

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090981.D
 Acq On : 2 Nov 2016 15:57
 Operator : UM/SJ
 Sample : H5491-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-74-8.3-15.0

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-BF102616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	22	24	36	rVB2	24655	60578	1.39%	0.130%
2	4.887	242	245	248	rBV	1891533	2541146	58.37%	5.434%
3	5.321	281	283	285	rBV	1354187	1436701	33.00%	3.072%
4	5.653	310	312	315	rBV	35696	52547	1.21%	0.112%
5	5.870	329	331	334	rBV	181324	205903	4.73%	0.440%
6	6.167	355	357	360	rBV	57722	67111	1.54%	0.144%
7	6.361	372	374	382	rBV	1034243	1208924	27.77%	2.585%
8	6.487	382	385	387	rVV	2913343	2678898	61.54%	5.729%
9	6.567	391	392	397	rVB	71610	108523	2.49%	0.232%
10	6.670	398	401	403	rVB	67971	81097	1.86%	0.173%
11	6.716	403	405	410	rBV	937587	955083	21.94%	2.042%
12	6.796	410	412	416	rVB2	34711	45094	1.04%	0.096%
13	6.876	416	419	420	rBV	2690846	2496640	57.35%	5.339%
14	6.899	420	421	426	rVB	289676	248776	5.71%	0.532%
15	6.979	426	428	432	rBV2	25009	44132	1.01%	0.094%
16	7.047	432	434	437	rBV2	52034	114874	2.64%	0.246%
17	7.139	437	442	450	rVB	185750	571807	13.13%	1.223%
18	7.287	452	455	461	rVB	2326094	2527065	58.05%	5.404%
19	7.379	461	463	464	rBV	99805	131181	3.01%	0.281%
20	7.436	464	468	470	rVV2	181342	324524	7.45%	0.694%
21	7.493	470	473	475	rVB	140604	230509	5.29%	0.493%
22	7.562	475	479	482	rVB4	22146	70112	1.61%	0.150%
23	7.676	482	489	493	rVB4	62337	199459	4.58%	0.427%
24	7.744	493	495	497	rBV2	355072	540869	12.42%	1.157%
25	7.813	497	501	505	rVB	534098	1110594	25.51%	2.375%
26	7.973	509	515	516	rBV4	33746	119519	2.75%	0.256%
27	8.007	516	518	520	rVV	1677931	1788911	41.09%	3.826%
28	8.064	521	523	525	rVB2	199746	316832	7.28%	0.678%
29	8.202	533	535	537	rVB	80269	88248	2.03%	0.189%
30	8.259	537	540	541	rBV	73501	104689	2.40%	0.224%
31	8.282	541	542	545	rVV2	49420	67925	1.56%	0.145%
32	8.350	545	548	550	rVV	131420	190264	4.37%	0.407%
33	8.396	550	552	554	rVV	364032	398963	9.16%	0.853%
34	8.442	554	556	557	rVV2	52240	89914	2.07%	0.192%

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35	8.476	557	559	561	rVV2	141171	181797	4.18%	0.389%
36	8.602	564	570	572	rBV2	100989	196249	4.51%	0.420%
37	8.670	572	576	577	rBV3	146691	213758	4.91%	0.457%
38	8.693	577	578	580	rVB2	47625	66310	1.52%	0.142%
39	8.819	585	589	590	rBV	680780	733030	16.84%	1.568%
40	8.842	590	591	596	rVB4	106681	165598	3.80%	0.354%
41	8.967	598	602	604	rVV	632494	785660	18.05%	1.680%
42	9.002	604	605	607	rVB2	63849	73846	1.70%	0.158%
43	9.093	609	613	615	rBV	3594144	4353392	100.00%	9.310%
44	9.230	619	625	626	rBV3	141464	389251	8.94%	0.832%
45	9.345	633	635	637	rBV3	120830	292541	6.72%	0.626%
46	9.379	637	638	640	rVV	244164	265889	6.11%	0.569%
47	9.482	646	647	649	rVB	218589	225212	5.17%	0.482%
48	9.539	649	652	654	rVV3	149008	264243	6.07%	0.565%
49	9.585	654	656	657	rVV	124374	167252	3.84%	0.358%
50	9.619	657	659	662	rVB	158635	201632	4.63%	0.431%
51	9.756	669	671	673	rBV	1200016	1681399	38.62%	3.596%
52	9.790	673	674	678	rVB2	85933	81671	1.88%	0.175%
53	9.847	678	679	683	rVB2	110864	156065	3.58%	0.334%
54	9.927	683	686	687	rBV2	29582	52529	1.21%	0.112%
55	9.996	687	692	694	rVB2	320199	367776	8.45%	0.787%
56	10.087	697	700	702	rBV2	91189	116208	2.67%	0.249%
57	10.202	708	710	711	rVB2	92374	73507	1.69%	0.157%
58	10.305	717	719	721	rVV	71388	71684	1.65%	0.153%
59	10.373	721	725	726	rVV2	107661	144340	3.32%	0.309%
60	10.419	728	729	732	rVV2	54465	90693	2.08%	0.194%
61	10.476	732	734	738	rVV3	74107	165062	3.79%	0.353%
62	10.556	738	741	743	rVV	2420173	2944013	67.63%	6.296%
63	10.636	746	748	750	rVV2	144916	172385	3.96%	0.369%
64	10.670	750	751	755	rVB2	90770	160695	3.69%	0.344%
65	10.830	761	765	766	rBV2	35640	81245	1.87%	0.174%
66	10.933	771	774	776	rVV	156583	160434	3.69%	0.343%
67	11.128	789	791	796	rVB2	81236	179917	4.13%	0.385%
68	11.242	799	801	805	rVV	1746641	1644614	37.78%	3.517%
69	11.299	805	806	810	rVB3	40815	49921	1.15%	0.107%
70	11.550	825	828	831	rBV2	38425	67707	1.56%	0.145%
71	11.608	831	833	835	rVB	37956	59083	1.36%	0.126%

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72	11.791	846	849	850	rBV2	278952	318333	7.31%	0.681%
73	11.825	850	852	854	rVB2	267066	253352	5.82%	0.542%
74	12.008	866	868	872	rVB2	36993	48713	1.12%	0.104%
75	12.579	915	918	919	rBV2	68598	94638	2.17%	0.202%
76	12.613	919	921	924	rVV	35302	54093	1.24%	0.116%
77	12.716	928	930	934	rVB3	32445	54052	1.24%	0.116%
78	12.831	937	940	942	rVV	4256238	4008564	92.08%	8.573%
79	12.876	942	944	952	rVB	266017	417973	9.60%	0.894%
80	13.734	1017	1019	1023	rVB2	198802	227786	5.23%	0.487%
81	13.802	1023	1025	1029	rBV	209099	246927	5.67%	0.528%
82	13.882	1029	1032	1034	rBV	1055798	1396093	32.07%	2.986%
83	14.637	1095	1098	1102	rBV	207542	257389	5.91%	0.550%
84	15.265	1151	1153	1156	rBV	623797	955374	21.95%	2.043%
85	15.562	1176	1179	1185	rVB5	22258	54148	1.24%	0.116%
86	15.757	1193	1196	1201	rBV2	24007	59052	1.36%	0.126%

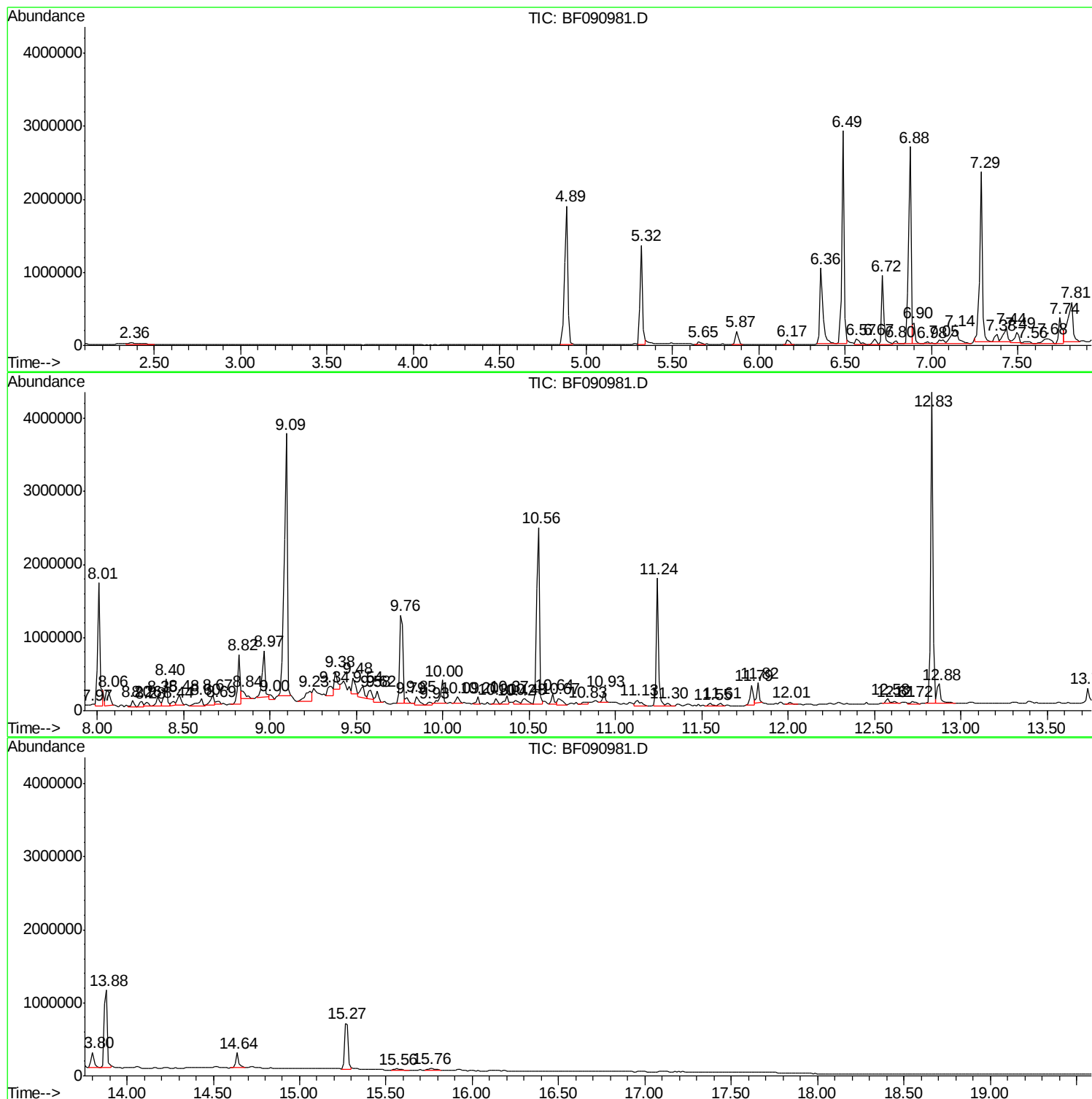
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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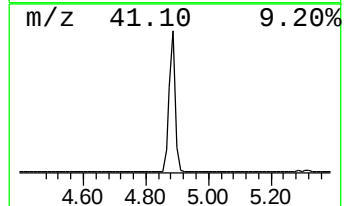
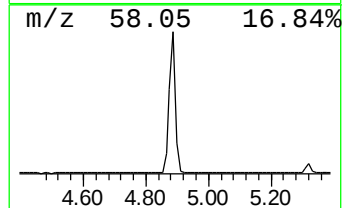
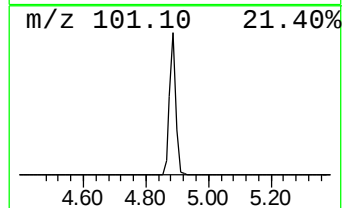
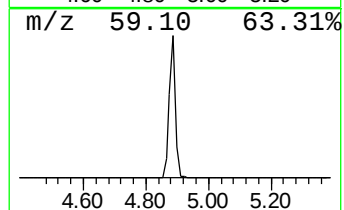
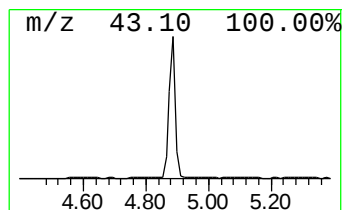
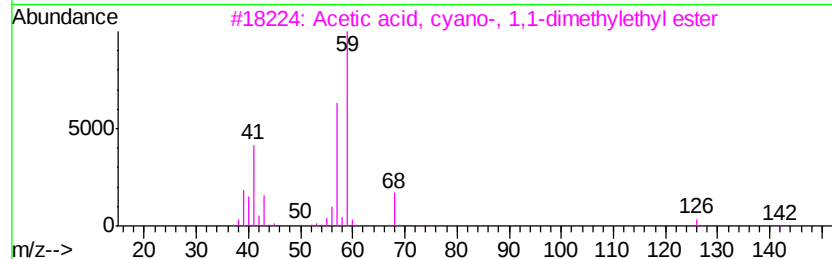
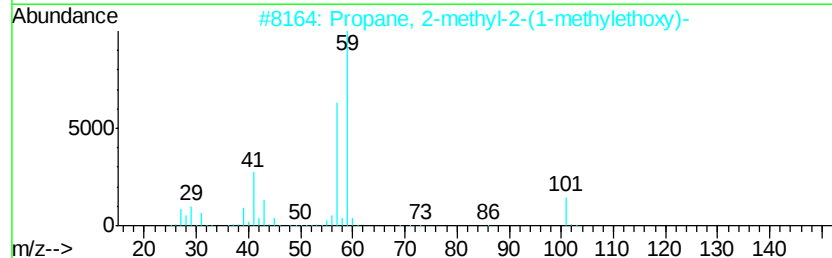
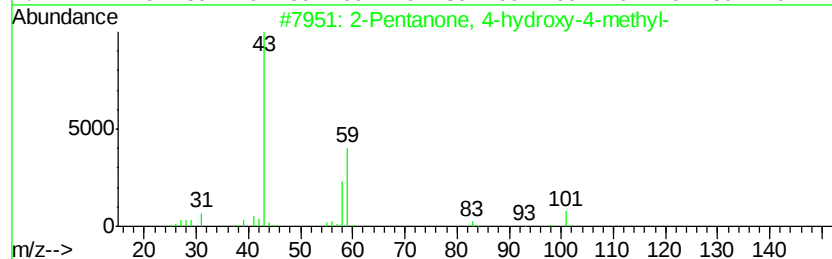
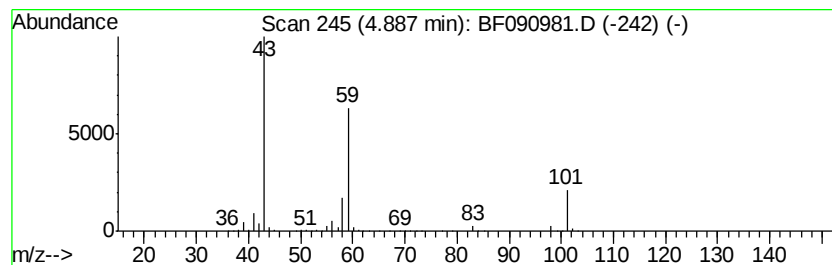
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	53.21 ng	2541150	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53	
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	



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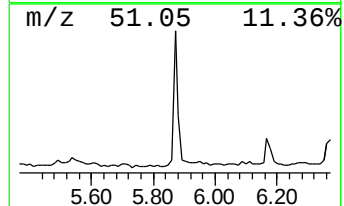
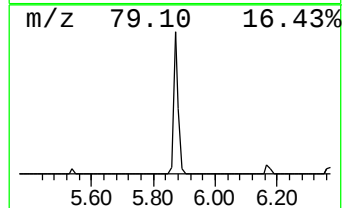
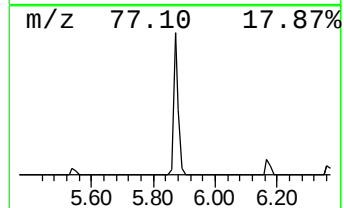
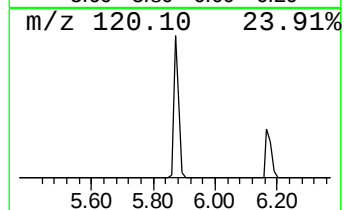
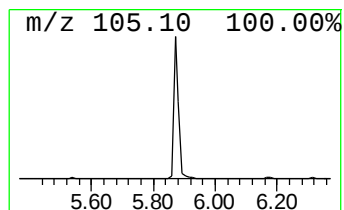
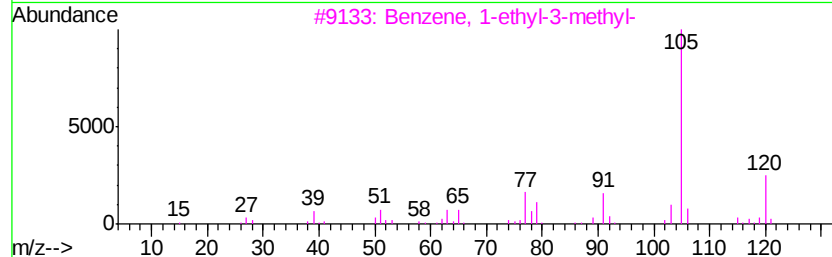
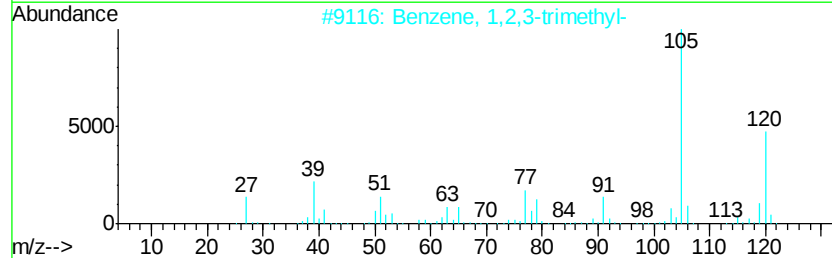
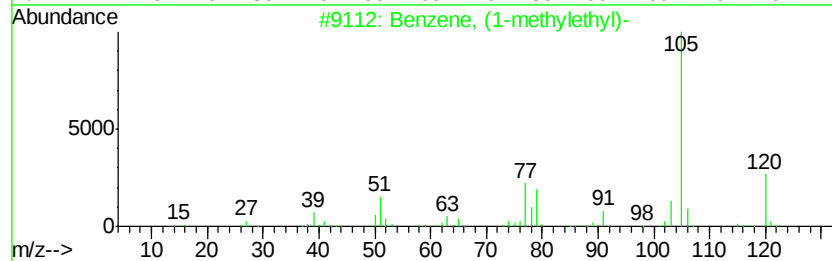
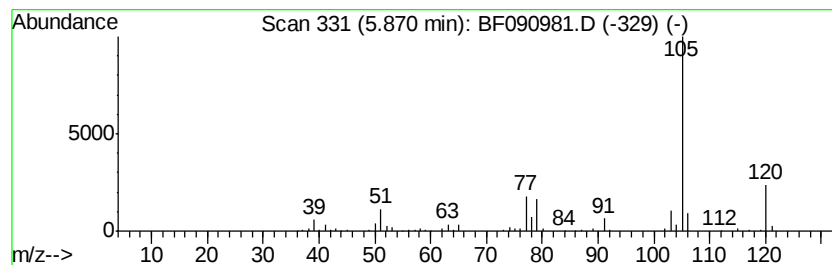
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	4.31 ng	205903	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72



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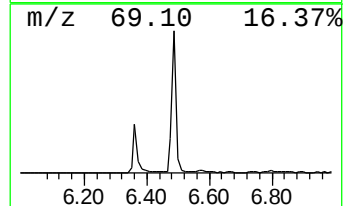
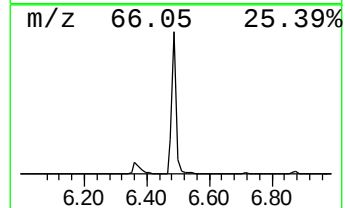
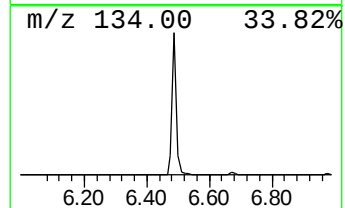
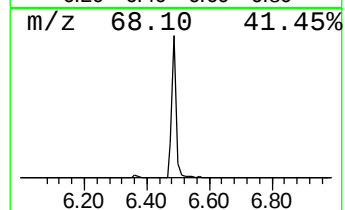
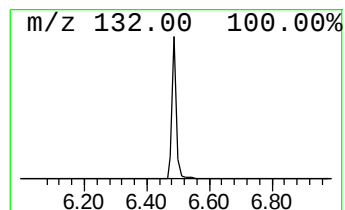
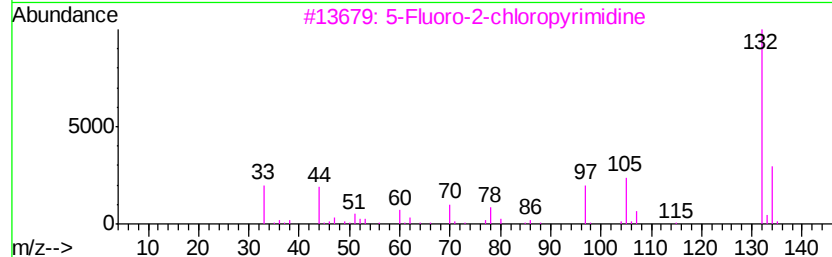
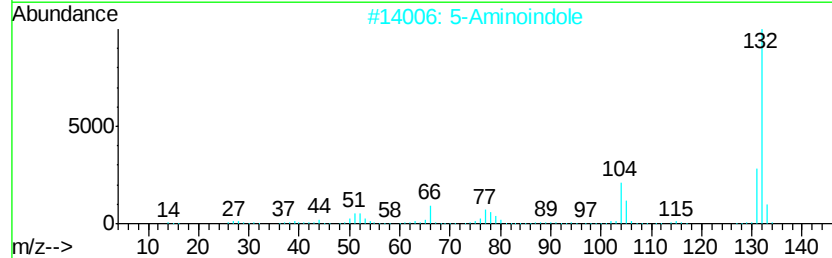
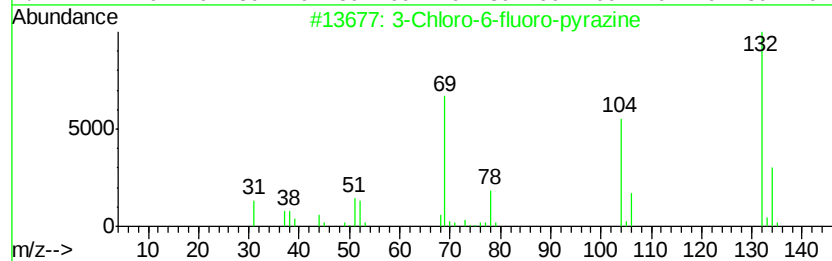
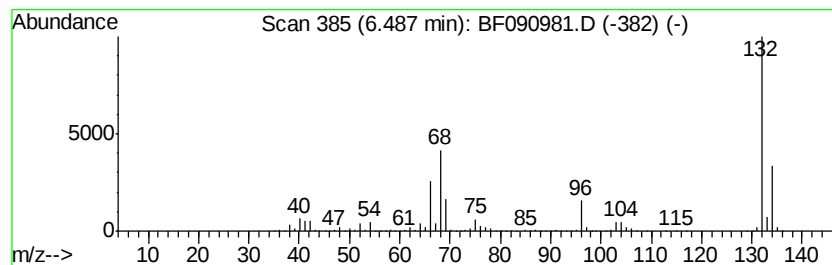
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	56.10 ng	2678900	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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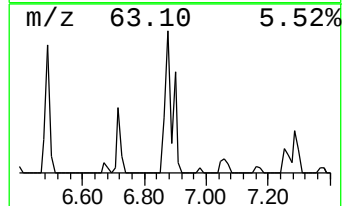
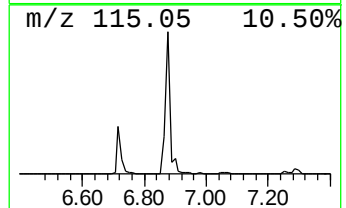
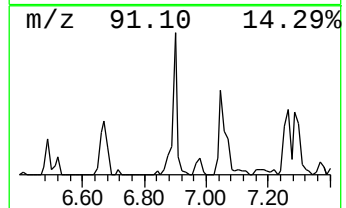
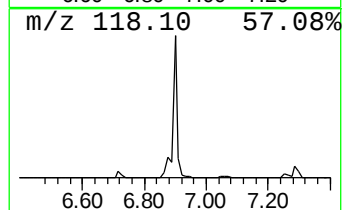
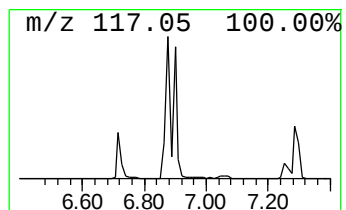
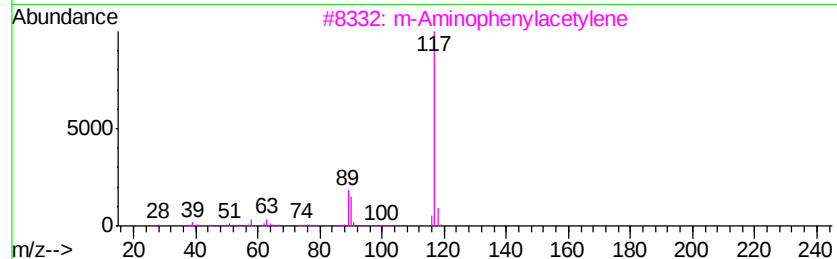
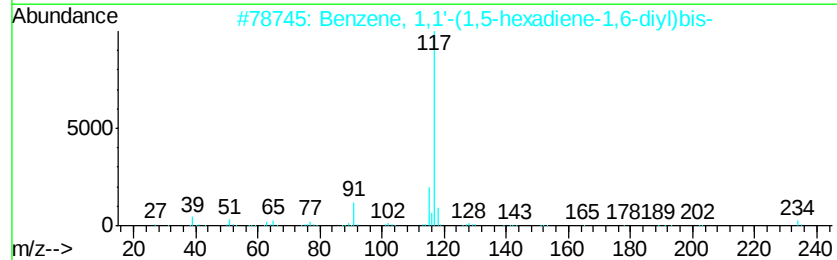
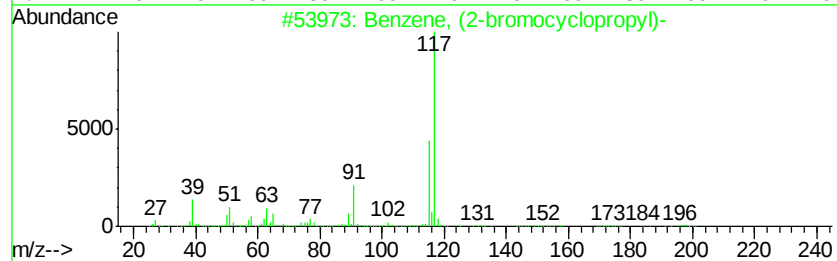
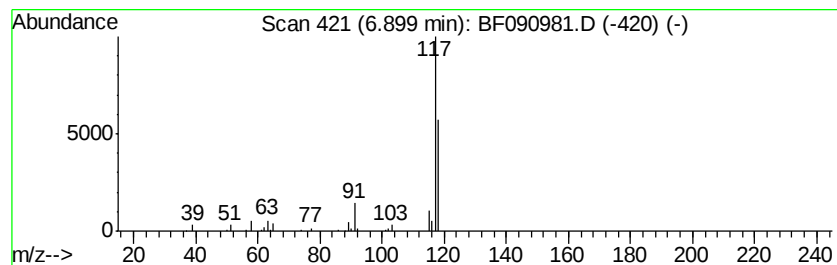
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (2-bromocyclopropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	5.21 ng	248776	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	50
2		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	33
3		m-Aminophenylacetylene	117	C8H7N	054060-30-9	28
4		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	12
5		Deltacyclene	118	C9H10	007785-10-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-74-8.3-15.0

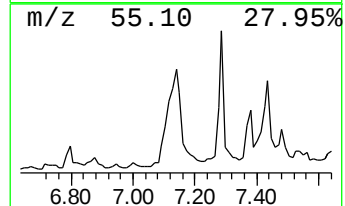
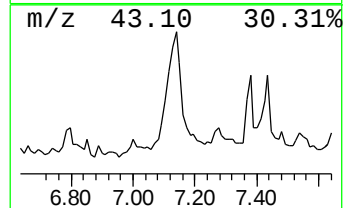
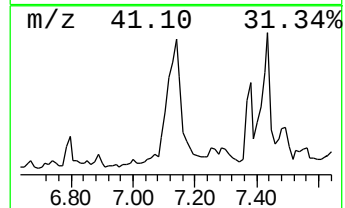
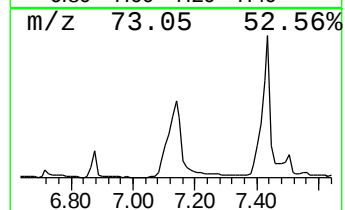
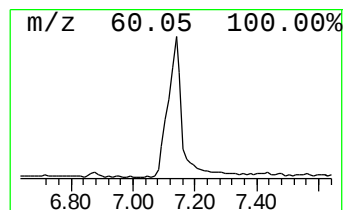
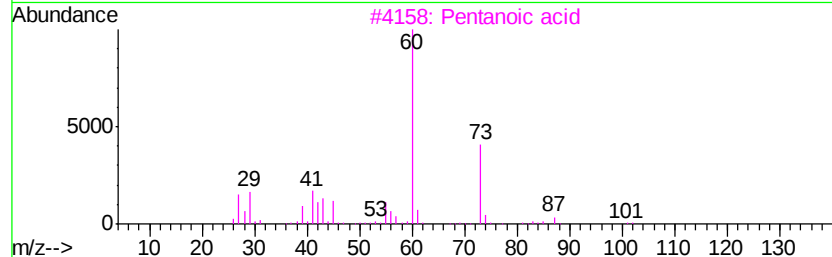
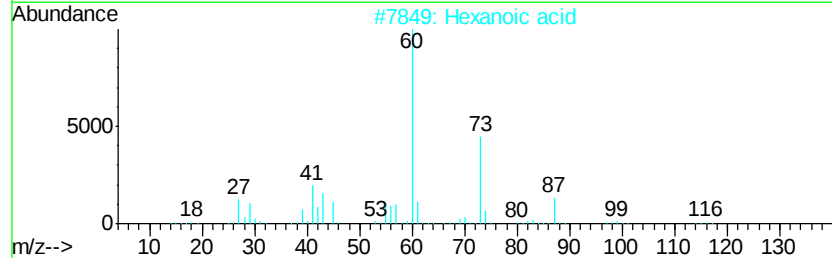
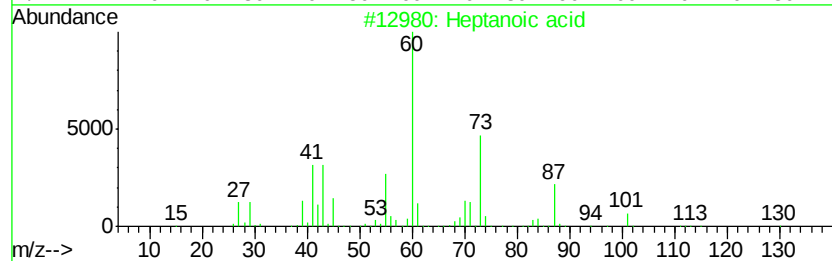
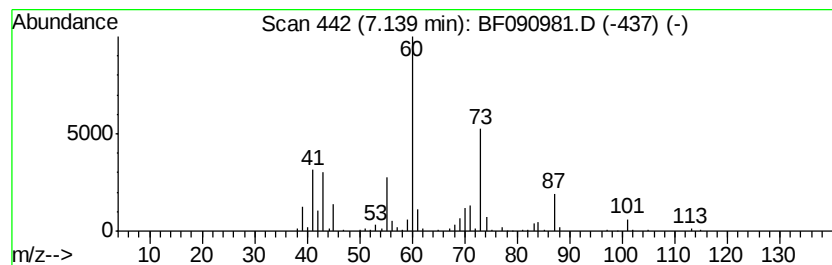
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	11.97 ng	571807	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	91
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Pentanoic acid	102	C5H10O2	000109-52-4	58
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	58
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-74-8.3-15.0

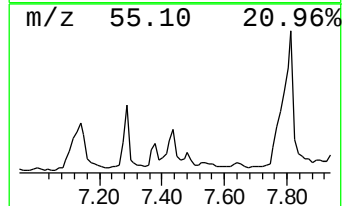
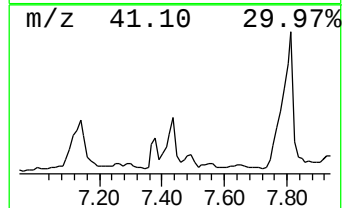
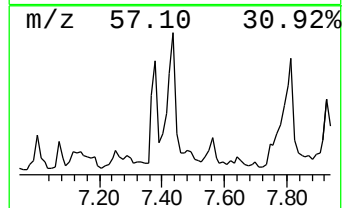
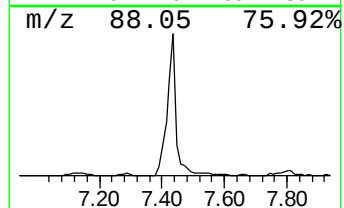
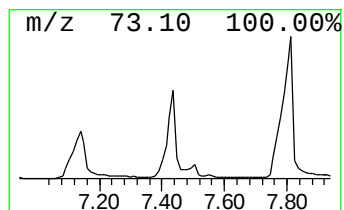
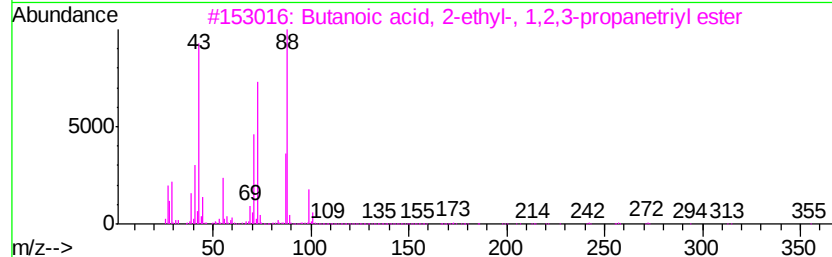
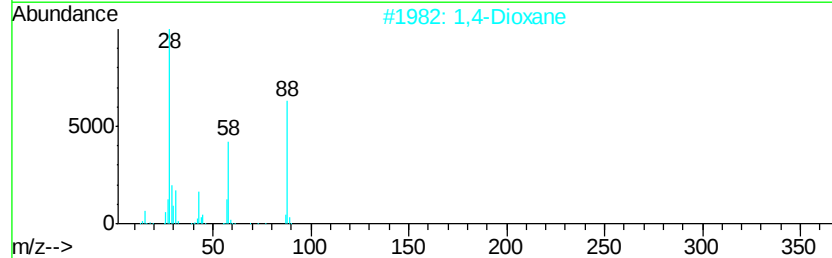
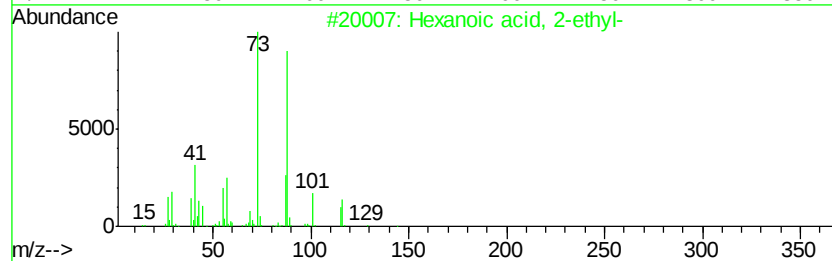
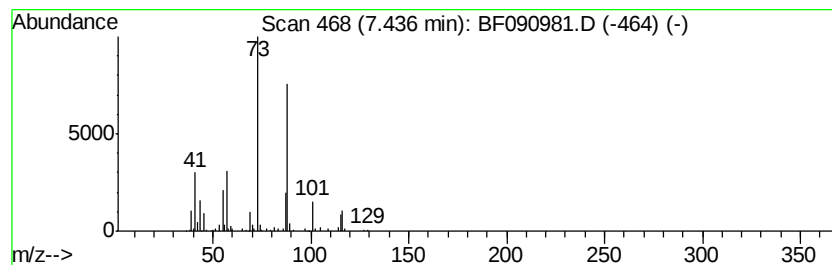
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	3.63 ng	324524	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2		1,4-Dioxane	88	C4H8O2	000123-91-1	43
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
5		Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
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Operator : UM/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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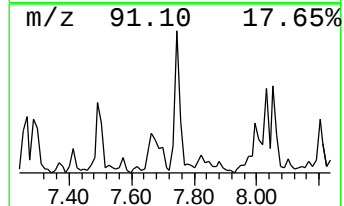
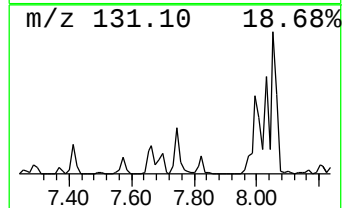
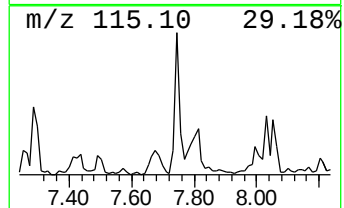
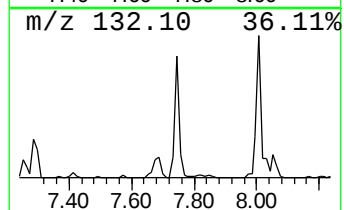
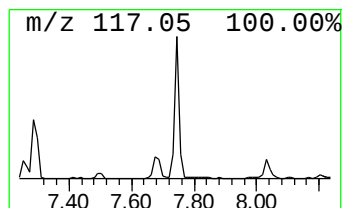
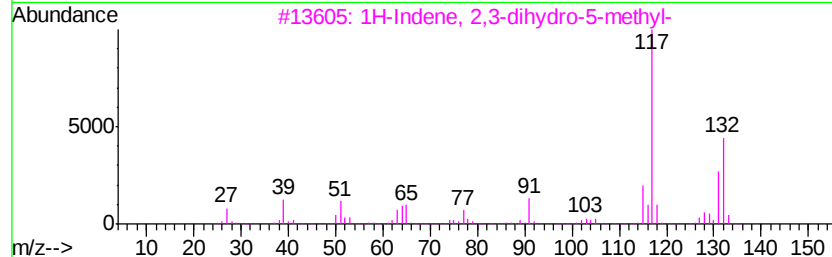
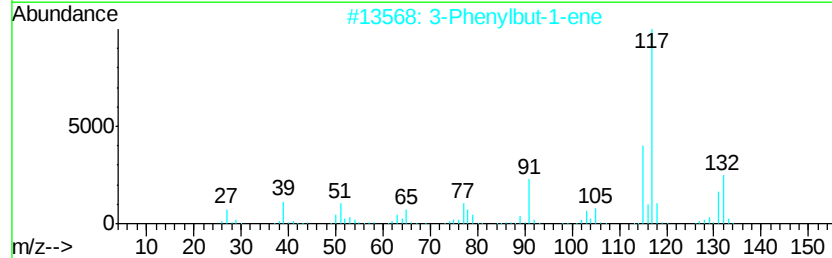
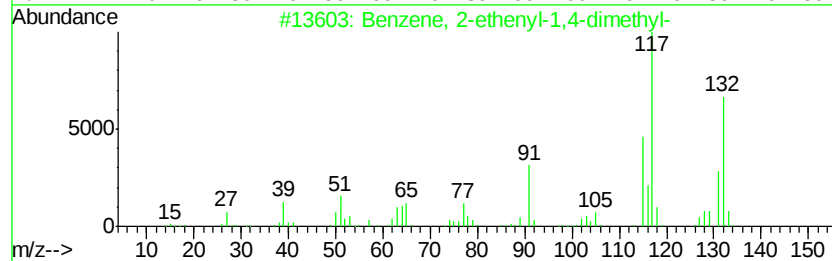
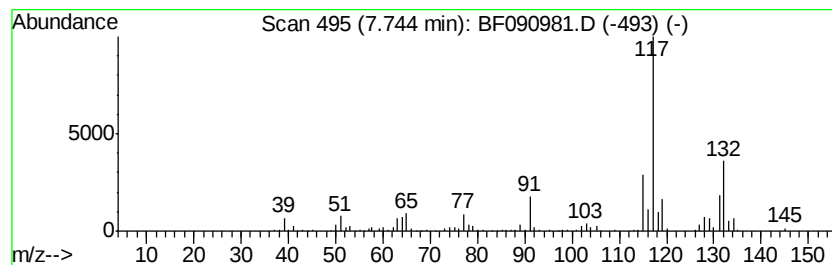
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	6.05 ng	540869	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4		Indan, 1-methyl-	132	C10H12	000767-58-8	87
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
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Operator : UM/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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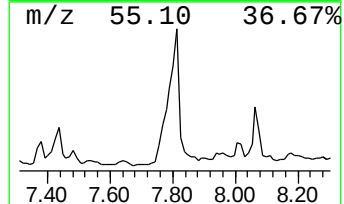
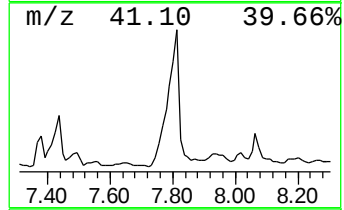
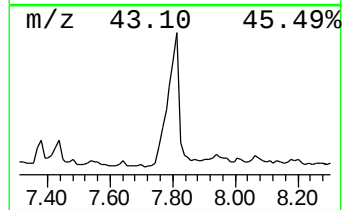
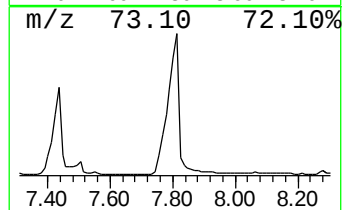
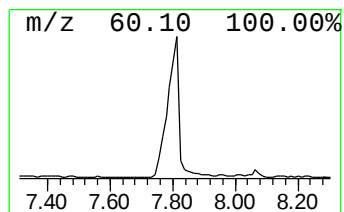
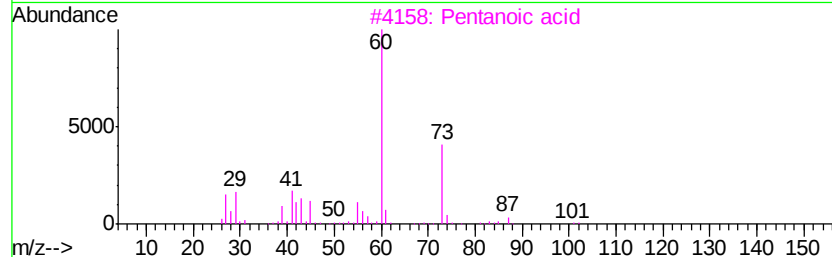
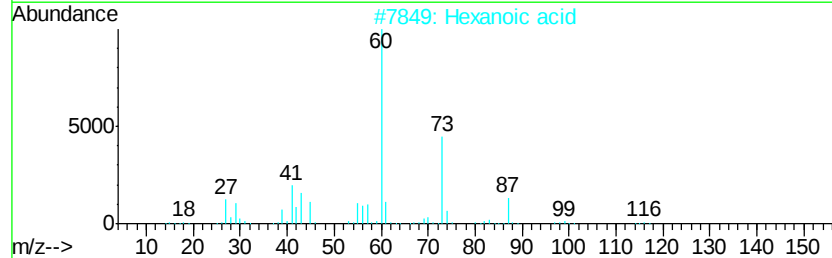
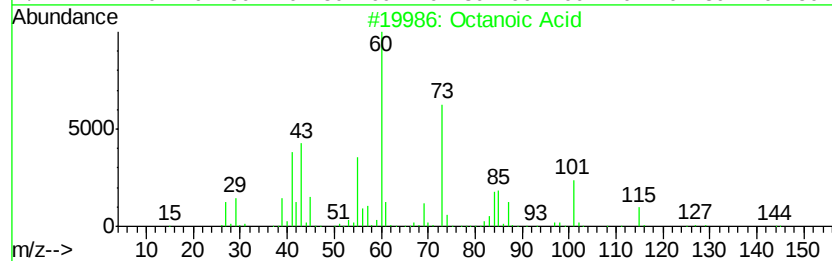
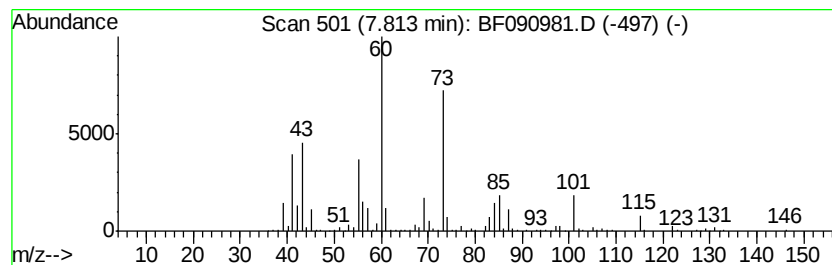
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octanoic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	12.42 ng	1110590	Napthalene-d8	8.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid		144	C8H16O2	000124-07-2	90
2	Hexanoic acid		116	C6H12O2	000142-62-1	74
3	Pentanoic acid		102	C5H10O2	000109-52-4	52
4	Heptanoic acid		130	C7H14O2	000111-14-8	42
5	4a-Methyl-6,8-dioxa-3-thia-bicyc...		146	C6H10O2S	1000144-00-7	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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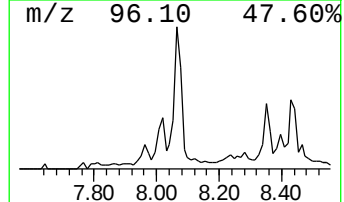
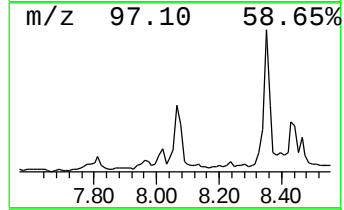
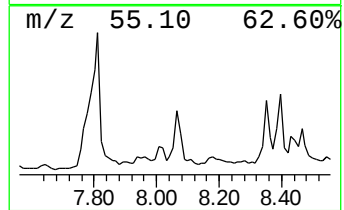
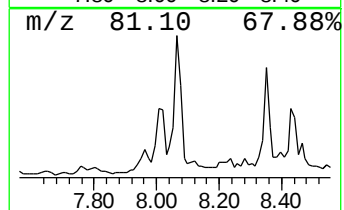
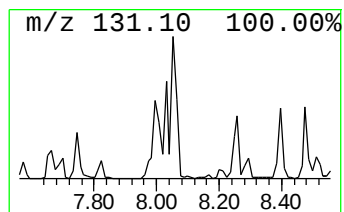
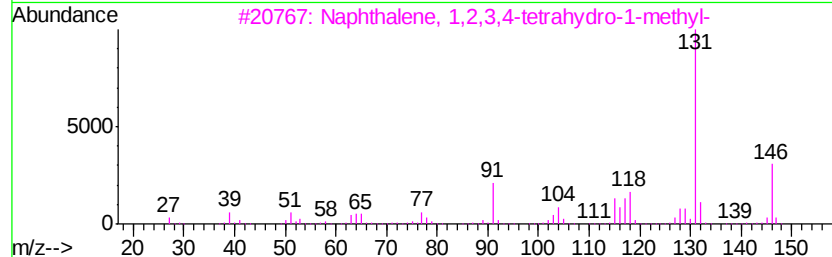
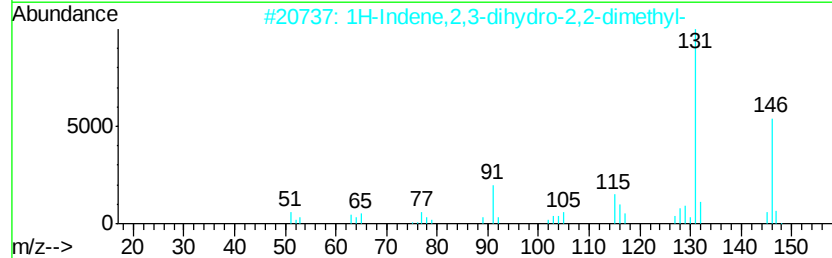
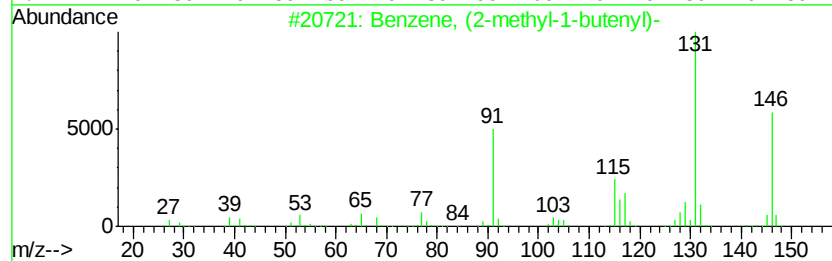
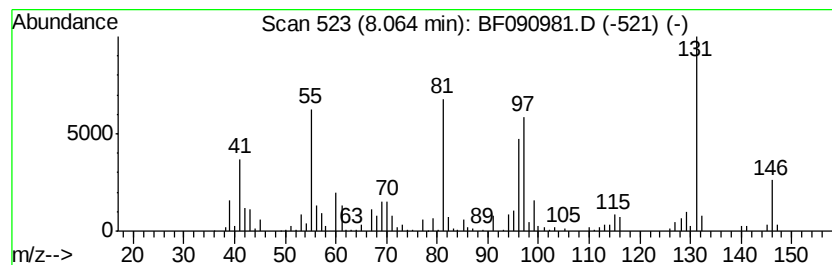
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	3.54 ng	316832	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
2		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	46
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	41
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
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Misc :
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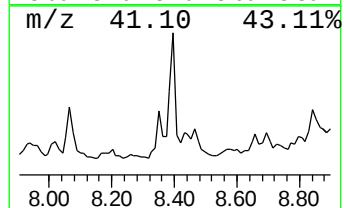
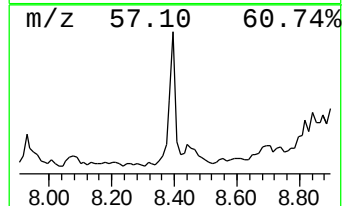
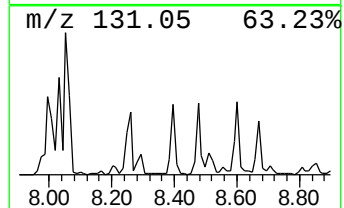
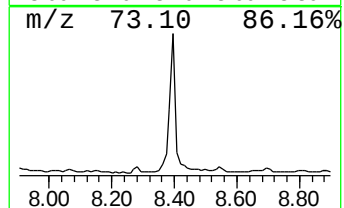
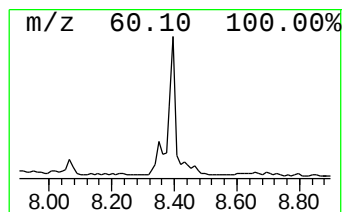
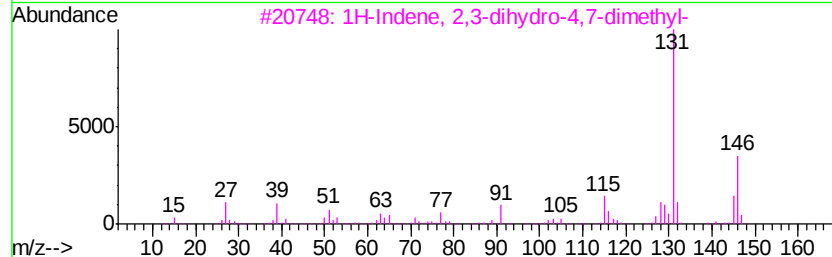
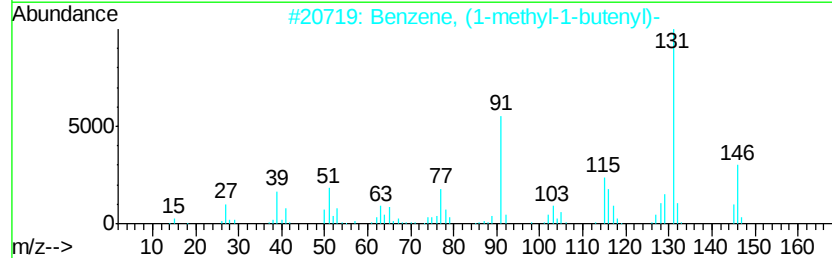
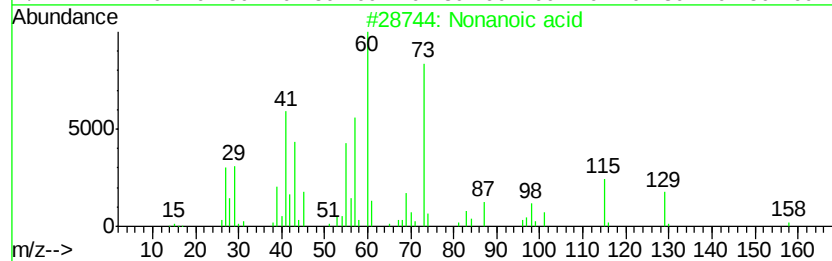
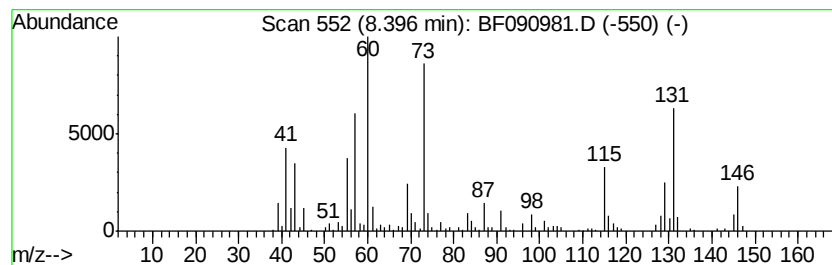
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown8.40 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	4.46 ng	398963	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	47
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38
4		Heptanoic acid	130	C7H14O2	000111-14-8	38
5		Butanoic acid	88	C4H8O2	000107-92-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-74-8.3-15.0

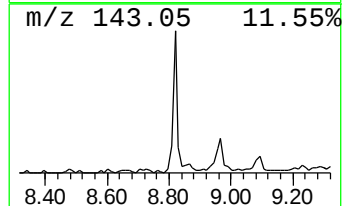
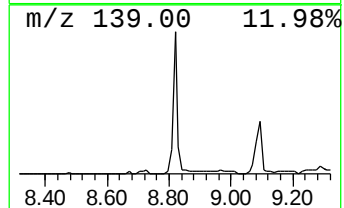
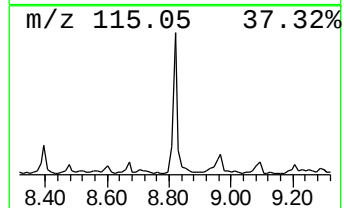
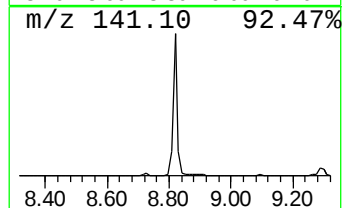
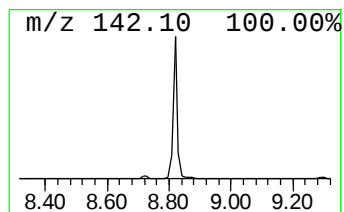
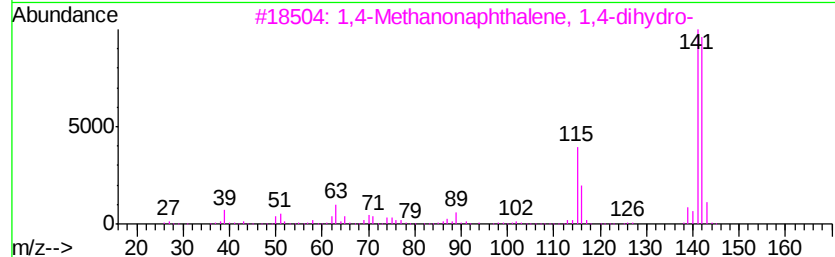
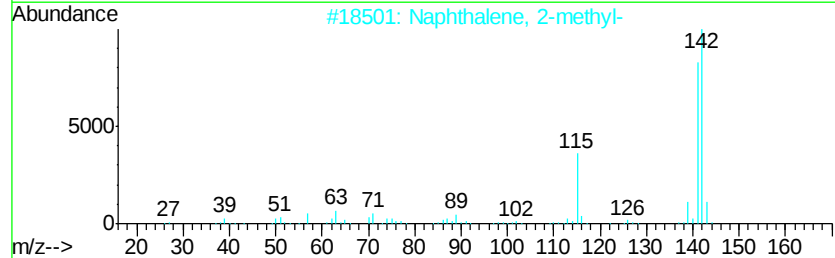
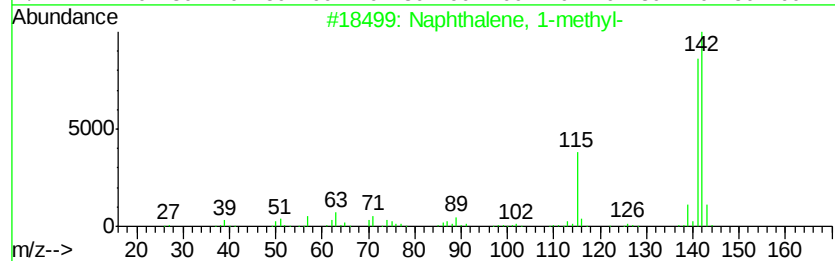
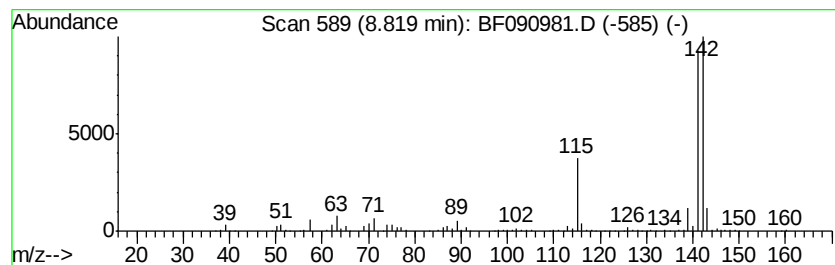
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	8.20 ng	733030	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
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Misc :
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ClientSampleId :
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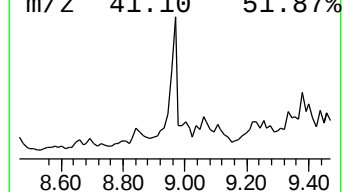
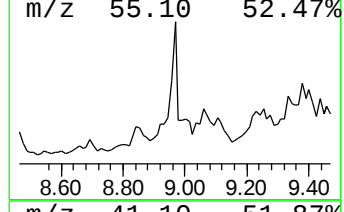
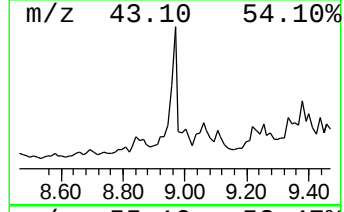
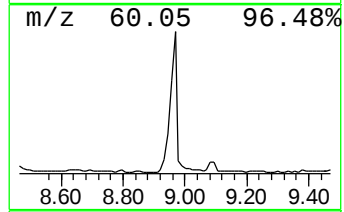
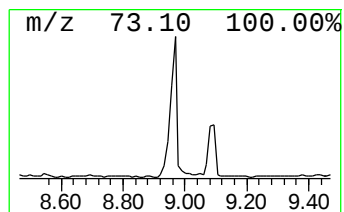
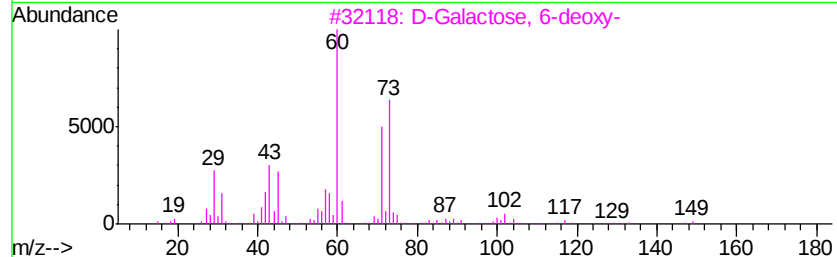
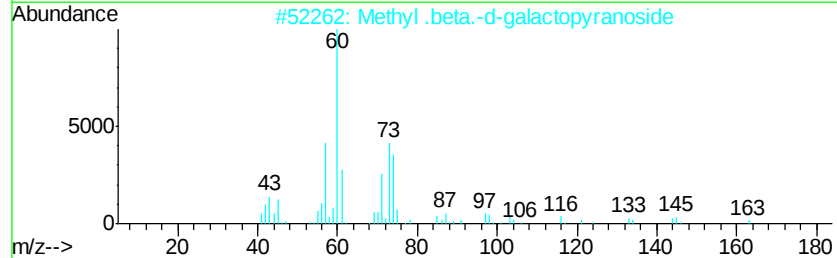
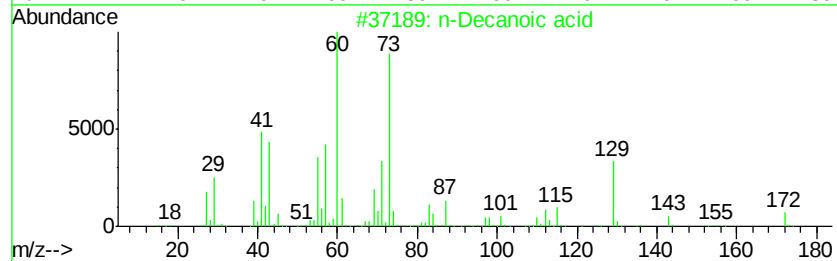
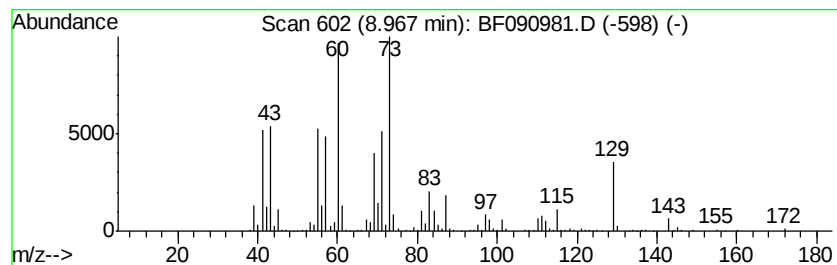
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Decanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	9.35 ng	785660	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Decanoic acid	172	C10H20O2	000334-48-5	72
2			Methyl .beta.-d-galactopyranoside	194	C7H14O6	1000126-04-6	50
3			D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	50
4			Heptanoic acid	130	C7H14O2	000111-14-8	47
5			Butanoic acid	88	C4H8O2	000107-92-6	38



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Data File : BF090981.D
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Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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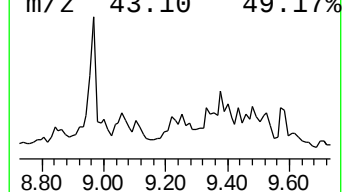
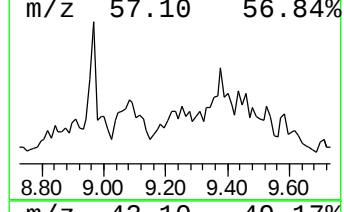
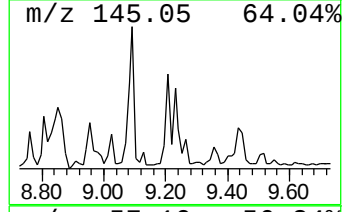
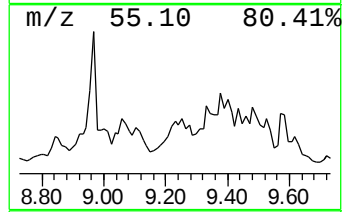
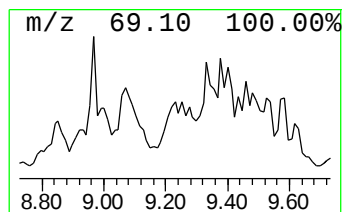
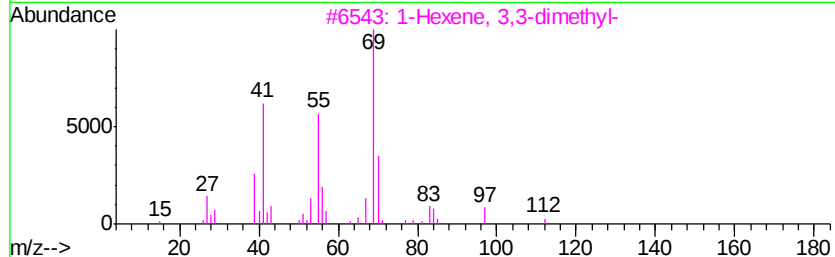
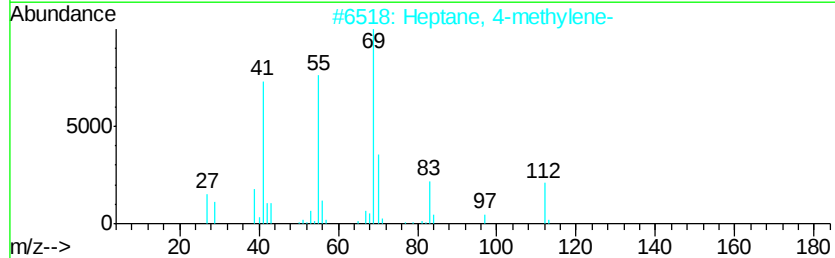
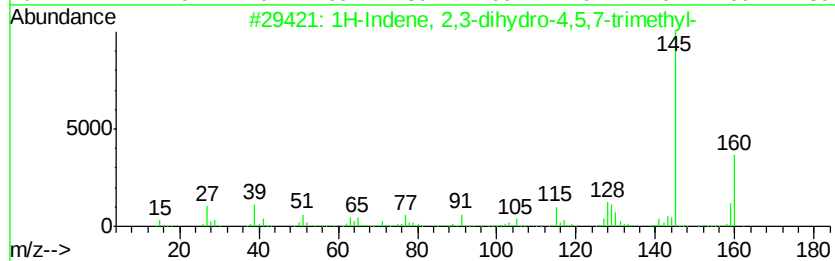
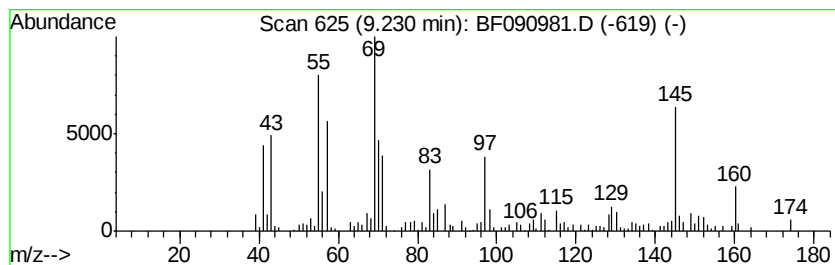
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.63 ng	389251	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	44
2		Heptane, 4-methylene-	112	C8H16	015918-08-8	30
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
4		2-Methylthiolane, S,S-dioxide	134	C5H10O2S	001003-46-9	27
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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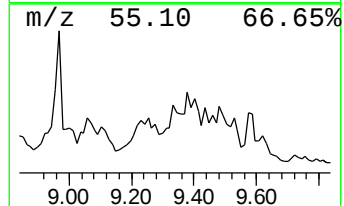
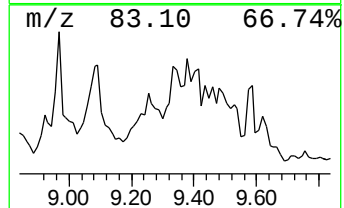
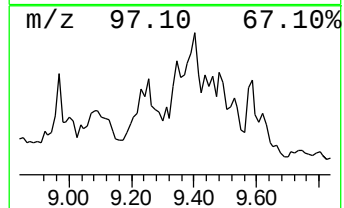
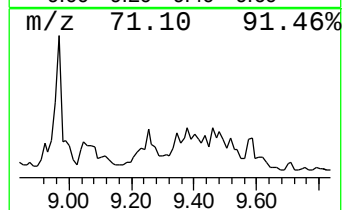
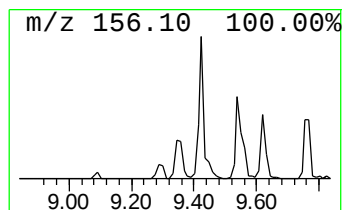
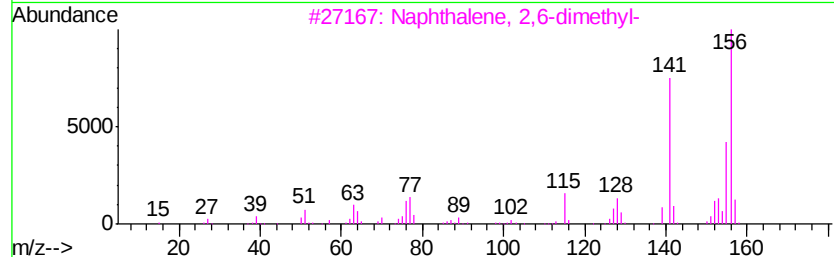
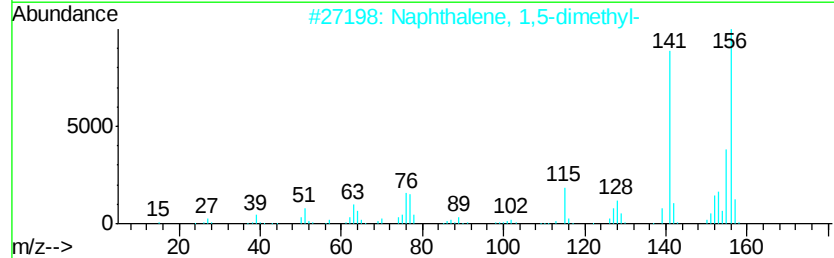
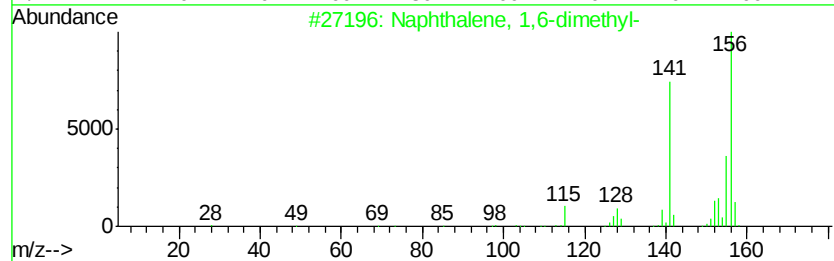
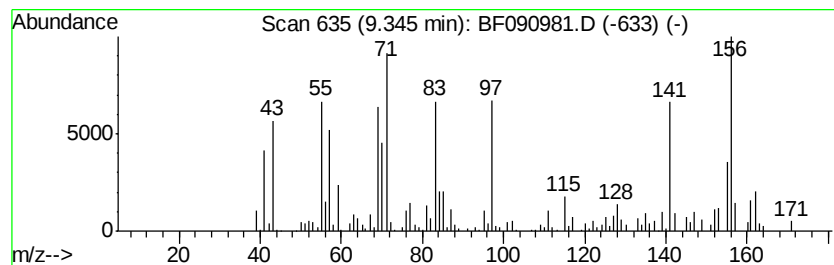
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.48 ng	292541	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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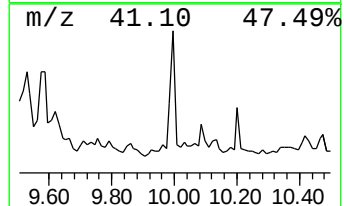
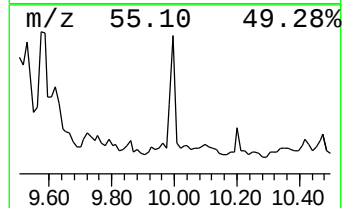
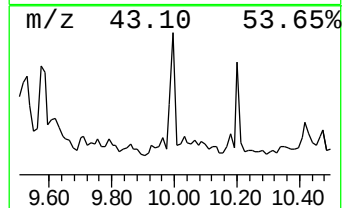
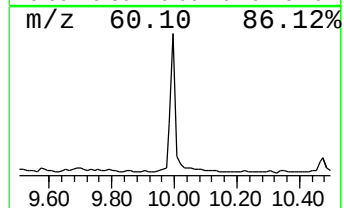
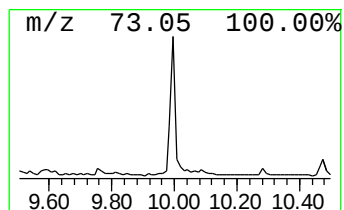
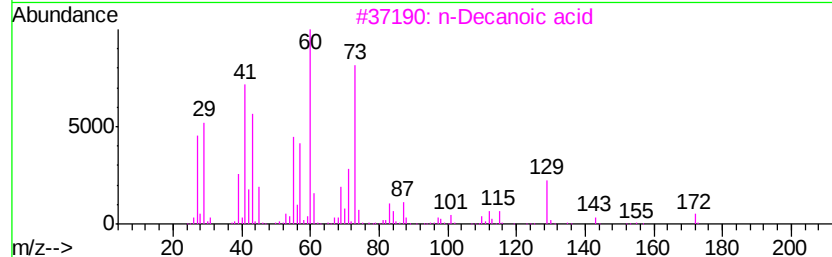
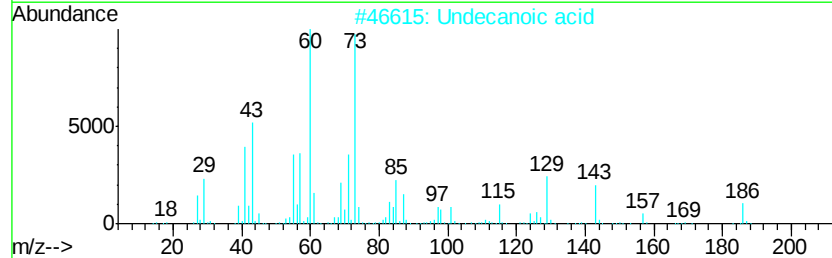
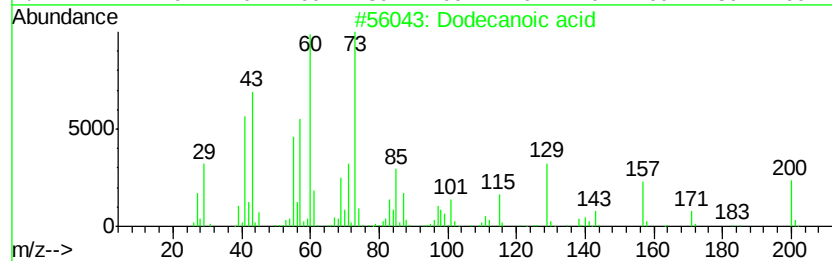
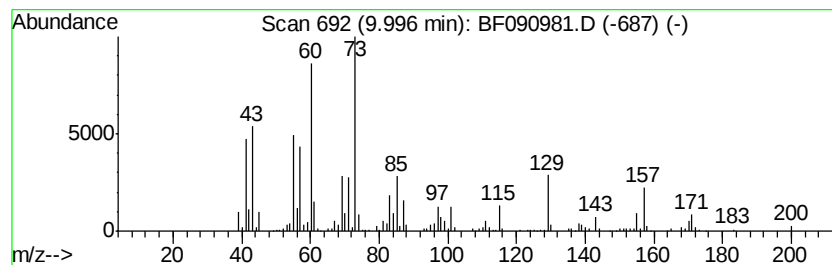
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.37 ng	367776	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	90
2			Undecanoic acid	186	C11H22O2	000112-37-8	59
3			n-Decanoic acid	172	C10H20O2	000334-48-5	58
4			Nonanoic acid	158	C9H18O2	000112-05-0	47
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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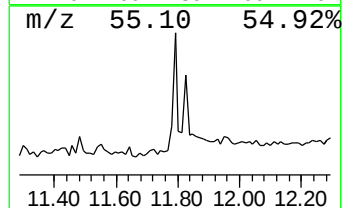
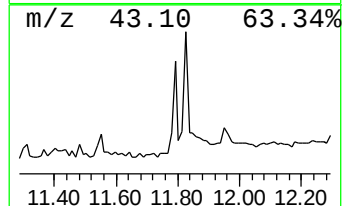
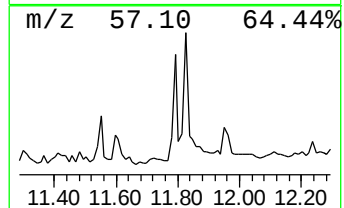
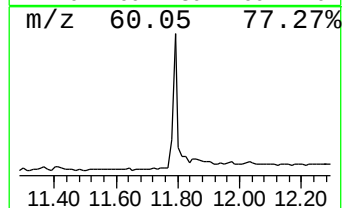
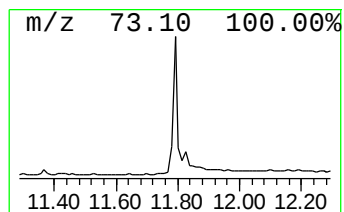
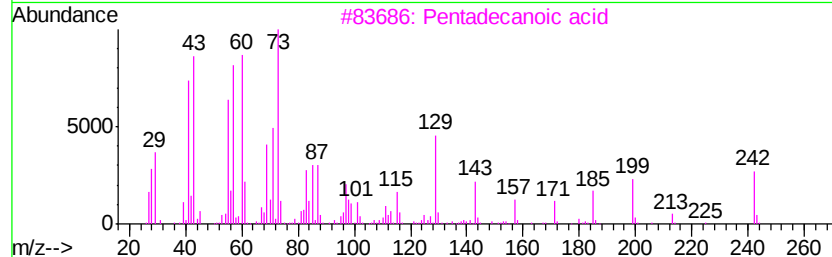
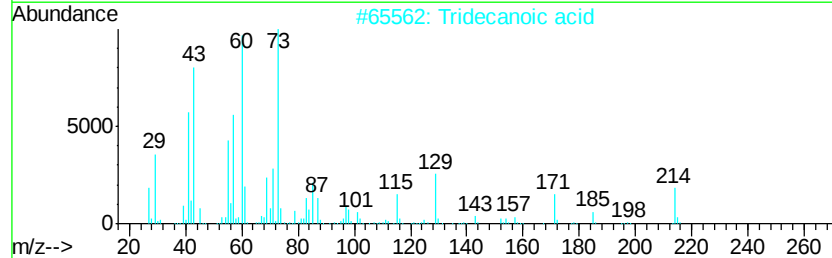
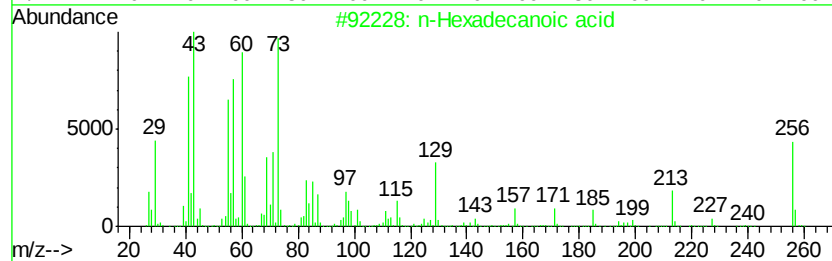
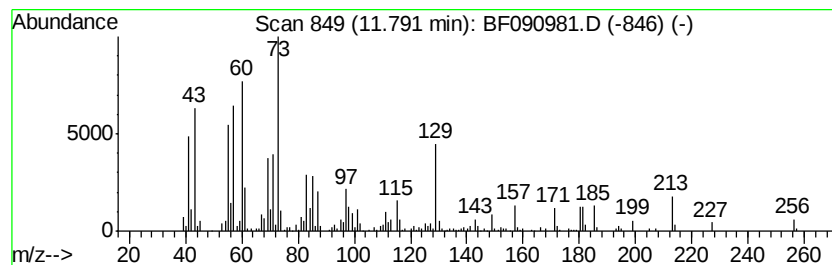
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.87 ng	318333	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	68
5		Tridecane	184	C13H28	000629-50-5	15



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Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
GW-74-8.3-15.0

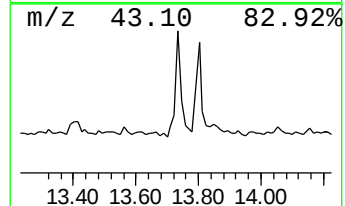
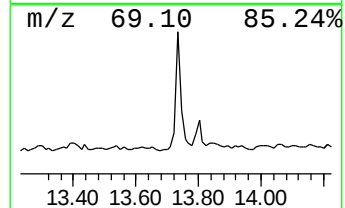
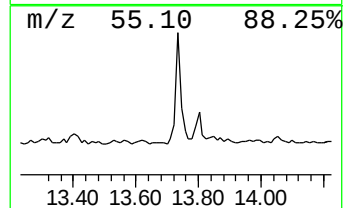
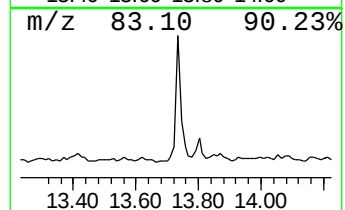
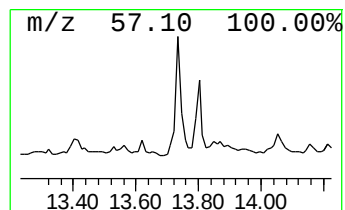
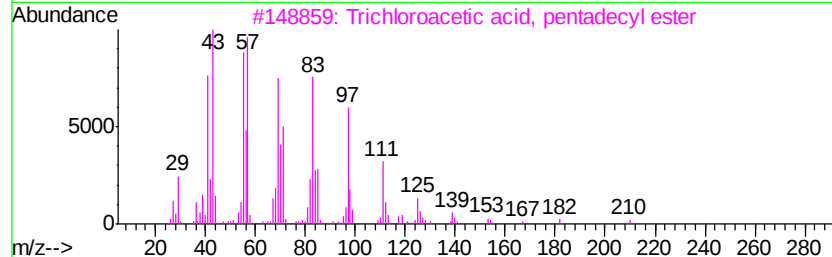
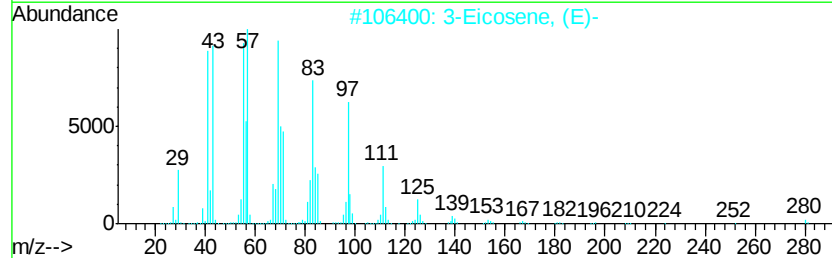
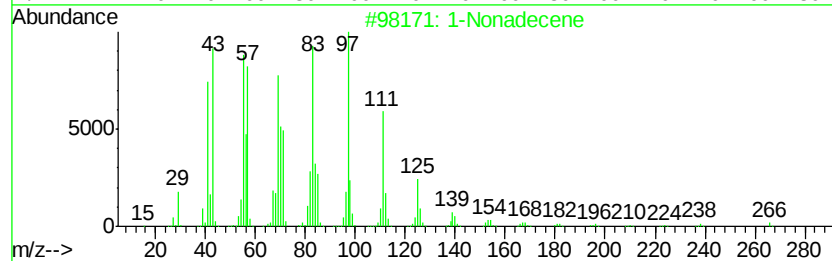
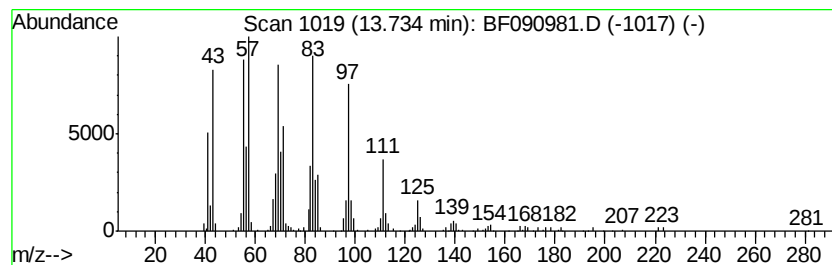
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Nonadecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.26 ng	227786	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	91
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

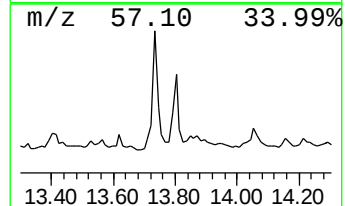
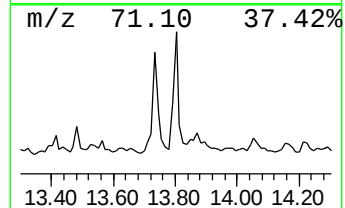
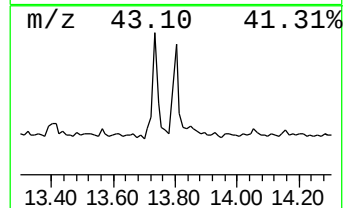
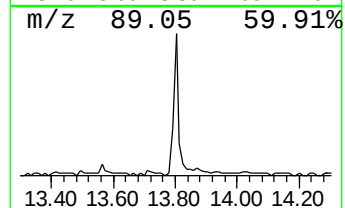
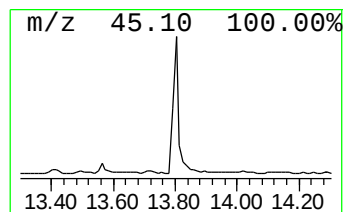
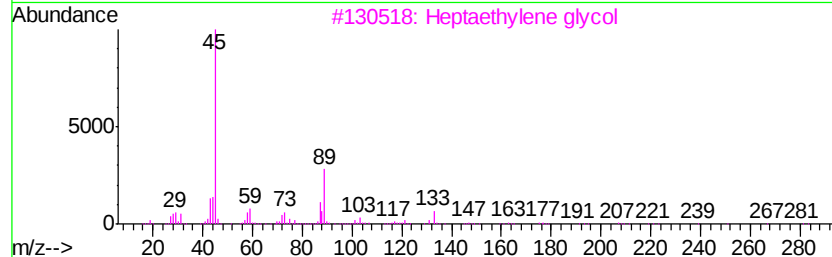
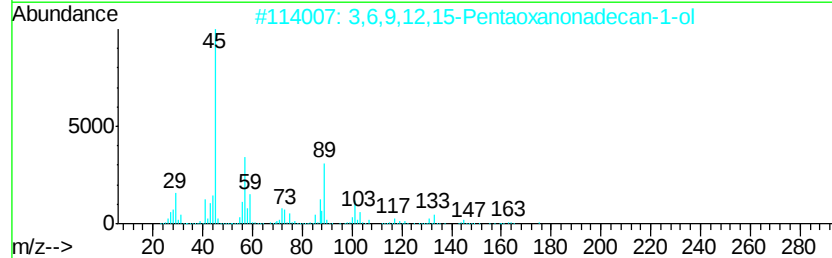
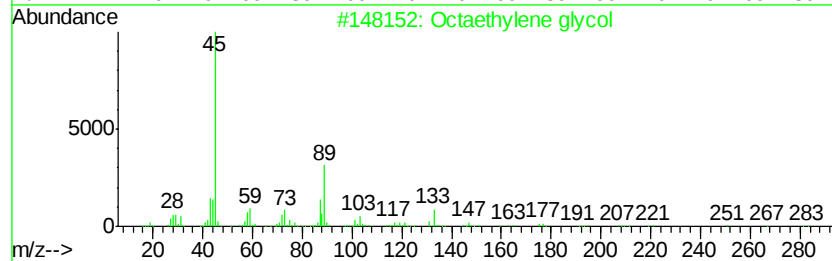
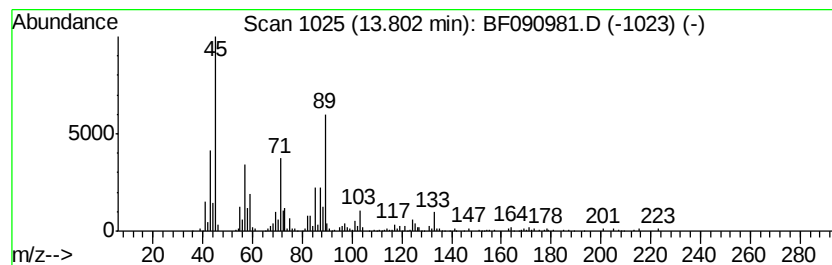
Instrument :
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ClientSampleId :
GW-74-8.3-15.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	3.54 ng	246927	Chrysene-d12	13.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol	370	C16H34O9	1000289-34-2	87
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	86
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	78
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090981.D
Acq On : 2 Nov 2016 15:57
Operator : UM/SJ
Sample : H5491-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-74-8.3-15.0

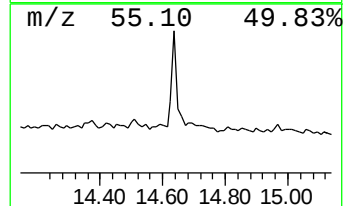
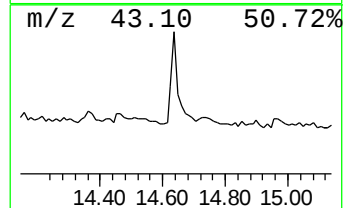
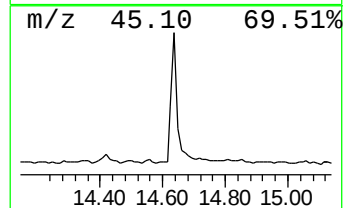
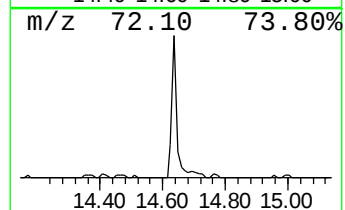
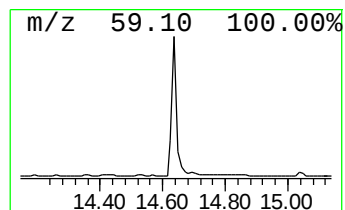
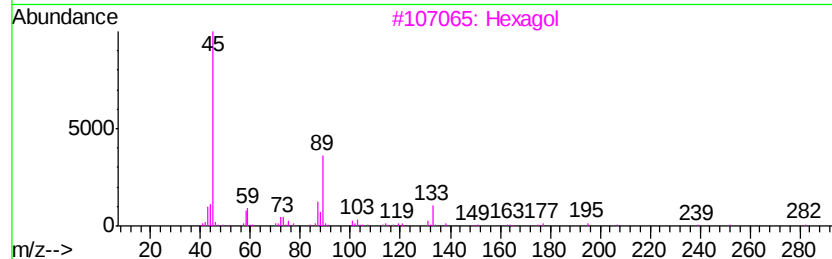
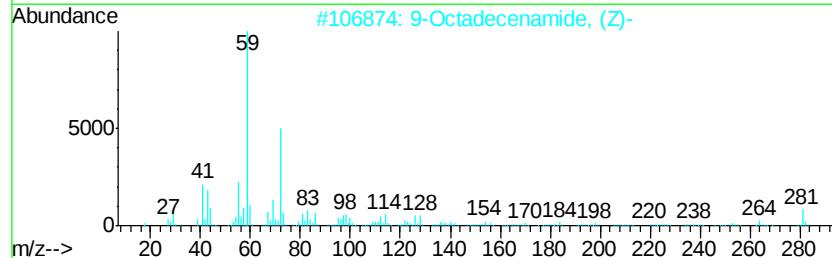
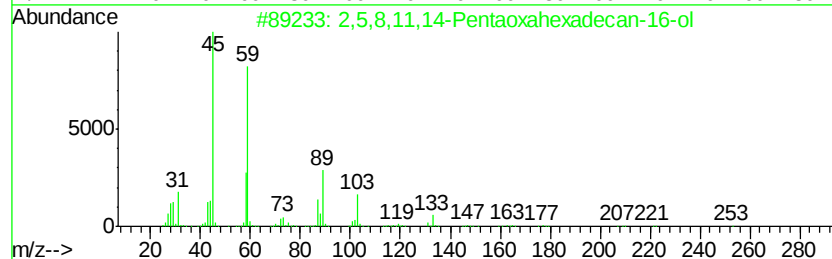
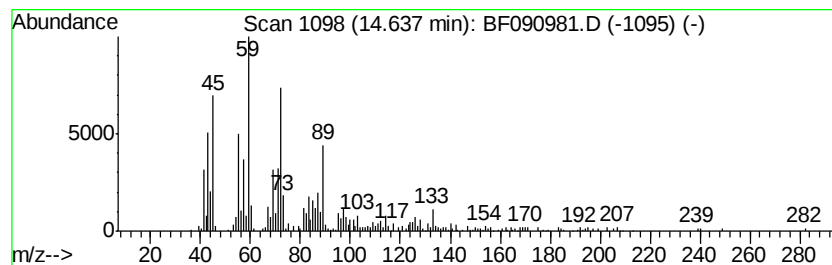
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown14.64 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.39 ng	257389	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxa	hexadecan-16-ol	252	C11H24O6	023778-52-1	43	
2	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	38	
3	Hexagol		282	C12H26O7	002615-15-8	35	
4	3-Cyclohexylpropionamide		155	C9H17NO	004361-29-9	27	
5	Thiirane, 2,3-dimethyl-, trans-		88	C4H8S	005955-98-6	27	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090981.D
 Acq On : 2 Nov 2016 15:57
 Operator : UM/SJ
 Sample : H5491-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-74-8.3-15.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	53.2	ng	2541150	1	6.72	955083	20.0
Benzene, (1-methy...	5.87	4.3	ng	205903	1	6.72	955083	20.0
unknown6.49	6.49	56.1	ng	2678900	1	6.72	955083	20.0
Benzene, (2-bromo...	6.90	5.2	ng	248776	1	6.72	955083	20.0
Heptanoic acid	7.14	12.0	ng	571807	1	6.72	955083	20.0
Hexanoic acid, 2-...	7.44	3.6	ng	324524	2	8.01	1788910	20.0
Benzene, 2-etheny...	7.74	6.0	ng	540869	2	8.01	1788910	20.0
Octanoic Acid	7.81	12.4	ng	1110590	2	8.01	1788910	20.0
unknown8.06	8.06	3.5	ng	316832	2	8.01	1788910	20.0
unknown8.40	8.40	4.5	ng	398963	2	8.01	1788910	20.0
Naphthalene, 1-me...	8.82	8.2	ng	733030	2	8.01	1788910	20.0
n-Decanoic acid	8.97	9.3	ng	785660	3	9.77	1681400	20.0
unknown9.23	9.23	4.6	ng	389251	3	9.77	1681400	20.0
Naphthalene, 1,6-...	9.34	3.5	ng	292541	3	9.77	1681400	20.0
Dodecanoic acid	10.00	4.4	ng	367776	3	9.77	1681400	20.0
n-Hexadecanoic acid	11.79	3.9	ng	318333	4	11.24	1644610	20.0
1-Nonadecene	13.73	3.3	ng	227786	5	13.88	1396090	20.0
Octaethylene glycol	13.80	3.5	ng	246927	5	13.88	1396090	20.0
unknown14.64	14.64	5.4	ng	257389	6	15.28	955374	20.0