

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092092.D
 Acq On : 5 Jan 2017 2:27
 Operator : UM/SJ
 Sample : I1004-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

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-BF122116.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	2.047	12	14	19	rVB3	44492	114072	1.45%	0.200%
2	2.458	45	50	54	rVB	43275	111726	1.42%	0.196%
3	3.487	135	140	145	rBV	46853	105510	1.34%	0.185%
4	4.264	205	208	214	rVB2	101058	188762	2.39%	0.330%
5	4.550	230	233	234	rBV	79266	108461	1.38%	0.190%
6	4.801	252	255	258	rBV	559734	799661	10.14%	1.400%
7	5.190	287	289	290	rBV	103267	126161	1.60%	0.221%
8	5.259	293	295	298	rVV	2207298	2409907	30.56%	4.219%
9	5.316	298	300	304	rVB3	43079	81775	1.04%	0.143%
10	5.499	312	316	319	rBV4	37493	80028	1.01%	0.140%
11	5.807	339	343	344	rBV2	70471	149361	1.89%	0.262%
12	6.070	364	366	368	rBV2	53809	108534	1.38%	0.190%
13	6.322	385	388	395	rVB	2417009	2340750	29.69%	4.098%
14	6.436	395	398	400	rBV	5832244	5913026	74.99%	10.353%
15	6.619	410	414	416	rBV2	73241	148810	1.89%	0.261%
16	6.664	416	418	420	rBV	1157003	1517538	19.25%	2.657%
17	6.813	429	431	434	rBV	4571389	5396158	68.44%	9.448%
18	6.916	436	440	442	rBV	185749	203383	2.58%	0.356%
19	7.007	444	448	450	rBV2	208112	306351	3.89%	0.536%
20	7.053	450	452	454	rBV2	101781	153225	1.94%	0.268%
21	7.236	461	468	470	rBV	4632801	5827374	73.91%	10.203%
22	7.316	472	475	477	rVV3	163624	275870	3.50%	0.483%
23	7.350	477	478	480	rVV	151789	220800	2.80%	0.387%
24	7.442	483	486	487	rVV2	219919	302396	3.84%	0.529%
25	7.510	490	492	495	rVV2	137019	233322	2.96%	0.409%
26	7.602	497	500	502	rVV2	226537	362375	4.60%	0.634%
27	7.636	502	503	505	rVB	195733	169776	2.15%	0.297%
28	7.693	505	508	509	rBV	116674	157223	1.99%	0.275%
29	7.762	512	514	518	rVB3	101487	168760	2.14%	0.295%
30	7.887	523	525	527	rBV2	122346	165716	2.10%	0.290%
31	7.945	527	530	536	rVV	2358639	2561232	32.48%	4.484%
32	8.139	545	547	550	rBV3	48488	90085	1.14%	0.158%
33	8.196	550	552	554	rVV2	70921	79041	1.00%	0.138%
34	8.333	562	564	566	rVB	75626	101391	1.29%	0.178%

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 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	8.390	566	569	570	rBV2	79521	152105	1.93%	0.266%
36	8.482	575	577	578	rBV	65649	92617	1.17%	0.162%
37	8.573	581	585	586	rBV3	43817	108631	1.38%	0.190%
38	8.790	602	604	606	rVB2	91480	121603	1.54%	0.213%
39	8.870	606	611	612	rBV4	76988	150439	1.91%	0.263%
40	8.985	618	621	622	rBV2	101975	145357	1.84%	0.254%
41	9.030	622	625	627	rVV	7201441	7884697	100.00%	13.805%
42	9.122	629	633	634	rBV3	69075	146300	1.86%	0.256%
43	9.430	658	660	665	rVV5	137513	244788	3.10%	0.429%
44	9.510	665	667	669	rVB2	71945	102632	1.30%	0.180%
45	9.693	680	683	685	rBV	2418552	2265191	28.73%	3.966%
46	10.013	709	711	713	rBV2	74657	99346	1.26%	0.174%
47	10.139	720	722	725	rVB2	81788	82483	1.05%	0.144%
48	10.482	749	752	755	rBV2	3420321	4313678	54.71%	7.553%
49	10.608	761	763	767	rVB3	171410	257794	3.27%	0.451%
50	11.053	797	802	804	rBV3	56898	105983	1.34%	0.186%
51	11.168	810	812	815	rVB	1141023	1468896	18.63%	2.572%
52	11.716	858	860	872	rVB3	157811	274115	3.48%	0.480%
53	12.505	927	929	931	rBV	126824	148459	1.88%	0.260%
54	12.768	948	952	954	rBV	3792588	5336158	67.68%	9.343%
55	13.659	1028	1030	1035	rBV2	62032	91664	1.16%	0.160%
56	13.797	1040	1042	1045	rBV	1141617	1317186	16.71%	2.306%
57	15.168	1160	1162	1165	rBV	771117	1126946	14.29%	1.973%

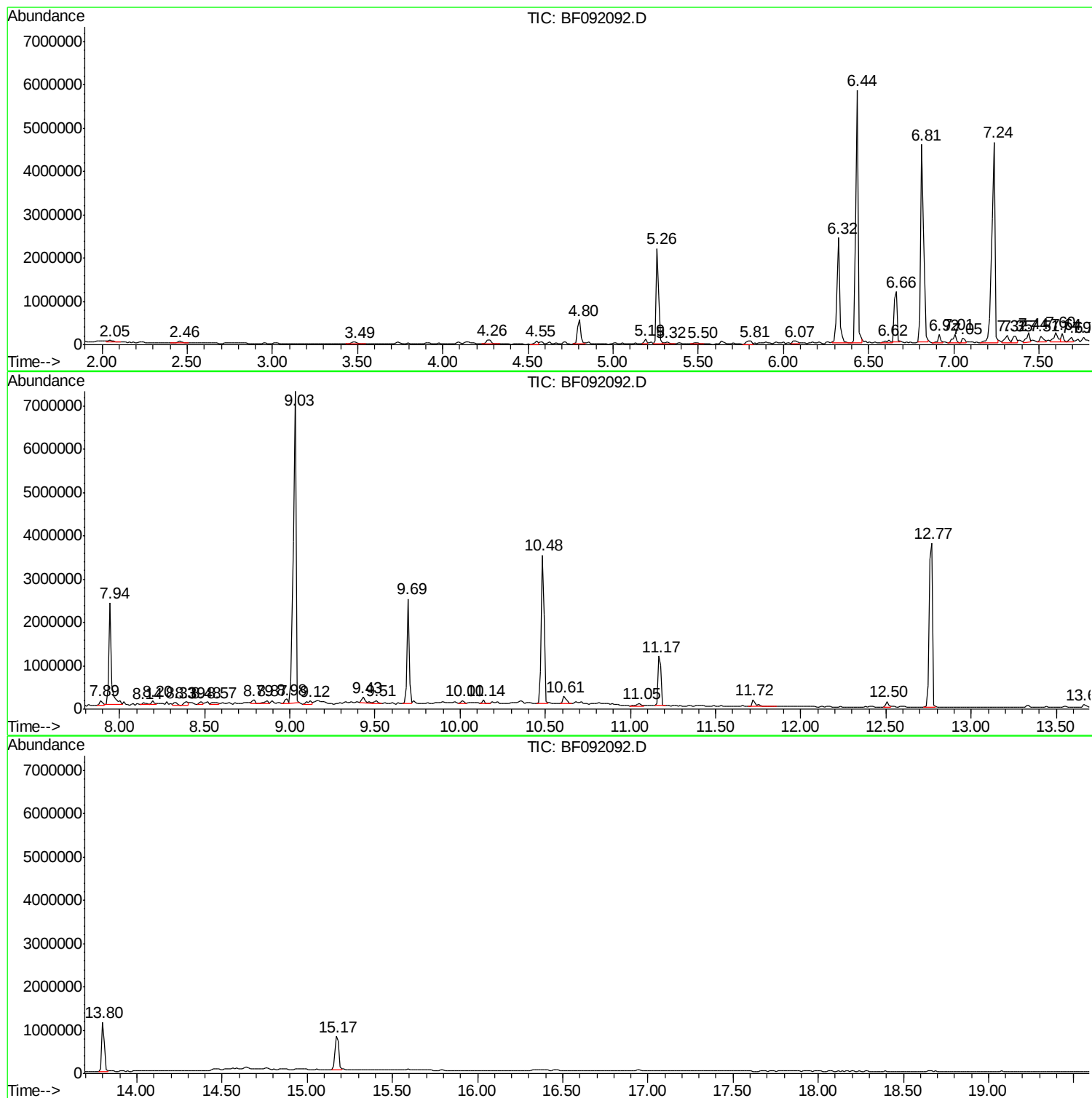
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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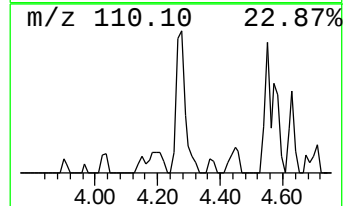
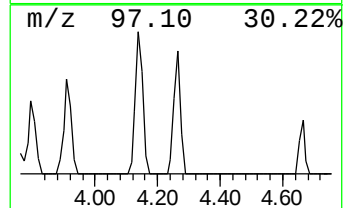
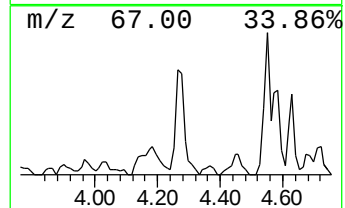
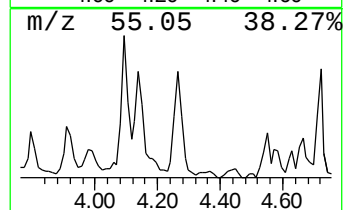
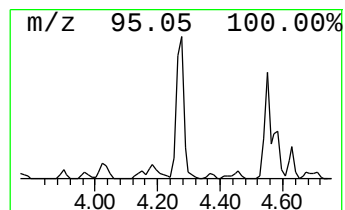
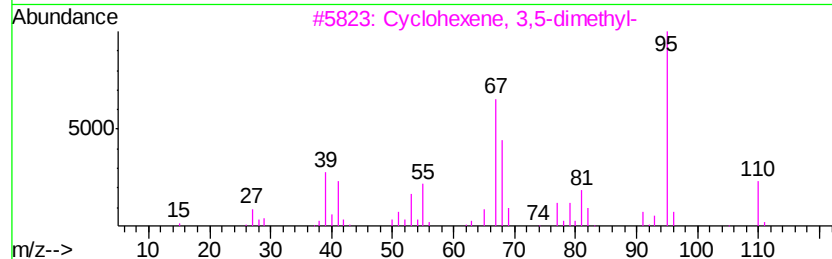
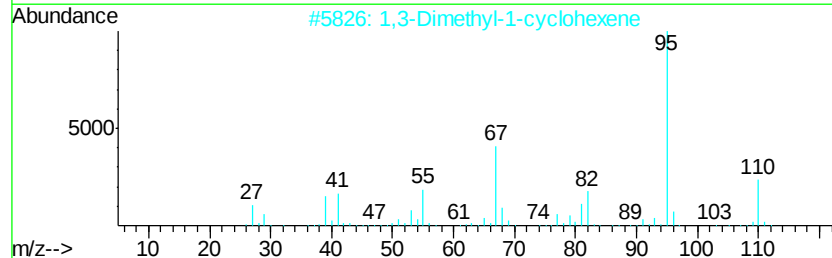
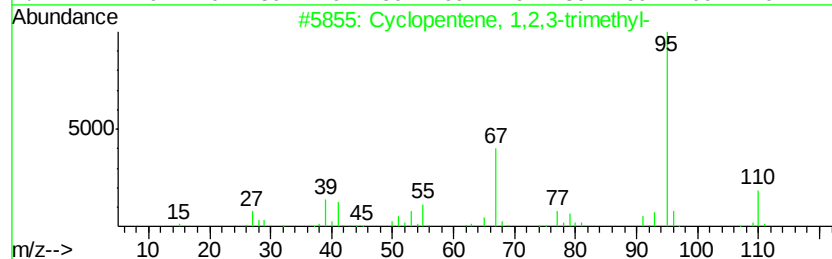
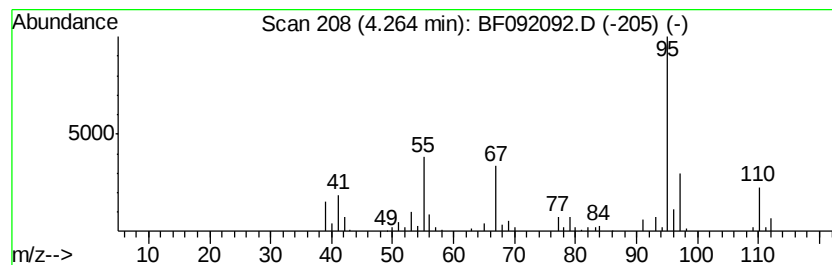
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.49 ng	188762	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62
3		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	59
4		1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	53
5		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	53



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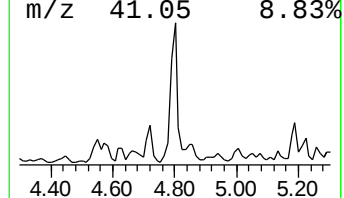
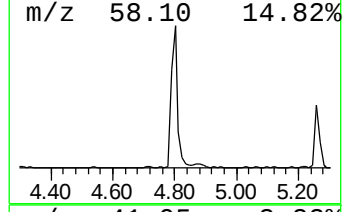
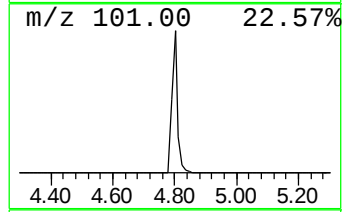
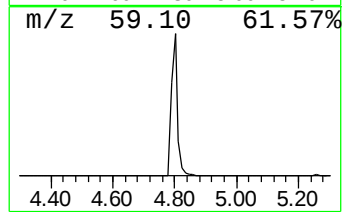
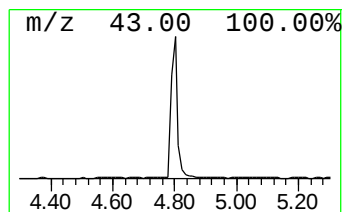
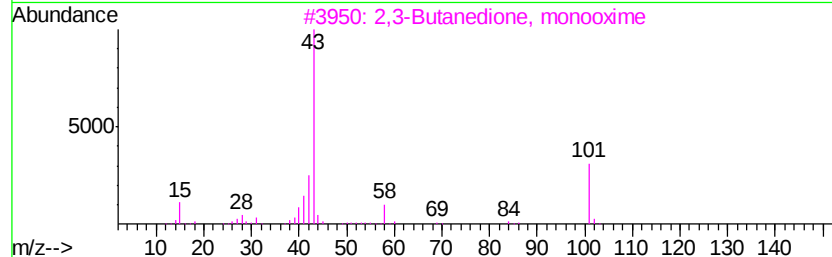
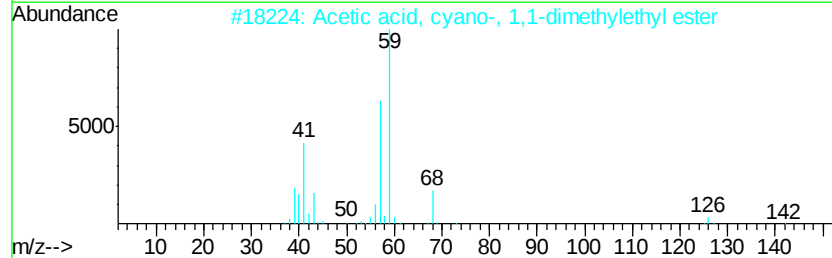
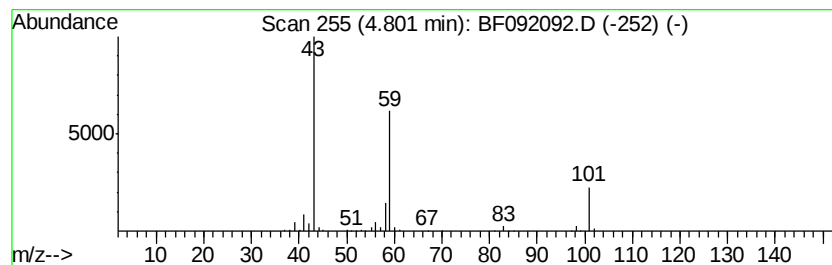
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	10.54 ng	799661	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



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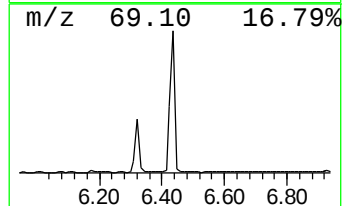
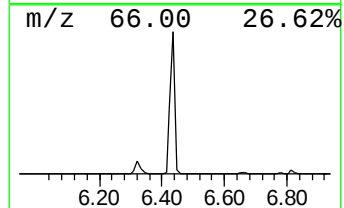
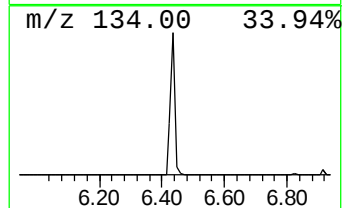
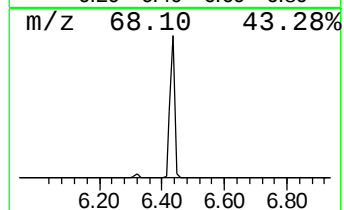
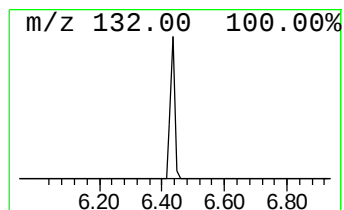
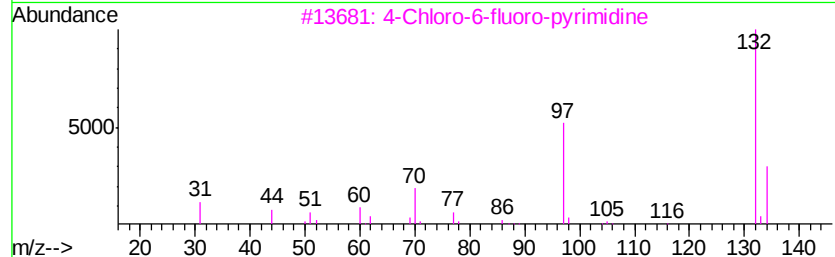
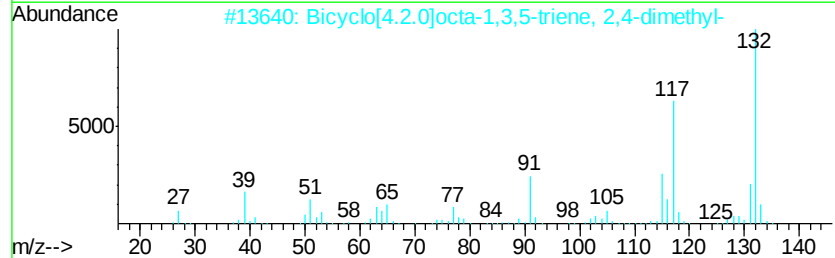
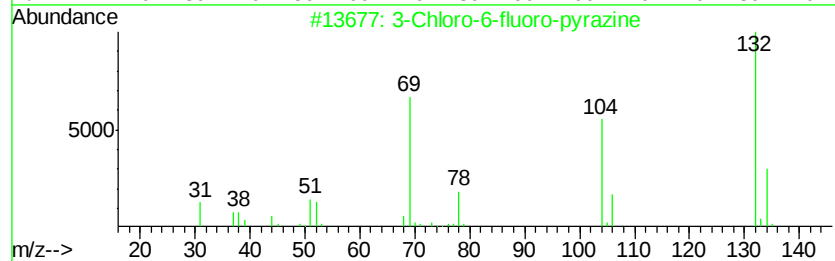
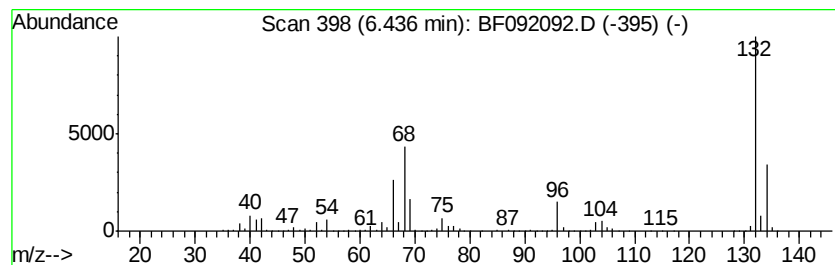
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	77.93 ng	5913030	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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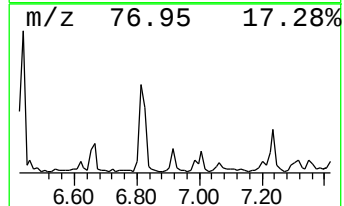
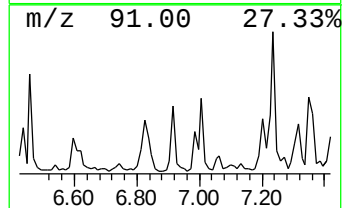
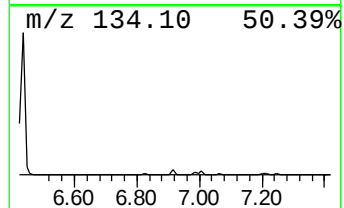
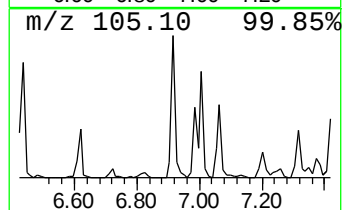
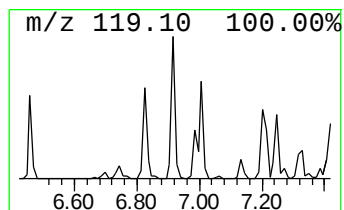
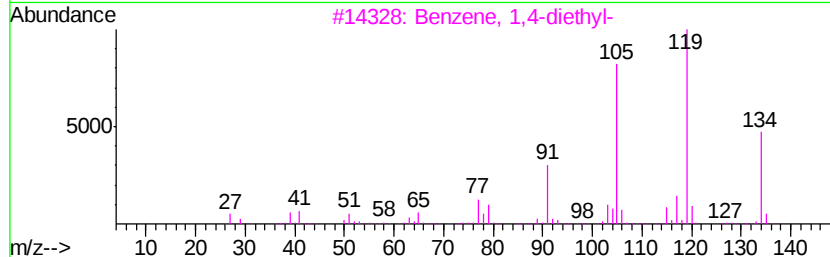
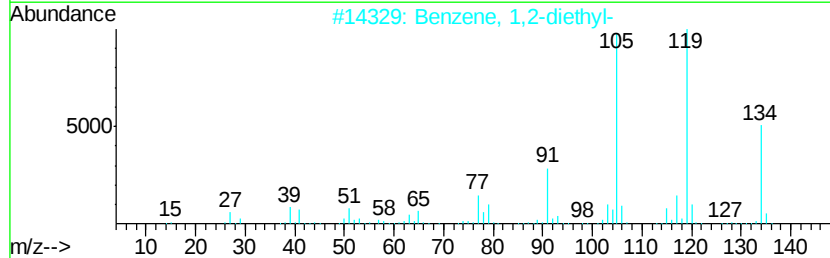
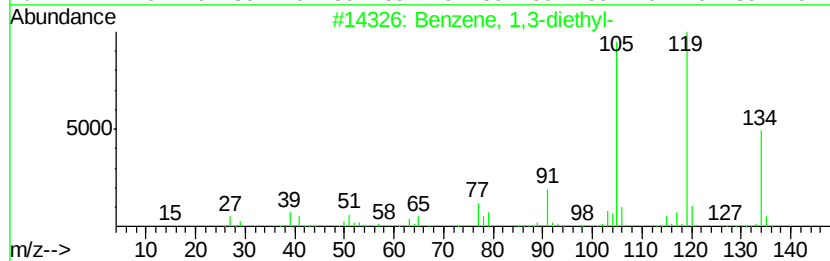
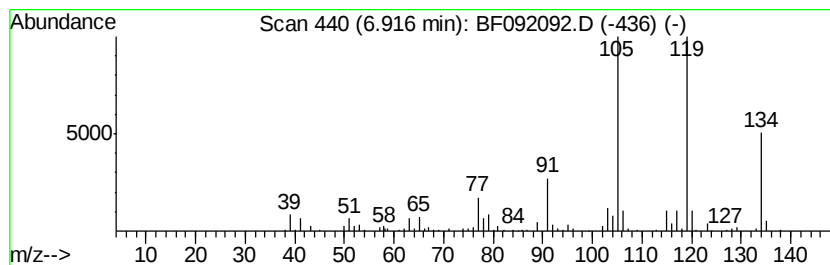
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.68 ng	203383	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,3-diethyl-		134	C10H14	000141-93-5	95
2	Benzene,	1,2-diethyl-		134	C10H14	000135-01-3	93
3	Benzene,	1,4-diethyl-		134	C10H14	000105-05-5	93
4	Benzene,	1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	90
5	Benzene,	1-ethyl-2,4-dimethyl-		134	C10H14	000874-41-9	87



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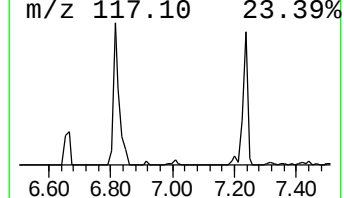
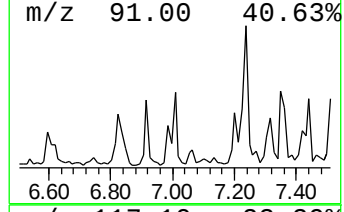
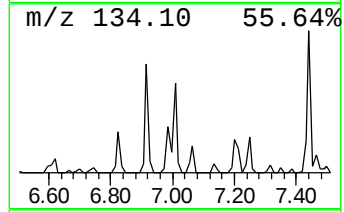
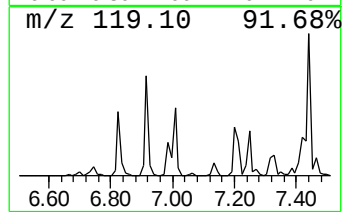
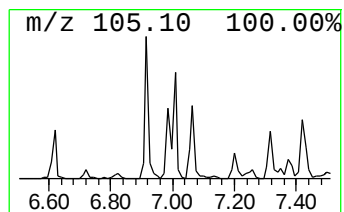
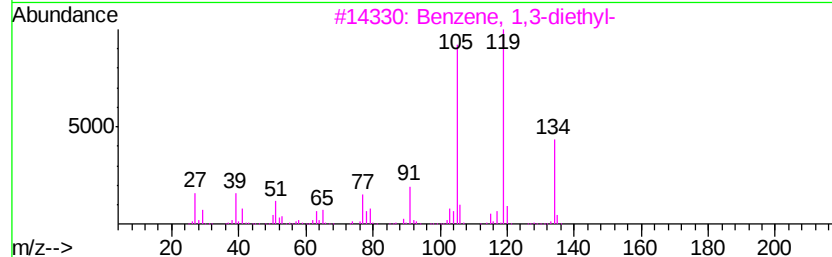
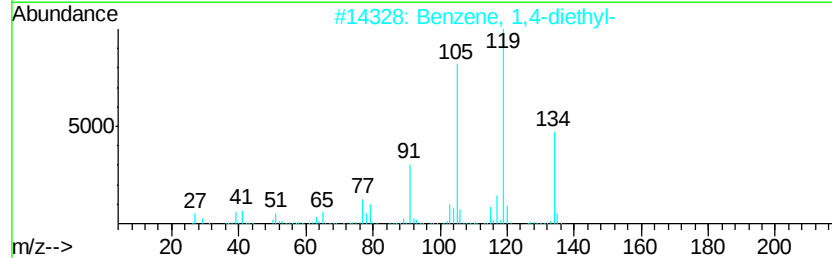
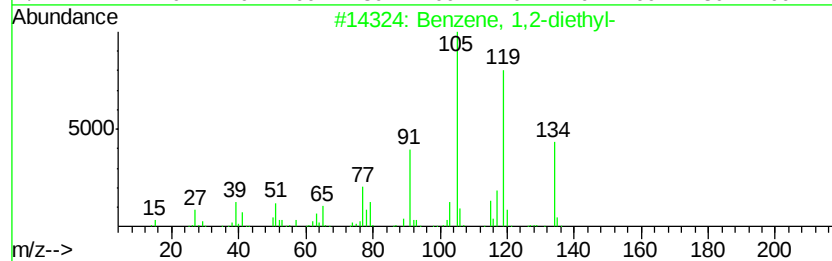
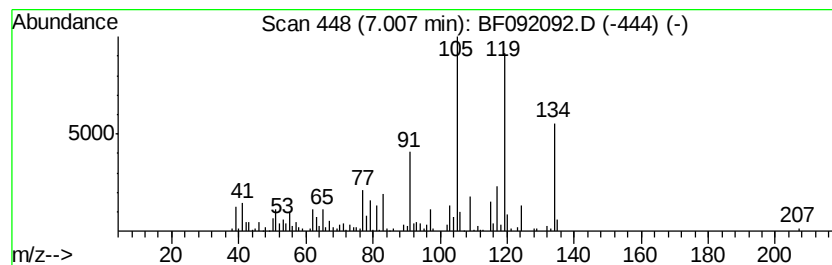
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	4.04 ng	306351	1,4-Dichlorobenzene-d4	6.66

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	91
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092092.D
Acq On : 5 Jan 2017 2:27
Operator : UM/SJ
Sample : I1004-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

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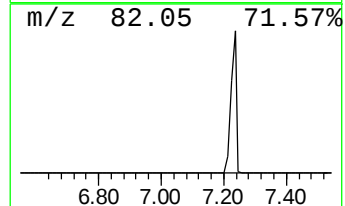
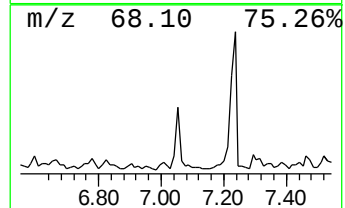
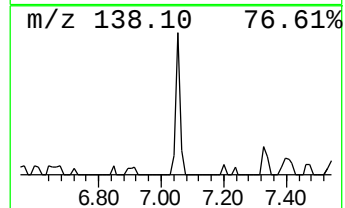
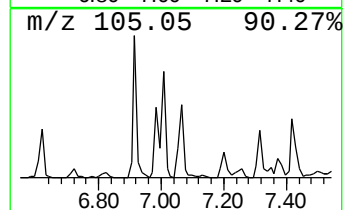
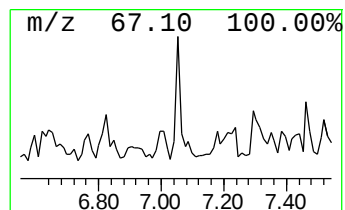
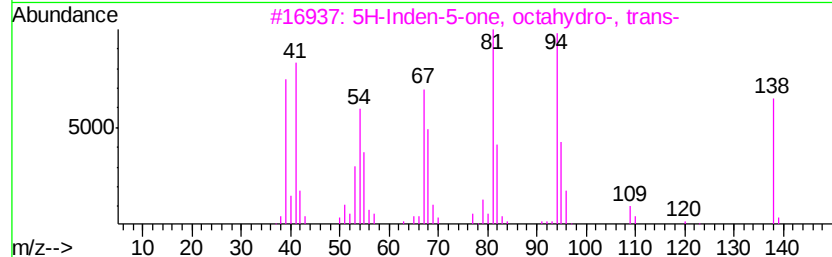
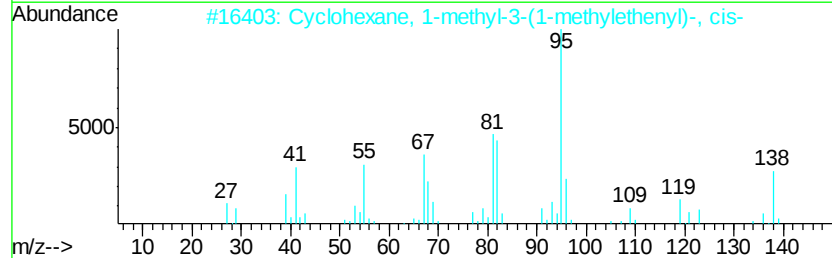
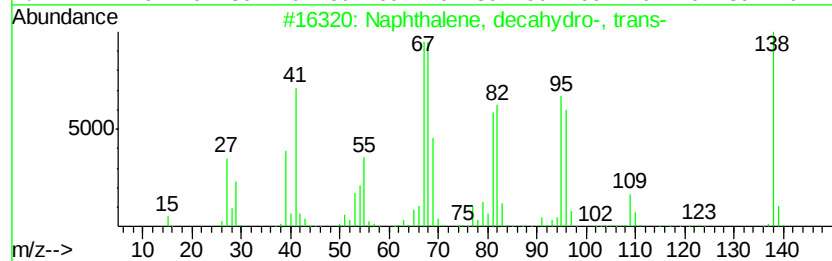
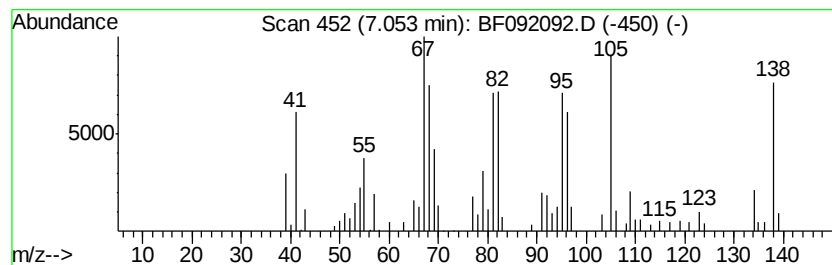
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	2.02 ng	153225	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2			Cyclohexane, 1-methyl-3-(1-methyl-3-(1-methylethenyl)-, cis-	138	C10H18	024399-15-3	87
3			5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	83
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	81
5			2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80



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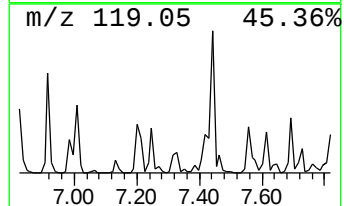
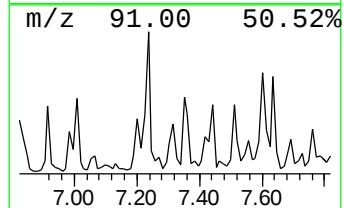
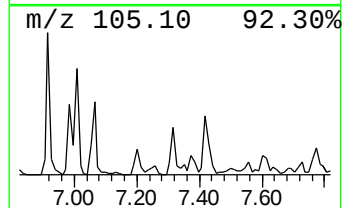
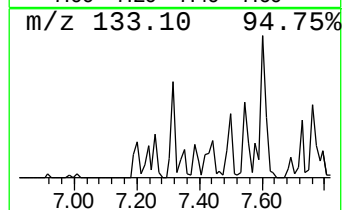
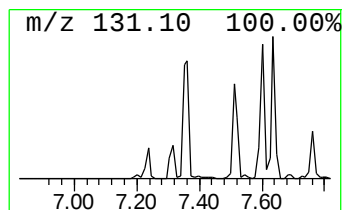
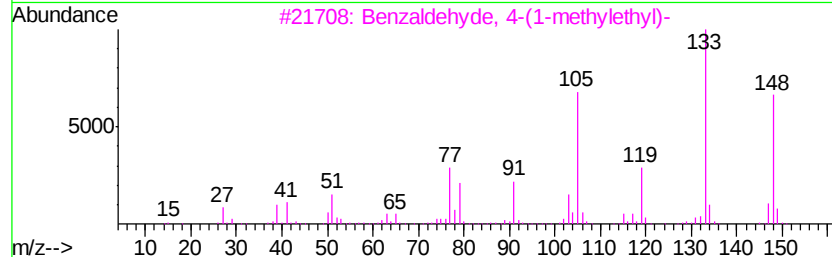
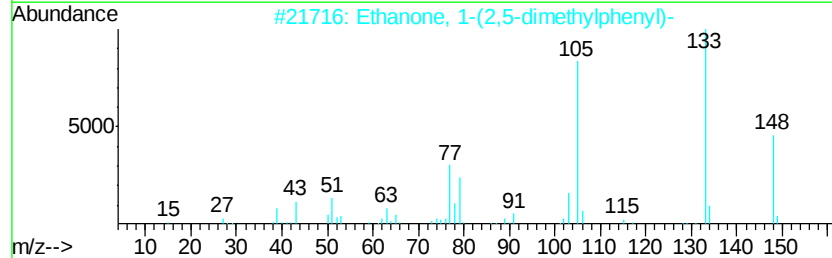
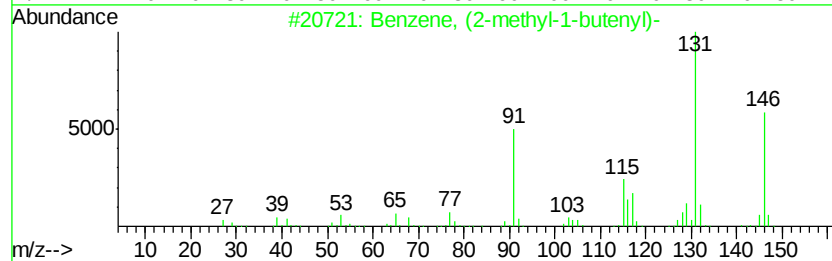
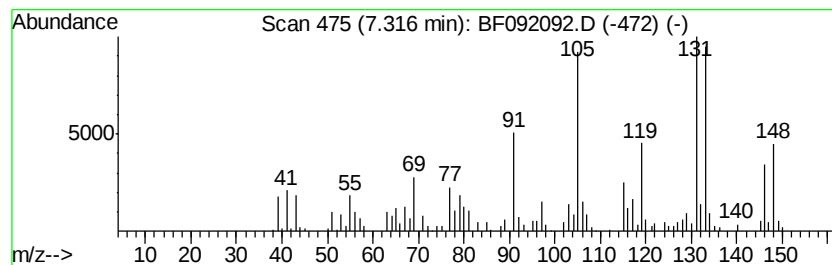
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.15 ng	275870	Napthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	80
3		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	53
4		Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	50
5		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	49



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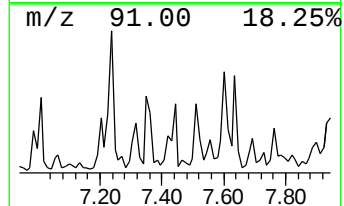
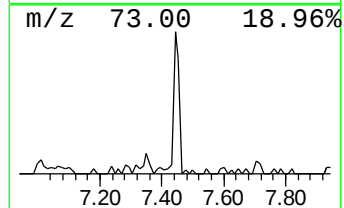
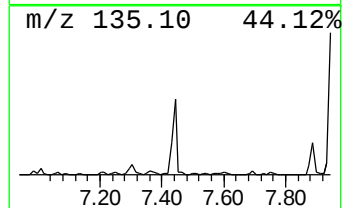
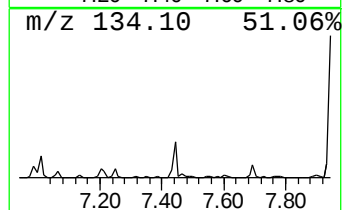
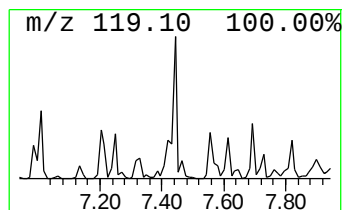
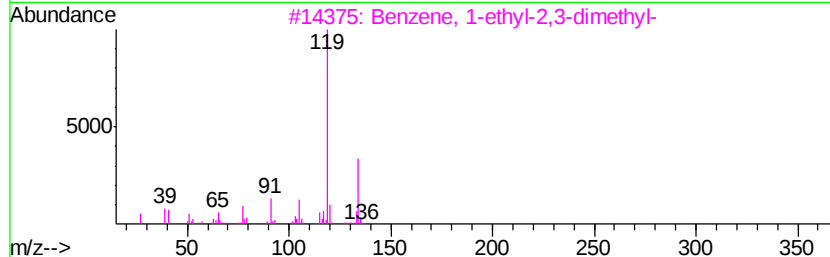
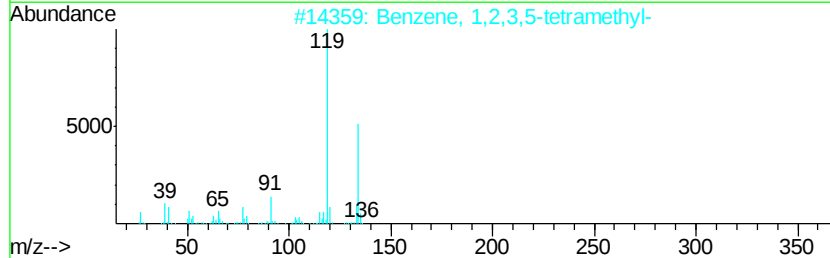
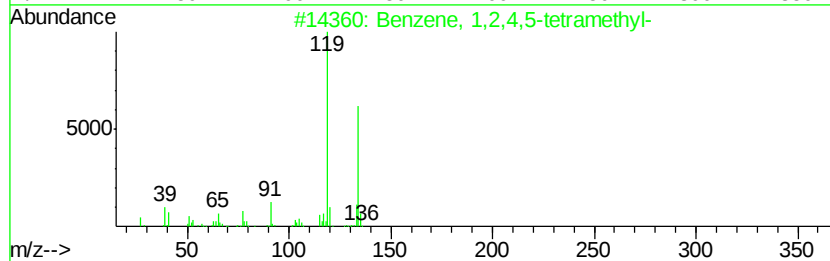
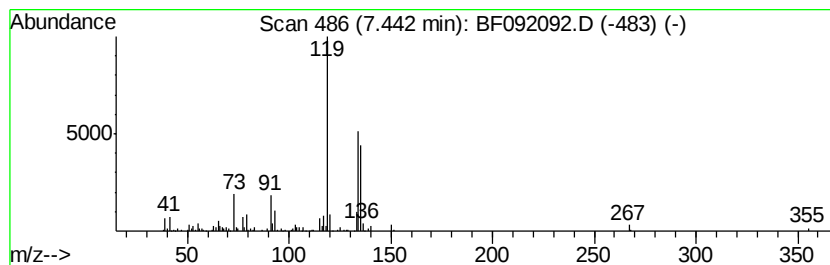
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	2.36 ng	302396	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



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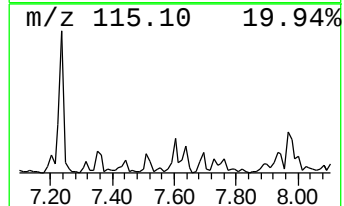
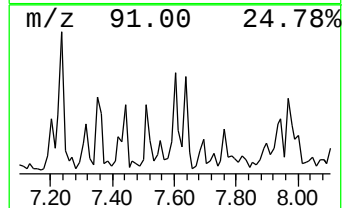
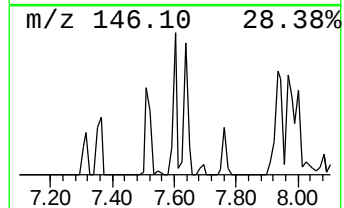
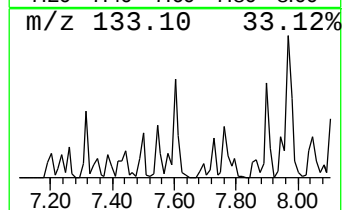
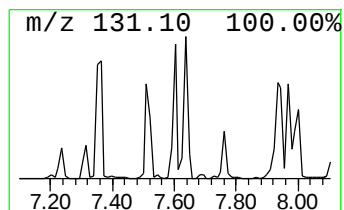
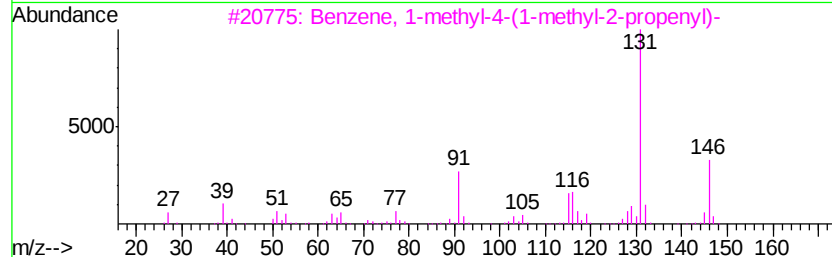
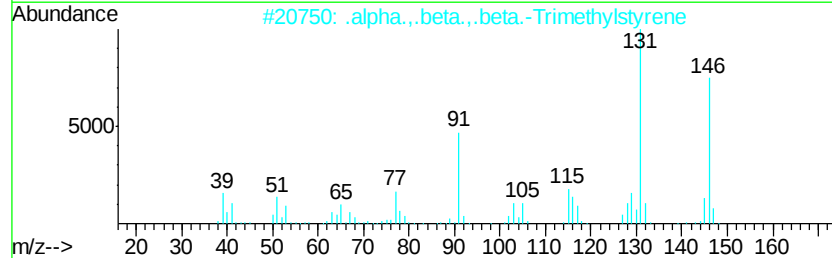
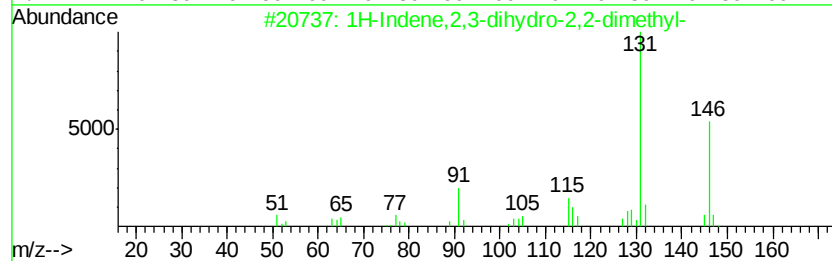
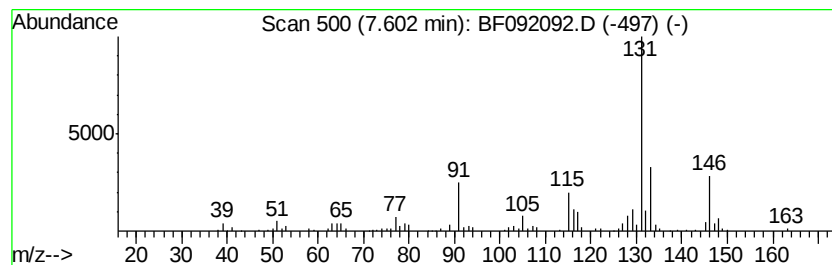
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.83 ng	362375	Napthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91
2		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
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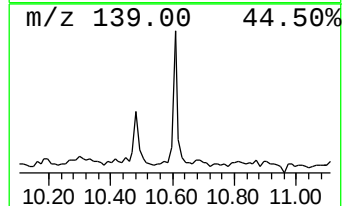
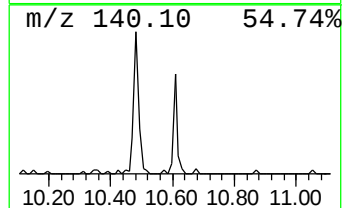
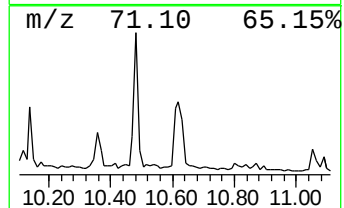
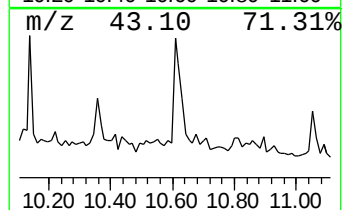
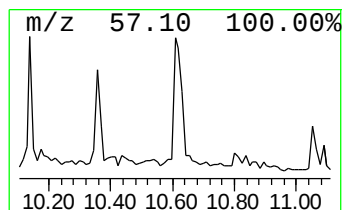
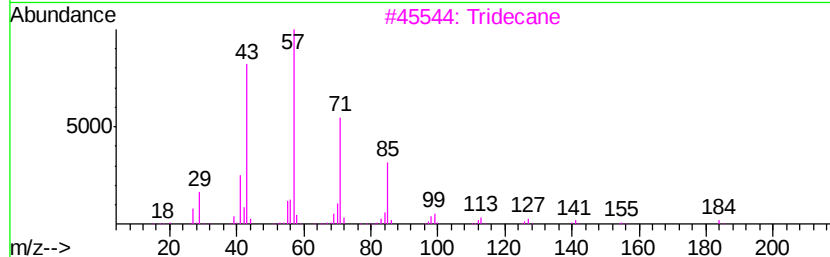
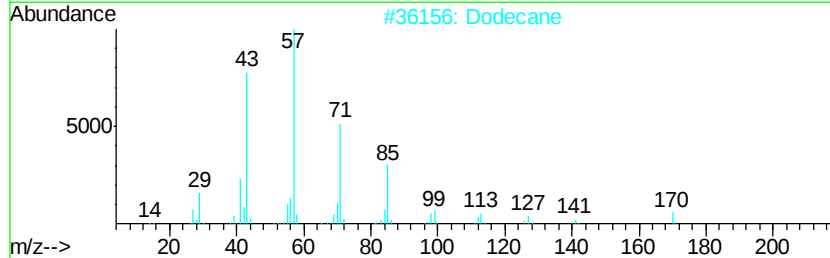
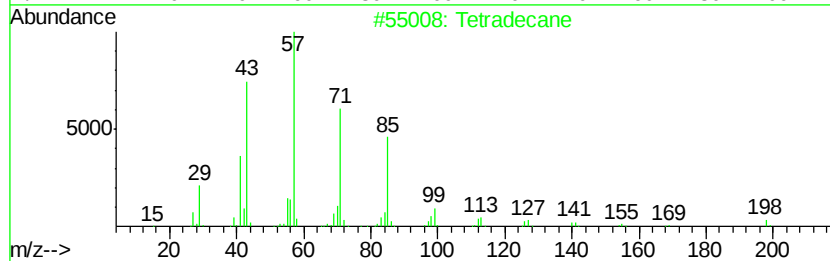
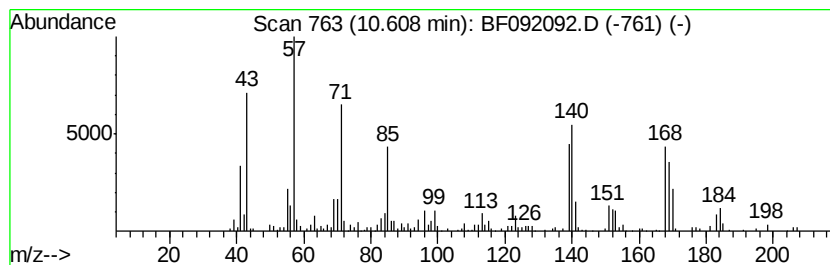
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.51 ng	257794	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Dodecane	170	C12H26	000112-40-3	38
3	Tridecane	184	C13H28	000629-50-5	35
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	20
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	18



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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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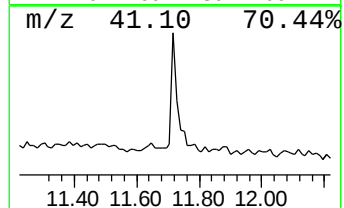
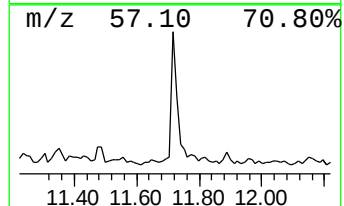
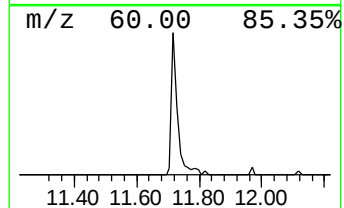
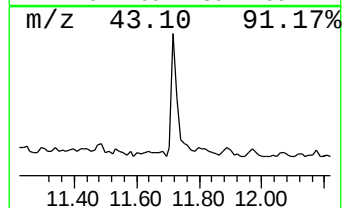
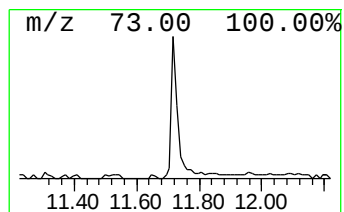
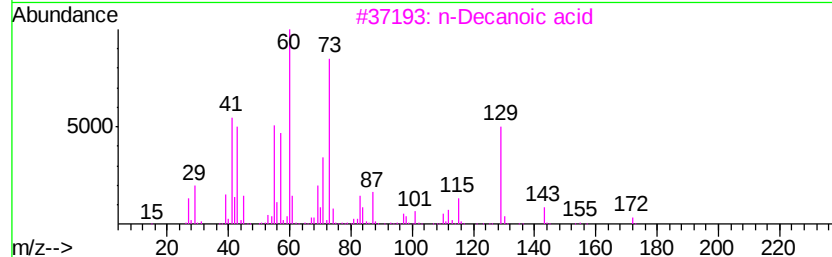
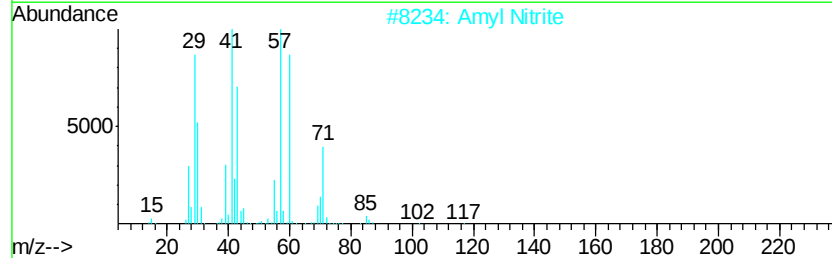
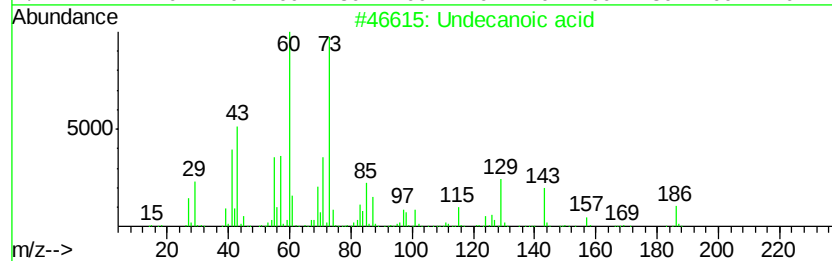
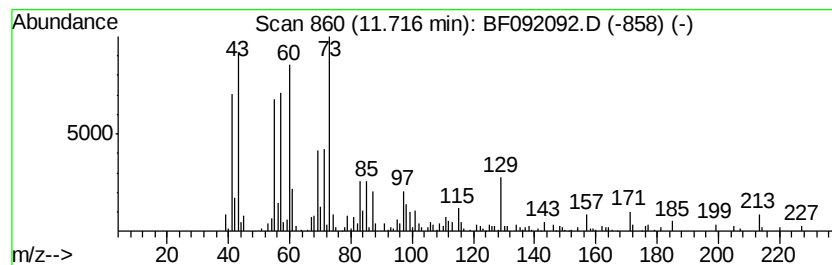
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TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown11.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.73 ng	274115	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	47
2		Amyl Nitrite	117	C5H11NO2	000110-46-3	35
3		n-Decanoic acid	172	C10H20O2	000334-48-5	30
4		.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	27
5		Tridecane	184	C13H28	000629-50-5	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
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ALS Vial : 21 Sample Multiplier: 1

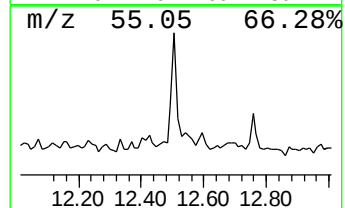
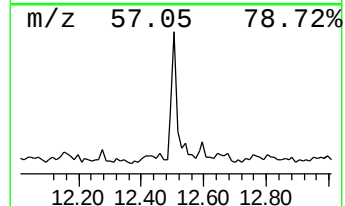
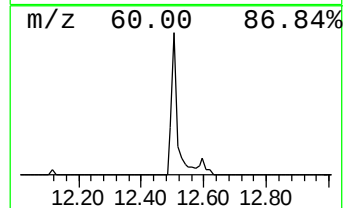
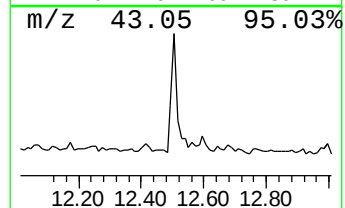
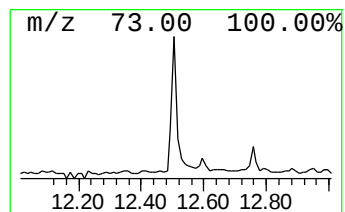
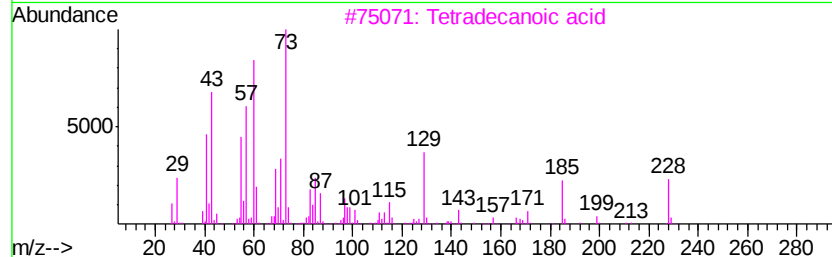
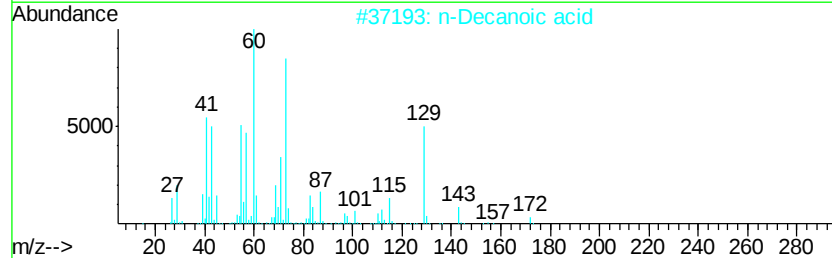
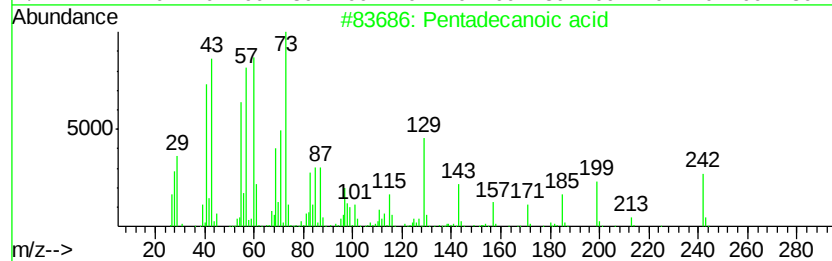
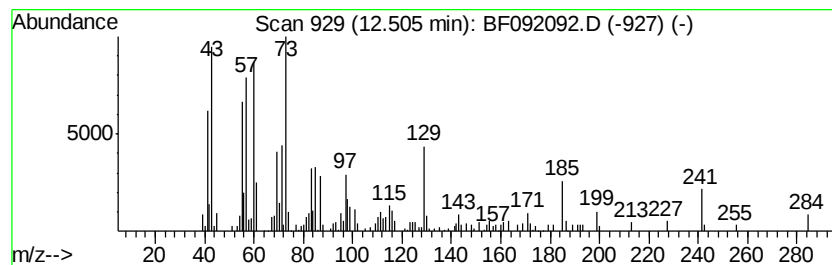
Instrument :
BNA_F
ClientSampleId :
MW-04

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.51	2.25 ng	148459	Chrysene-d12		13.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092092.D
 Acq On : 5 Jan 2017 2:27
 Operator : UM/SJ
 Sample : I1004-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Cyclopentene, 1,2...	4.26	2.5	ng	188762	1	6.66	1517540	20.0
2-Pentanone, 4-hy...	4.80	10.5	ng	799661	1	6.66	1517540	20.0
unknown6.44	6.44	77.9	ng	5913030	1	6.66	1517540	20.0
Benzene, 1,3-diet...	6.92	2.7	ng	203383	1	6.66	1517540	20.0
Benzene, 1,2-diet...	7.01	4.0	ng	306351	1	6.66	1517540	20.0
Naphthalene, deca...	7.05	2.0	ng	153225	1	6.66	1517540	20.0
Benzene, (2-methy...	7.32	2.1	ng	275870	2	7.94	2561230	20.0
Benzene, 1,2,4,5-...	7.44	2.4	ng	302396	2	7.94	2561230	20.0
1H-Indene, 2,3-dih...	7.60	2.8	ng	362375	2	7.94	2561230	20.0
Tetradecane	10.61	3.5	ng	257794	4	11.17	1468900	20.0
unknown11.72	11.72	3.7	ng	274115	4	11.17	1468900	20.0
Pentadecanoic acid	12.51	2.3	ng	148459	5	13.80	1317190	20.0