

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087516.D
 Acq On : 29 May 2016 12:16
 Operator : UM/SJ
 Sample : H3222-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	4.867	285	287	300	rVB	45521	129191	3.09%	0.200%
2	5.382	329	332	339	rBV	491748	1135816	27.14%	1.754%
3	5.484	339	341	346	rVV	72120	167156	3.99%	0.258%
4	5.564	346	348	356	rVV4	46001	154143	3.68%	0.238%
5	5.759	362	365	370	rVB2	52153	121725	2.91%	0.188%
6	6.147	396	399	402	rVV	85815	129280	3.09%	0.200%
7	6.616	438	440	443	rVV	72770	102088	2.44%	0.158%
8	6.856	459	461	463	rBV	95626	149468	3.57%	0.231%
9	6.902	463	465	470	rVB	103850	174148	4.16%	0.269%
10	7.050	476	478	483	rBV	340054	781437	18.67%	1.207%
11	7.130	483	485	492	rVV	1322337	2524024	60.31%	3.898%
12	7.393	504	508	513	rBV5	141558	466570	11.15%	0.721%
13	7.473	513	515	518	rVV	435518	795520	19.01%	1.229%
14	7.530	518	520	524	rVB2	135577	269668	6.44%	0.417%
15	7.599	524	526	532	rVB5	33993	95639	2.29%	0.148%
16	7.702	532	535	537	rBV	1709648	2440273	58.31%	3.769%
17	7.736	537	538	541	rVV	433789	421787	10.08%	0.651%
18	7.805	542	544	546	rVV	83114	101505	2.43%	0.157%
19	7.885	549	551	553	rVV	231971	289248	6.91%	0.447%
20	8.022	559	563	568	rBV3	255909	690607	16.50%	1.067%
21	8.170	574	576	579	rBV	299894	462772	11.06%	0.715%
22	8.250	579	583	585	rBV3	72713	190177	4.54%	0.294%
23	8.308	585	588	590	rVV2	273289	522499	12.48%	0.807%
24	8.388	590	595	599	rVV3	1591074	2970730	70.98%	4.588%
25	8.445	599	600	602	rVB	90106	81874	1.96%	0.126%
26	8.479	602	603	605	rBV2	50389	82784	1.98%	0.128%
27	8.559	608	610	615	rVB3	122336	300570	7.18%	0.464%
28	8.639	615	617	619	rBV4	45952	110473	2.64%	0.171%
29	8.719	621	624	626	rVB	559101	714185	17.06%	1.103%
30	8.776	626	629	630	rBV2	48384	97440	2.33%	0.150%
31	8.856	634	636	638	rVB2	140388	225926	5.40%	0.349%
32	8.925	638	642	644	rBV2	73708	190273	4.55%	0.294%
33	8.993	644	648	653	rVB3	246480	585730	13.99%	0.905%
34	9.096	653	657	660	rBV2	222930	659072	15.75%	1.018%

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35	9.153	660	662	663 rVB	125219	161102	3.85%	0.249%
36	9.245	667	670	671 rBV	141926	238768	5.70%	0.369%
37	9.348	677	679	681 rBV2	137620	219871	5.25%	0.340%
38	9.382	681	682	684 rVV2	72504	99419	2.38%	0.154%
39	9.473	687	690	691 rBV2	138098	269944	6.45%	0.417%
40	9.496	691	692	697 rVV	790048	1556646	37.19%	2.404%
41	9.599	697	701	703 rVV3	288922	758210	18.12%	1.171%
42	9.702	707	710	712 rBV	268741	401220	9.59%	0.620%
43	9.748	712	714	719 rVB5	150118	349037	8.34%	0.539%
44	9.828	719	721	724 rBV3	271533	460454	11.00%	0.711%
45	9.908	724	728	732 rBV3	334739	887731	21.21%	1.371%
46	9.976	732	734	736 rBV	175138	249553	5.96%	0.385%
47	10.045	736	740	742 rBV3	153017	360740	8.62%	0.557%
48	10.102	742	745	747 rBV3	302617	643578	15.38%	0.994%
49	10.148	747	749	752 rVB3	213111	348606	8.33%	0.538%
50	10.216	752	755	758 rBV4	150447	448071	10.71%	0.692%
51	10.285	758	761	763 rBV	441553	730606	17.46%	1.128%
52	10.353	763	767	771 rVB	810958	1660371	39.67%	2.564%
53	10.502	777	780	782 rVB	327957	504658	12.06%	0.779%
54	10.582	782	787	791 rBV5	380552	975739	23.31%	1.507%
55	10.651	791	793	797 rVB3	425607	757510	18.10%	1.170%
56	10.765	799	803	805 rBV3	365332	811475	19.39%	1.253%
57	10.811	805	807	810 rBV2	613924	1010292	24.14%	1.560%
58	10.856	810	811	813 rBV2	198307	308722	7.38%	0.477%
59	10.902	813	815	818 rVB3	116488	174590	4.17%	0.270%
60	10.959	818	820	824 rBV4	140186	287554	6.87%	0.444%
61	11.028	824	826	829 rVB3	124097	174969	4.18%	0.270%
62	11.119	832	834	836 rVB3	192064	335657	8.02%	0.518%
63	11.188	836	840	842 rBV3	536819	1292884	30.89%	1.997%
64	11.279	845	848	854 rVB	2444364	4185347	100.00%	6.464%
65	11.371	854	856	859 rVB2	164276	173528	4.15%	0.268%
66	11.451	861	863	865 rBV2	93525	161509	3.86%	0.249%
67	11.508	865	868	870 rBV3	218112	358119	8.56%	0.553%
68	11.542	870	871	873 rBV	207471	392124	9.37%	0.606%
69	11.679	881	883	884 rBV	86725	123744	2.96%	0.191%
70	11.794	891	893	895 rBV2	240468	439504	10.50%	0.679%
71	11.862	896	899	902 rVB4	319825	849800	20.30%	1.313%

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72	11.931	902	905	907	rBV3	209623	564241	13.48%	0.871%
73	11.988	907	910	918	rVB6	587699	2621809	62.64%	4.049%
74	12.331	937	940	943	rBV	1034666	1920006	45.87%	2.965%
75	12.491	949	954	956	rBV	444517	1023947	24.47%	1.581%
76	12.594	961	963	968	rVB3	379840	656163	15.68%	1.013%
77	12.674	968	970	971	rBV2	134403	230683	5.51%	0.356%
78	12.765	975	978	982	rBV2	442552	1039210	24.83%	1.605%
79	12.959	993	995	996	rBV	218626	325210	7.77%	0.502%
80	13.039	1000	1002	1004	rBV2	150083	327526	7.83%	0.506%
81	13.154	1009	1012	1016	rVB5	403098	1178517	28.16%	1.820%
82	13.234	1016	1019	1022	rBV3	351952	759973	18.16%	1.174%
83	13.291	1022	1024	1028	rVB3	168032	320404	7.66%	0.495%
84	13.485	1039	1041	1042	rBV	240560	392654	9.38%	0.606%
85	13.531	1043	1045	1047	rVV	429907	638871	15.26%	0.987%
86	13.634	1051	1054	1058	rBV2	1313578	2353847	56.24%	3.636%
87	13.782	1065	1067	1073	rVB5	165260	502465	12.01%	0.776%
88	13.942	1078	1081	1087	rVB7	226600	577637	13.80%	0.892%
89	14.022	1087	1088	1090	rBV	130856	208505	4.98%	0.322%
90	14.114	1093	1096	1101	rVB3	249574	581266	13.89%	0.898%
91	14.262	1107	1109	1113	rVB3	166733	313173	7.48%	0.484%
92	14.537	1131	1133	1136	rVB	300366	440568	10.53%	0.680%
93	14.731	1148	1150	1153	rVB	670952	957253	22.87%	1.478%
94	15.268	1193	1197	1201	rBV4	99705	287440	6.87%	0.444%
95	15.748	1237	1239	1245	rVB	322365	516059	12.33%	0.797%
96	16.834	1331	1334	1338	rBV	139341	232426	5.55%	0.359%
97	17.086	1353	1356	1359	rBV	2456121	2743879	65.56%	4.238%
98	18.343	1463	1466	1469	rVV	61047	95091	2.27%	0.147%
99	18.434	1472	1474	1481	rBV	555654	806406	19.27%	1.245%
100	20.114	1619	1621	1634	rVB	358080	634904	15.17%	0.981%

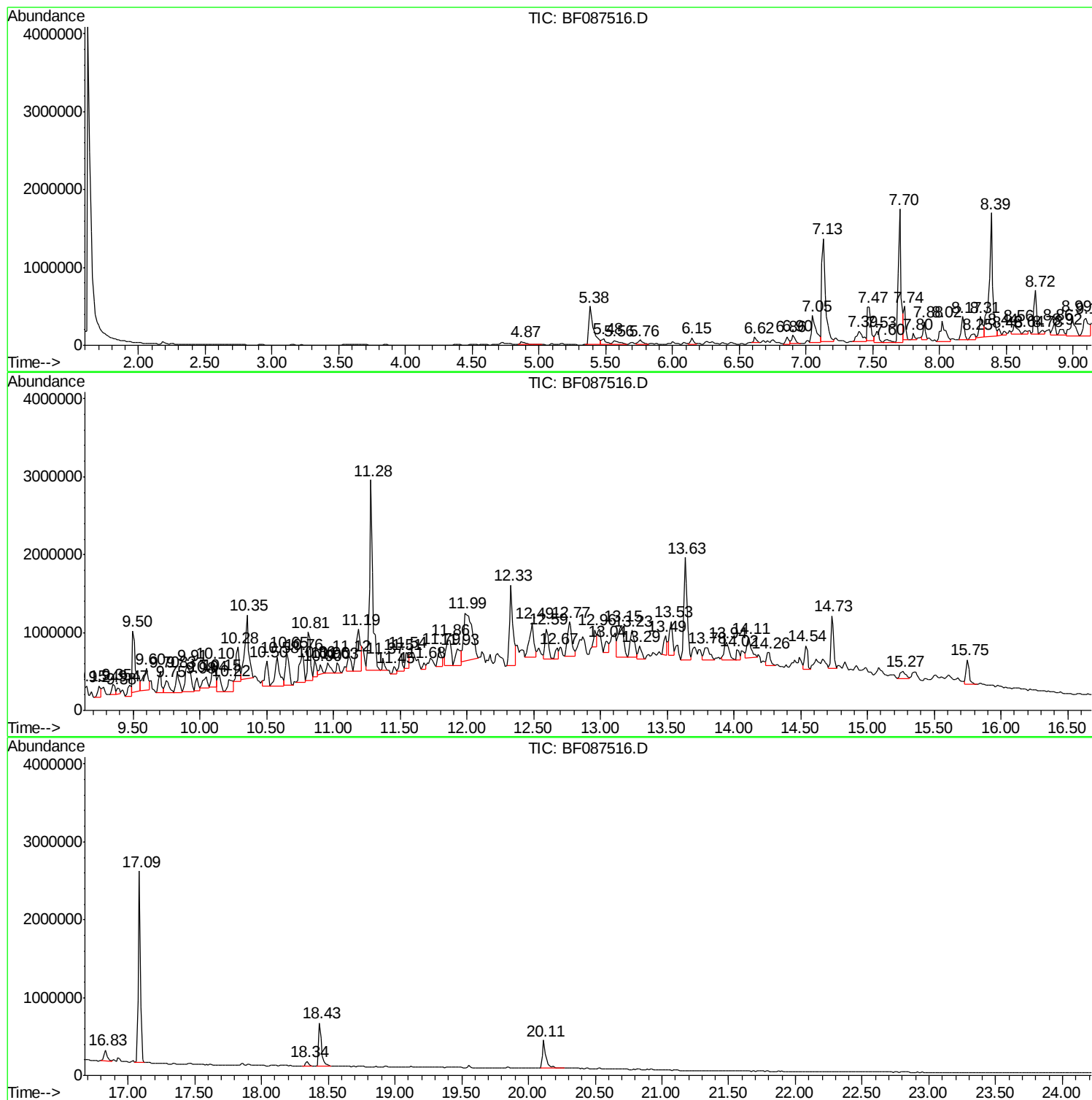
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Instrument :
BNA_F
ClientSampled :
MW-30

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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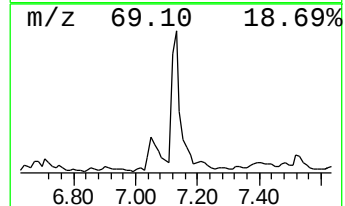
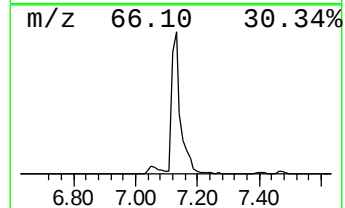
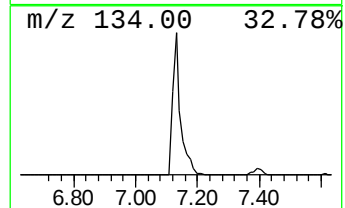
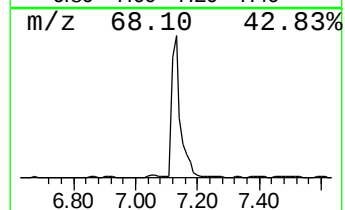
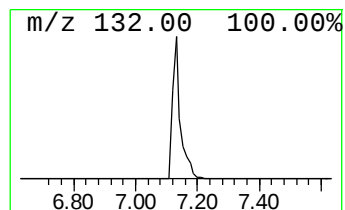
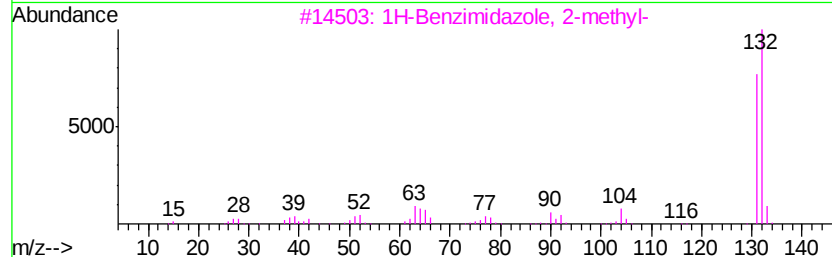
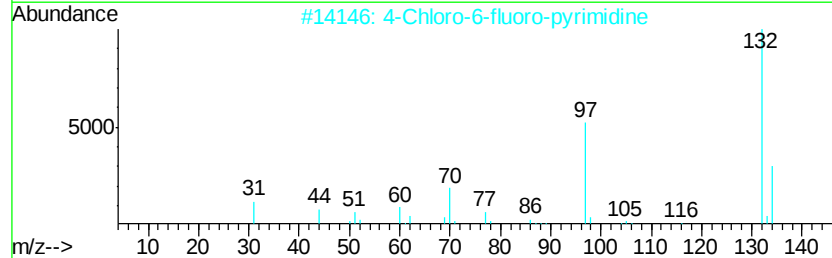
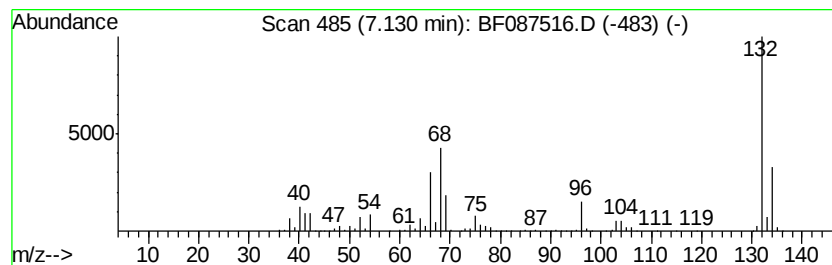
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	63.46 ng	2524020	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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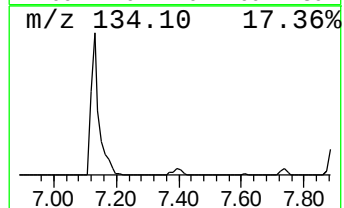
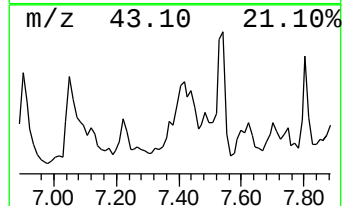
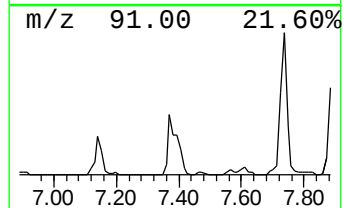
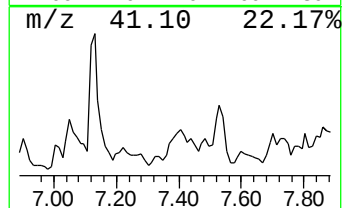
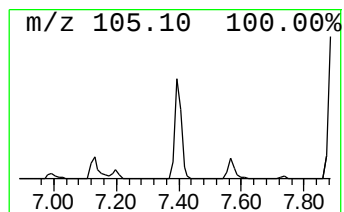
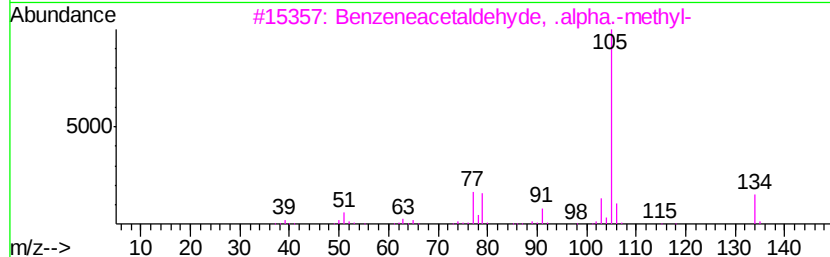
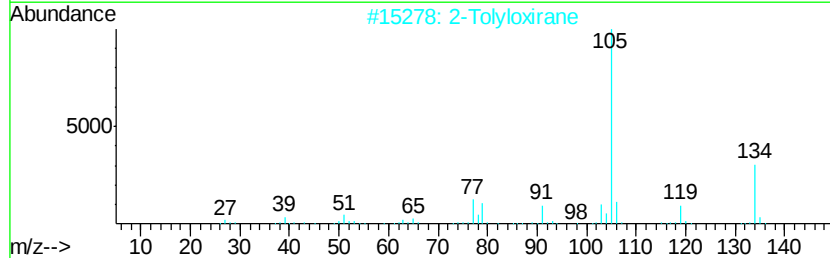
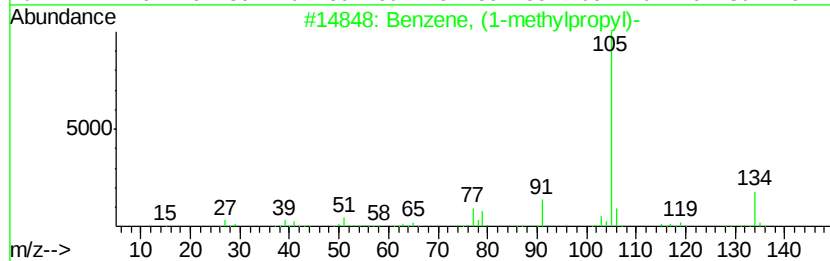
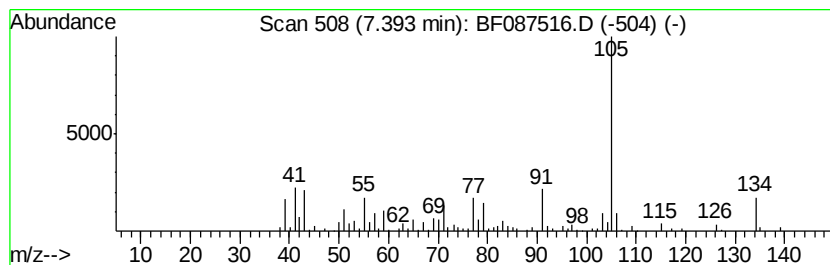
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Benzene, (1-methylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	11.73 ng	466570	1,4-Dichlorobenzene-d4	7.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
2			2-Tolyloxirane	134	C9H10O	002783-26-8	70
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
5			Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	47



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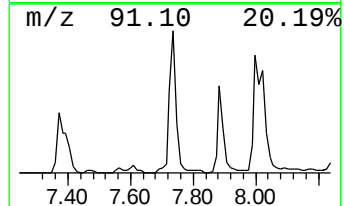
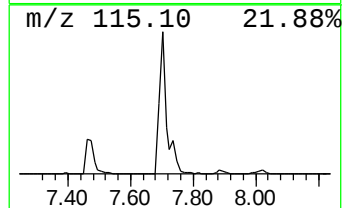
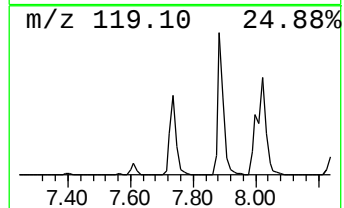
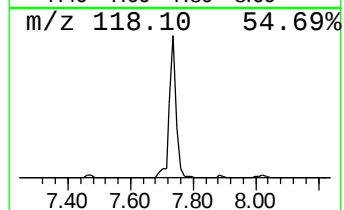
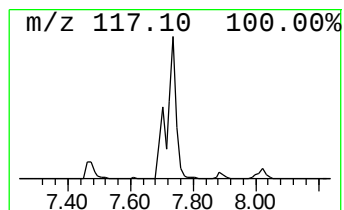
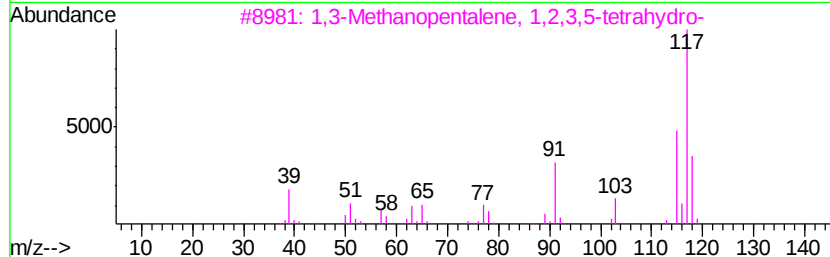
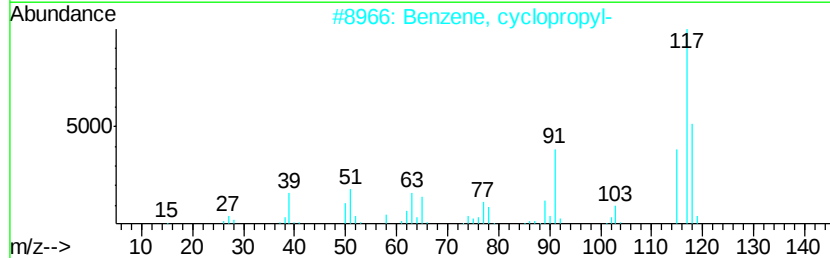
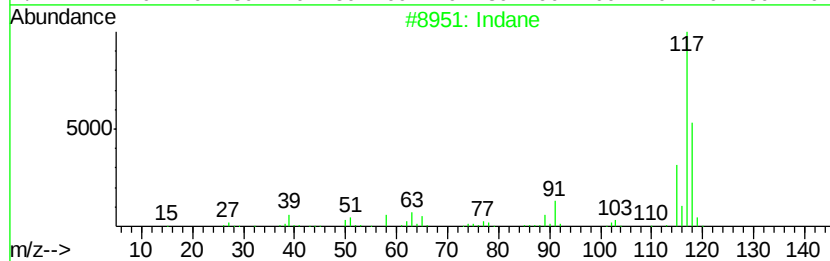
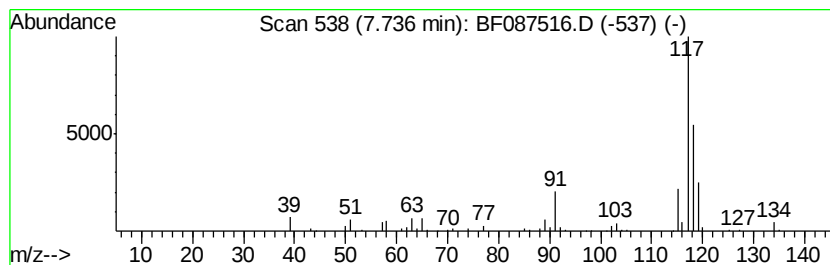
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	10.60 ng	421787	1,4-Dichlorobenzene-d4	7.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	53
3			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	47
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	43



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ClientSampleId :
MW-30

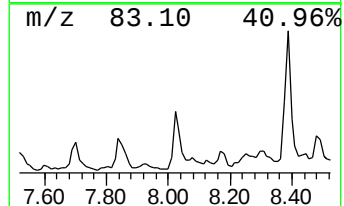
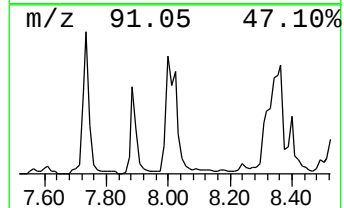
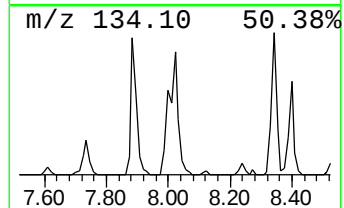
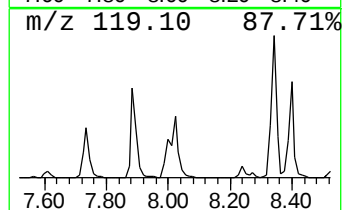
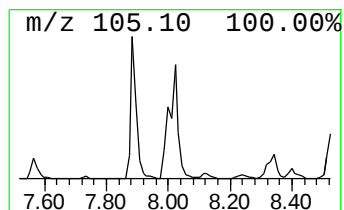
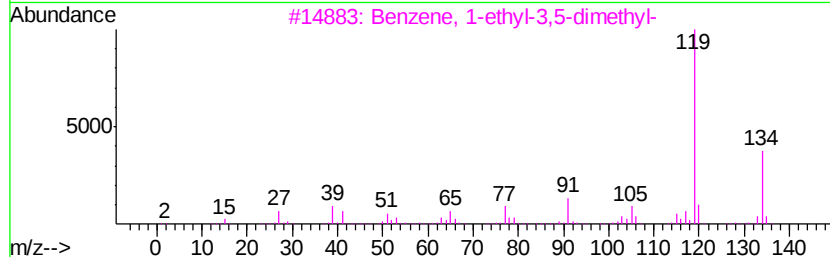
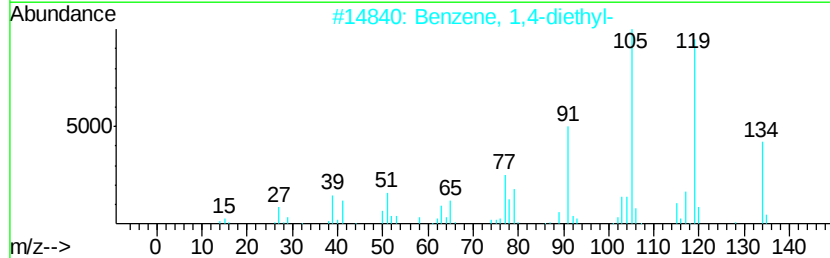
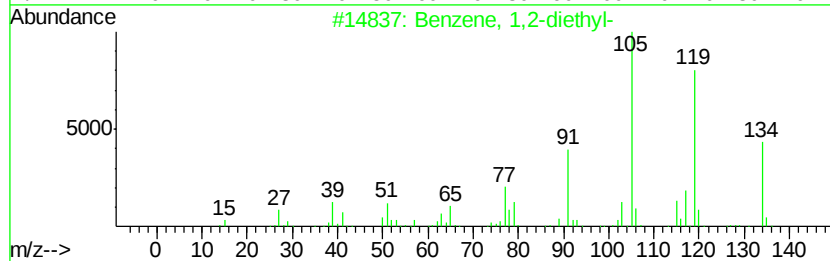
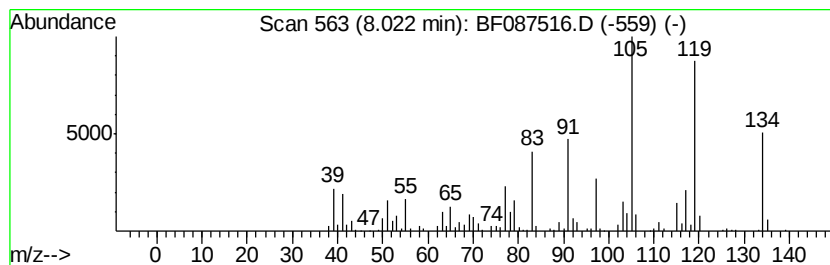
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	17.36 ng	690607	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
Operator : UM/SJ
Sample : H3222-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

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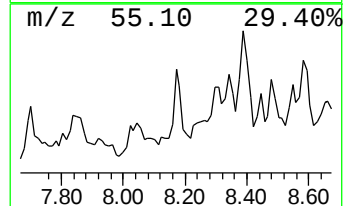
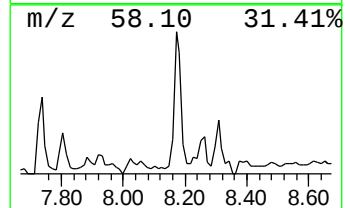
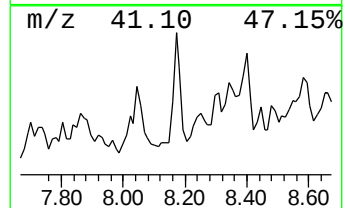
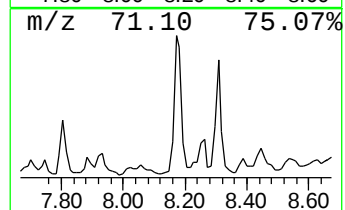
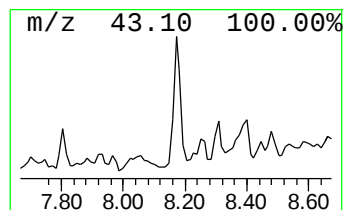
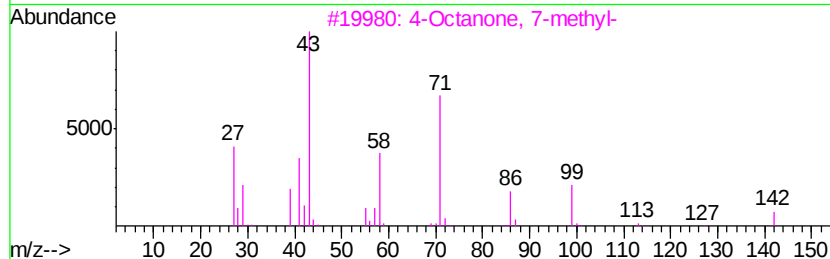
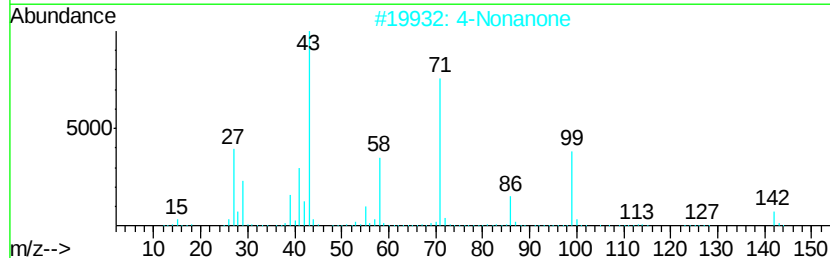
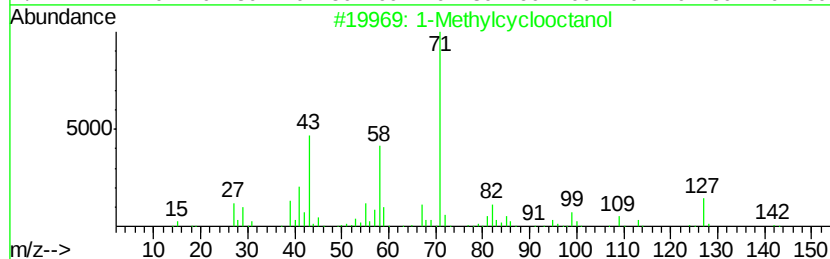
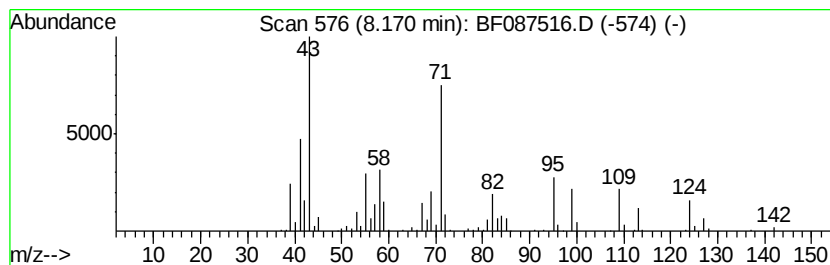
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	11.63 ng	462772	1,4-Dichlorobenzene-d4	7.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylcyclooctanol	142	C9H18O	059123-41-0	47
2			4-Nonanone	142	C9H18O	004485-09-0	47
3			4-Octanone, 7-methyl-	142	C9H18O	020809-46-5	38
4			3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	38
5			N-(2-Methyl-2H-tetrazol-5-yl)-ac...	141	C4H7N5O	006154-06-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
Operator : UM/SJ
Sample : H3222-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

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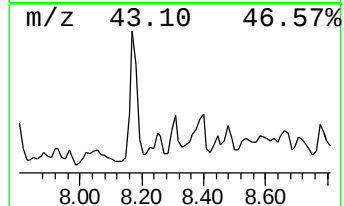
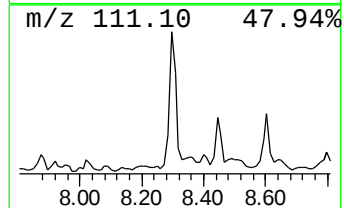
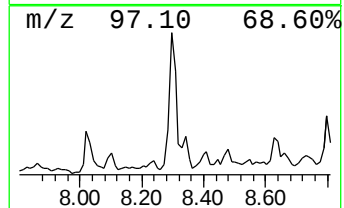
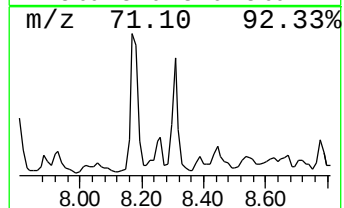
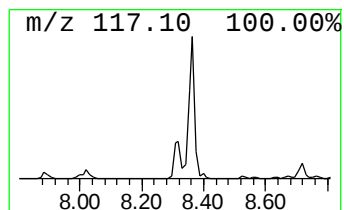
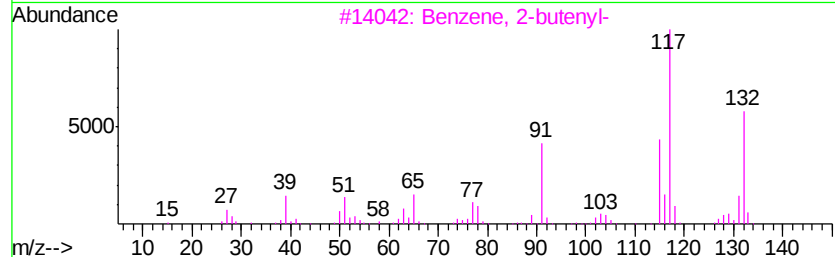
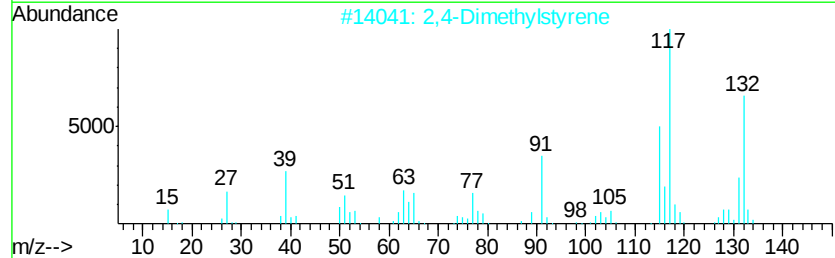
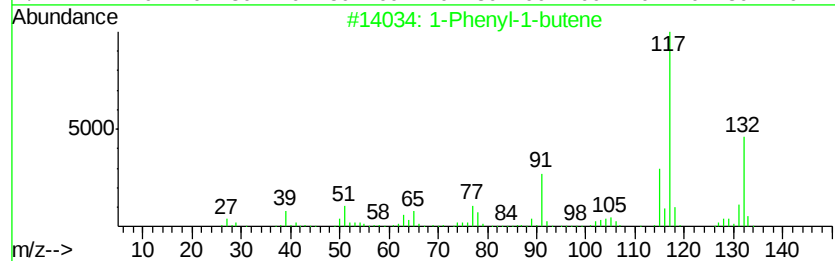
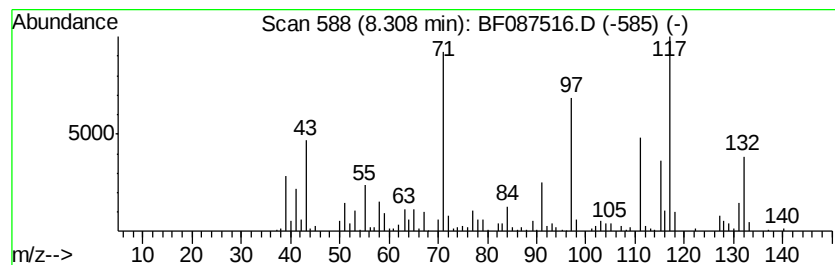
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	13.14 ng	522499	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	92
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
Operator : UM/SJ
Sample : H3222-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

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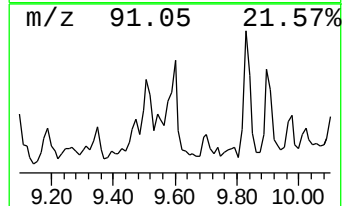
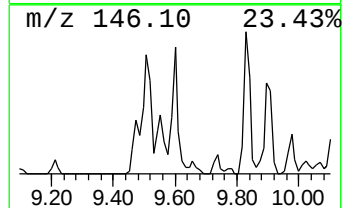
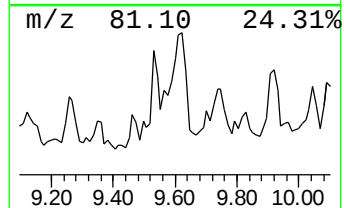
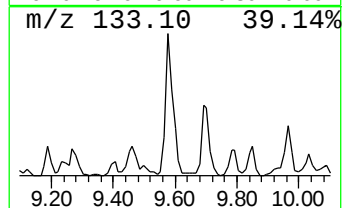
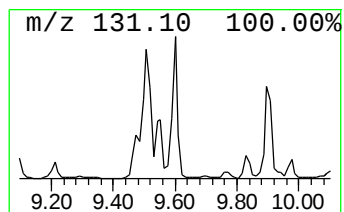
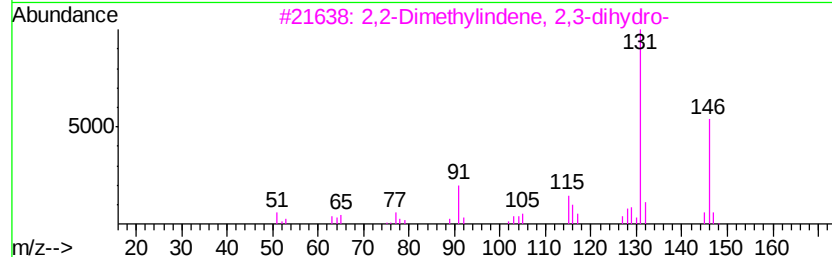
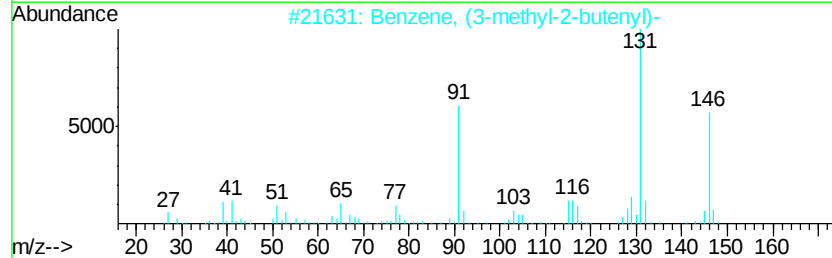
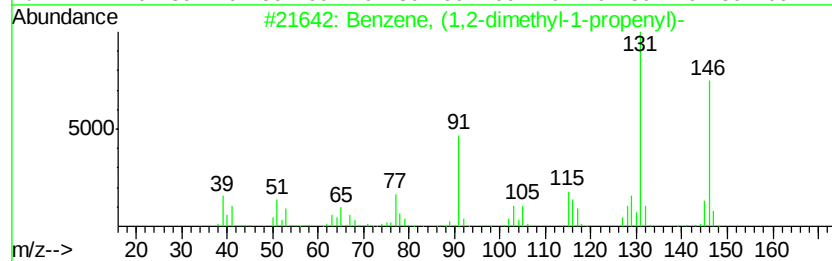
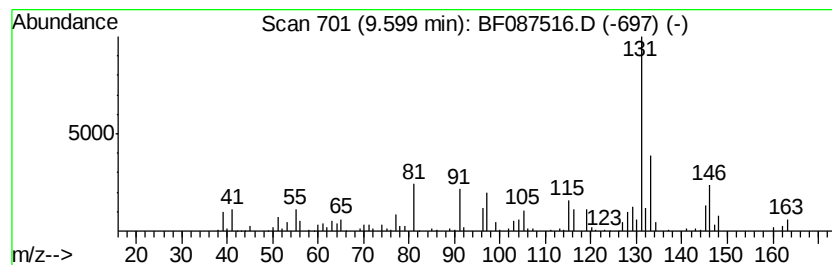
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	9.74 ng	758210	Naphthalene-d8	9.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Acq On : 29 May 2016 12:16
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Misc :
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Instrument :
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ClientSampleId :
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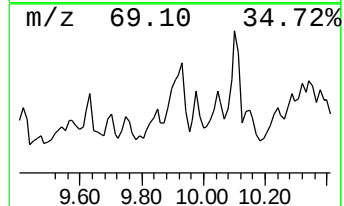
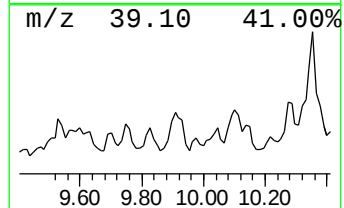
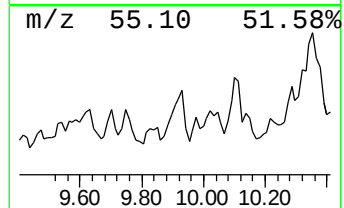
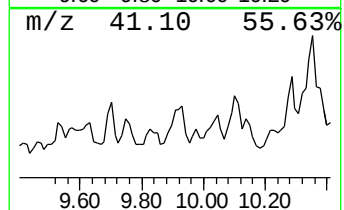
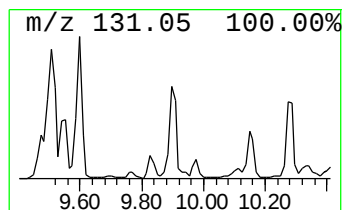
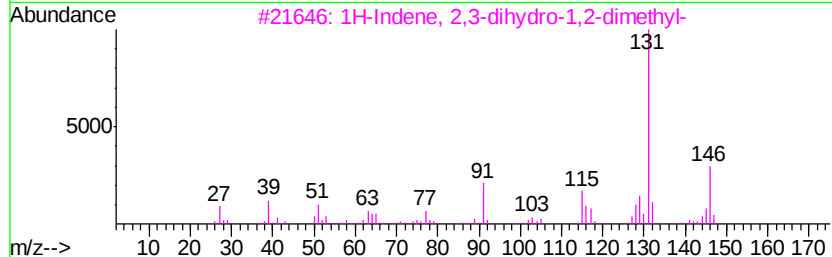
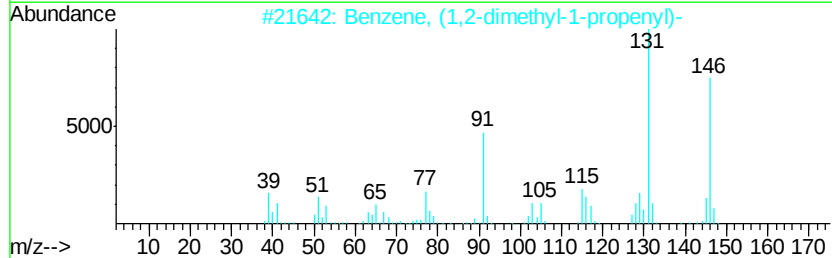
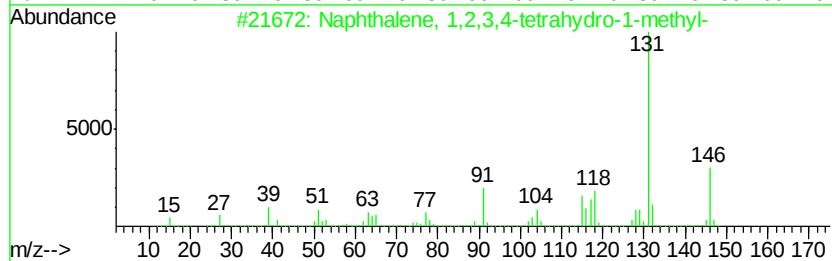
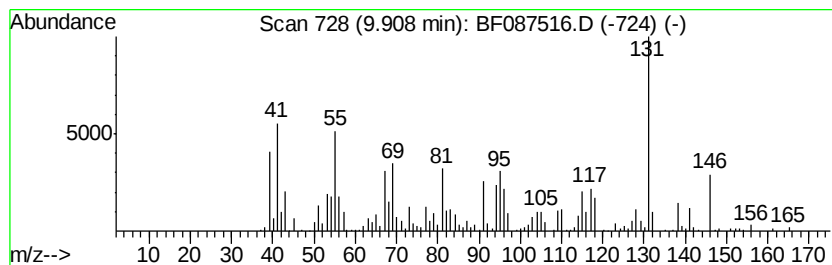
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	11.41 ng	887731	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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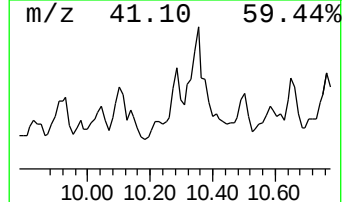
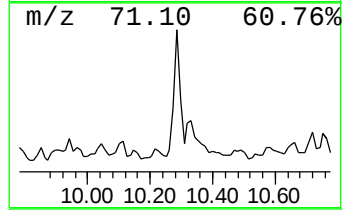
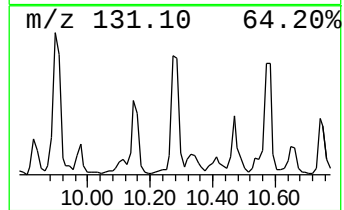
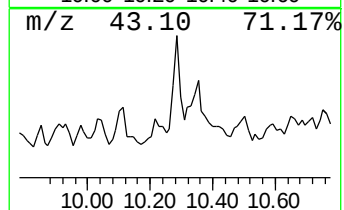
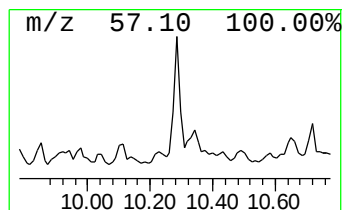
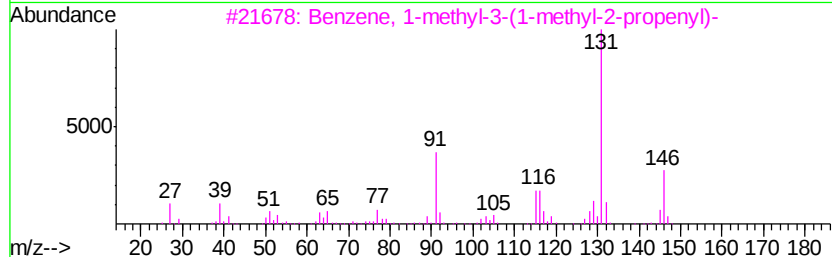
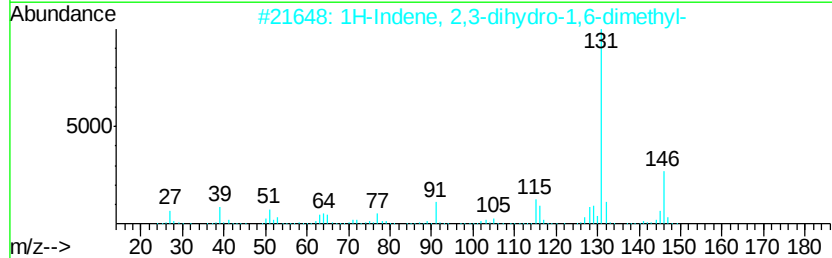
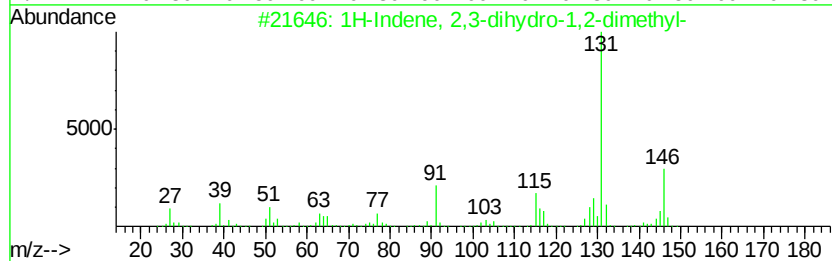
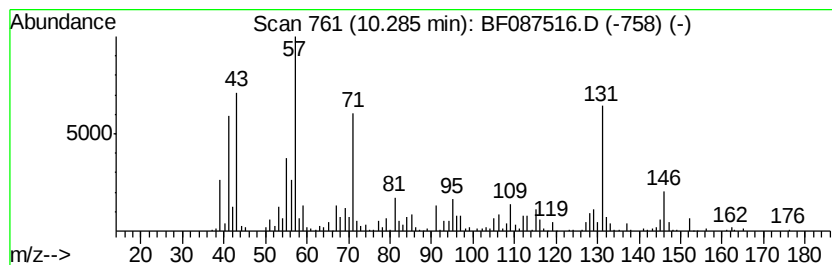
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	9.39 ng	730606	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
3		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	42
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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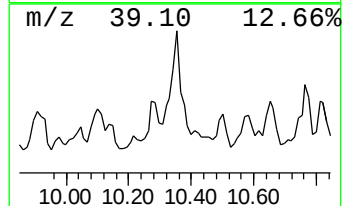
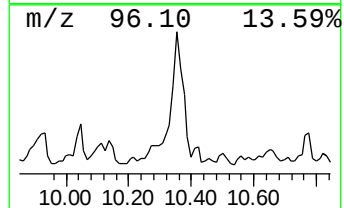
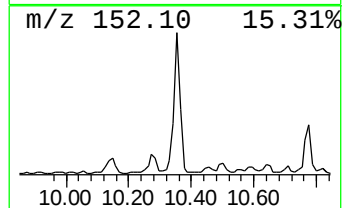
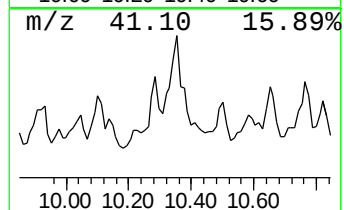
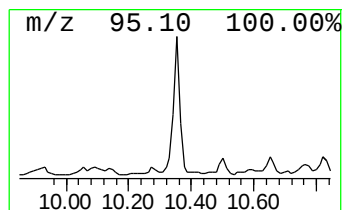
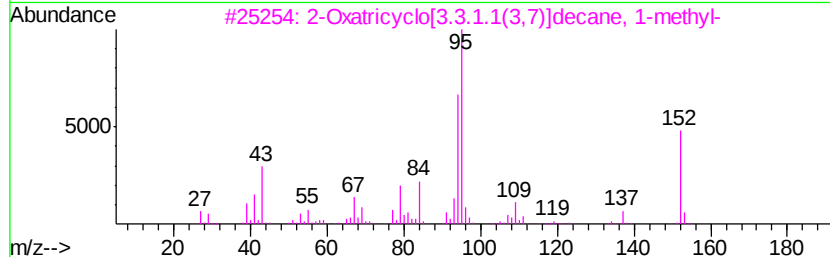
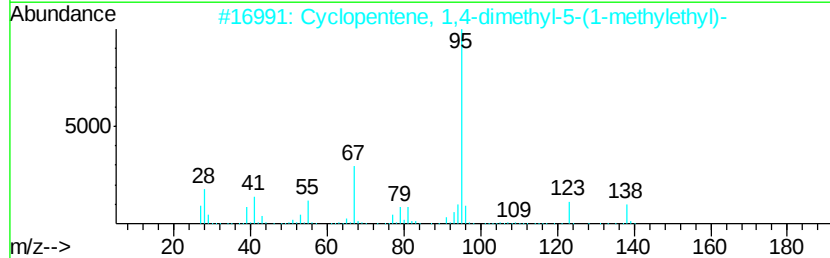
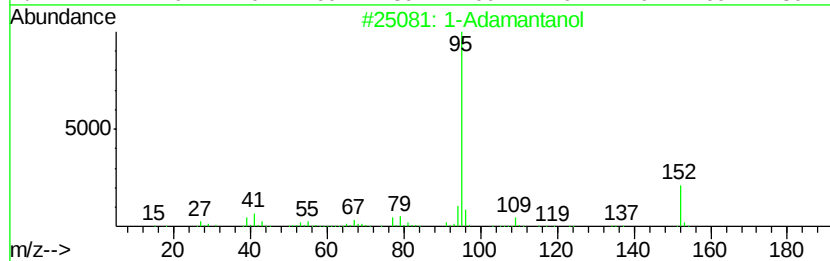
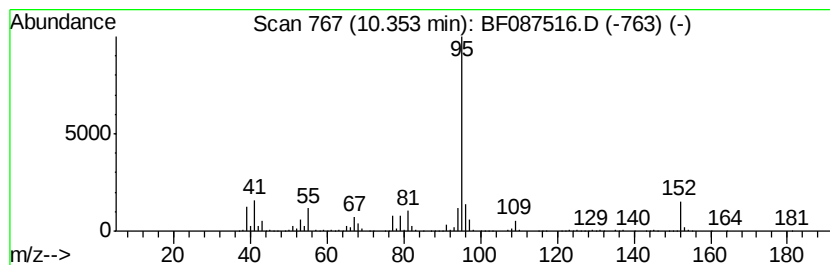
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Adamantanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	21.33 ng	1660370	Naphthalene-d8	9.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Adamantanol	152 C10H16O	000768-95-6	87
2	Cyclopentene, 1,4-dimethyl-5-(1-...	138 C10H18	061142-33-4	64
3	2-Oxatricyclo[3.3.1.1(3,7)]decan...	152 C10H16O	006508-22-1	59
4	Cyclohexene, 1-methyl-3-(1-methy...	138 C10H18	013828-31-4	56
5	5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	003588-18-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
Operator : UM/SJ
Sample : H3222-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

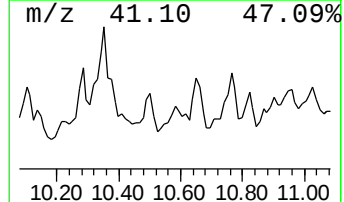
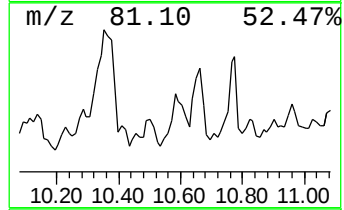
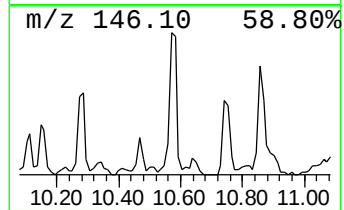
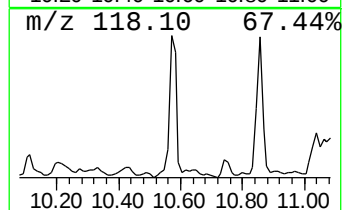
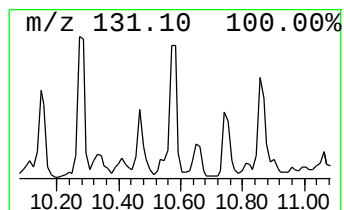
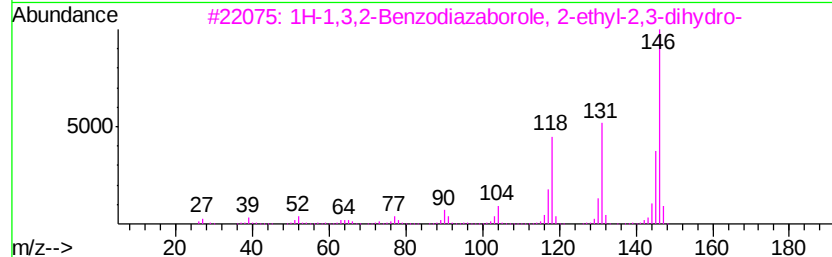
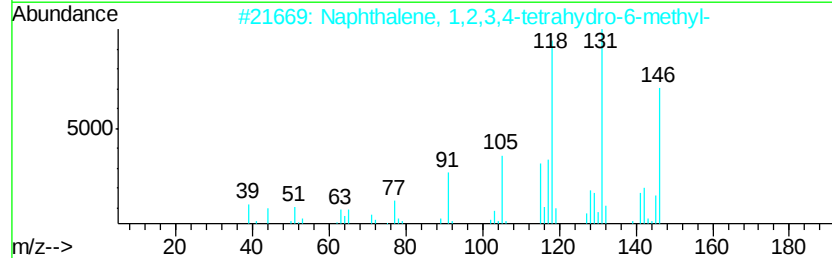
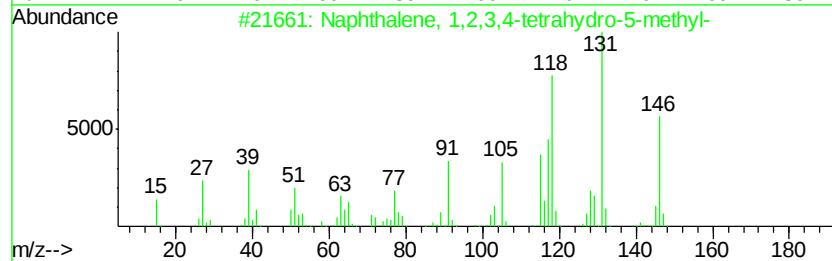
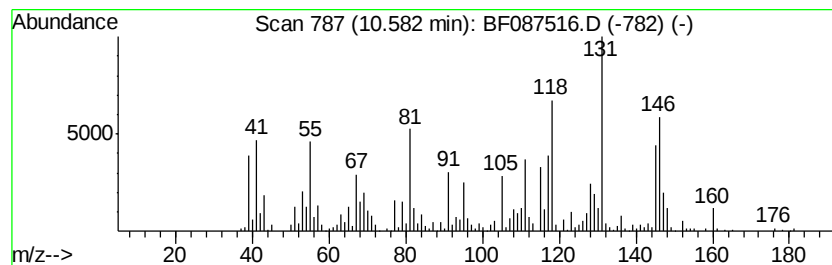
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.58	12.54 ng	975739	Naphthalene-d8	9.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	50
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	45
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43



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Sample : H3222-05
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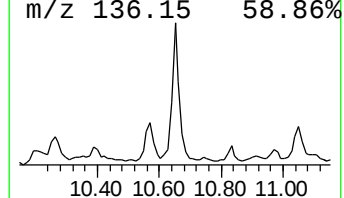
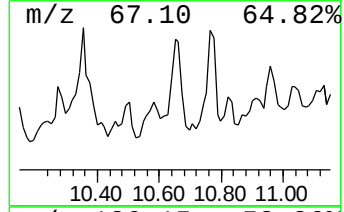
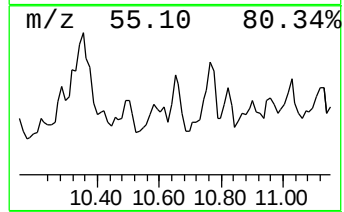
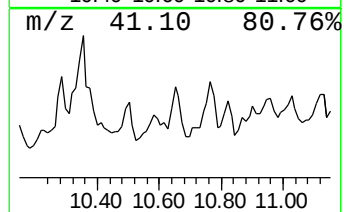
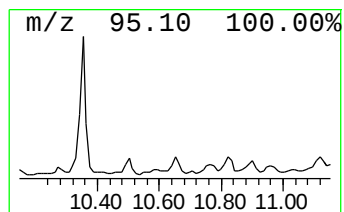
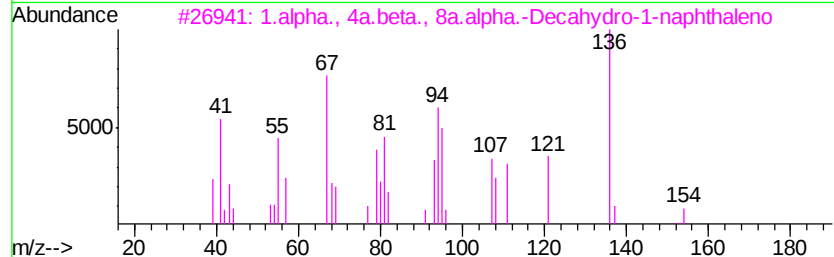
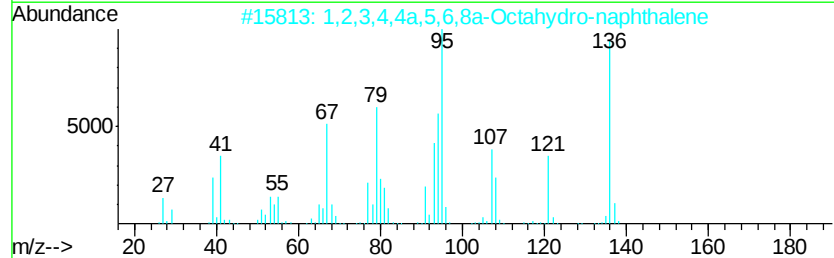
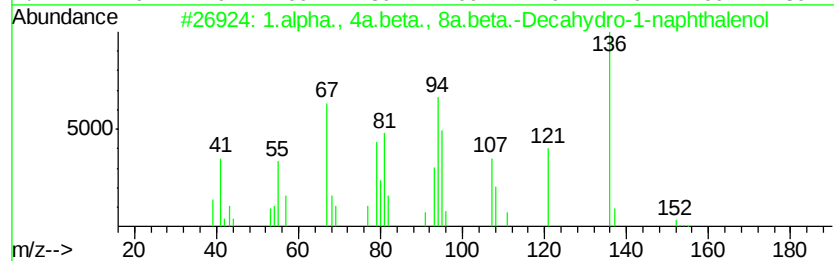
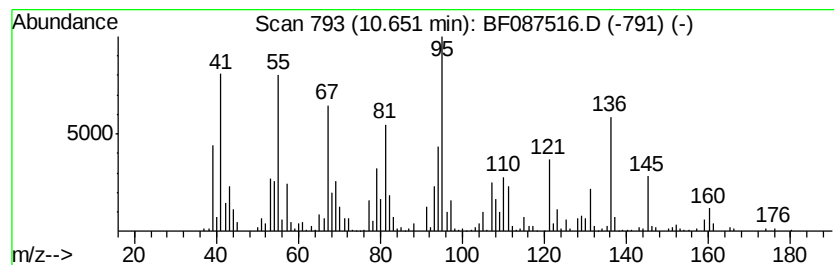
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1.alpha., 4a.beta., 8a.beta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	9.73 ng	757510	Naphthalene-d8	9.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1.alpha., 4a.beta., 8a.beta.-Dec...	154 C10H180	002529-05-7	83
2	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136 C10H16	031244-58-3	64
3	1.alpha., 4a.beta., 8a.alpha.-De...	154 C10H180	036159-47-4	55
4	1-Naphthalenol, decahydro-, (1.a...	154 C10H180	014759-74-1	55
5	2-Naphthalenol, decahydro-, (2.a...	154 C10H180	002529-06-8	46



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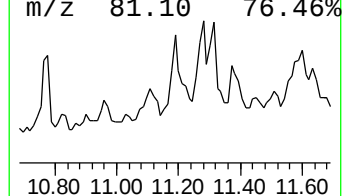
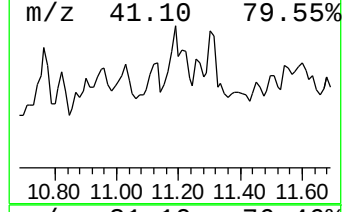
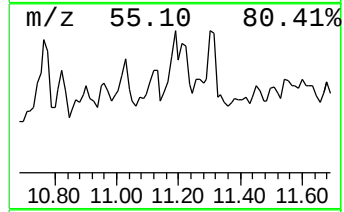
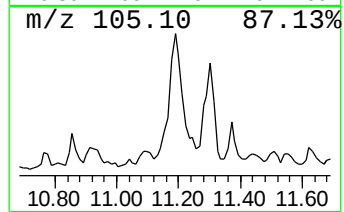
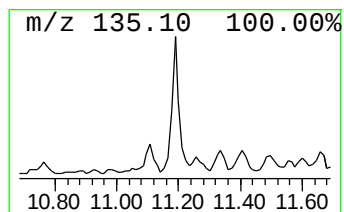
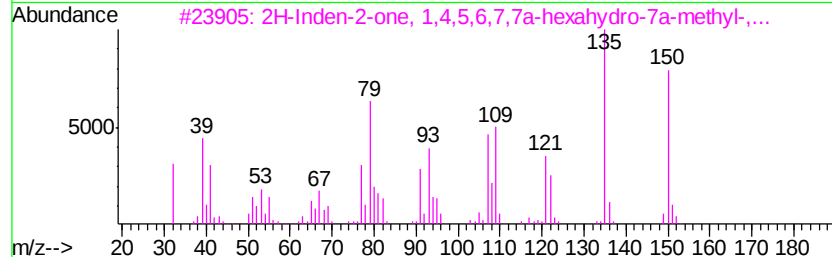
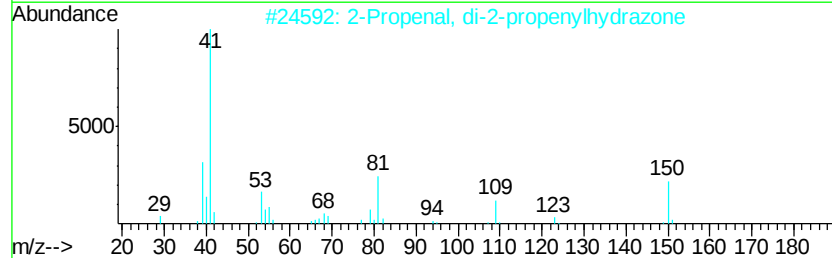
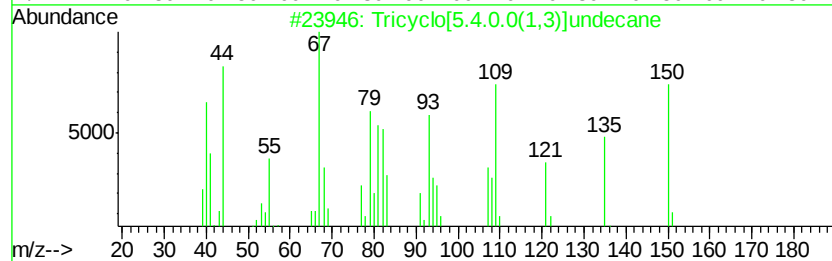
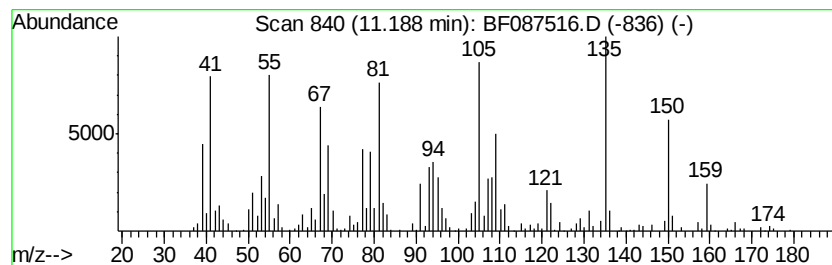
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tricyclo[5.4.0.0(1,3)]undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	13.47 ng	1292880	Acenaphthene-d10	12.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricyclo[5.4.0.0(1,3)]undecane	150 C11H18	1000280-74-7 50
2		2-Propenal, di-2-propenylhydrazone	150 C9H14N2	018491-20-8 46
3		2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150 C10H14O	054725-16-5 46
4		Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150 C11H18	013943-77-6 43
5		4-Hydroxy-3-methylacetophenone	150 C9H10O2	000876-02-8 42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Sample : H3222-05
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ALS Vial : 40 Sample Multiplier: 1

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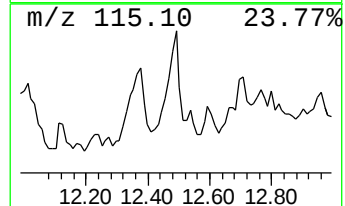
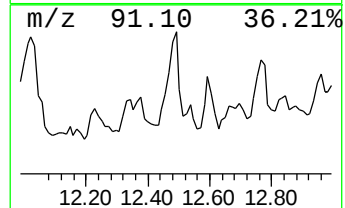
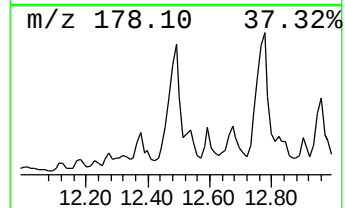
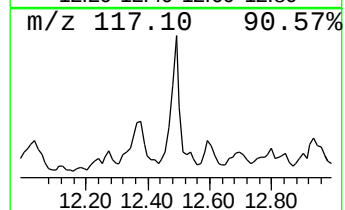
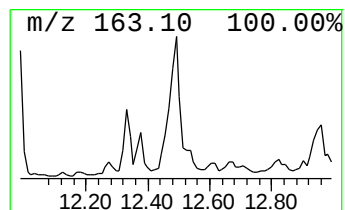
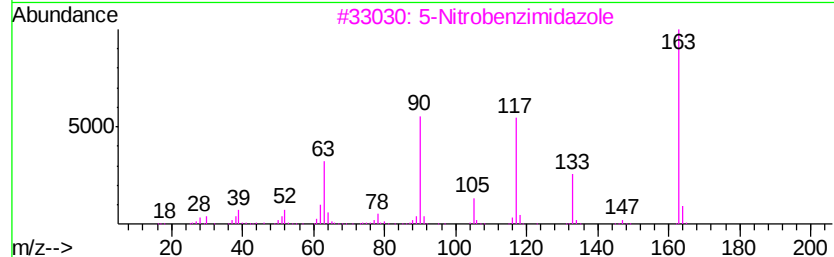
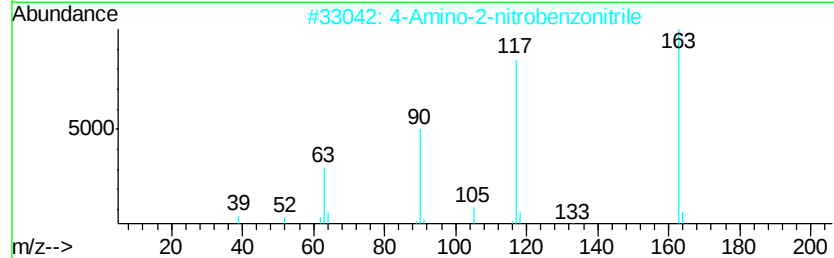
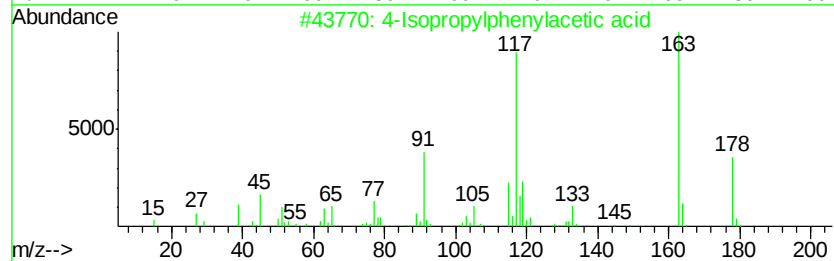
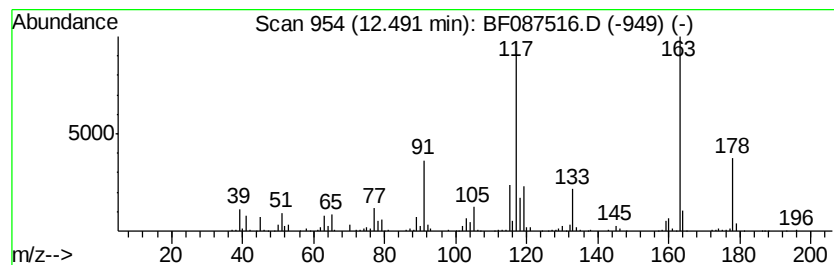
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4-Isopropylphenylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	10.67 ng	1023950	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	95
2		4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	52
3		5-Nitrobenzimidazole	163	C7H5N3O2	1000229-89-5	43
4		1H-Indazole, 5-nitro-	163	C7H5N3O2	005401-94-5	43
5		7-Nitroindazole	163	C7H5N3O2	002942-42-9	43



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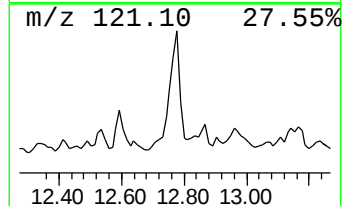
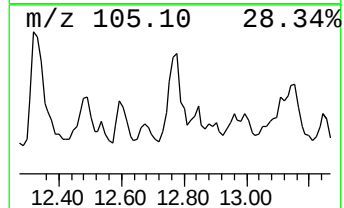
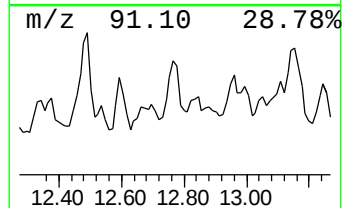
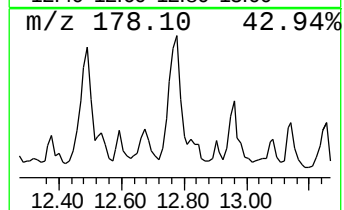
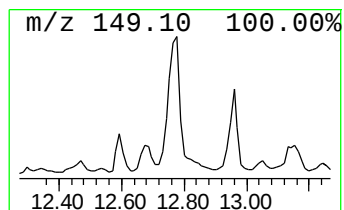
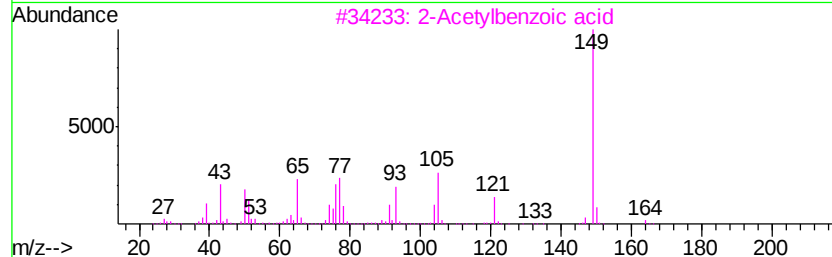
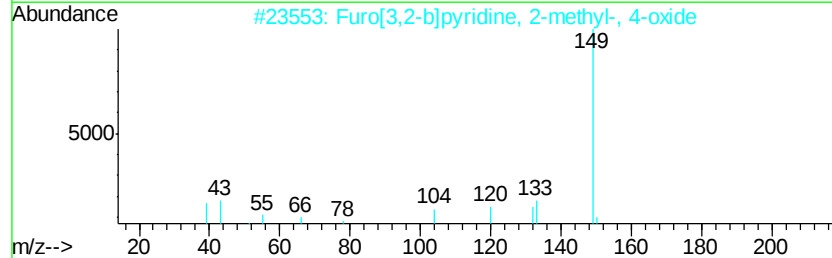
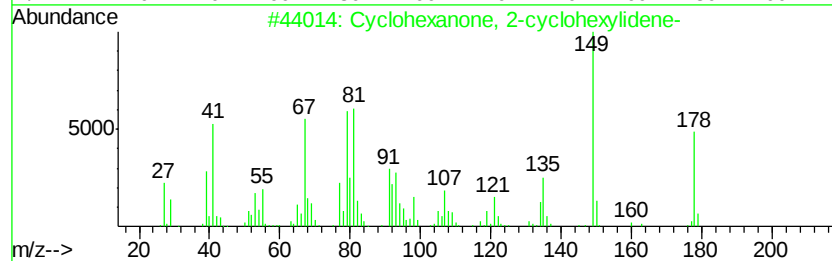
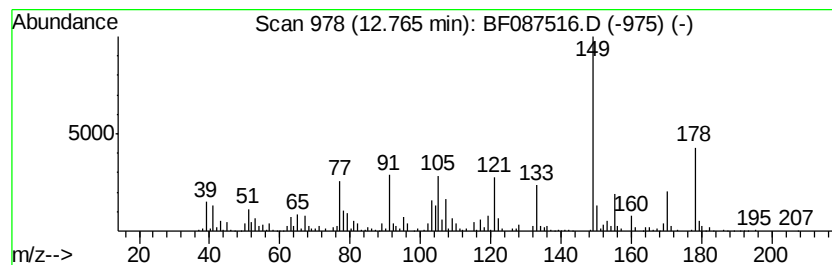
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown12.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	10.83 ng	1039210	Acenaphthene-d10	12.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanone, 2-cyclohexylidene-	178 C12H18O	001011-12-7 49
2		Furo[3,2-b]pyridine, 2-methyl-, ...	149 C8H7NO2	069022-83-9 43
3		2-Acetylbenzoic acid	164 C9H8O3	000577-56-0 43
4		2-(2-Carboxyvinyl)pyridine, trans	149 C8H7NO2	007340-22-9 38
5		Formic acid, 2-(3-nitrophenyl)et...	195 C9H9NO4	1000368-22-2 35



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Misc :
ALS Vial : 40 Sample Multiplier: 1

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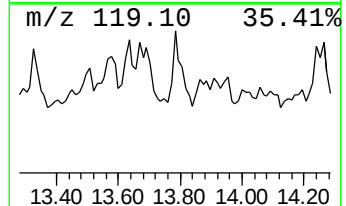
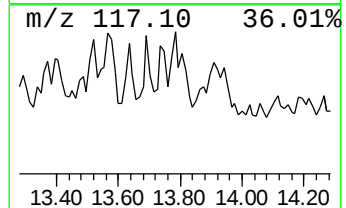
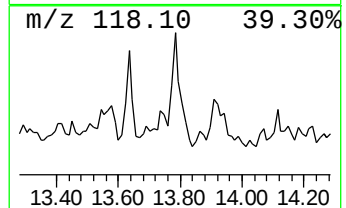
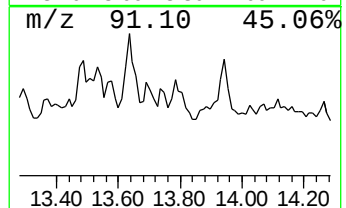
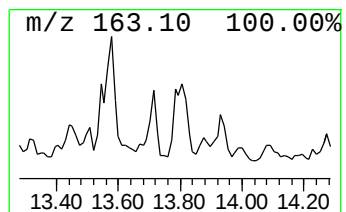
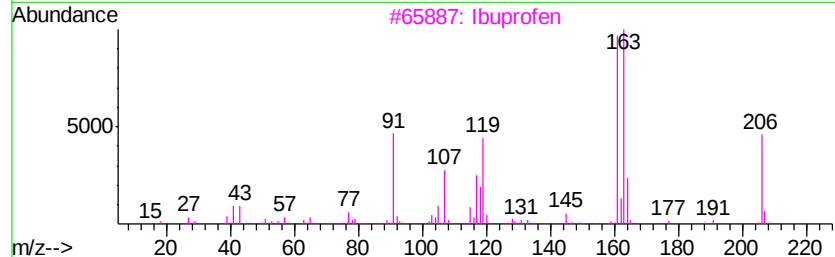
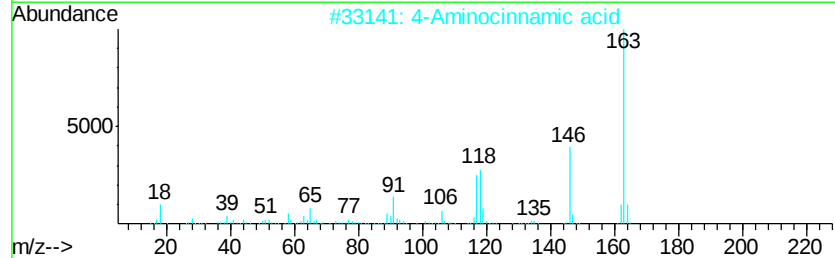
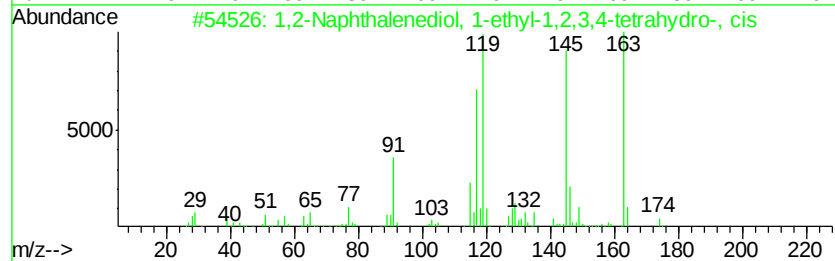
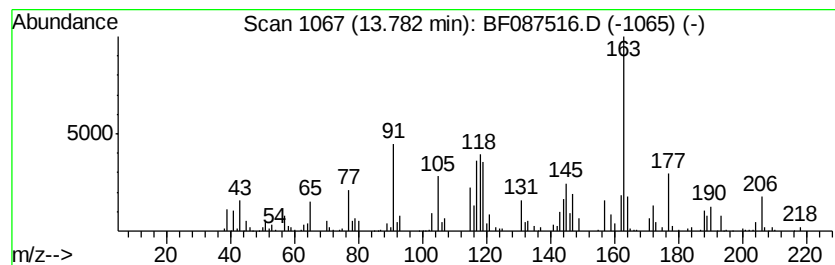
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.78 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	10.50 ng	502465	Phenanthrene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Naphthalenediol, 1-ethyl-1,2...	192	C12H16O2	056588-35-3	43
2		4-Aminocinnamic acid	163	C9H9NO2	002393-18-2	38
3		Ibuprofen	206	C13H18O2	015687-27-1	32
4		2,3-Dehydro-4-oxo-.beta.-ionol	206	C13H18O2	1000108-72-3	32
5		5-Amino-2,2-dimethyl-2,3-dihydro...	163	C10H13NO	031010-94-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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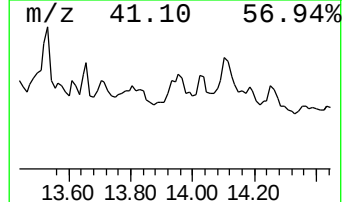
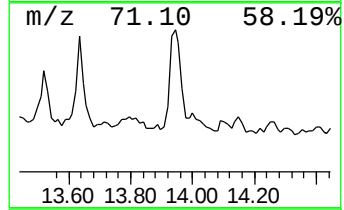
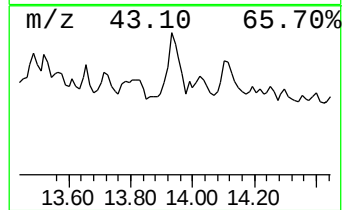
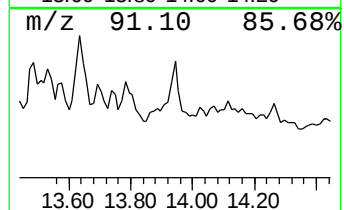
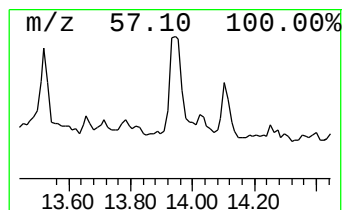
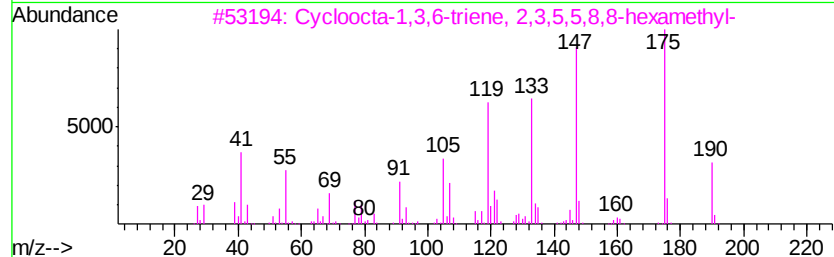
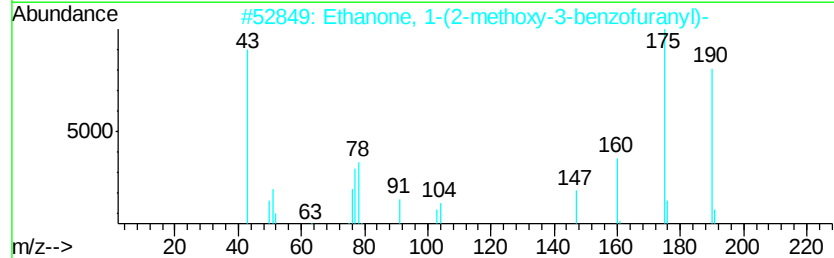
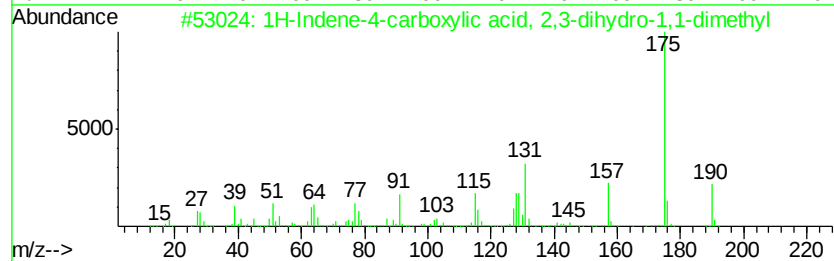
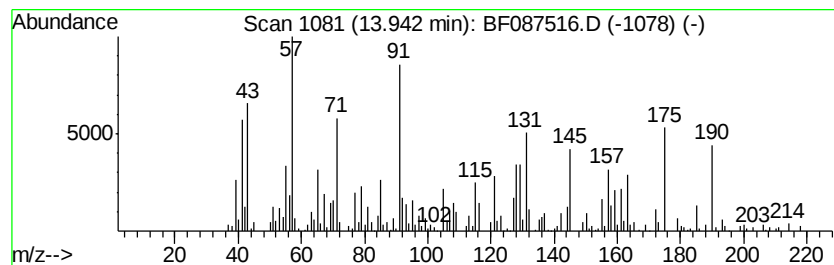
Instrument :
BNA_F
ClientSampleId :
MW-30

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 18 1H-Indene-4-carboxylic acid... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.94	12.07 ng	577637	Phenanthrene-d10	14.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene-4-carboxylic acid, 2,3...	190	C12H14O2	055712-38-4	60
2		Ethanone, 1-(2-methoxy-3-benzofu...	190	C11H10O3	040800-80-4	18
3		Cycloocta-1,3,6-triene, 2,3,5,5,...	190	C14H22	1000161-97-9	14
4		Thiophene, 3-methyl-2,5-bis(meth...	190	C7H10S3	050878-68-7	14
5		1-Ethanone, 1-(2,7-dimethyl[1,2,...	190	C9H10N4O	1000319-09-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
Operator : UM/SJ
Sample : H3222-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-30

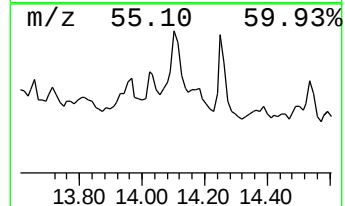
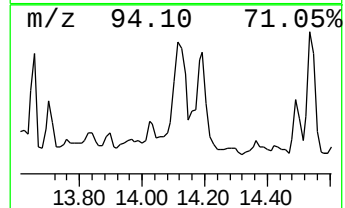
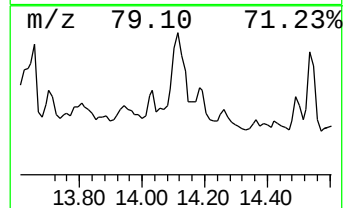
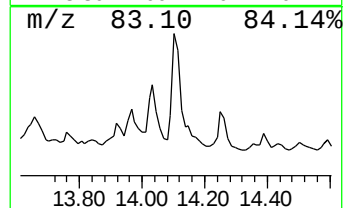
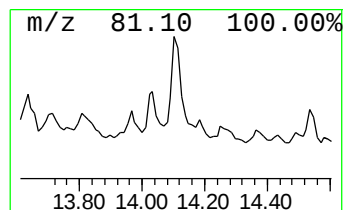
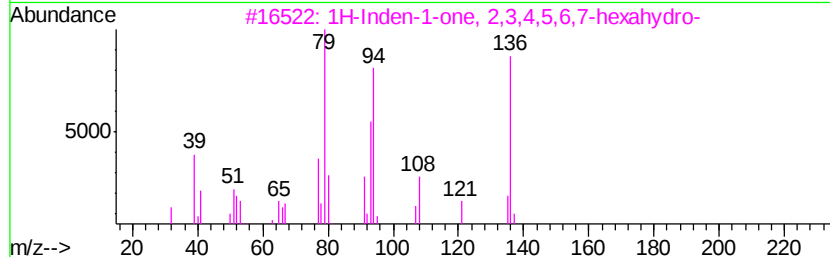
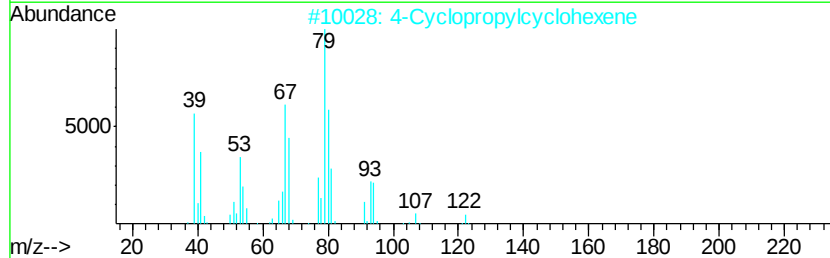
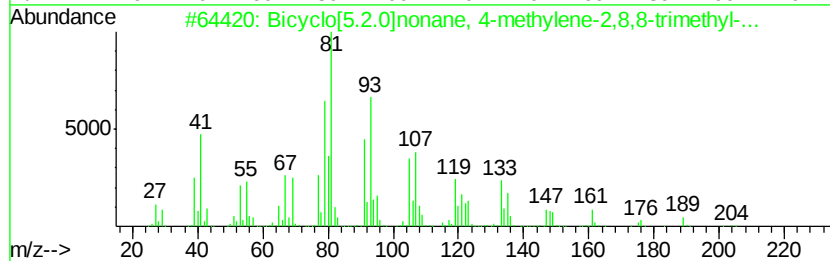
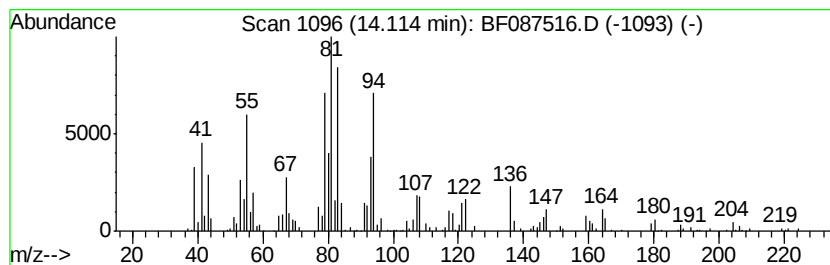
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	12.14 ng	581266	Phenanthrene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	43
2		4-Cyclopropylcyclohexene	122	C9H14	080105-51-7	30
3		1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	30
4		Cyclohexene 3-(tert-butyl)peroxide	170	C10H18O2	051437-25-3	25
5		3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087516.D
Acq On : 29 May 2016 12:16
Operator : UM/SJ
Sample : H3222-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-30

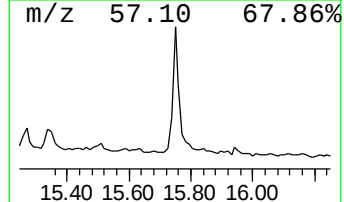
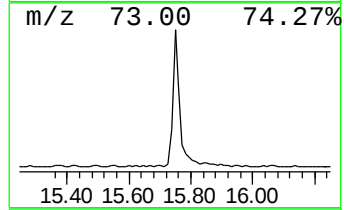
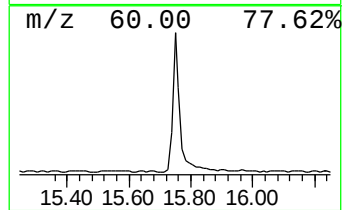
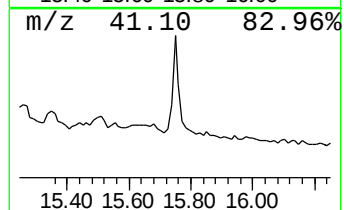
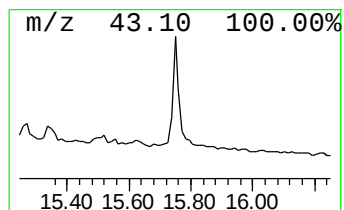
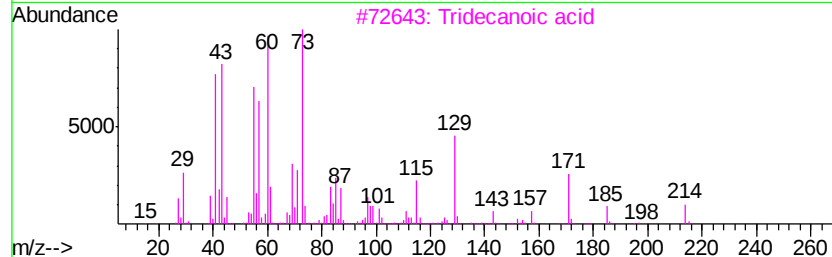
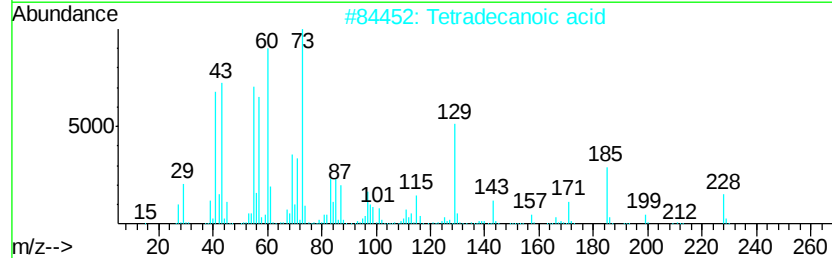
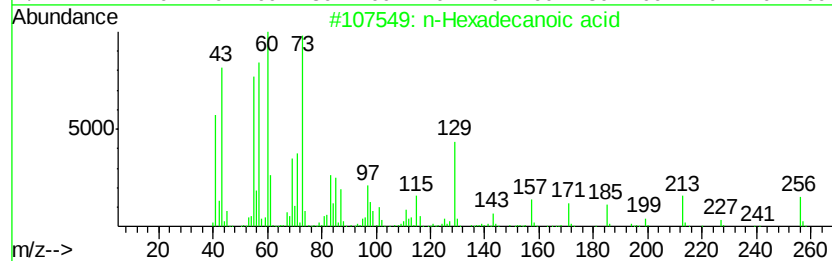
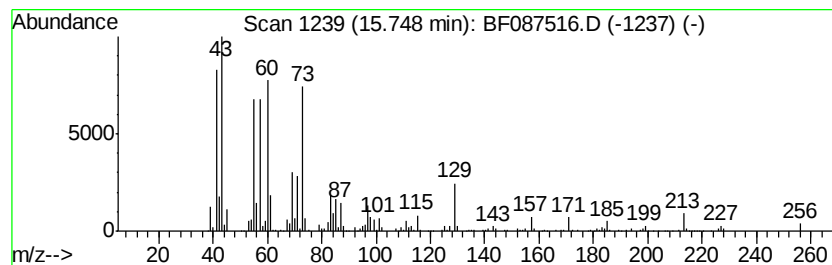
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	10.78 ng	516059	Phenanthrene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Undecanoic acid	186	C11H22O2	000112-37-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087516.D
 Acq On : 29 May 2016 12:16
 Operator : UM/SJ
 Sample : H3222-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.13	7.13	63.5	ng	2524020	1	7.47	795520	20.0
Benzene, (1-methy...	7.39	11.7	ng	466570	1	7.47	795520	20.0
Indane	7.74	10.6	ng	421787	1	7.47	795520	20.0
Benzene, 1,2-diet...	8.02	17.4	ng	690607	1	7.47	795520	20.0
unknown8.17	8.17	11.6	ng	462772	1	7.47	795520	20.0
1-Phenyl-1-butene	8.31	13.1	ng	522499	1	7.47	795520	20.0
Benzene, (1,2-dim...	9.60	9.7	ng	758210	2	9.50	1556650	20.0
Naphthalene, 1,2,...	9.91	11.4	ng	887731	2	9.50	1556650	20.0
1H-Indene, 2,3-di...	10.28	9.4	ng	730606	2	9.50	1556650	20.0
1-Adamantanol	10.35	21.3	ng	1660370	2	9.50	1556650	20.0
Naphthalene, 1,2,...	10.58	12.5	ng	975739	2	9.50	1556650	20.0
1.alpha., 4a.beta...	10.65	9.7	ng	757510	2	9.50	1556650	20.0
Tricyclo[5.4.0.0(...	11.19	13.5	ng	1292880	3	12.33	1920010	20.0
4-Isopropylphenyl...	12.49	10.7	ng	1023950	3	12.33	1920010	20.0
unknown12.77	12.77	10.8	ng	1039210	3	12.33	1920010	20.0
unknown13.78	13.78	10.5	ng	502465	4	14.73	957253	20.0
1H-Indene-4-carbo...	13.94	12.1	ng	577637	4	14.73	957253	20.0
unknown14.11	14.11	12.1	ng	581266	4	14.73	957253	20.0
n-Hexadecanoic acid	15.75	10.8	ng	516059	4	14.73	957253	20.0