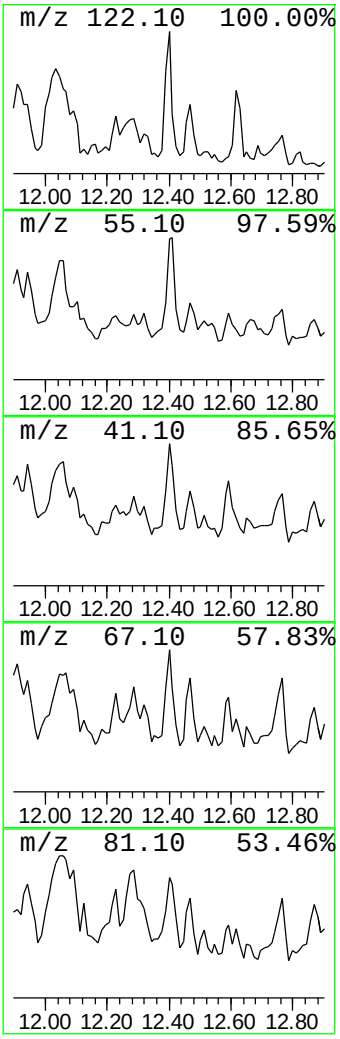
Peak Number 18 unknown12.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	10.76 ng	743976	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	37
2	Pyrazine, 3,5-dimethyl-2-propyl-	150	C9H14N2	032350-16-6	25
3	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	22
4	2-Fluorophenethyl alcohol, trifl...	236	C10H8F4O2	1000365-04-5	16
5	4-Fluorophenethyl alcohol, trifl...	236	C10H8F4O2	1000365-00-1	16





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Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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

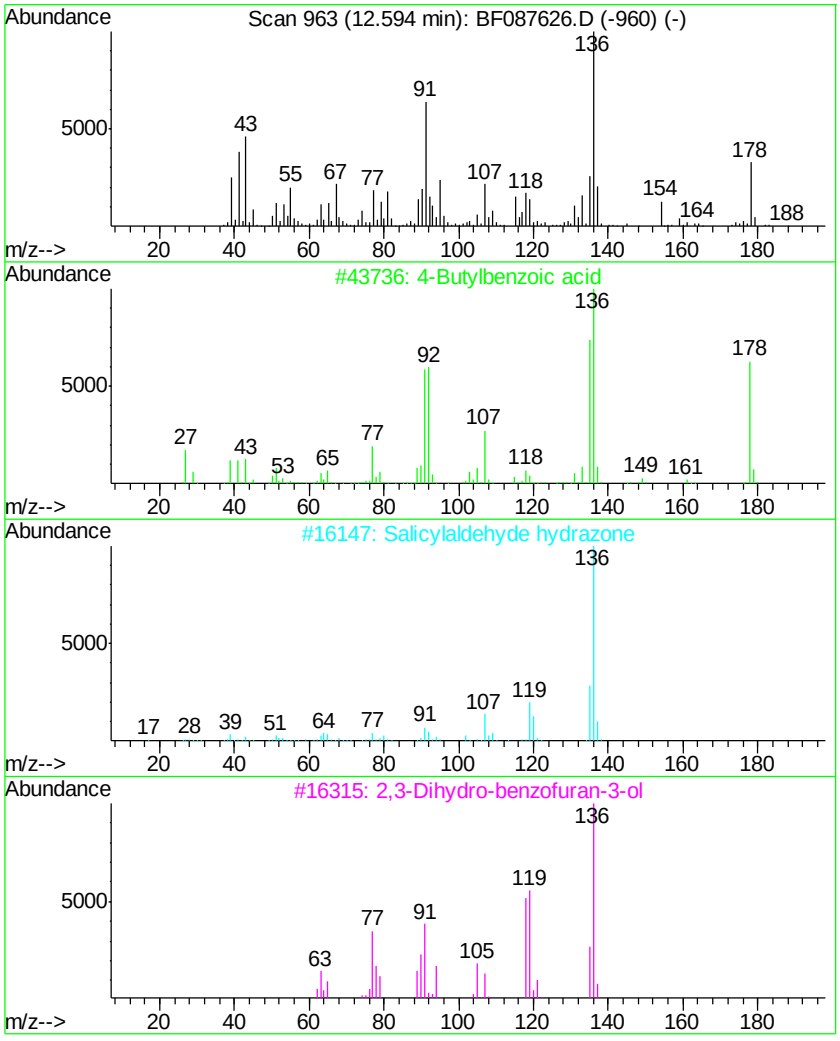
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

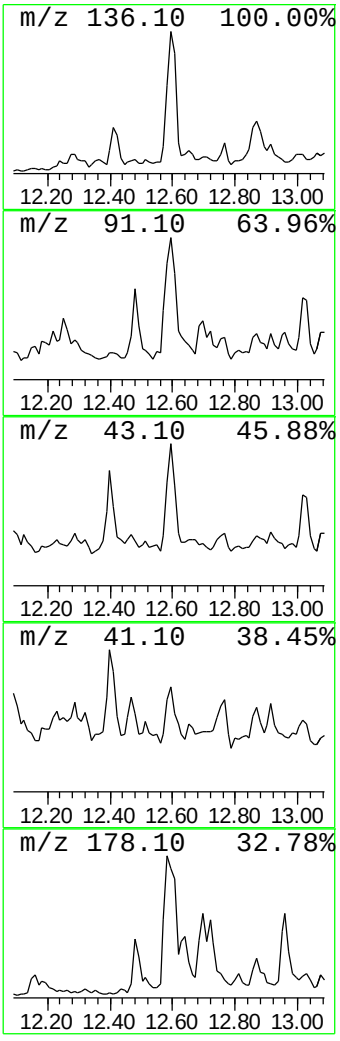
****

Peak Number 19 unknown12.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	17.61 ng	1218450	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butylbenzoic acid	178	C11H14O2	020651-71-2	47
2	Salicylaldehyde hydrazone	136	C7H8N2O	003291-00-7	46
3	2,3-Dihydro-benzofuran-3-ol	136	C8H8O2	1000146-26-4	43
4	2-Hydroxy-5-methylbenzaldehyde	136	C8H8O2	000613-84-3	43
5	5-Cyano-1,2,3,4-tetrahydro-6-met...	136	C7H8N2O	027036-90-4	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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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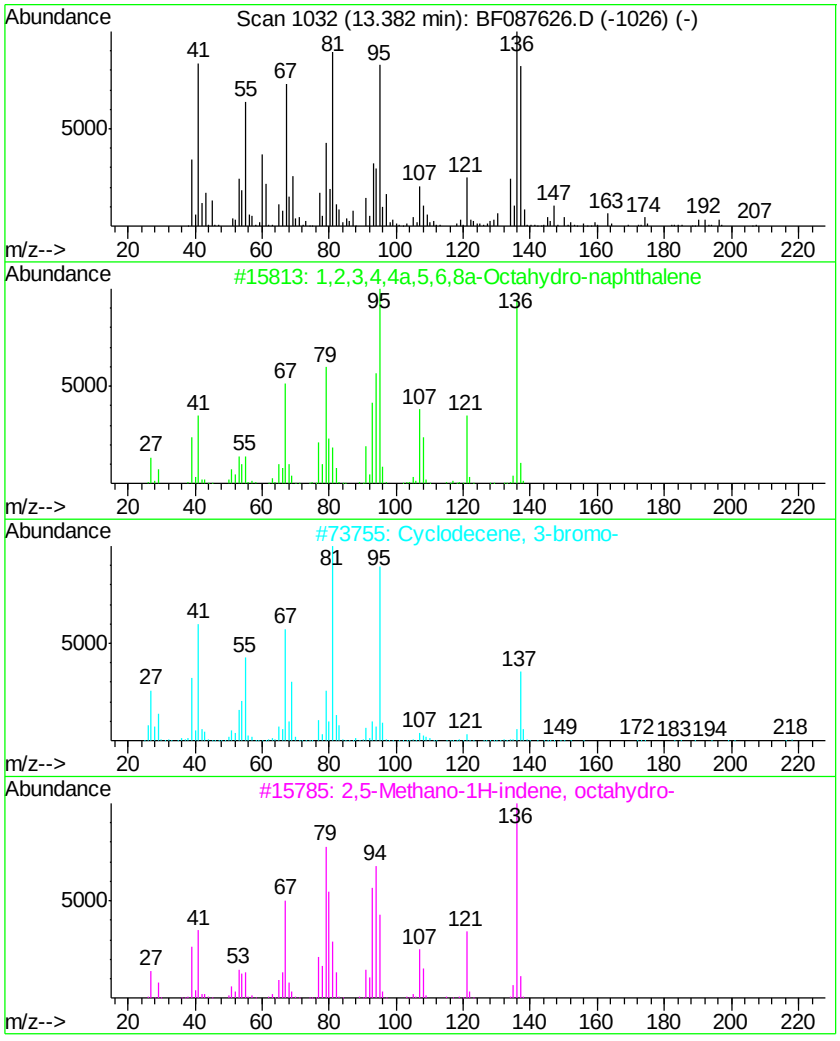
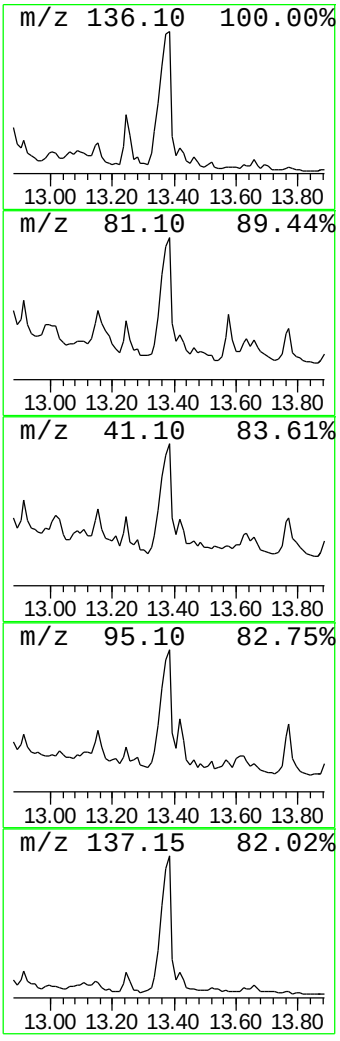
Peak Number 20 unknown13.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	20.56 ng	1421940	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	38
2	Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	38
3	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	30
4	Cyclohexene, 1-methyl-3-(formylm...	138	C9H14O	129993-40-4	30
5	1,5,9,13-Tetradecatetraene	190	C14H22	051487-38-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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
unknown7.07	7.07	91.7	ng	3906030	1	7.42	852231	20.0
Benzene, 1-methyl...	7.35	13.0	ng	553974	1	7.42	852231	20.0
Indane	7.68	29.1	ng	1240220	1	7.42	852231	20.0
Benzene, 1,3-diet...	7.84	21.6	ng	918817	1	7.42	852231	20.0
Benzene, 1,2-diet...	7.96	27.7	ng	1181690	1	7.42	852231	20.0
Benzene, 1,2,4,5-...	8.66	16.8	ng	1260390	2	9.45	1500710	20.0
1-Phenyl-1-butene	8.95	14.9	ng	1114740	2	9.45	1500710	20.0
Benzene, 1,2,3,4-...	9.06	69.3	ng	5202110	2	9.45	1500710	20.0
Bicyclo[4.2.0]oct...	9.55	13.1	ng	984619	2	9.45	1500710	20.0
Naphthalene, 1,2,...	10.27	20.7	ng	1550500	2	9.45	1500710	20.0
unknown11.12	11.12	10.6	ng	731719	3	12.27	1383490	20.0
Naphthalene, 1-et...	11.53	13.2	ng	915379	3	12.27	1383490	20.0
Naphthalene, 2,6-...	11.63	12.1	ng	837289	3	12.27	1383490	20.0
Naphthalene, 2,3-...	11.75	15.3	ng	1057830	3	12.27	1383490	20.0
unknown11.85	11.85	11.3	ng	784370	3	12.27	1383490	20.0
Naphthalene, 1,6-...	11.94	15.6	ng	1075920	3	12.27	1383490	20.0
unknown12.40	12.40	10.8	ng	743976	3	12.27	1383490	20.0
unknown12.59	12.59	17.6	ng	1218450	3	12.27	1383490	20.0
unknown13.38	13.38	20.6	ng	1421940	3	12.27	1383490	20.0