

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090324.D
 Acq On : 30 Sep 2016 20:49
 Operator : UM/SJ
 Sample : H5023-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-1-09272016

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-BF092016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.633	3	4	30	rVB	3035118	7996570	100.00%	25.270%
2	1.953	30	32	49	rVB4	43828	210359	2.63%	0.665%
3	2.798	102	106	134	rBV	179567	991953	12.40%	3.135%
4	4.524	254	257	264	rBV	127300	219717	2.75%	0.694%
5	5.027	299	301	310	rBV	851068	1144033	14.31%	3.615%
6	5.873	370	375	381	rBV3	50348	131565	1.65%	0.416%
7	6.136	395	398	404	rBV	849355	1339280	16.75%	4.232%
8	6.227	404	406	412	rVB	1333591	1226299	15.34%	3.875%
9	6.456	424	426	428	rBV	820261	725935	9.08%	2.294%
10	6.559	432	435	438	rBV	388428	756753	9.46%	2.391%
11	6.605	438	439	442	rVB	674481	900238	11.26%	2.845%
12	7.027	473	476	478	rBV	844512	763985	9.55%	2.414%
13	7.587	518	525	527	rBV2	222848	593322	7.42%	1.875%
14	7.668	530	532	534	rVB	156588	216237	2.70%	0.683%
15	7.747	537	539	541	rVV	1002690	886595	11.09%	2.802%
16	7.839	546	547	550	rVB	194521	168583	2.11%	0.533%
17	8.102	567	570	572	rBV	430724	593409	7.42%	1.875%
18	8.502	602	605	611	rVB3	35124	87140	1.09%	0.275%
19	8.822	631	633	636	rVV	1376201	1198695	14.99%	3.788%
20	8.948	638	644	645	rVV2	49030	81160	1.01%	0.256%
21	9.222	666	668	671	rVV	238296	342182	4.28%	1.081%
22	9.348	675	679	680	rVV2	72628	135742	1.70%	0.429%
23	9.428	683	686	689	rBV3	37353	95074	1.19%	0.300%
24	9.485	689	691	693	rVV	942010	845272	10.57%	2.671%
25	9.942	727	731	735	rBV4	34218	86688	1.08%	0.274%
26	10.136	744	748	749	rBV3	39873	83606	1.05%	0.264%
27	10.273	757	760	762	rBV	577721	606777	7.59%	1.917%
28	10.422	771	773	776	rBV2	65775	93892	1.17%	0.297%
29	10.502	779	780	782	rBV2	105816	118617	1.48%	0.375%
30	10.536	782	783	787	rBV	138912	224526	2.81%	0.710%
31	10.674	794	795	798	rBV2	93678	156323	1.95%	0.494%
32	10.959	817	820	822	rBV	740592	791786	9.90%	2.502%
33	11.028	824	826	827	rBV	205410	270095	3.38%	0.854%
34	11.051	827	828	830	rVB	227860	179771	2.25%	0.568%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.211	840	842	844	rBV	156380	208801	2.61%	0.660%
36	11.542	868	871	873	rBV2	242284	401399	5.02%	1.268%
37	12.548	956	959	961	rBV	691611	788039	9.85%	2.490%
38	13.474	1038	1040	1043	rBV	411232	557327	6.97%	1.761%
39	14.114	1094	1096	1099	rBV	625546	869242	10.87%	2.747%
40	14.685	1144	1146	1150	rVB2	642478	1125189	14.07%	3.556%
41	15.143	1184	1186	1189	rVB	637543	903418	11.30%	2.855%
42	15.337	1200	1203	1205	rBV	942289	1502901	18.79%	4.749%
43	15.943	1253	1256	1259	rVB	573337	1026448	12.84%	3.244%

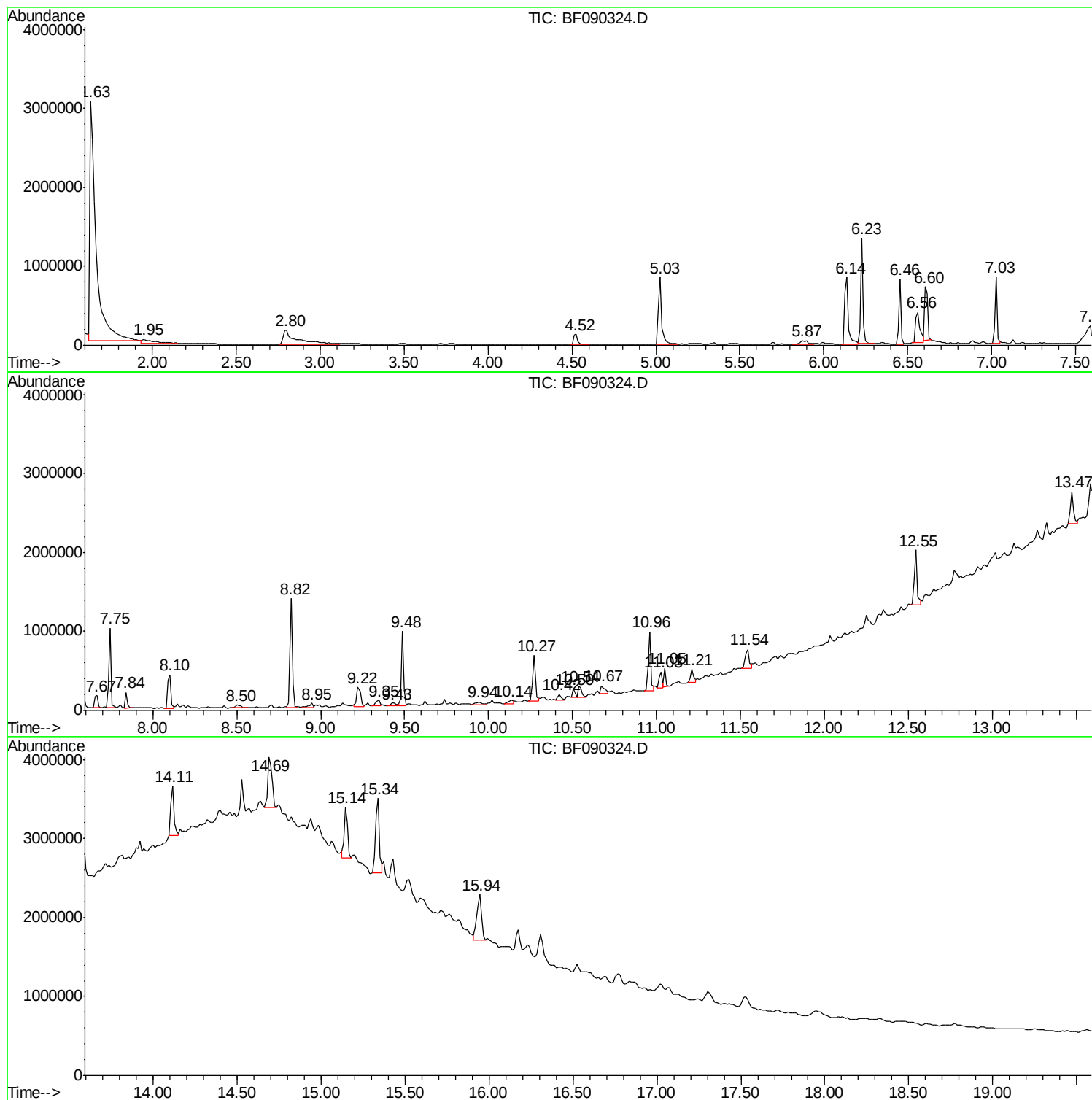
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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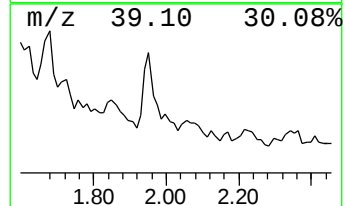
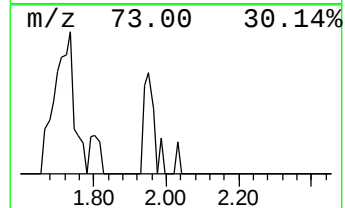
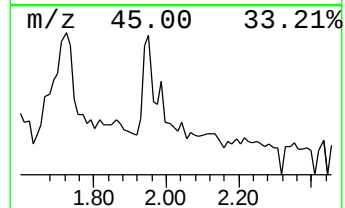
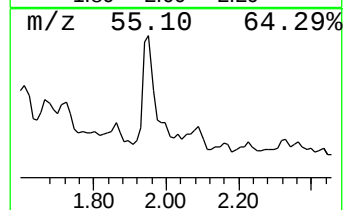
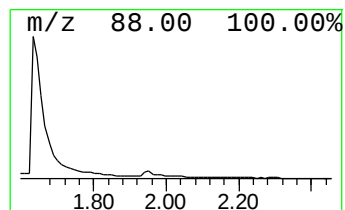
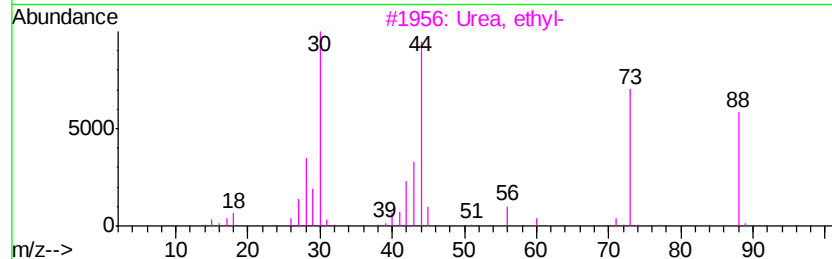
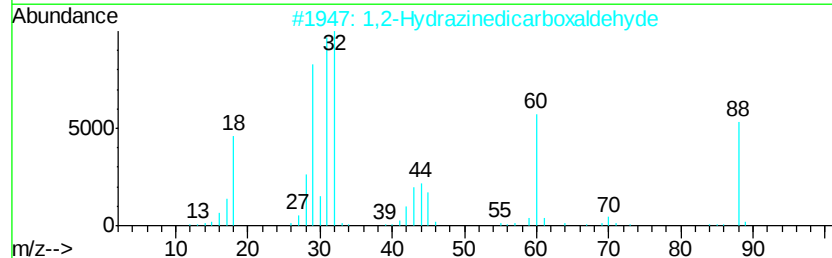
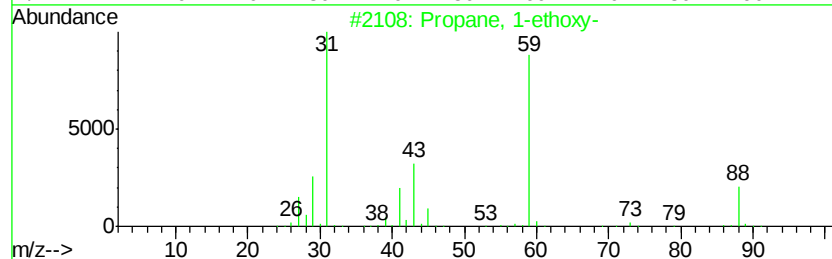
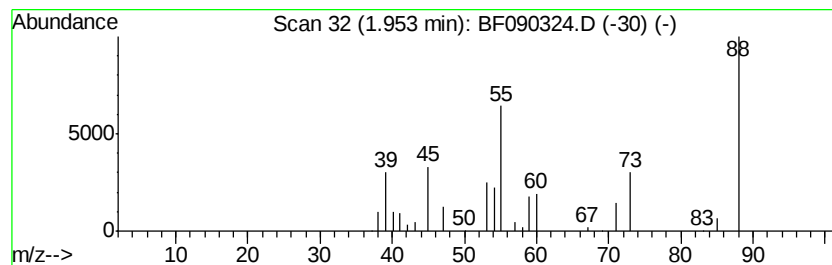
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown1.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	5.80 ng	210359	1,4-Dichlorobenzene-d4	6.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	5
2			1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
3			Urea, ethyl-	88	C3H8N2O	000625-52-5	3
4			Methyl propionate	88	C4H8O2	000554-12-1	3
5			Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3



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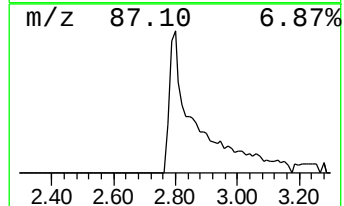
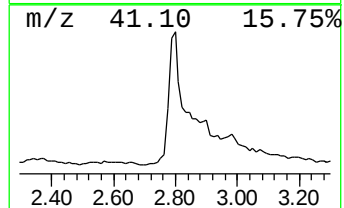
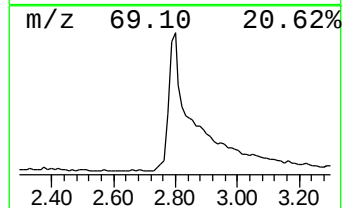
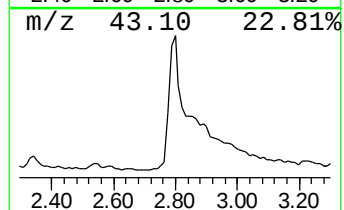
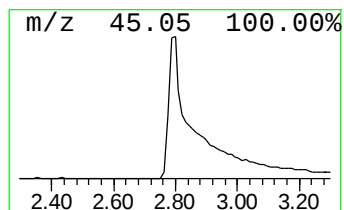
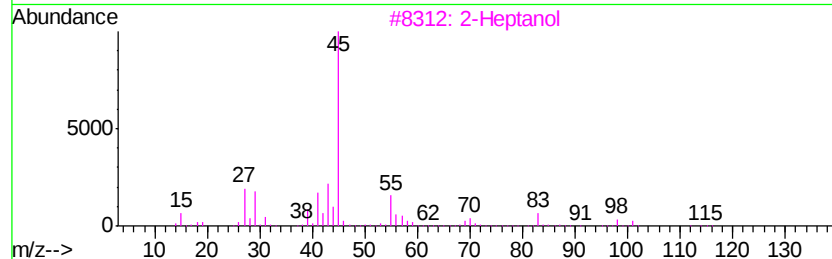
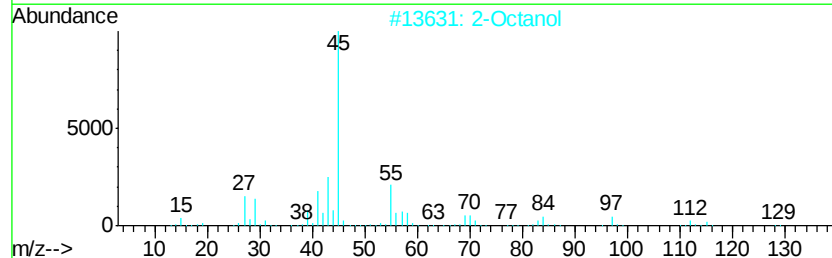
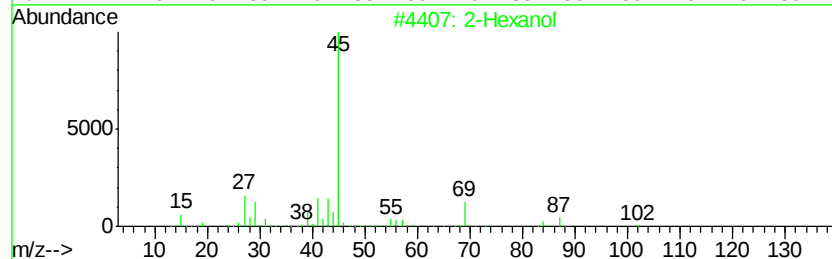
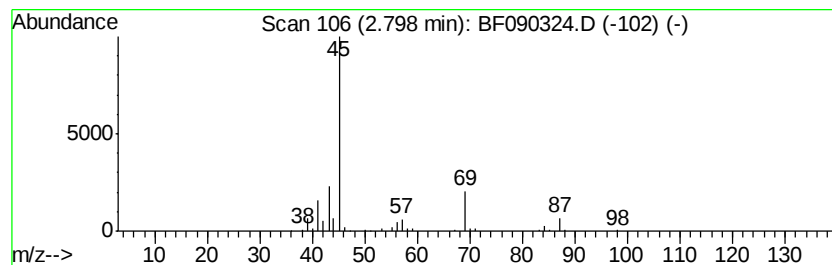
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Peak Number 3 2-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	27.33 ng	991953	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol	102	C6H14O	000626-93-7	83
2		2-Octanol	130	C8H18O	000123-96-6	78
3		2-Heptanol	116	C7H16O	000543-49-7	78
4		2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
5		2-Octanol, (R)-	130	C8H18O	005978-70-1	64



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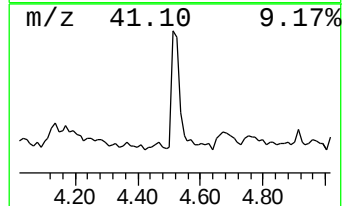
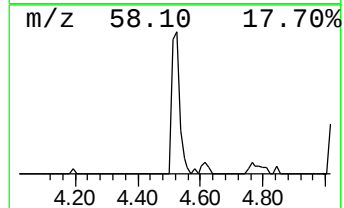
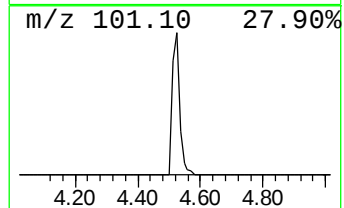
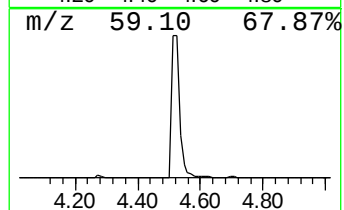
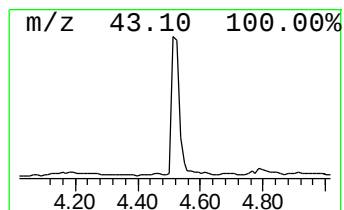
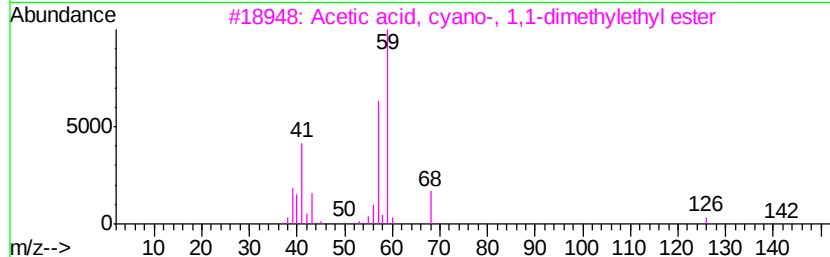
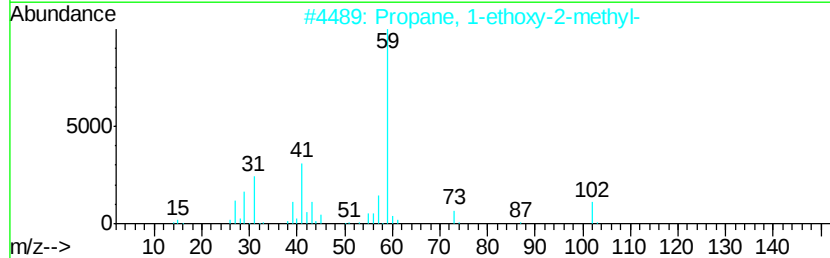
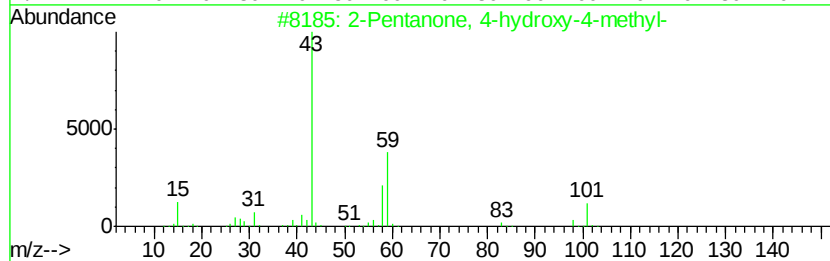
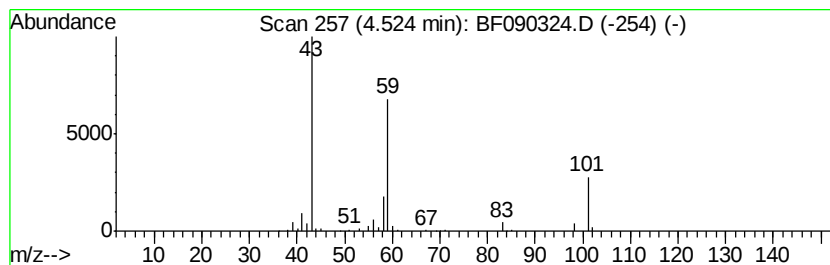
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	6.05 ng	219717	1,4-Dichlorobenzene-d4	6.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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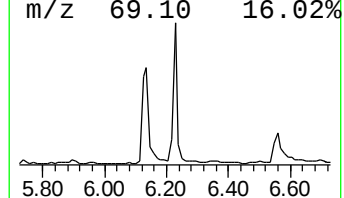
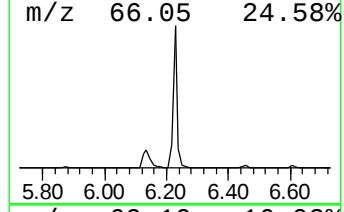
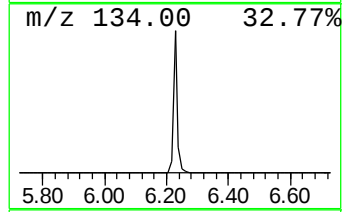
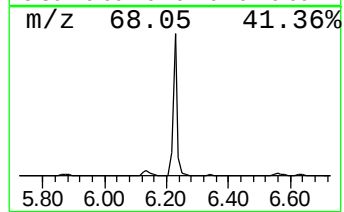
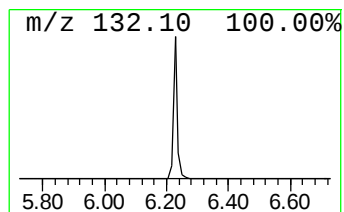
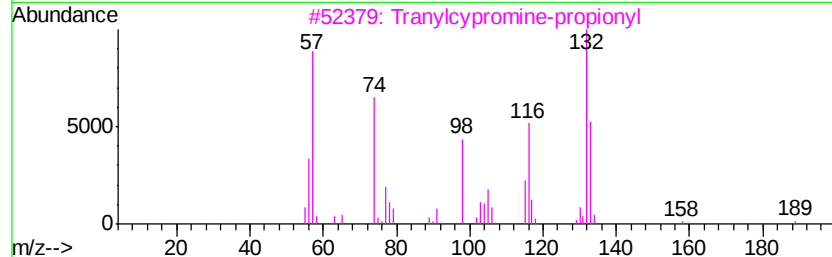
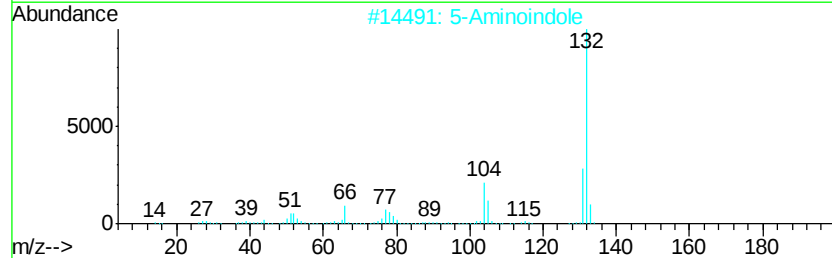
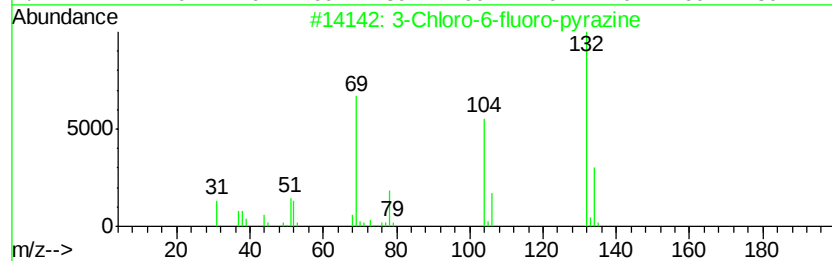
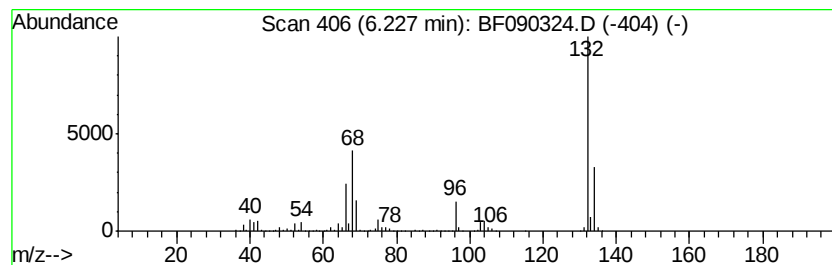
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown6.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	33.79 ng	1226300	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9	
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9	



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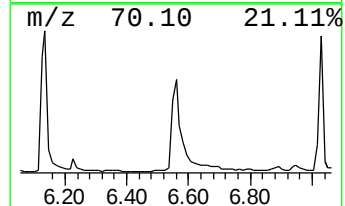
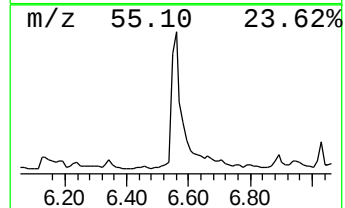
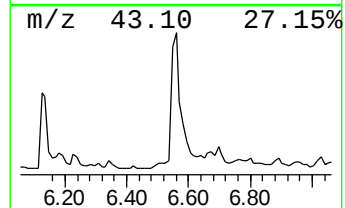
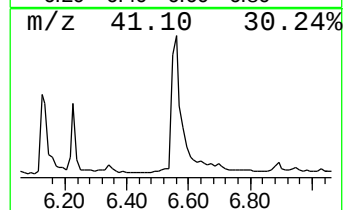
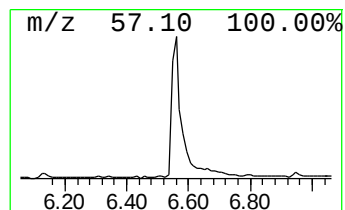
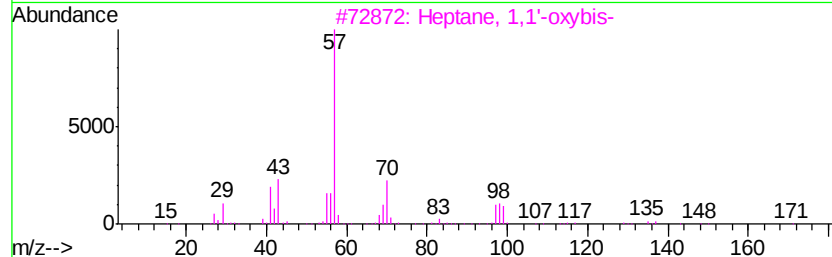
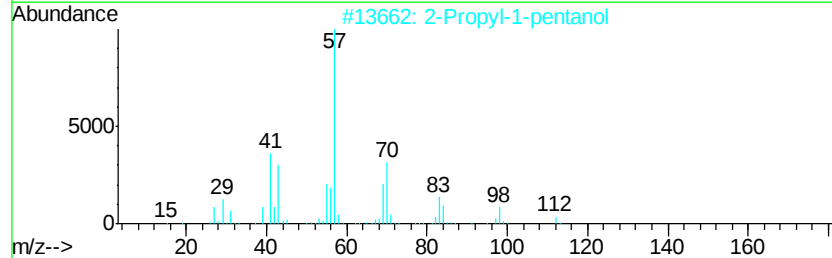
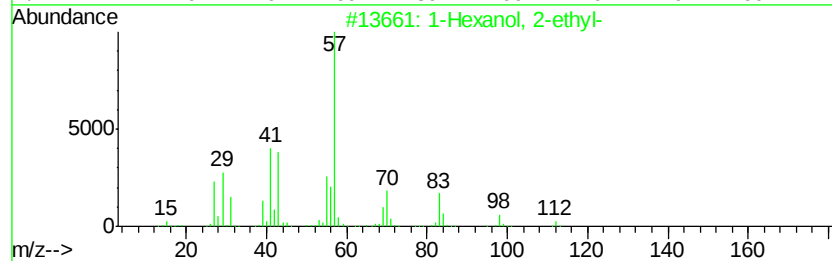
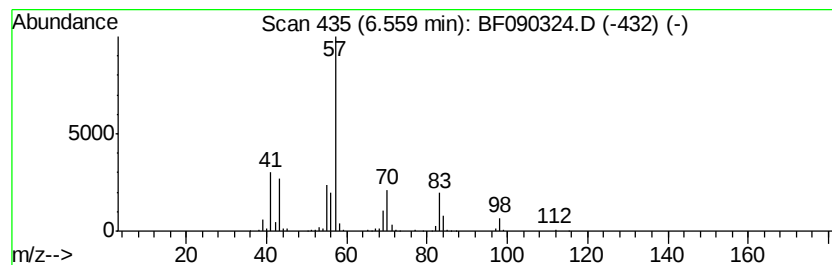
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	20.85 ng	756753	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090324.D
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Operator : UM/SJ
Sample : H5023-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-AREA-B-1-09272016

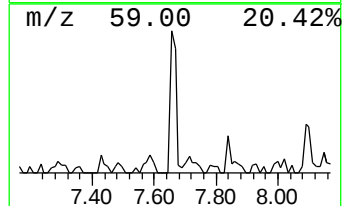
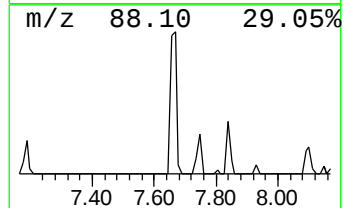
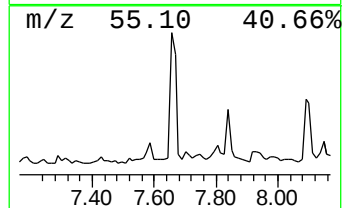
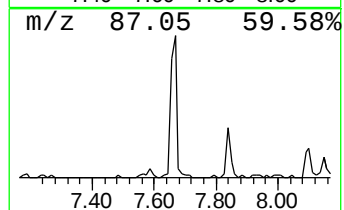
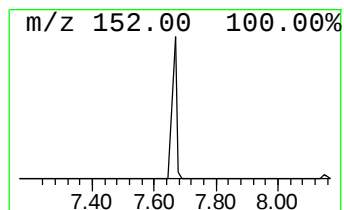
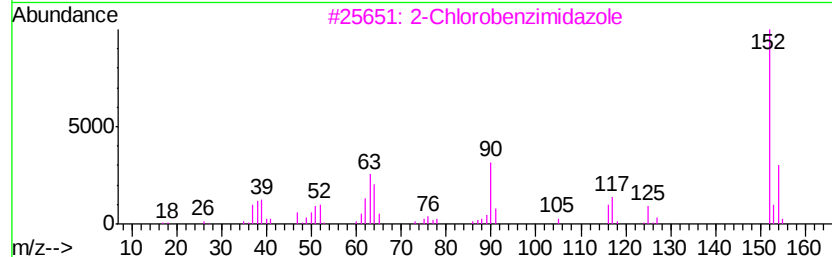
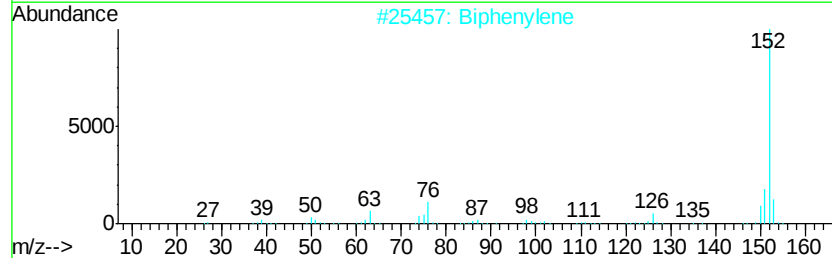
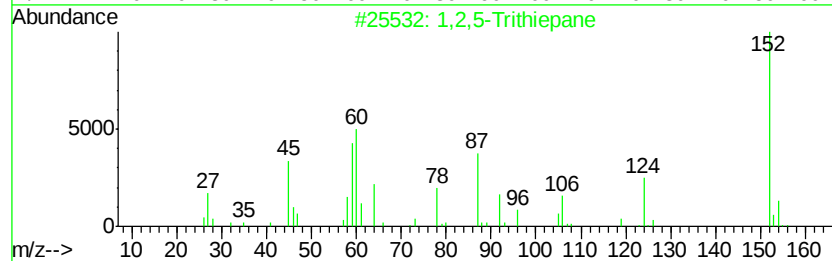
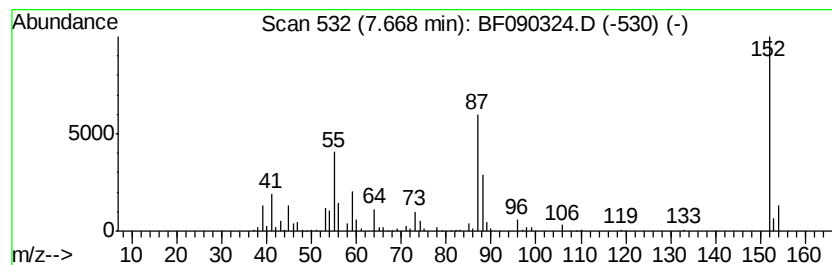
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.67 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	4.88 ng	216237	Naphthalene-d8	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	36
2		Biphenylene	152	C12H8	000259-79-0	12
3		2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	12
4		Butane(dithioic) acid, methyl ester	134	C5H10S2	013831-08-8	10
5		trans-1-Nitro-1-propene	87	C3H5NO2	017082-05-2	9



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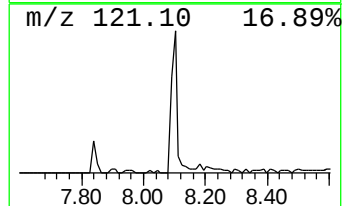
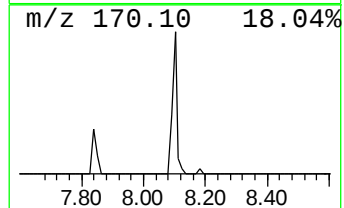
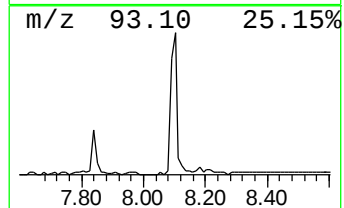
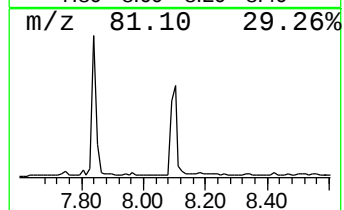
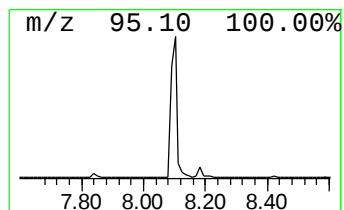
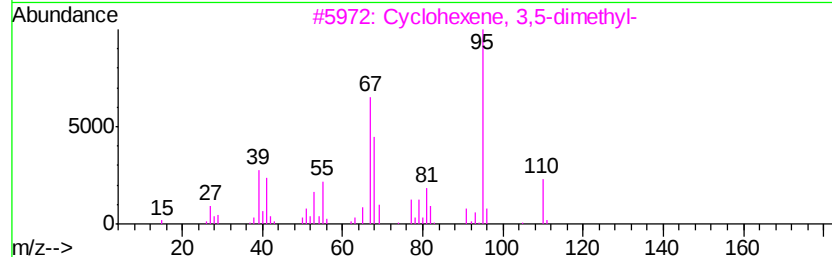
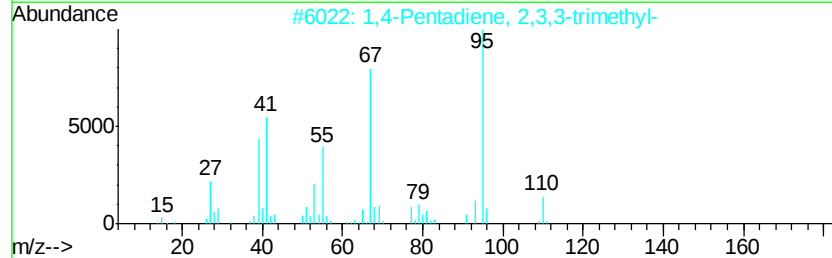
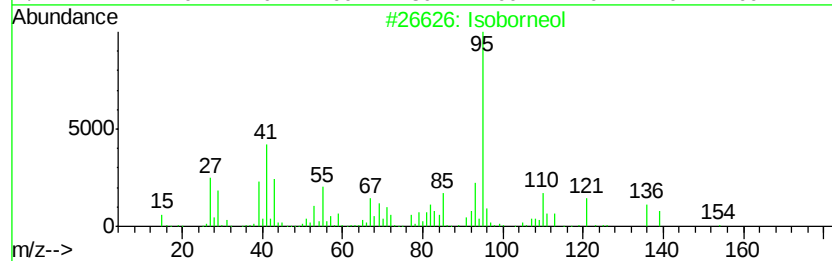
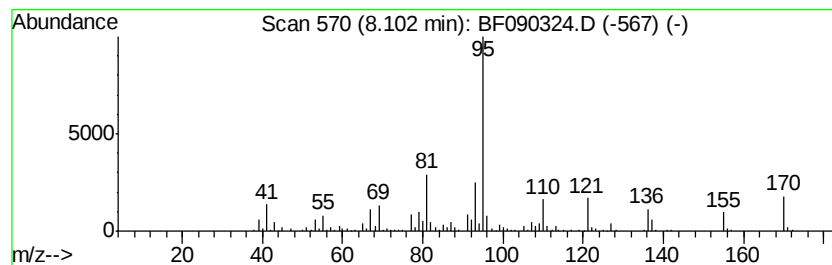
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Isoborneol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	13.39 ng	593409	Naphthalene-d8	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoborneol	154	C10H18O	000124-76-5	64
2		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
3		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
4		2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	43
5		1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	43



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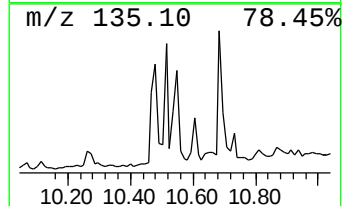
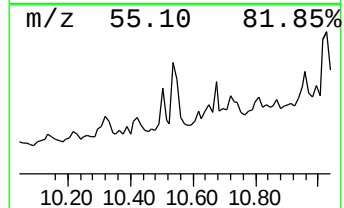
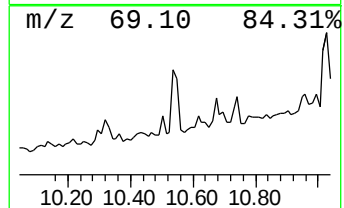
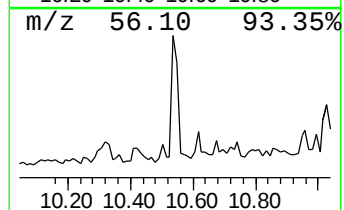
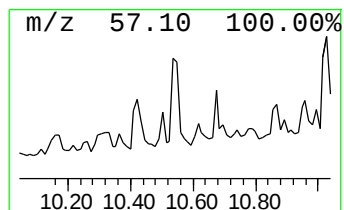
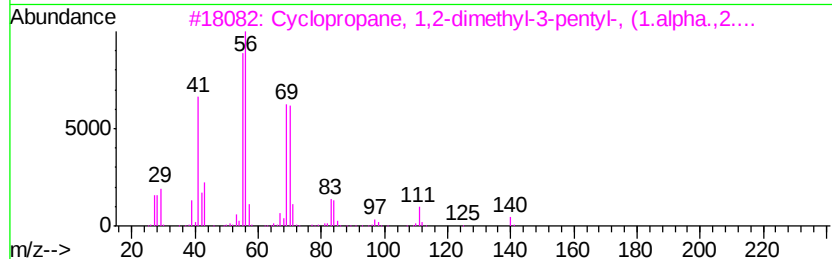
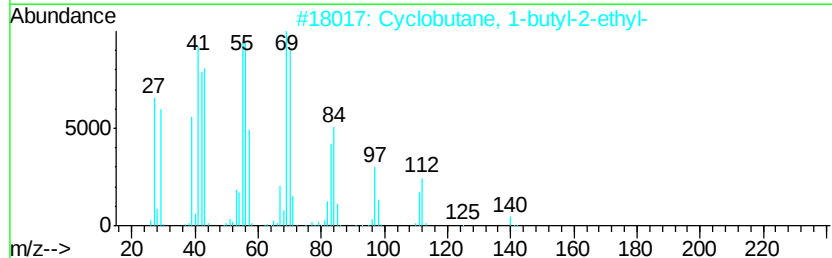
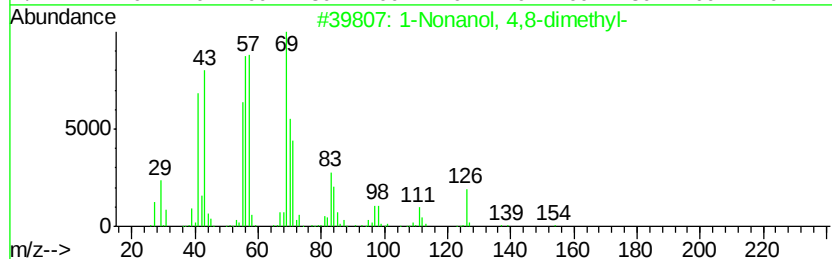
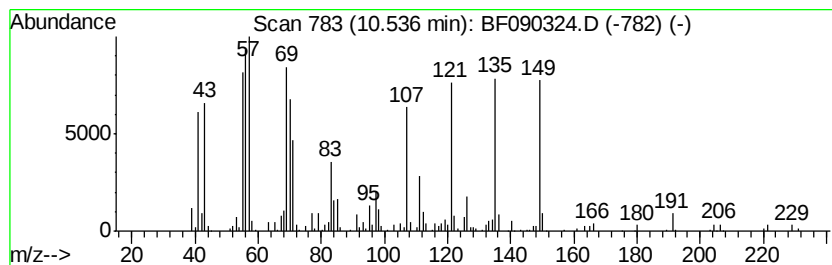
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.54 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	5.67 ng	224526	Phenanthrene-d10	10.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	35
2			Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	30
3			Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	30
4			1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	27
5			1-Decene	140	C10H20	000872-05-9	25



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ALS Vial : 17 Sample Multiplier: 1

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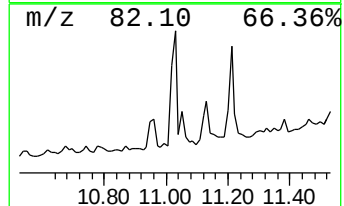
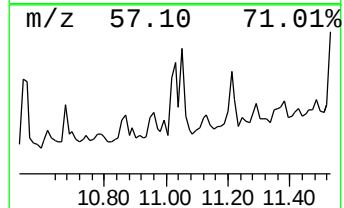
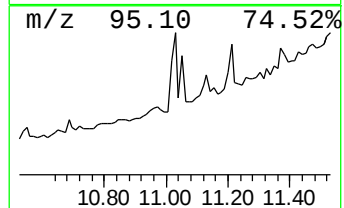
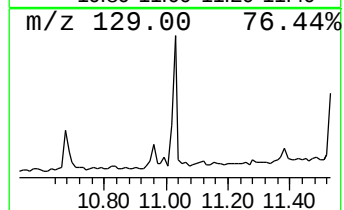
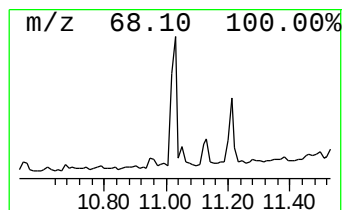
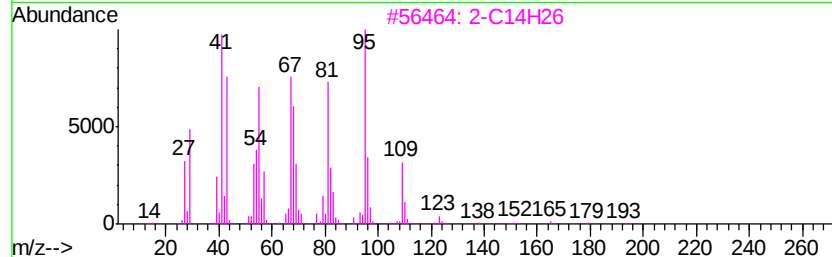
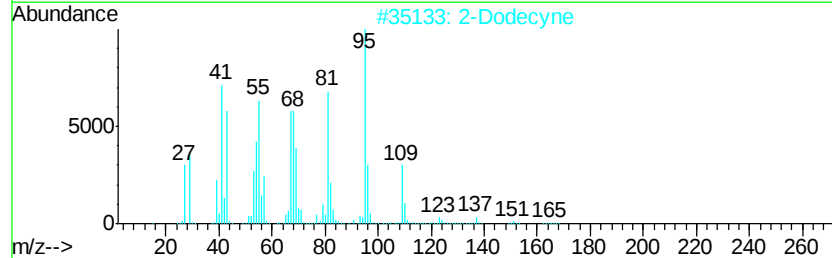
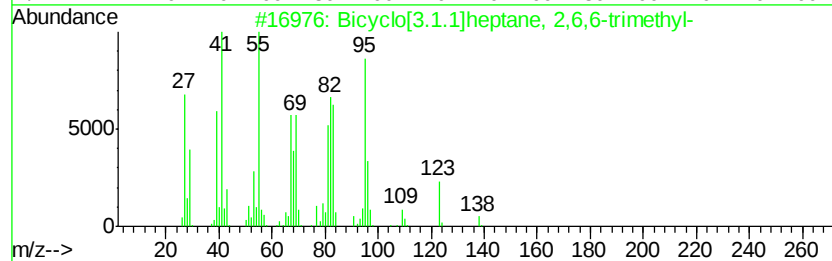
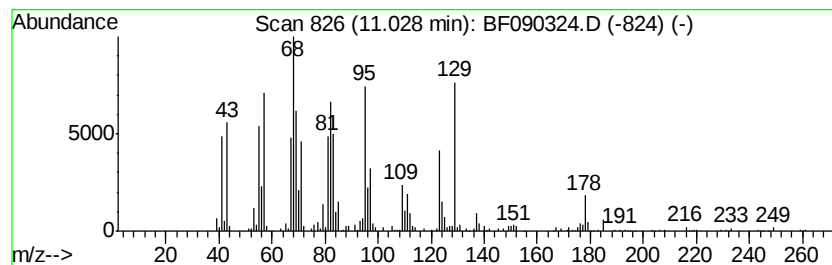
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	6.82 ng	270095	Phenanthrene-d10	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
2		2-Dodecyne	166	C12H22	000629-49-2	30
3		2-C14H26	194	C14H26	000638-60-8	30
4		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	27
5		Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	25



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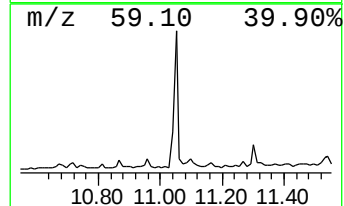
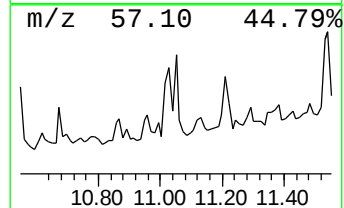
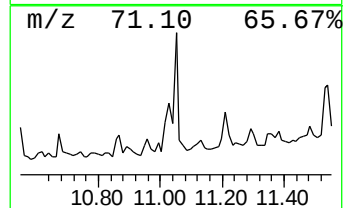
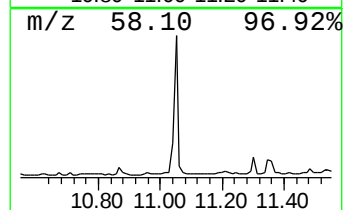
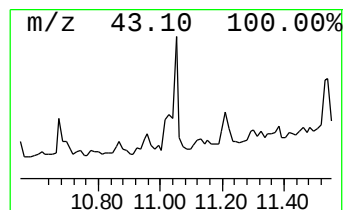
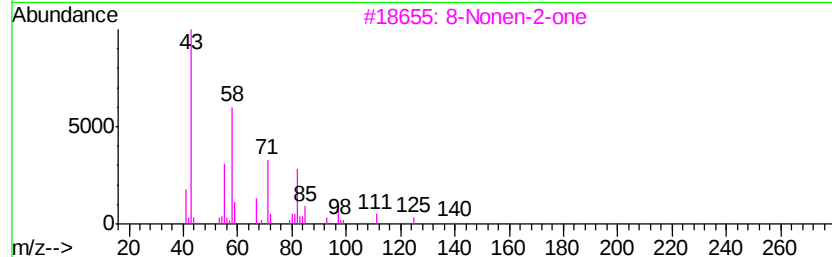
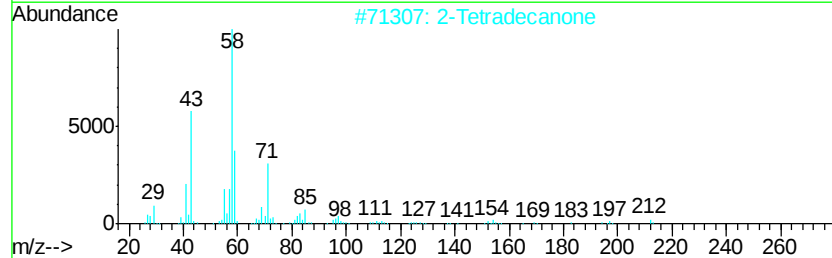
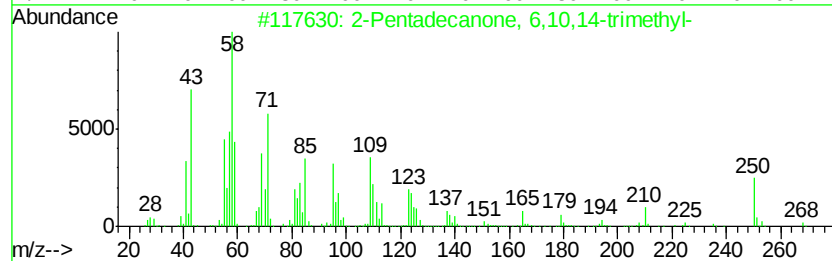
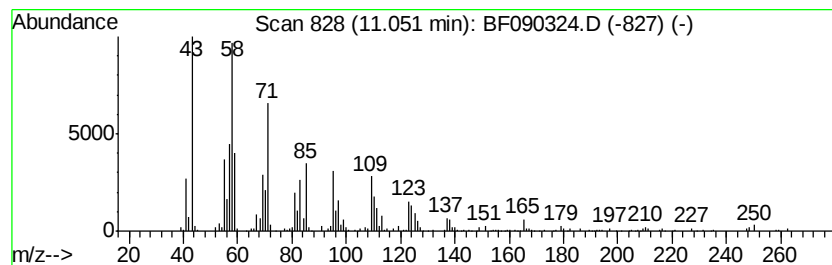
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Pentadecanone, 6,10,14-tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.54 ng	179771	Phenanthrene-d10	10.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	90
2			2-Tetradecanone	212	C14H28O	002345-27-9	58
3			8-Nonen-2-one	140	C9H16O	005009-32-5	43
4			2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	43
5			Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	38



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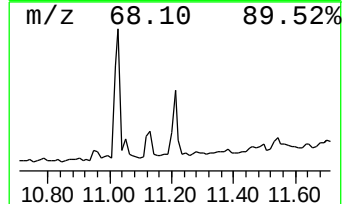
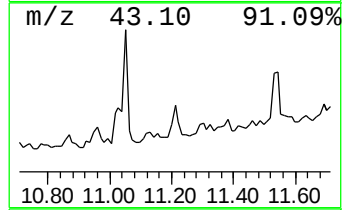
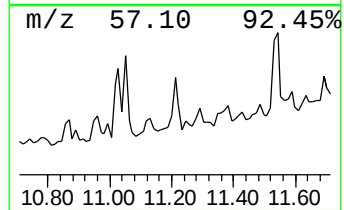
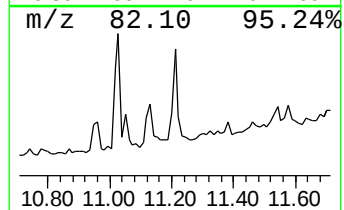
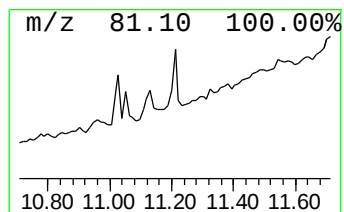
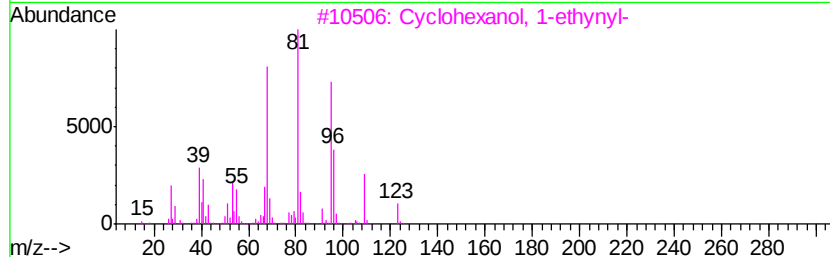
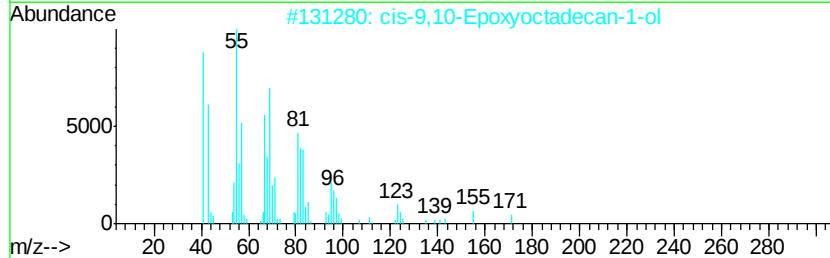
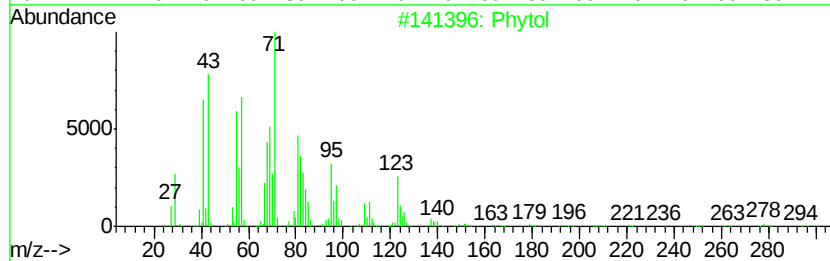
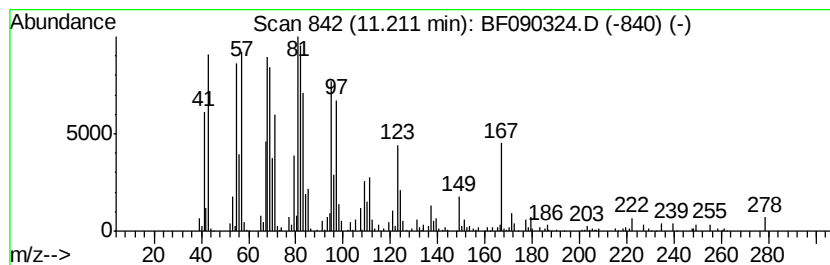
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown11.21 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	5.27 ng	208801	Phenanthrene-d10	10.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phytol	296	C20H40O	000150-86-7	43
2			cis-9,10-Epoxyoctadecan-1-ol	284	C18H36O2	013980-12-6	38
3			Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	35
4			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	30
5			(-)-trans-Pinane	138	C10H18	033626-25-4	25



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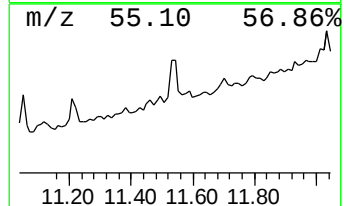
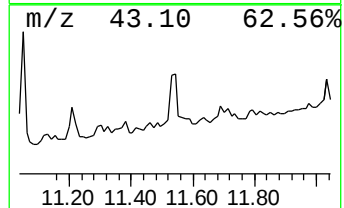
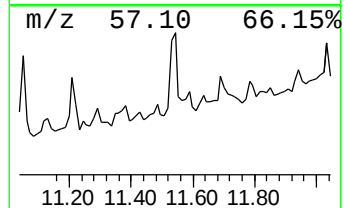
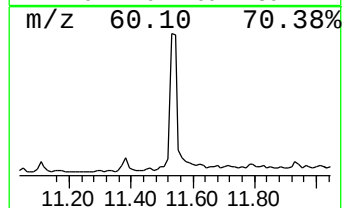
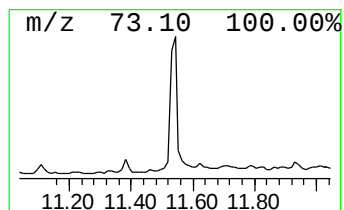
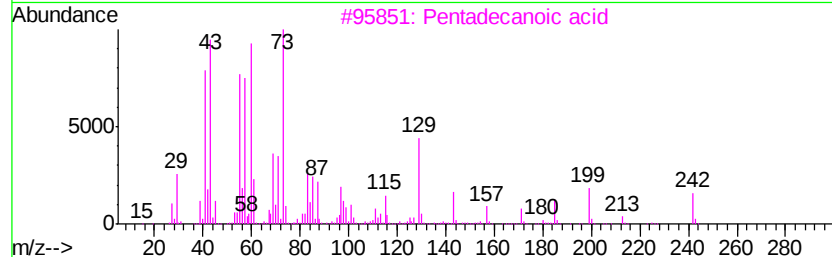
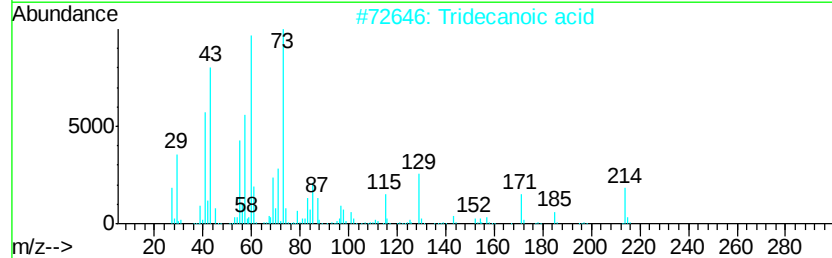
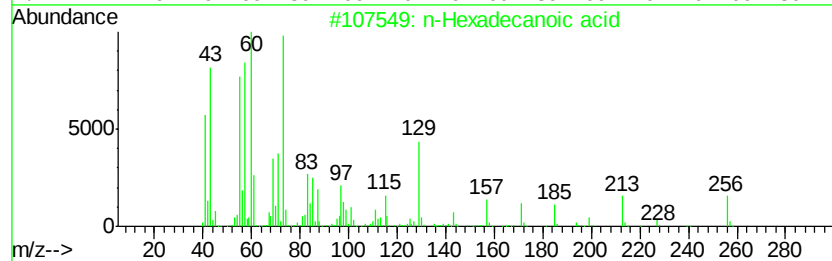
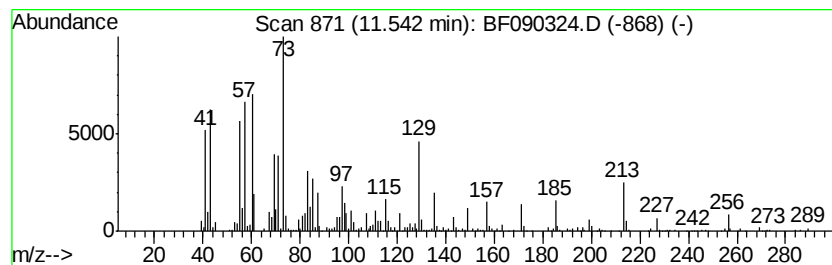
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	10.14 ng	401399	Phenanthrene-d10	10.96

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	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090324.D
Acq On : 30 Sep 2016 20:49
Operator : UM/SJ
Sample : H5023-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

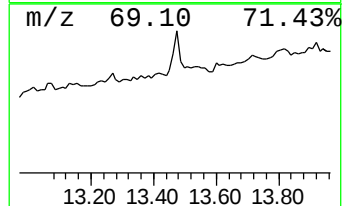
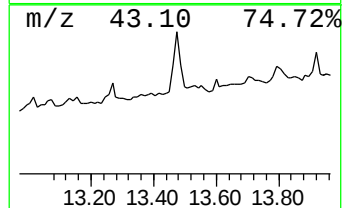
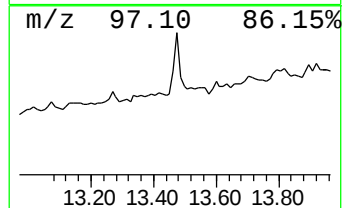
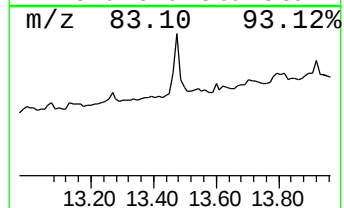
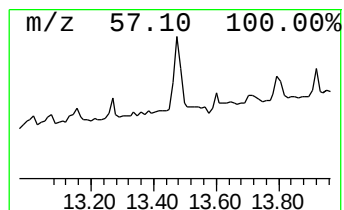
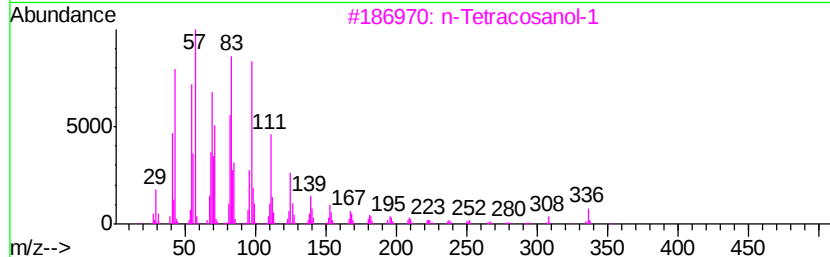
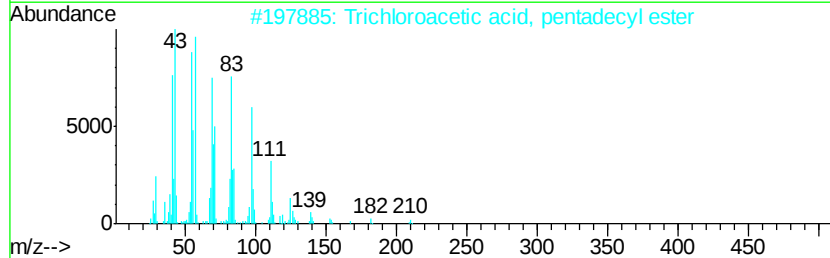
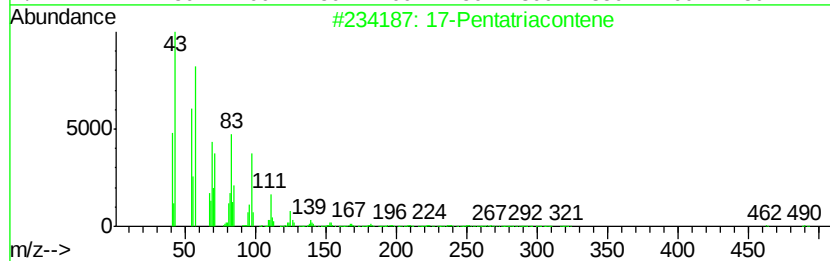
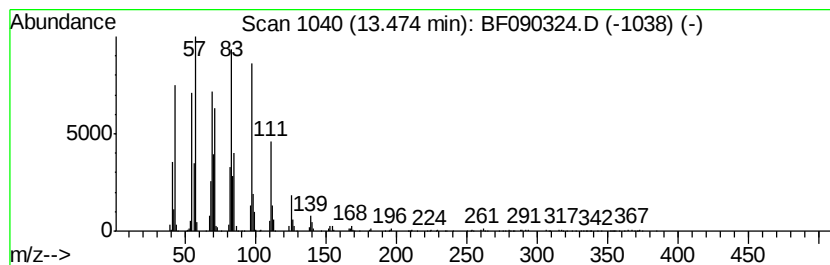
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ClientSampleId :
WC-AREA-B-1-09272016

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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 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	20.00 ng	557327	Chrysene-d12	13.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491 C35H70	006971-40-0	91
2	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	91
4	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	87
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090324.D
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Operator : UM/SJ
Sample : H5023-05 2X
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Instrument :
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ClientSampleId :
WC-AREA-B-1-09272016

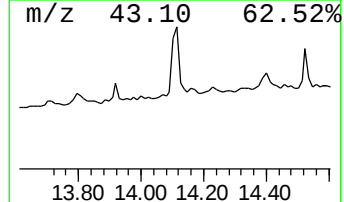
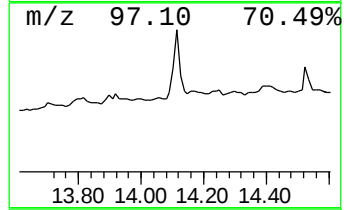
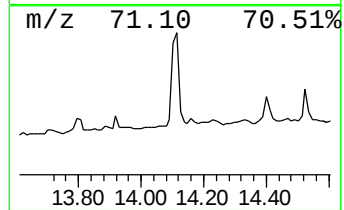
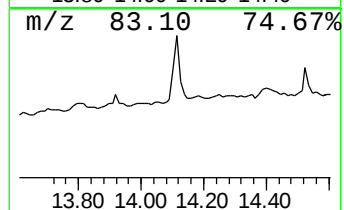
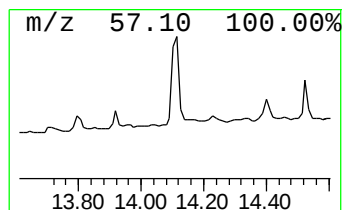
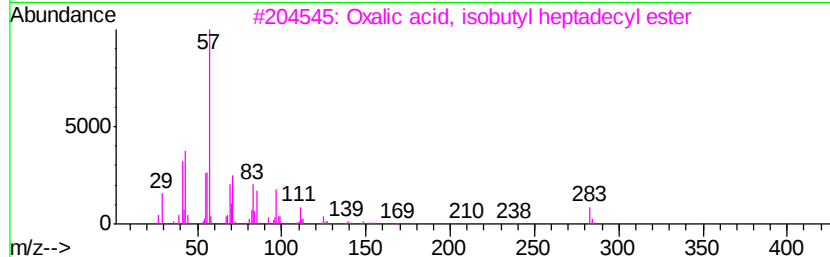
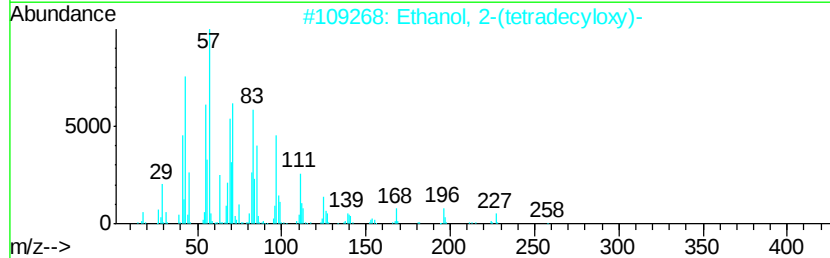
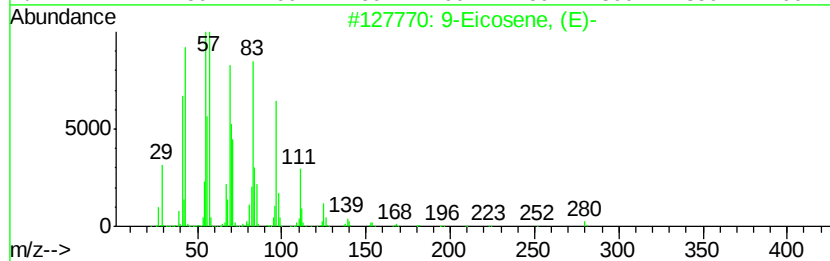
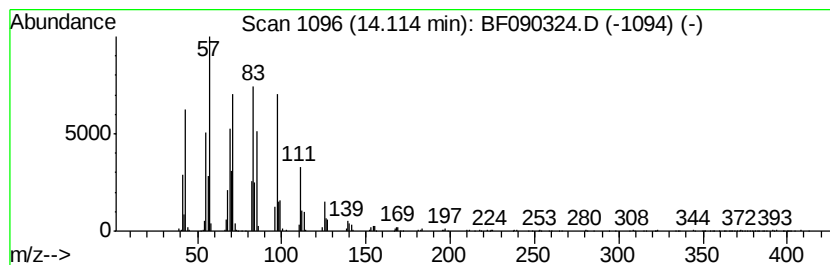
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	31.19 ng	869242	Chrysene-d12	13.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090324.D
Acq On : 30 Sep 2016 20:49
Operator : UM/SJ
Sample : H5023-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-AREA-B-1-09272016

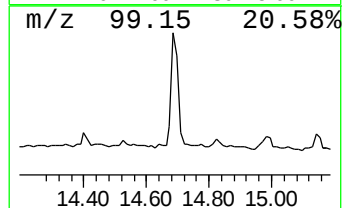
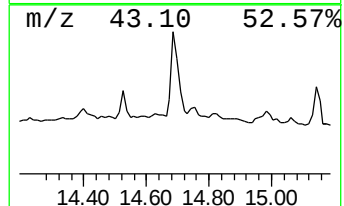
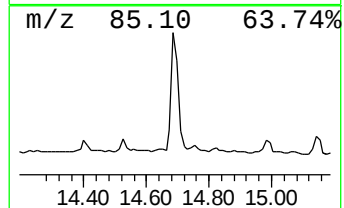
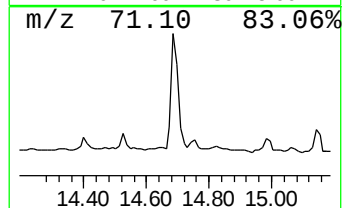
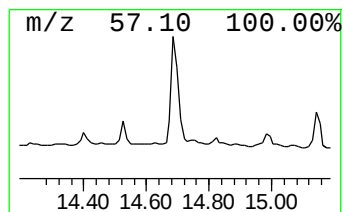
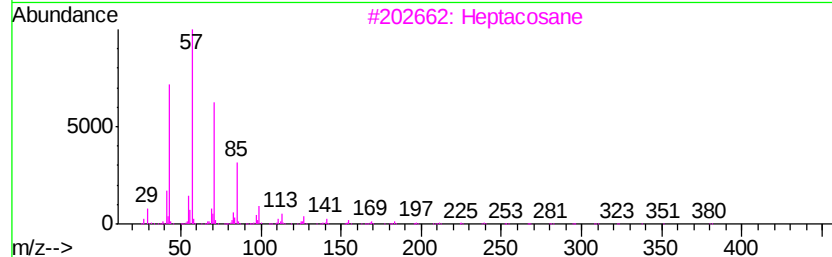
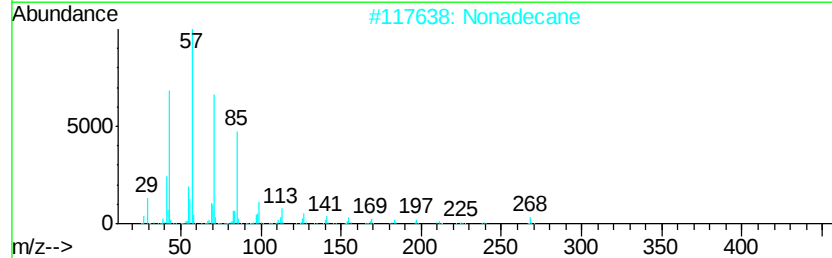
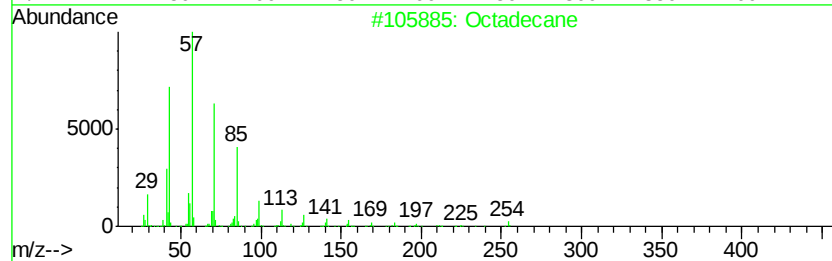
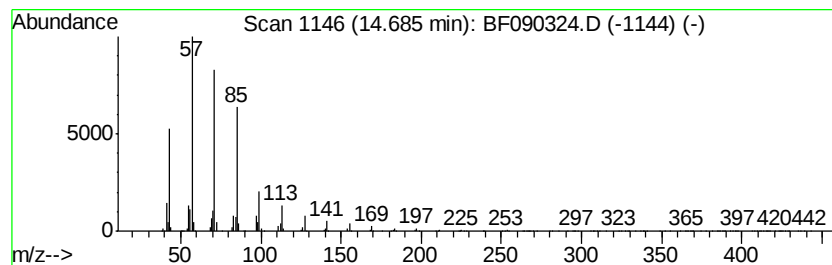
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	24.91 ng	1125190	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090324.D
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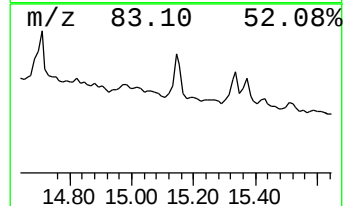
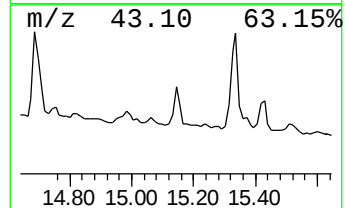
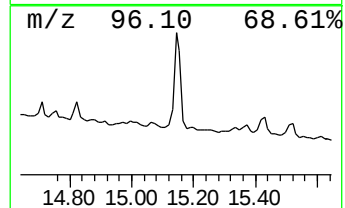
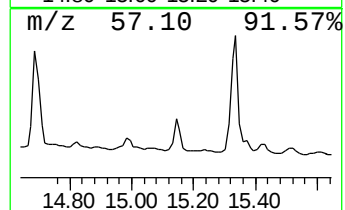
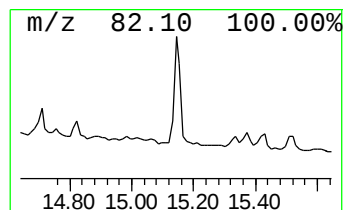
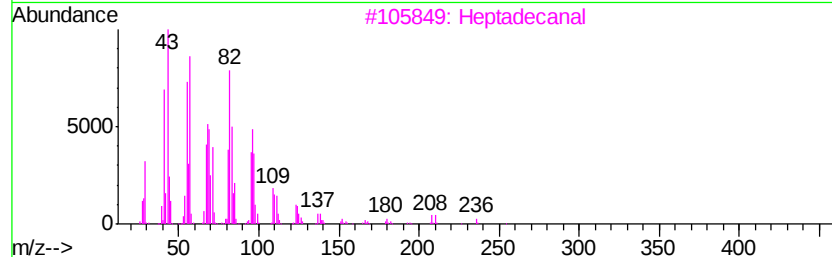
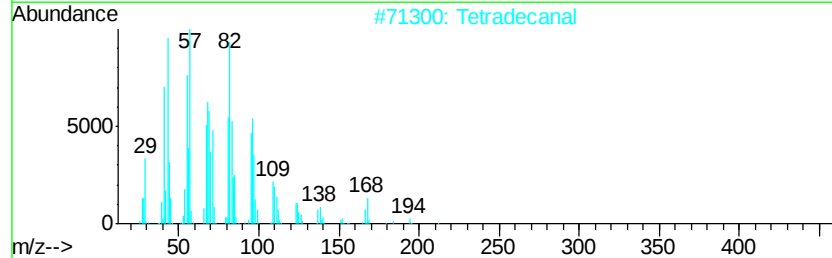
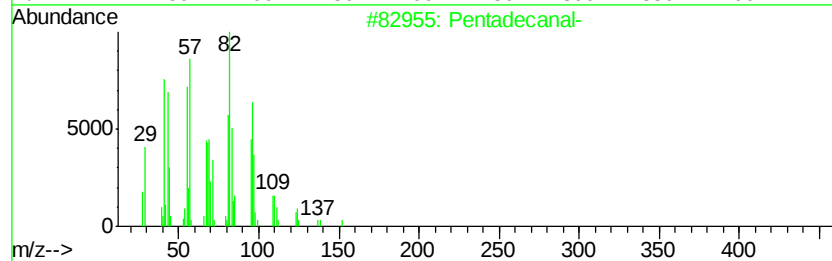
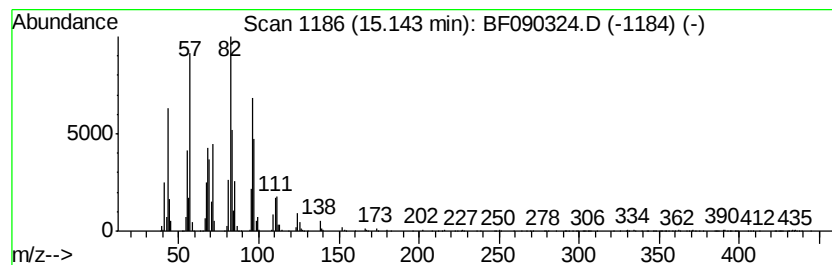
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecanal- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	20.00 ng	903418	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanal-	226	C15H30O	002765-11-9	78
2		Tetradecanal	212	C14H28O	000124-25-4	72
3		Heptadecanal	254	C17H34O	1000376-70-0	64
4		7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	46
5		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090324.D
Acq On : 30 Sep 2016 20:49
Operator : UM/SJ
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-AREA-B-1-09272016

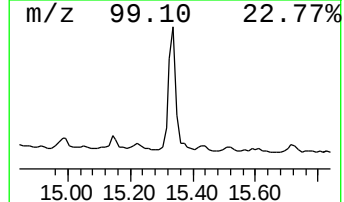
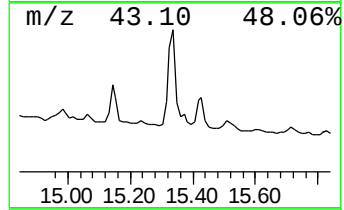
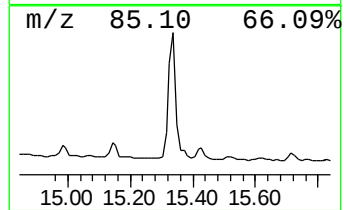
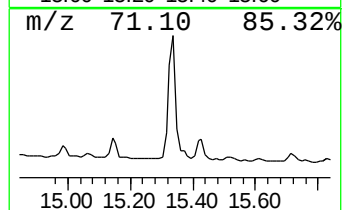
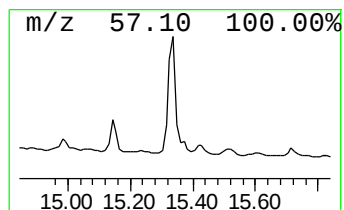
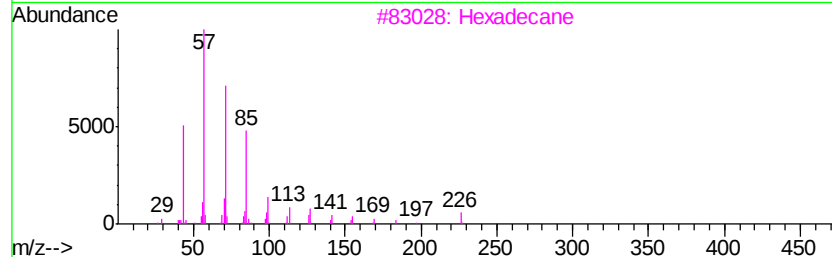
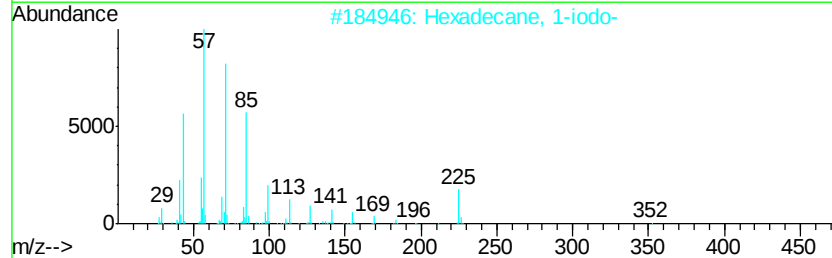
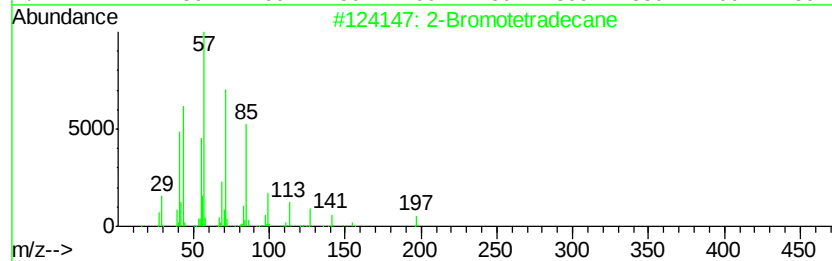
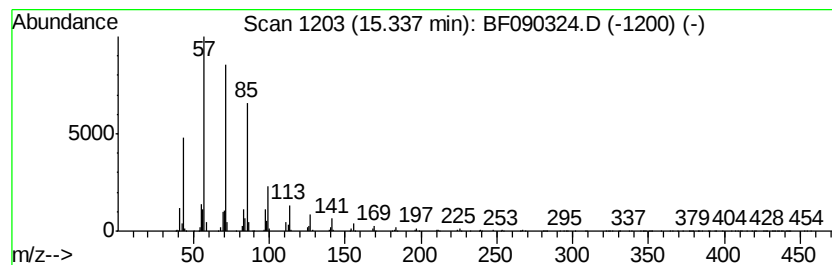
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Bromotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	33.27 ng	1502900	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090324.D
Acq On : 30 Sep 2016 20:49
Operator : UM/SJ
Sample : H5023-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
WC-AREA-B-1-09272016

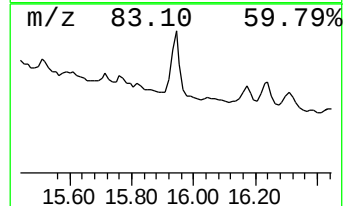
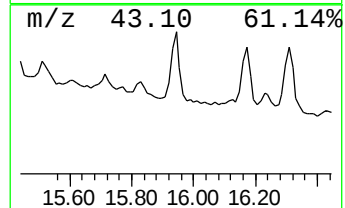
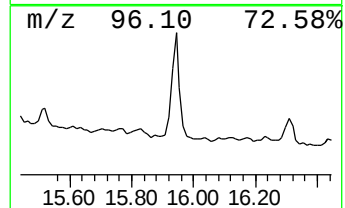
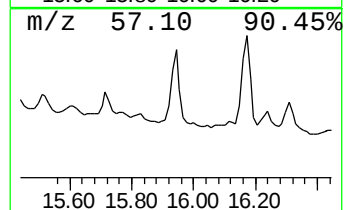
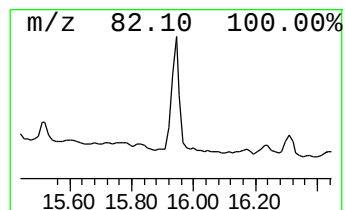
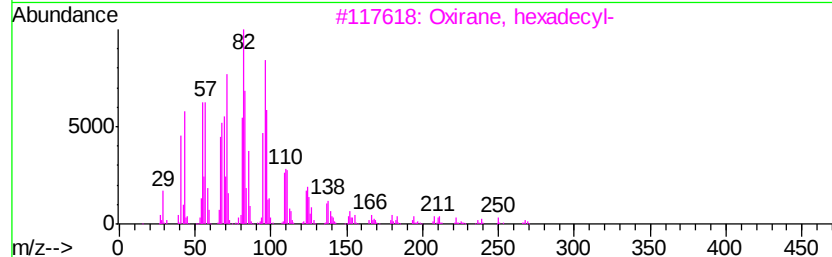
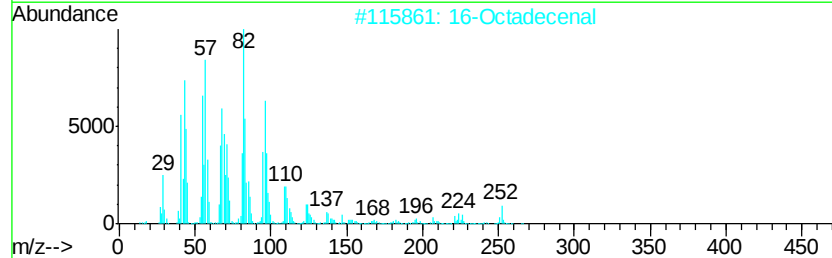
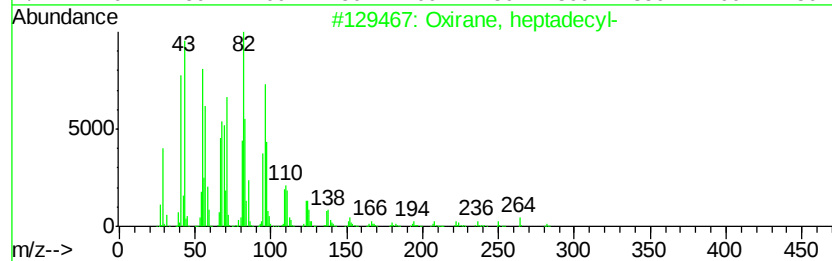
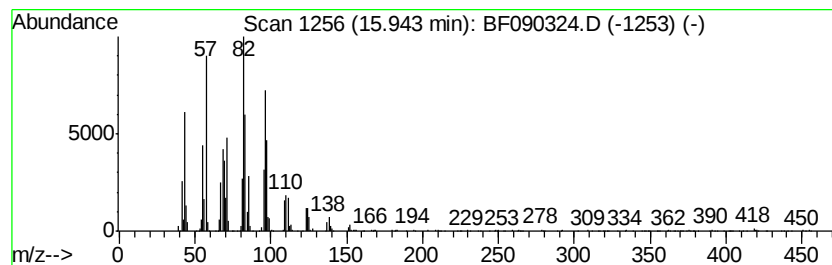
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Oxirane, heptadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	22.72 ng	1026450	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
2		16-Octadecenal	266	C18H34O	056554-87-1	81
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80
4		Octadecanal	268	C18H36O	000638-66-4	78
5		Tetracosanal	352	C24H48O	057866-08-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090324.D
 Acq On : 30 Sep 2016 20:49
 Operator : UM/SJ
 Sample : H5023-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-1-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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
unknown1.95	1.95	5.8	ng	210359	1	6.46	725935	20.0
2-Hexanol	2.80	27.3	ng	991953	1	6.46	725935	20.0
2-Pentanone, 4-hy...	4.52	6.0	ng	219717	1	6.46	725935	20.0
unknown6.23	6.23	33.8	ng	1226300	1	6.46	725935	20.0
1-Hexanol, 2-ethyl-	6.56	20.9	ng	756753	1	6.46	725935	20.0
unknown7.67	7.67	4.9	ng	216237	2	7.75	886595	20.0
Isoborneol	8.10	13.4	ng	593409	2	7.75	886595	20.0
unknown10.54	10.54	5.7	ng	224526	4	10.96	791786	20.0
unknown11.03	11.03	6.8	ng	270095	4	10.96	791786	20.0
2-Pentadecanone, ...	11.05	4.5	ng	179771	4	10.96	791786	20.0
unknown11.21	11.21	5.3	ng	208801	4	10.96	791786	20.0
n-Hexadecanoic acid	11.54	10.1	ng	401399	4	10.96	791786	20.0
17-Pentatriacontene	13.47	20.0	ng	557327	5	13.59	557327	20.0
9-Eicosene, (E)-	14.11	31.2	ng	869242	5	13.59	557327	20.0
Octadecane	14.69	24.9	ng	1125190	6	14.94	903418	20.0
Pentadecanal-	15.14	20.0	ng	903418	6	14.94	903418	20.0
2-Bromotetradecane	15.34	33.3	ng	1502900	6	14.94	903418	20.0
Oxirane, heptadecyl-	15.94	22.7	ng	1026450	6	14.94	903418	20.0