

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018337.D
 Acq On : 20 Dec 2018 19:21
 Operator : JU/SJ
 Sample : J6389-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1218-01

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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	2.916	3	5	11	rVB	56031	60928	1.33%	0.118%
2	3.363	75	81	97	rVB	63427	166138	3.63%	0.321%
3	3.716	133	141	145	rBV	38275	79698	1.74%	0.154%
4	4.134	209	212	220	rVB2	34814	53039	1.16%	0.102%
5	4.675	297	304	311	rVB	113344	157398	3.44%	0.304%
6	5.045	359	367	373	rBV2	29443	59674	1.30%	0.115%
7	5.122	373	380	394	rVV	2702567	3774292	82.39%	7.294%
8	6.116	544	549	555	rBV	109800	153831	3.36%	0.297%
9	6.381	586	594	598	rBV2	39239	66418	1.45%	0.128%
10	6.487	606	612	617	rBV6	24341	54015	1.18%	0.104%
11	6.551	617	623	628	rVV2	37158	76062	1.66%	0.147%
12	6.604	628	632	636	rVV	53166	78588	1.72%	0.152%
13	6.692	636	647	656	rVV	2438998	4114001	89.81%	7.950%
14	6.763	656	659	668	rVB	59634	96248	2.10%	0.186%
15	7.028	696	704	713	rBV	2671220	4159896	90.81%	8.039%
16	7.481	775	781	790	rBV	641448	1047437	22.87%	2.024%
17	7.581	795	798	806	rVB2	51610	81305	1.77%	0.157%
18	7.792	825	834	844	rBV	1998569	3150762	68.78%	6.089%
19	8.098	879	886	891	rBV6	36872	83083	1.81%	0.161%
20	8.639	971	978	993	rBV	1487814	2492858	54.42%	4.817%
21	10.245	1239	1251	1258	rBV	766574	1310814	28.62%	2.533%
22	10.669	1313	1323	1328	rBV	18900	60651	1.32%	0.117%
23	10.992	1373	1378	1385	rVB9	22971	61235	1.34%	0.118%
24	11.074	1385	1392	1402	rBV9	58735	151518	3.31%	0.293%
25	11.669	1490	1493	1497	rVB4	39648	54156	1.18%	0.105%
26	11.827	1515	1520	1527	rBV7	34972	70127	1.53%	0.136%
27	11.957	1536	1542	1548	rBV2	132837	247551	5.40%	0.478%
28	12.086	1559	1564	1570	rBV3	36019	67923	1.48%	0.131%
29	12.427	1618	1622	1629	rBV9	34816	60269	1.32%	0.116%
30	12.651	1654	1660	1663	rBV6	38784	62319	1.36%	0.120%
31	12.745	1669	1676	1685	rBV	3130916	4545401	99.23%	8.784%
32	12.910	1698	1704	1708	rBV5	54031	98201	2.14%	0.190%
33	12.951	1708	1711	1718	rVB4	66398	113592	2.48%	0.220%
34	13.104	1732	1737	1741	rVB2	98707	130767	2.85%	0.253%

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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

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35	13.610	1815	1823	1831	rBV	377965	686965	15.00%	1.328%
36	13.804	1851	1856	1861	rBV2	123409	233773	5.10%	0.452%
37	14.045	1886	1897	1904	rBV5	171666	504220	11.01%	0.974%
38	14.139	1908	1913	1921	rVB2	904011	1401369	30.59%	2.708%
39	14.592	1987	1990	1998	rBV4	66995	103847	2.27%	0.201%
40	15.009	2058	2061	2065	rVB	109481	135107	2.95%	0.261%
41	15.162	2084	2087	2093	rBV6	67427	111548	2.44%	0.216%
42	15.651	2164	2170	2177	rBV	2276127	3158675	68.95%	6.104%
43	15.715	2177	2181	2186	rVV4	112939	171571	3.75%	0.332%
44	15.874	2203	2208	2218	rVB4	131671	329741	7.20%	0.637%
45	16.668	2339	2343	2349	rBV	481021	701448	15.31%	1.356%
46	16.903	2378	2383	2389	rBV2	1049344	1491320	32.56%	2.882%
47	17.098	2412	2416	2420	rBV4	175671	249466	5.45%	0.482%
48	17.303	2448	2451	2458	rBV3	165844	250789	5.47%	0.485%
49	17.768	2527	2530	2535	rBV	322791	455027	9.93%	0.879%
50	17.833	2536	2541	2548	rVV	1604245	2213811	48.33%	4.278%
51	19.009	2738	2741	2751	rVB	605189	1334006	29.12%	2.578%
52	19.127	2758	2761	2769	rVB	930167	1261315	27.53%	2.437%
53	19.562	2831	2835	2842	rBV	3538990	4580788	100.00%	8.852%
54	19.844	2880	2883	2888	rBV3	927555	1199014	26.17%	2.317%
55	20.127	2929	2931	2935	rVB	977944	1021127	22.29%	1.973%
56	20.856	3052	3055	3063	rVB2	1347117	1818324	39.69%	3.514%
57	21.133	3100	3102	3105	rBV	947035	1293426	28.24%	2.500%

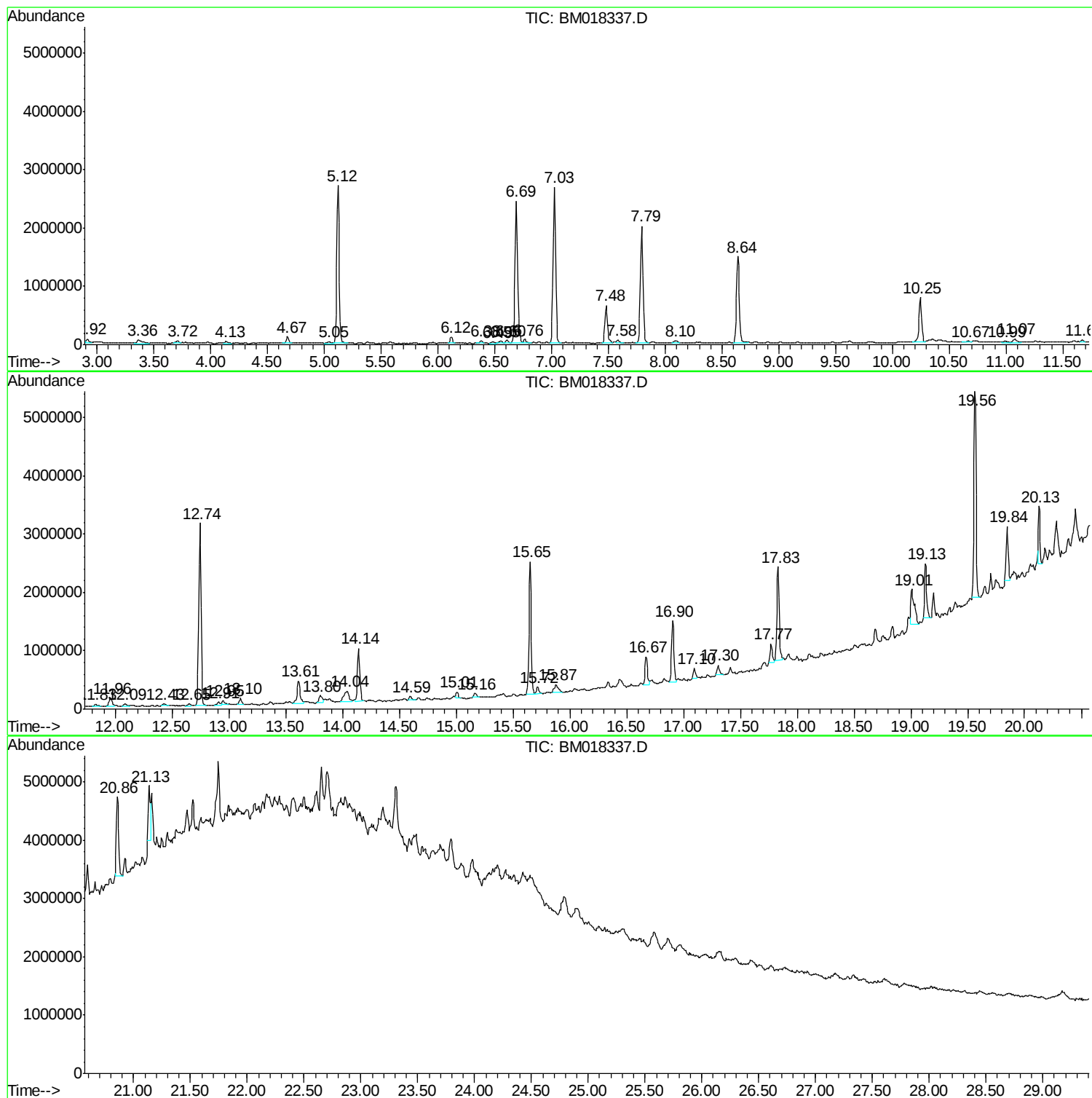
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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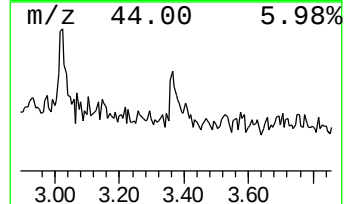
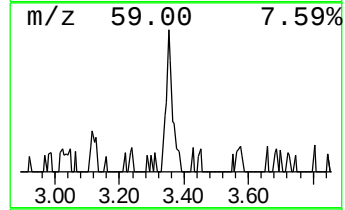
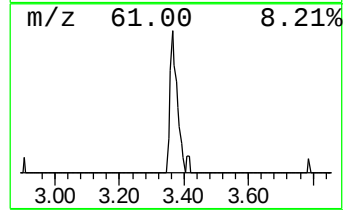
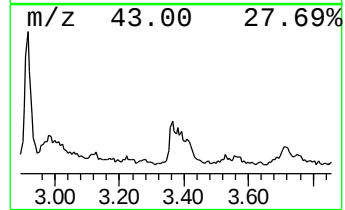
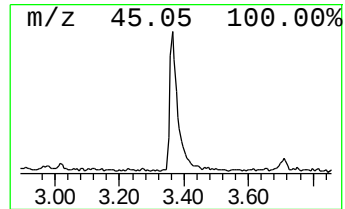
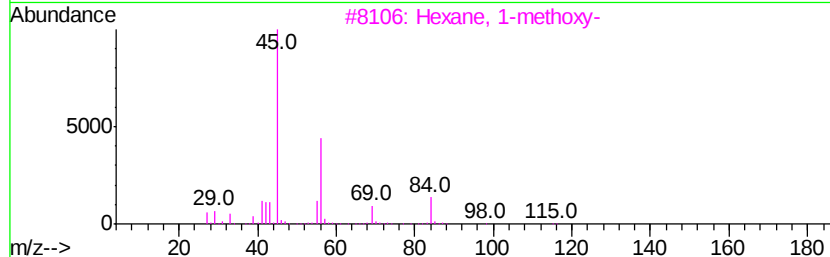
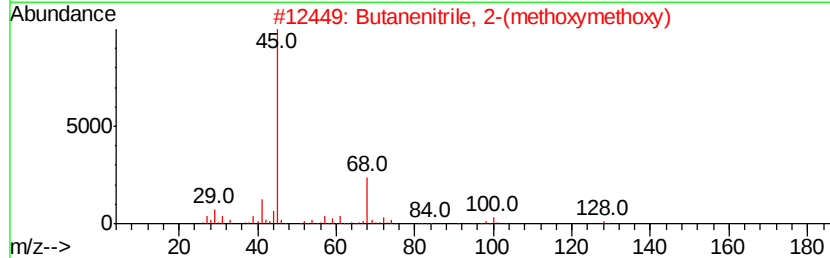
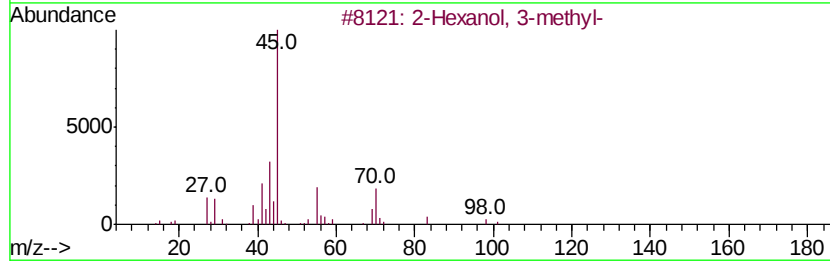
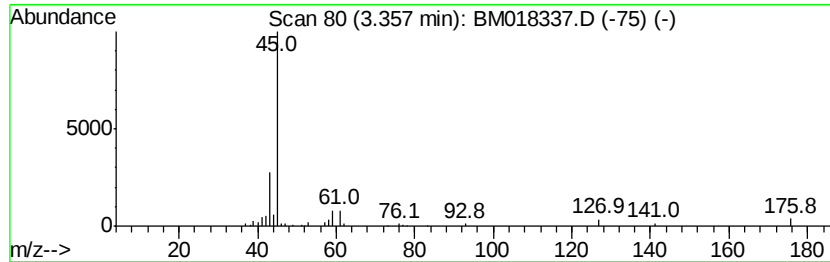
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.36 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	3.17 ng	166138	1,4-Dichlorobenzene-d4	7.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	45
2			Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	38
3			Hexane, 1-methoxy-	116	C7H16O	004747-07-3	38
4			Propylene Glycol	76	C3H8O2	000057-55-6	25
5			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9



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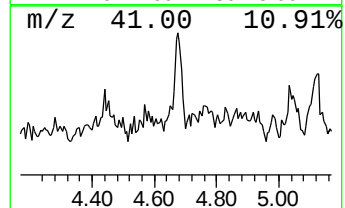
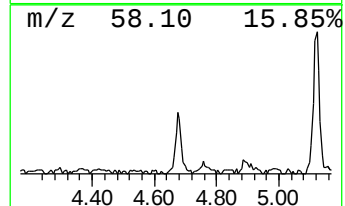
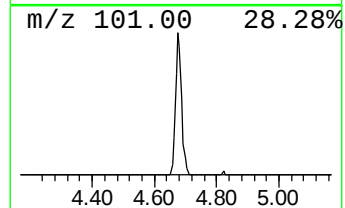
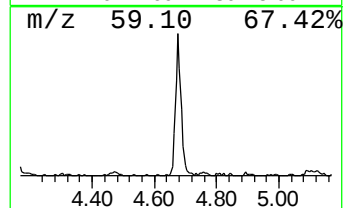
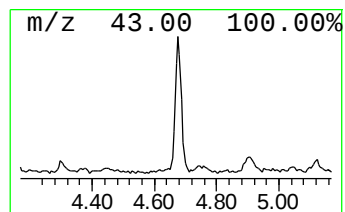
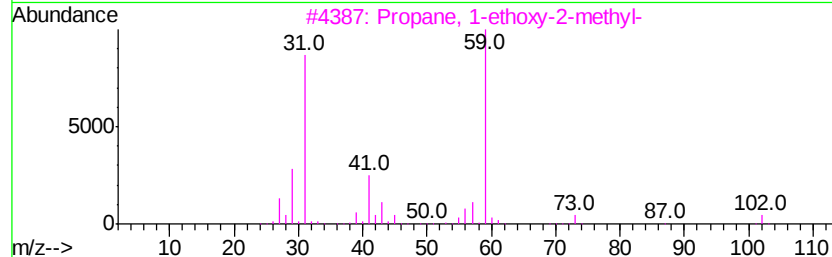
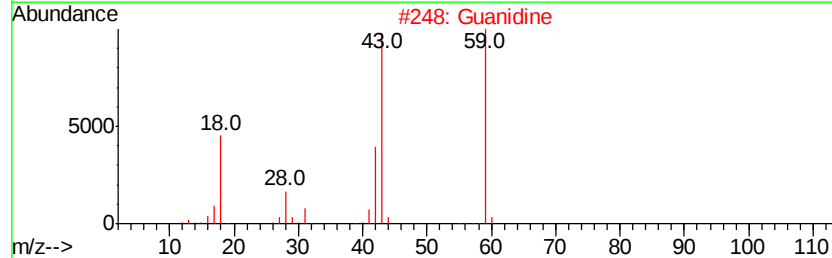
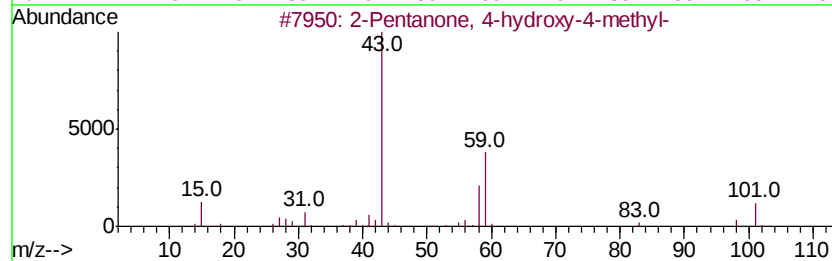
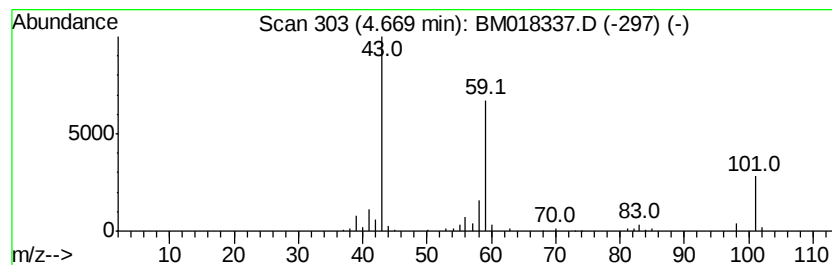
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	3.01 ng	157398	1,4-Dichlorobenzene-d4	7.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Guanidine	59	CH5N3	000113-00-8	50	
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43	
4	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	42	
5	Dimethadione	129	C5H7NO3	000695-53-4	36	



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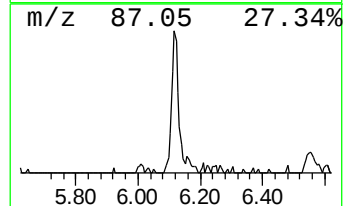
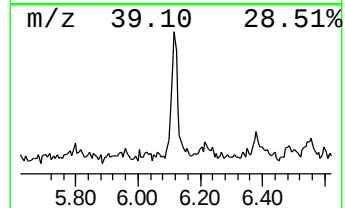
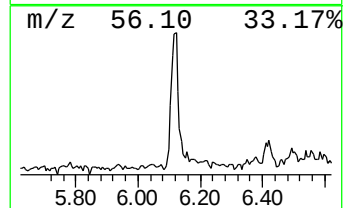
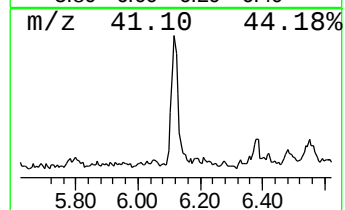
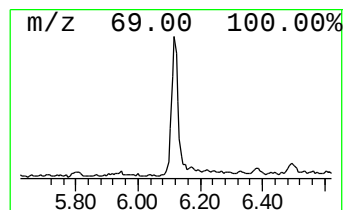
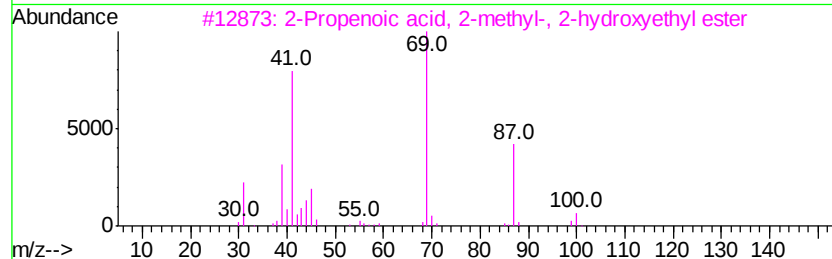
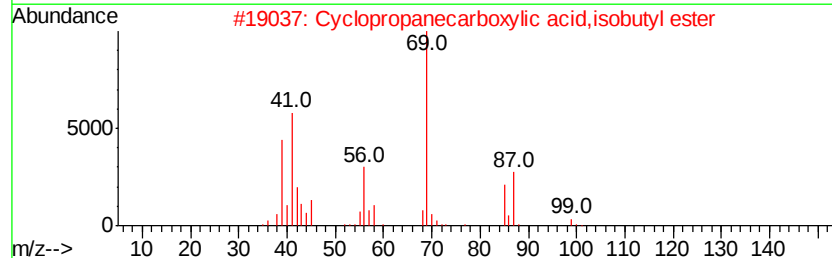
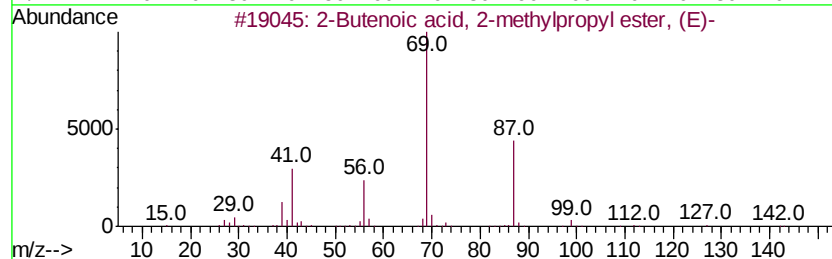
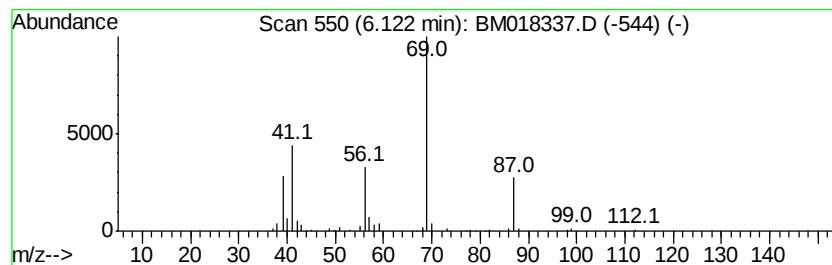
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Butenoic acid, 2-methylpr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	2.94 ng	153831	1,4-Dichlorobenzene-d4	7.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	073545-15-0	83
2			Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	64
3			2-Propenoic acid, 2-methyl-, 2-h...	130	C6H10O3	000868-77-9	59
4			2-Propenoic acid, 2-methyl-, but...	142	C8H14O2	000097-88-1	50
5			Methacrylic anhydride	154	C8H10O3	000760-93-0	43



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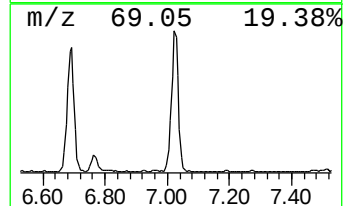
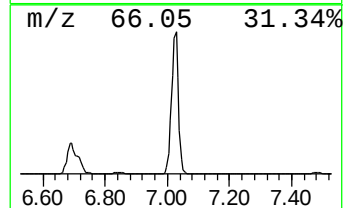
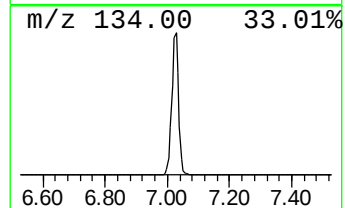
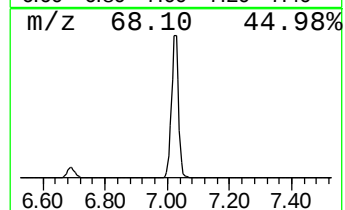
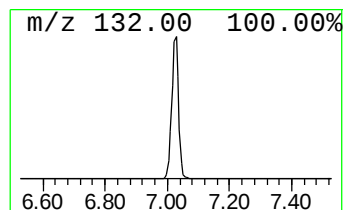
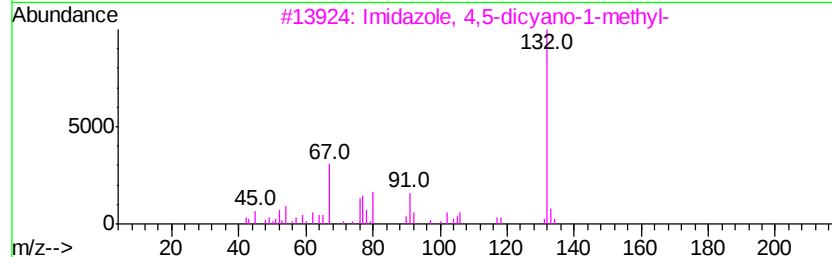
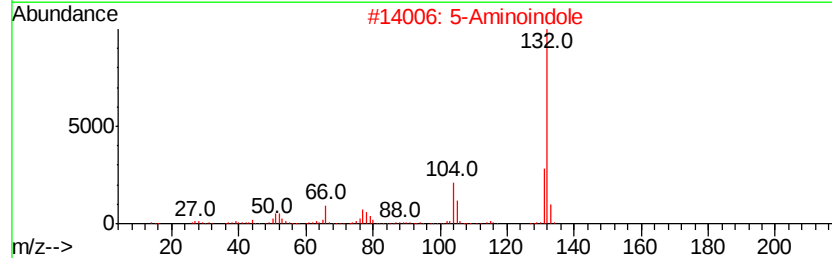
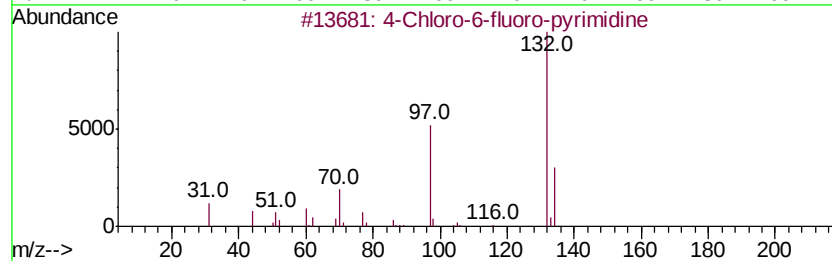
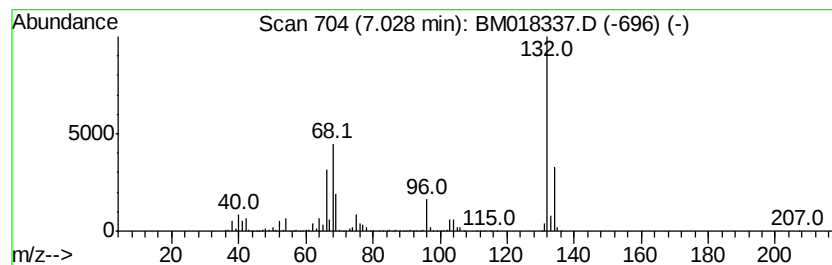
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	79.43 ng	4159900	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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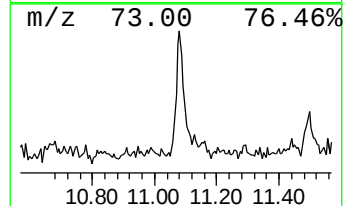
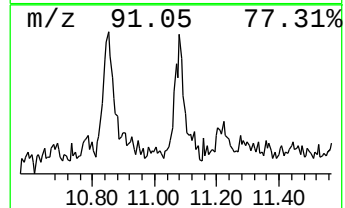
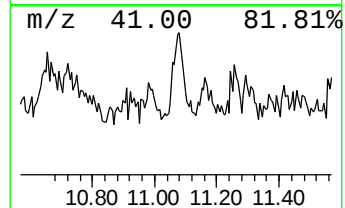
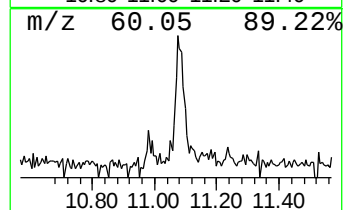
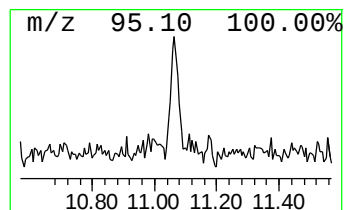
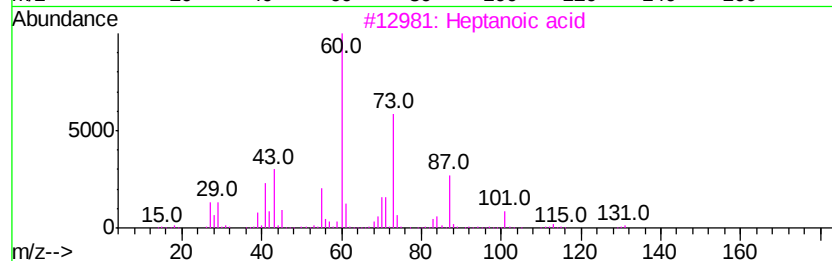
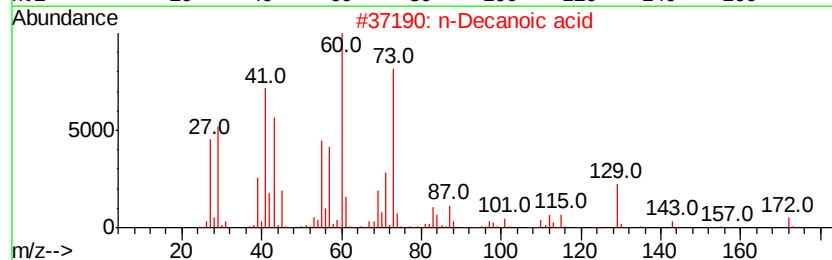
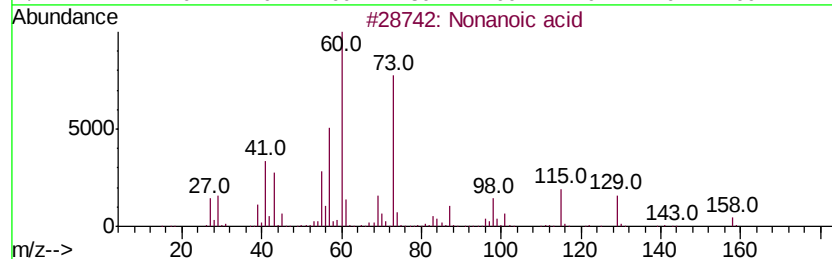
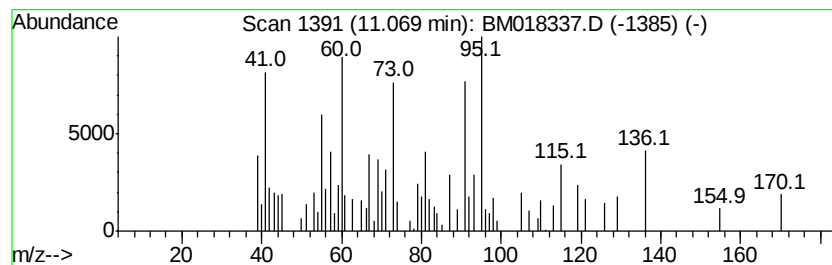
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.31 ng	151518	Napthalene-d8	10.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	35
2		n-Decanoic acid	172	C10H20O2	000334-48-5	35
3		Heptanoic acid	130	C7H14O2	000111-14-8	27
4		L-Galactose, 6-deoxy-	164	C6H12O5	002438-80-4	27
5		5-Hexenoic acid	114	C6H10O2	001577-22-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
Acq On : 20 Dec 2018 19:21
Operator : JU/SJ
Sample : J6389-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

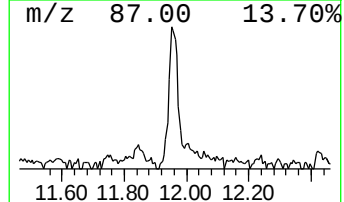
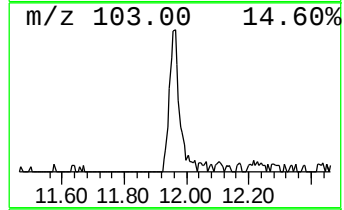
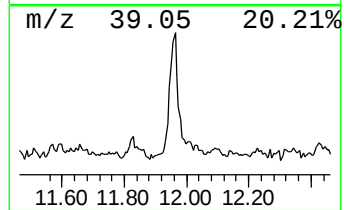
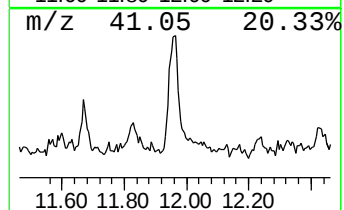
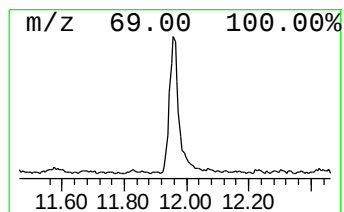
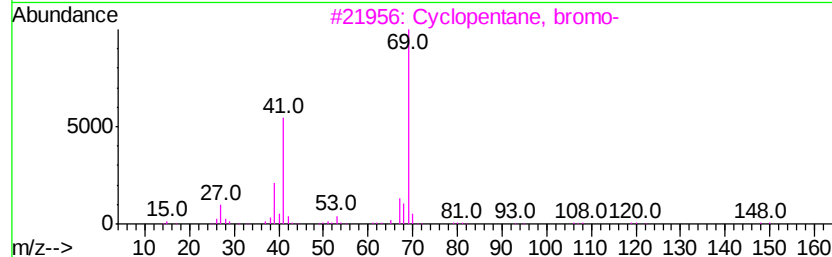
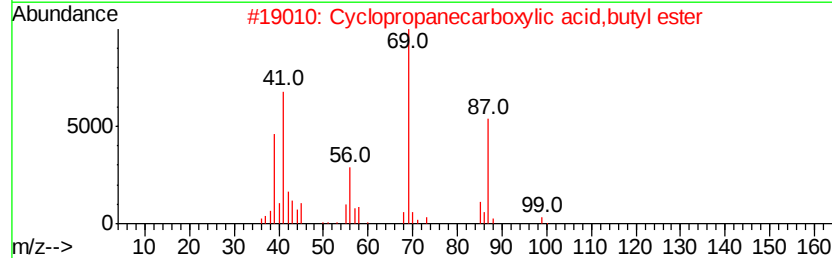
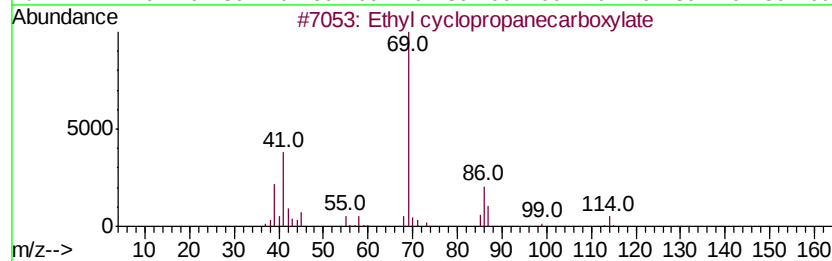
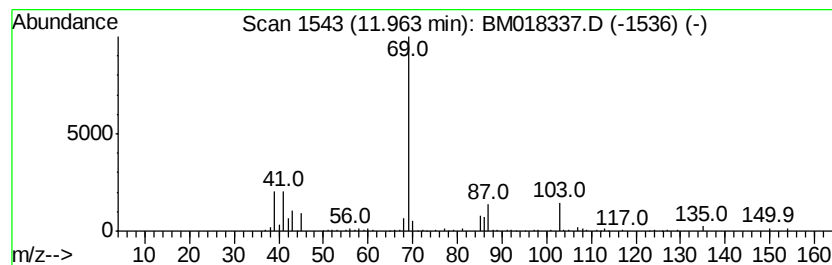
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethyl cyclopropanecarboxylate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.78 ng	247551	Naphthalene-d8	10.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethyl cyclopropanecarboxylate	114 C6H10O2	004606-07-9 50
2		Cyclopropanecarboxylic acid, buty...	142 C8H14O2	054947-39-6 50
3		Cyclopentane, bromo-	148 C5H9Br	000137-43-9 28
4		2-Butenoic acid, 1-methylethyl e...	128 C7H12O2	018060-77-0 10
5		2-Butenoic acid, methyl ester	100 C5H8O2	018707-60-3 9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
Acq On : 20 Dec 2018 19:21
Operator : JU/SJ
Sample : J6389-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

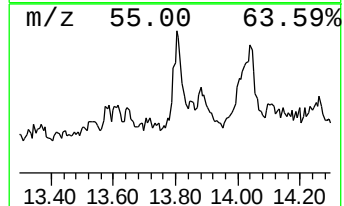
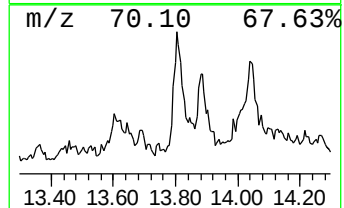
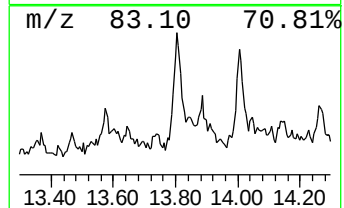
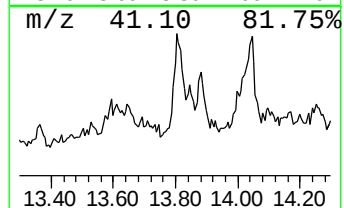
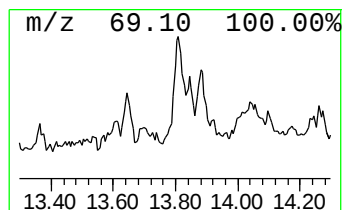
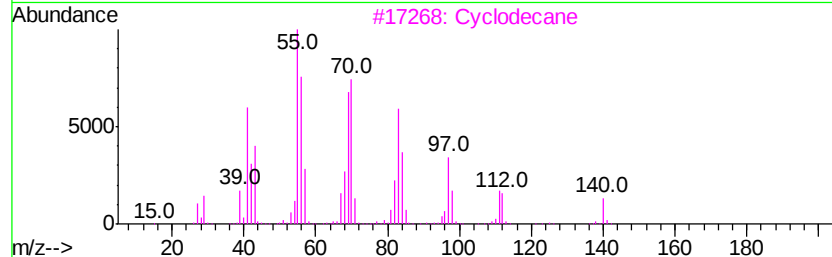
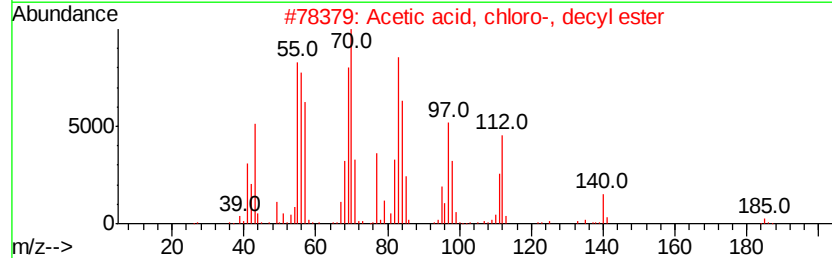
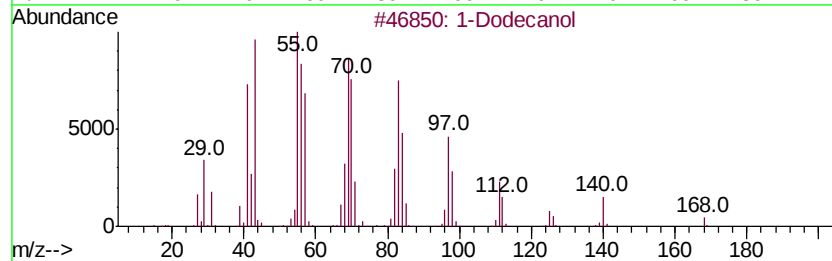
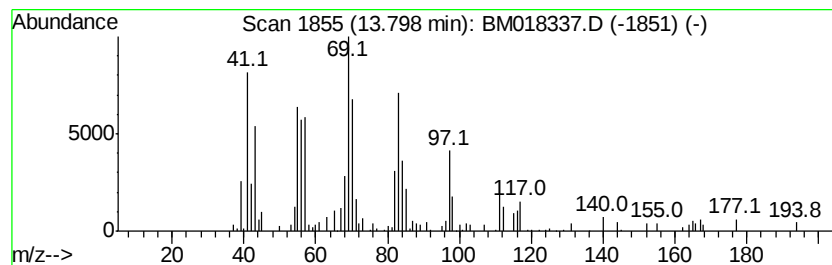
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Dodecanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	3.34 ng	233773	Acenaphthene-d10	14.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	76
2	Acetic acid, chloro-, decyl ester	234	C12H23ClO2	006974-05-6	62
3	Cyclodecane	140	C10H20	000293-96-9	60
4	Decane, 3-chloro-	176	C10H21Cl	001002-11-5	52
5	1-Tridecanol	200	C13H28O	000112-70-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
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Operator : JU/SJ
Sample : J6389-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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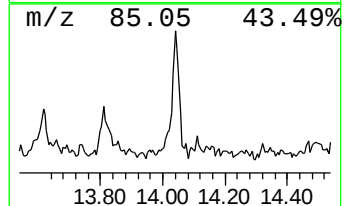
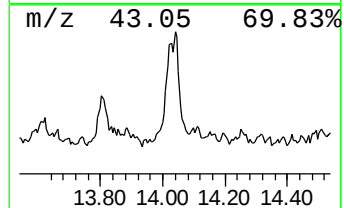
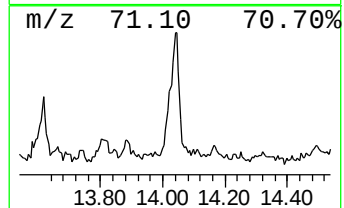
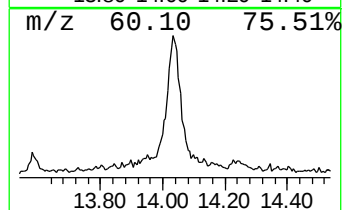
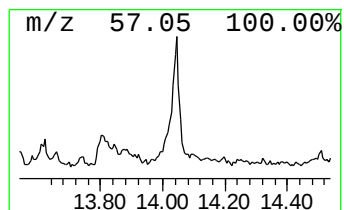
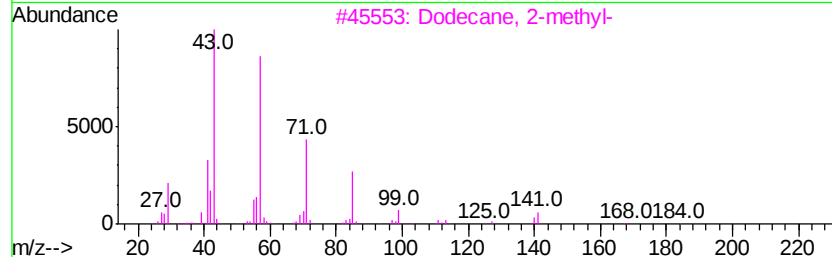
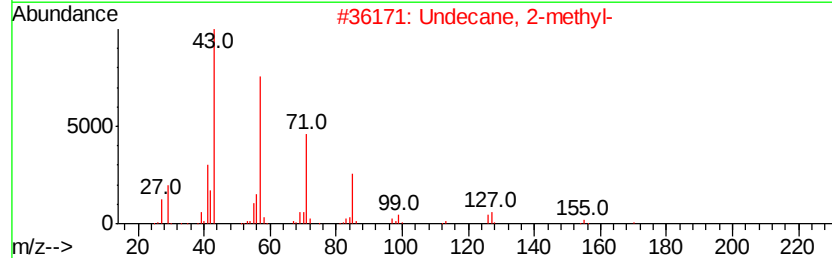
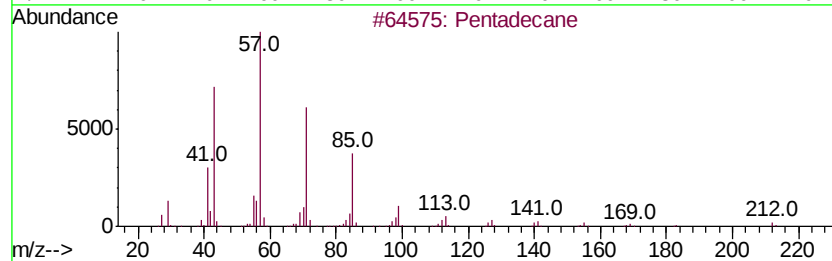
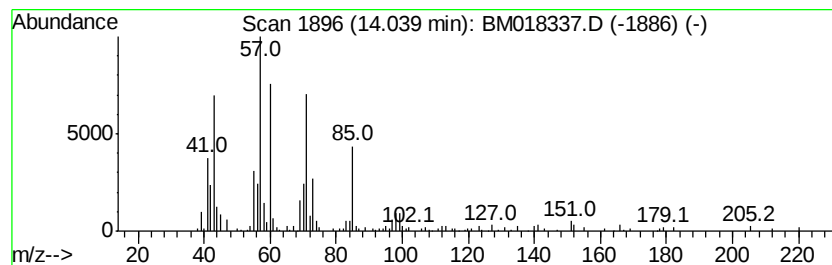
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	7.20 ng	504220	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	43
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	38
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	35
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
Acq On : 20 Dec 2018 19:21
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ALS Vial : 8 Sample Multiplier: 1

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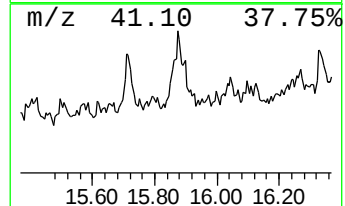
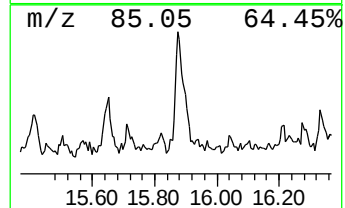
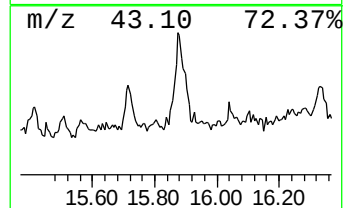
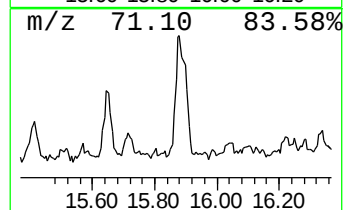
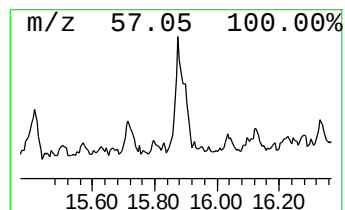
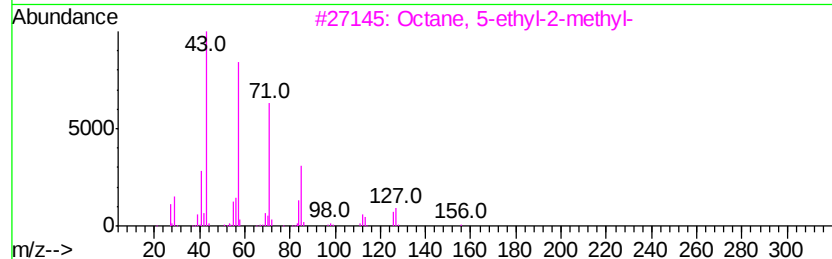
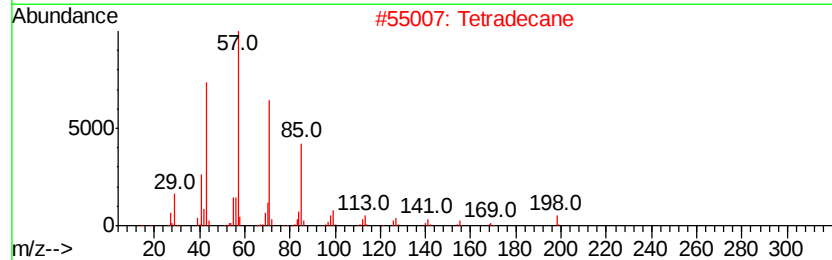
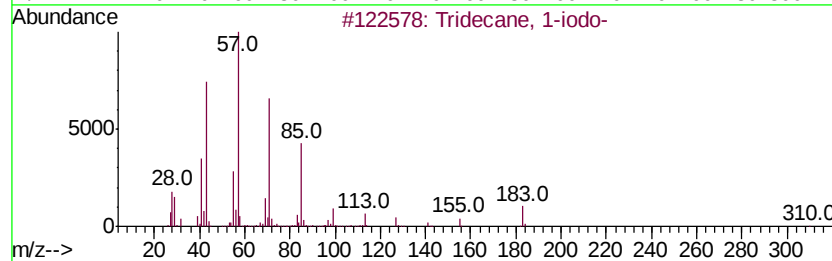
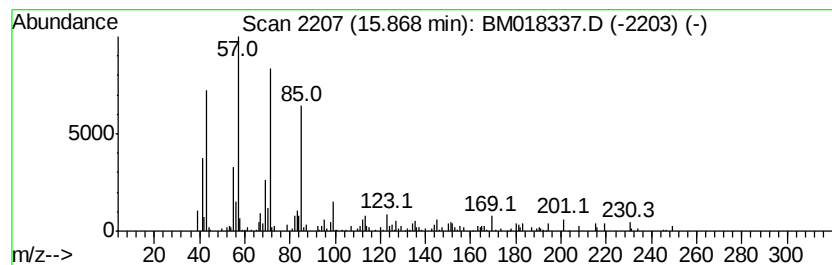
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.42 ng	329741	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
4		Eicosane	282	C20H42	000112-95-8	78
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
Acq On : 20 Dec 2018 19:21
Operator : JU/SJ
Sample : J6389-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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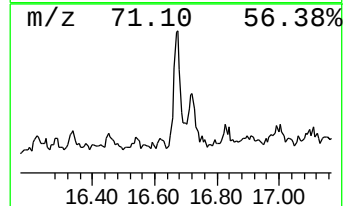
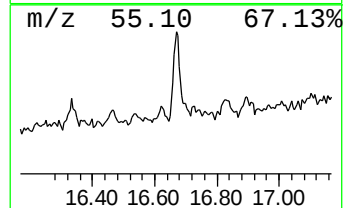
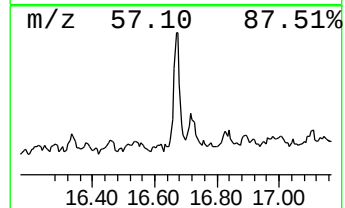
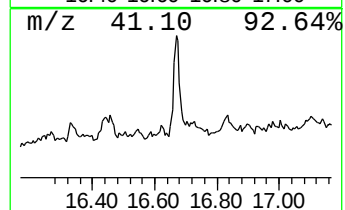
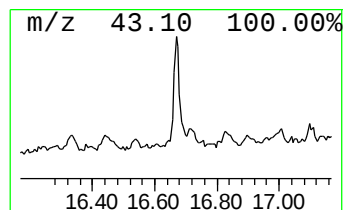
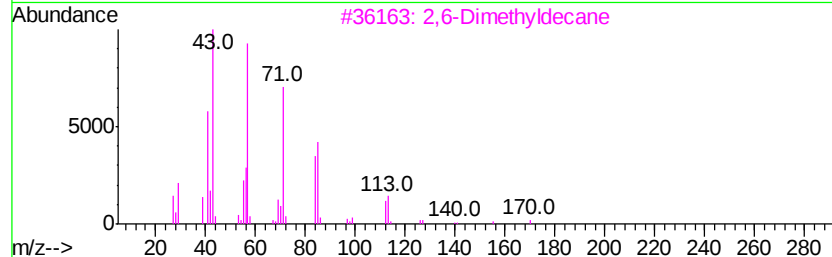
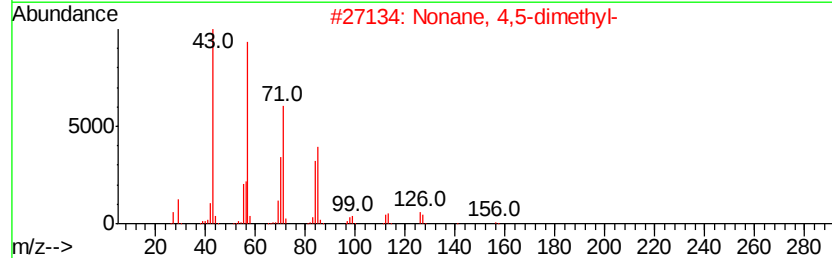
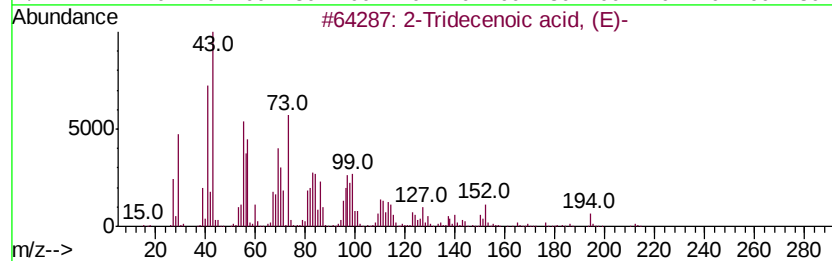
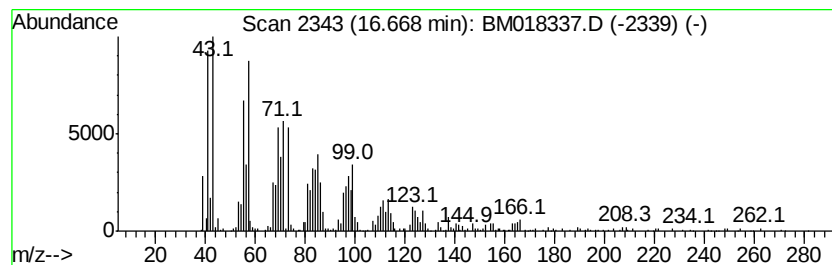
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	9.41 ng	701448	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tridecenoic acid, (E)-	212	C13H24O2	032466-55-0	49
2		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	42
4		2-Nonenoic acid	156	C9H16O2	003760-11-0	42
5		Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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ALS Vial : 8 Sample Multiplier: 1

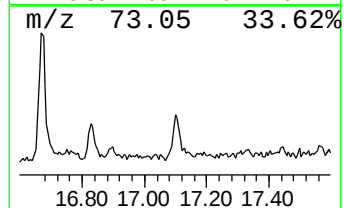
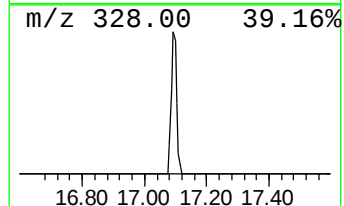
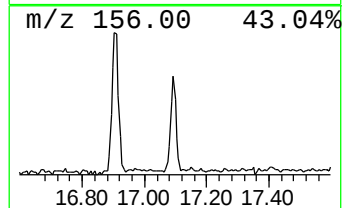
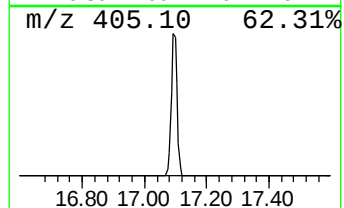
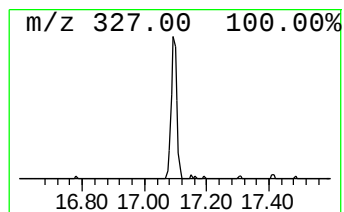
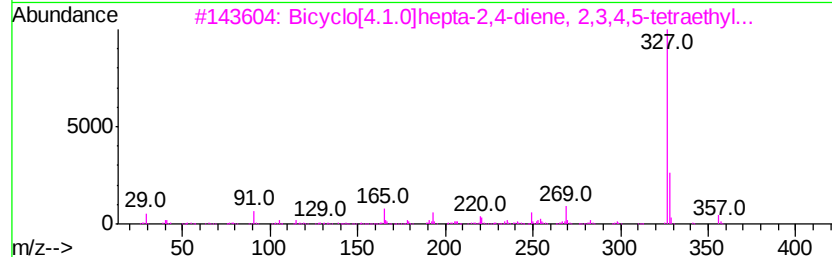
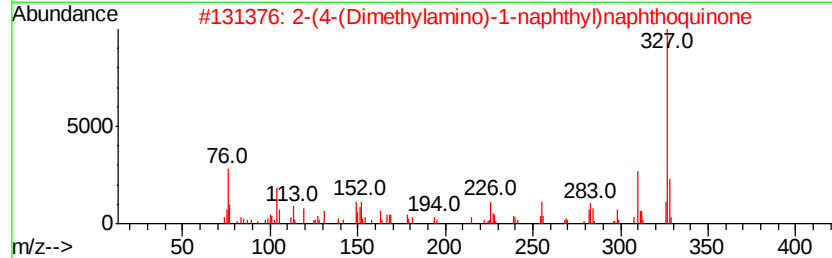
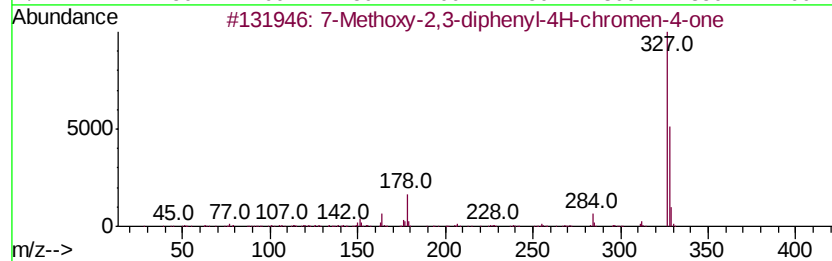
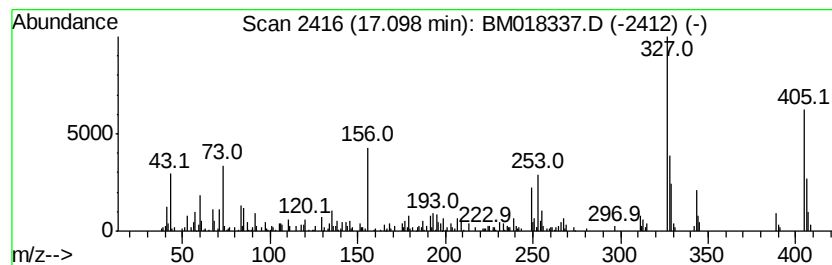
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.10	3.35 ng	249466	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxy-2,3-diphenyl-4H-chrome...	328	C22H16O3	018720-69-9	27
2	2-(4-(Dimethylamino)-1-naphthyl)...	327	C22H17N02	085808-66-8	22
3	Bicyclo[4.1.0]hepta-2,4-diene, 2...	356	C27H32	1000158-07-0	16
4	12,13-Dihydro-12-methyl-13,14-di...	327	C21H13N03	059050-19-0	14
5	Coumarin, 3-(3,4-dimethoxyphenyl)...	327	C17H13N06	331949-94-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
Acq On : 20 Dec 2018 19:21
Operator : JU/SJ
Sample : J6389-03
Misc :
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ClientSampleId :
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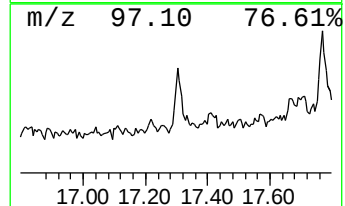
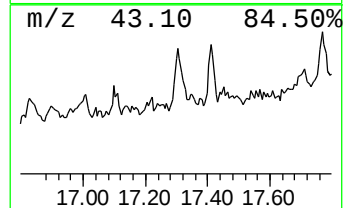
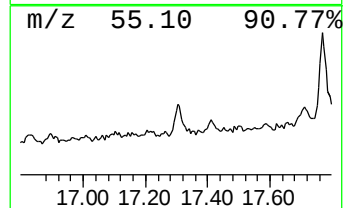
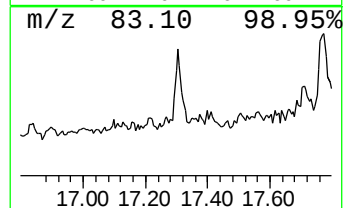
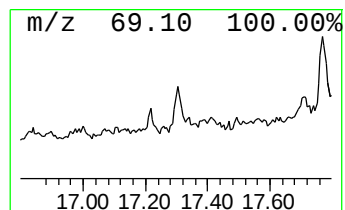
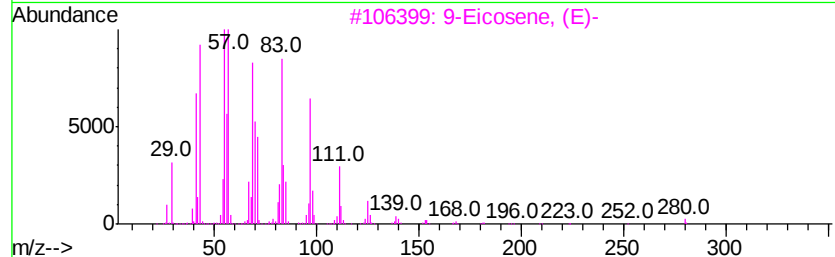
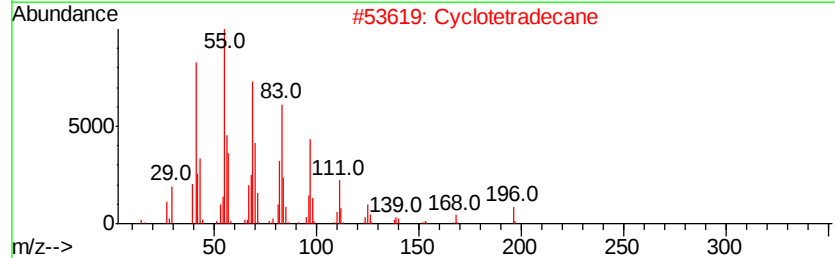
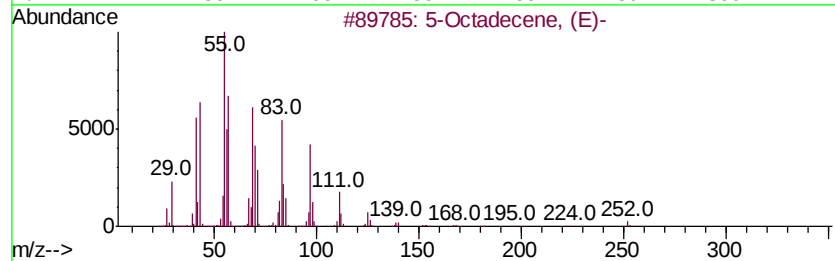
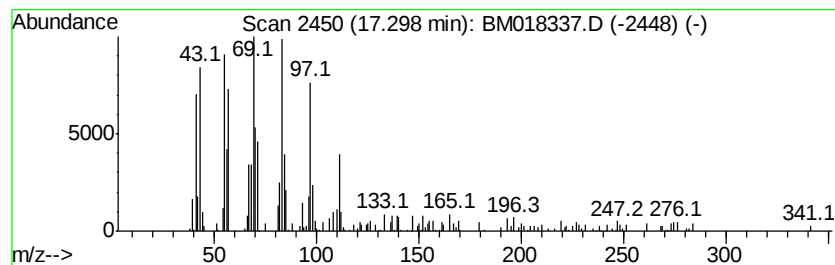
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5-Octadecene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	3.36 ng	250789	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2		Cyclotetradecane	196	C14H28	000295-17-0	91
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
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Sample : J6389-03
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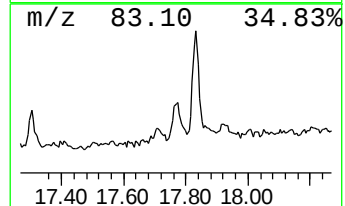
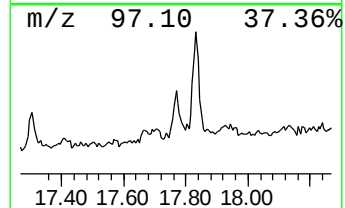
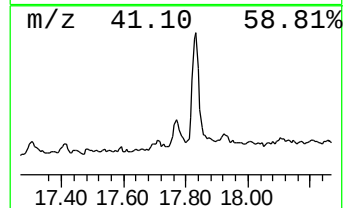
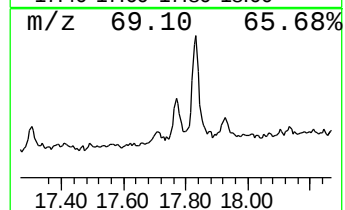
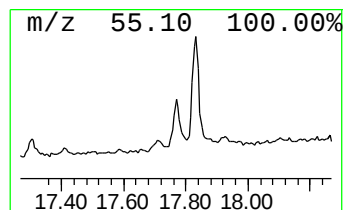
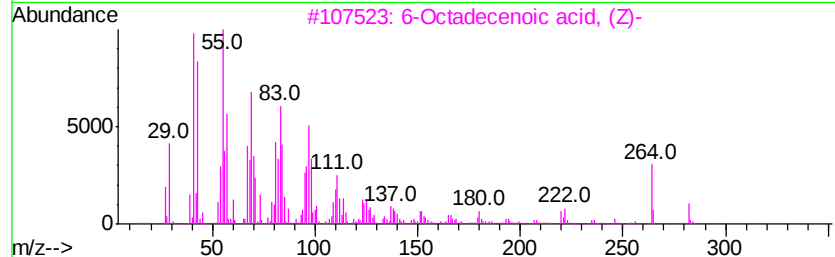
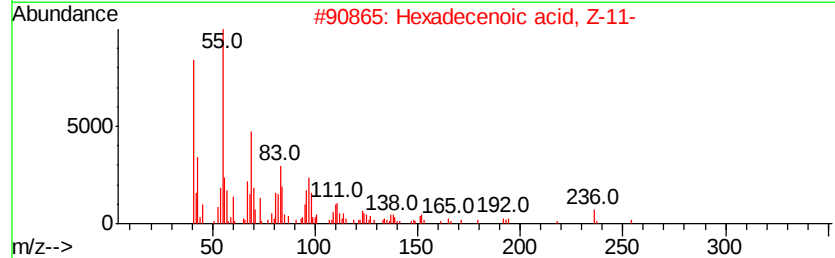
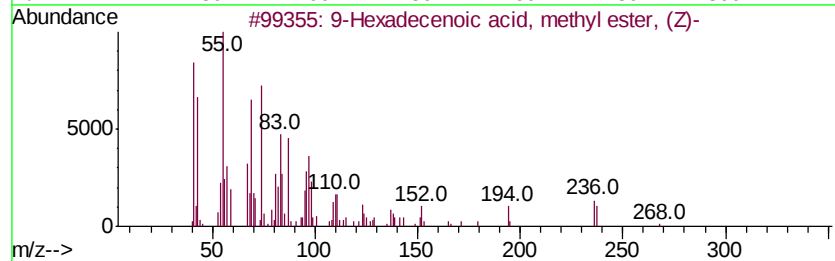
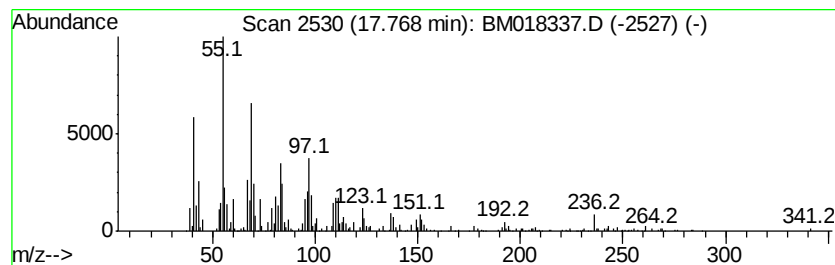
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Hexadecenoic acid, methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.77	6.10 ng	455027	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	86
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	81
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	72
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	72
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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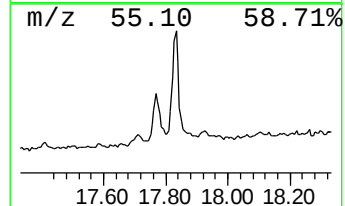
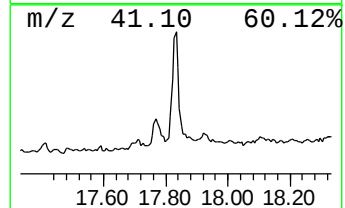
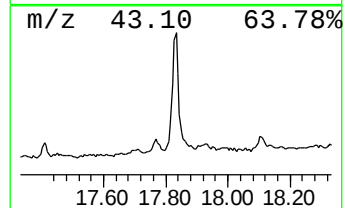
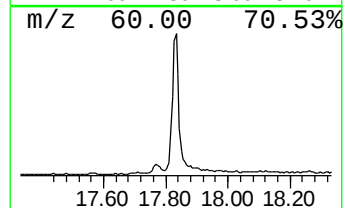
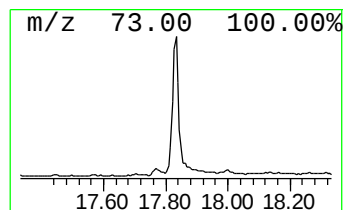
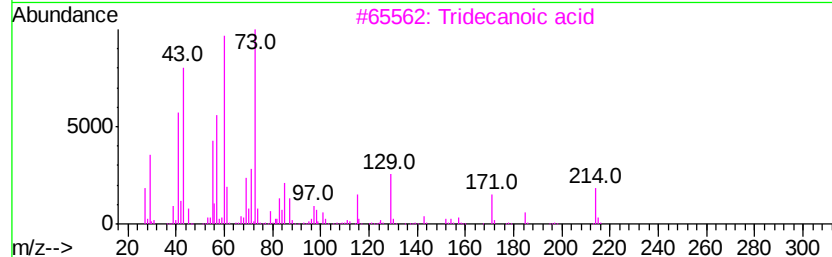
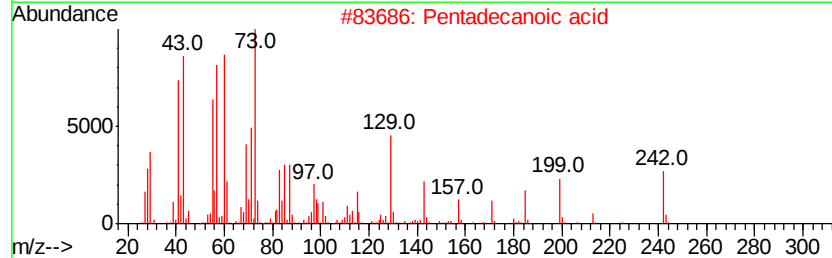
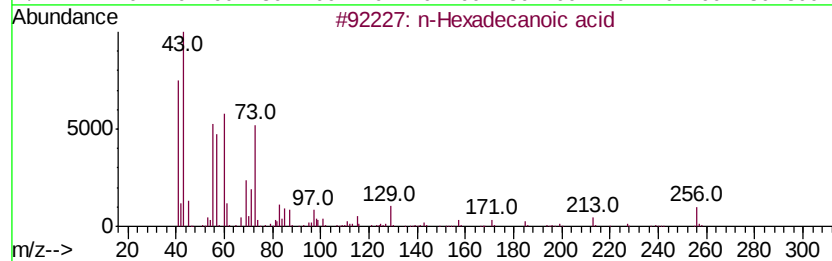
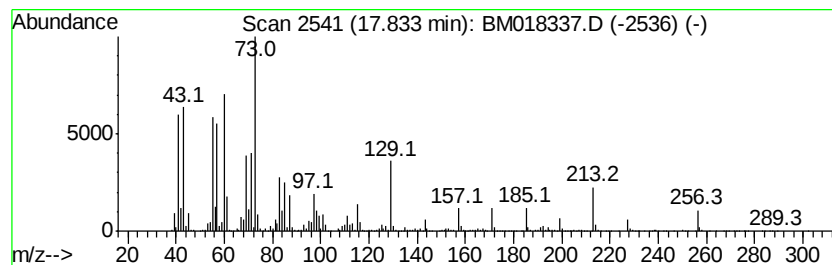
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	29.69 ng	2213810	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Tetradecane	198	C14H30	000629-59-4	18
5		Tritetracontane	605	C43H88	007098-21-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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Operator : JU/SJ
Sample : J6389-03
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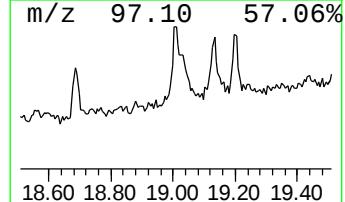
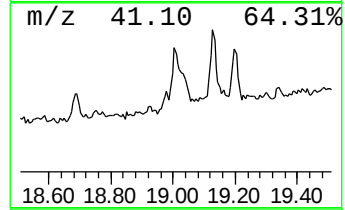
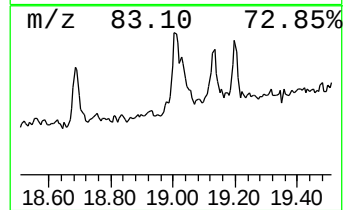
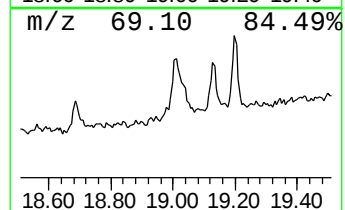
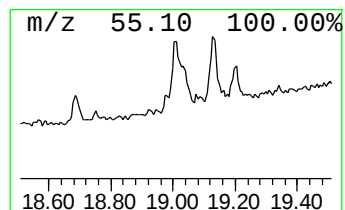
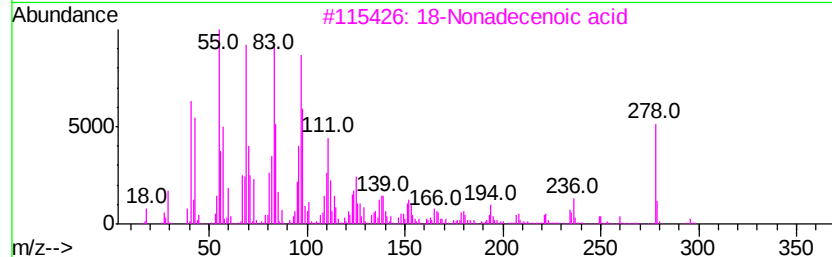
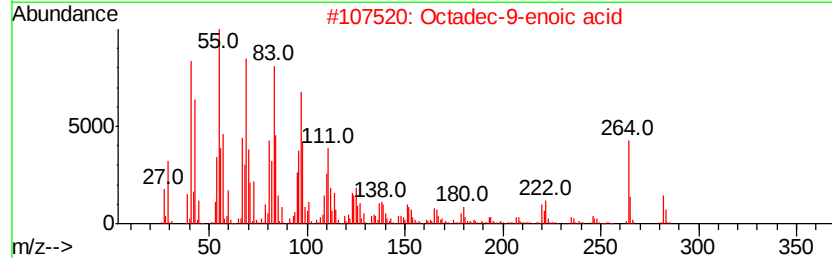
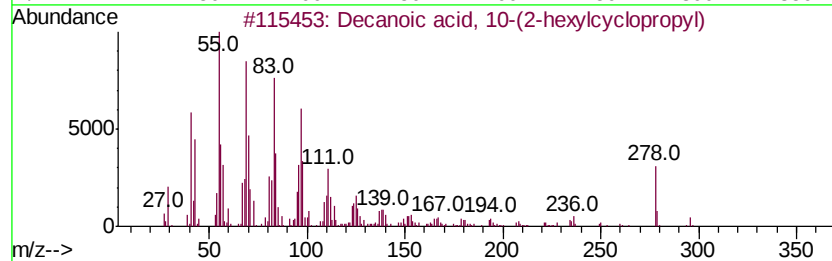
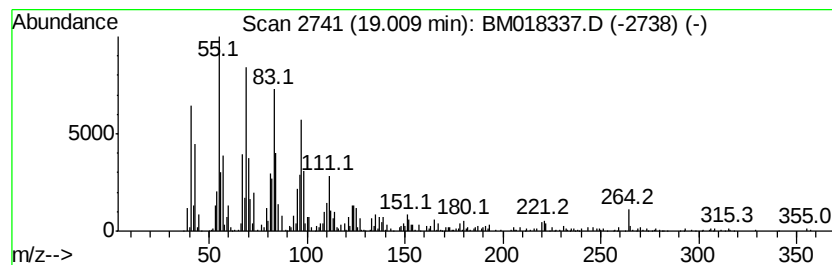
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decanoic acid, 10-(2-hexylc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.01	17.89 ng	1334010	Phenanthrene-d10	16.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decanoic acid, 10-(2-hexylcvclop...	296	C19H36O2	1000197-99-5	90
2		Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	89
3		18-Nonadecenoic acid	296	C19H36O2	076998-87-3	87
4		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87
5		14-Pentadecenoic acid	240	C15H28O2	017351-34-7	64



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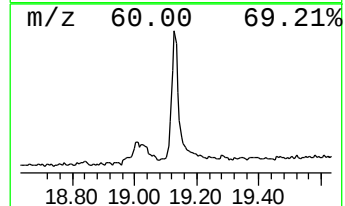
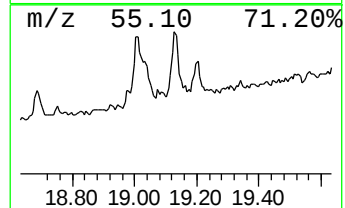
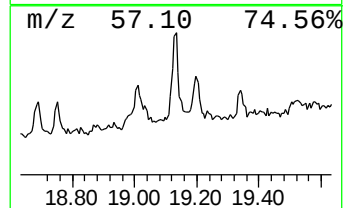
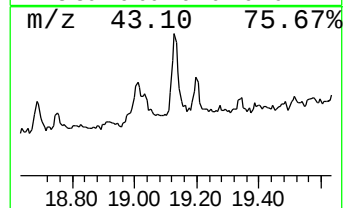
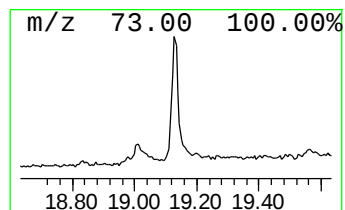
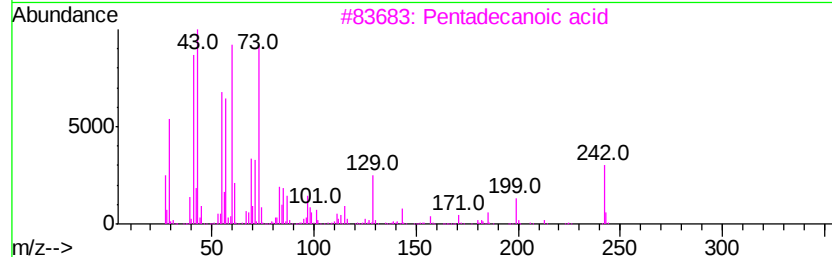
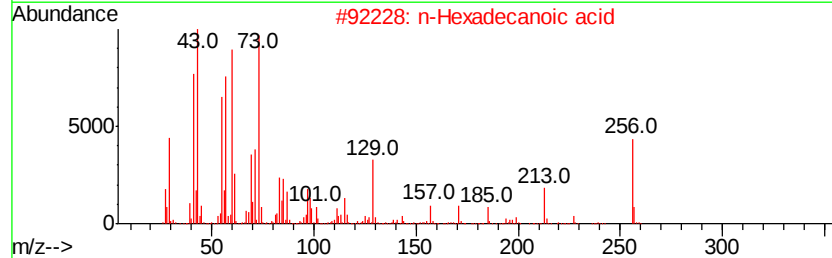
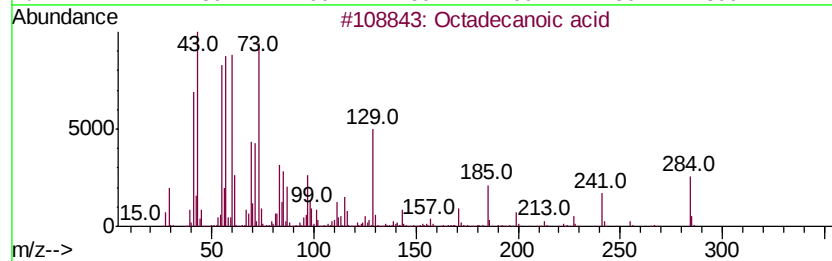
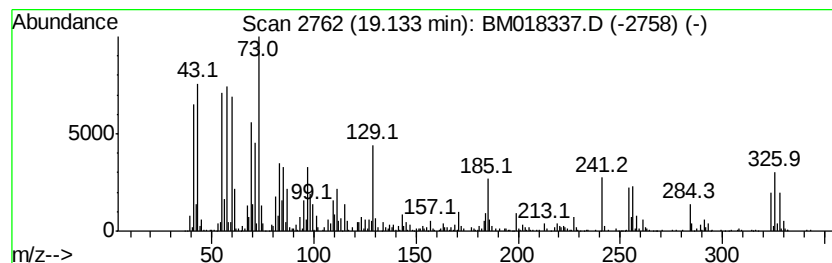
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.13	19.50 ng	1261320	Chrysene-d12	21.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	66
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	41
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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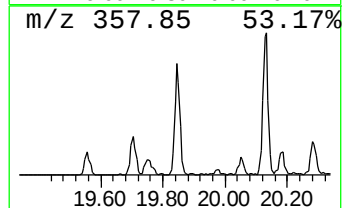
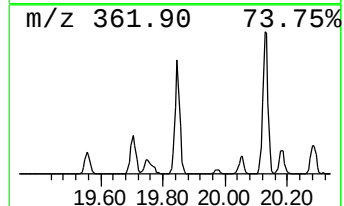
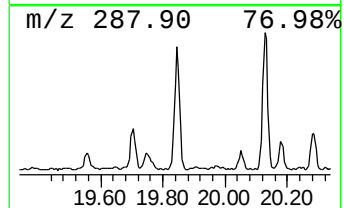
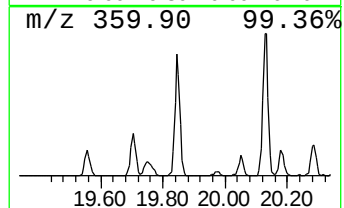
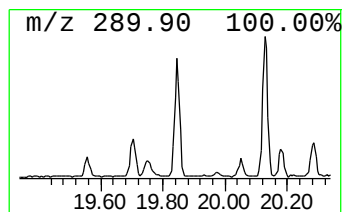
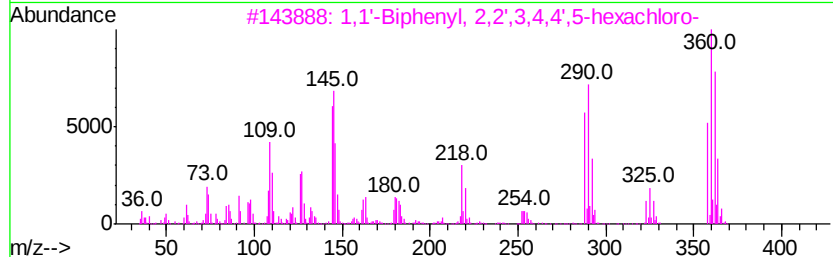
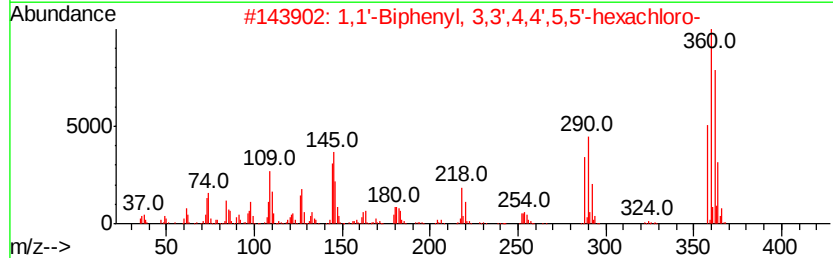
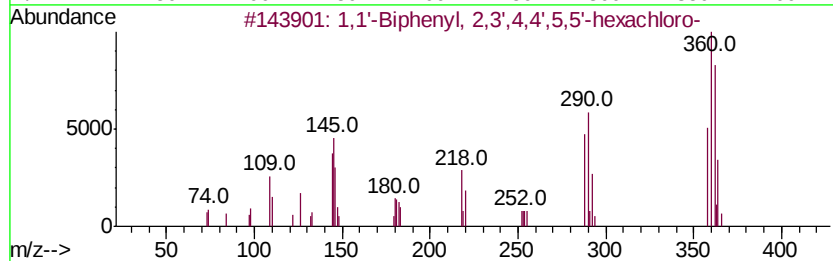
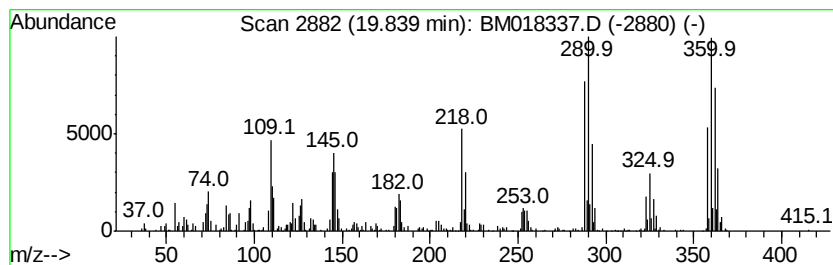
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	18.54 ng	1199010	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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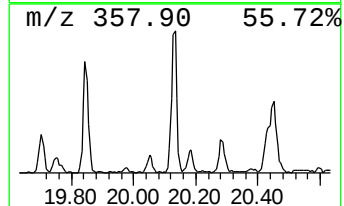
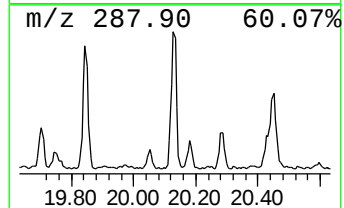
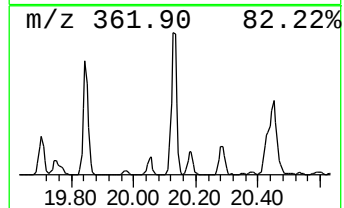
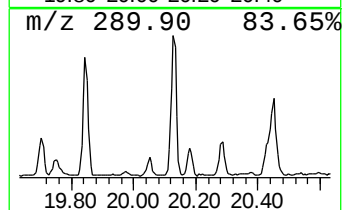
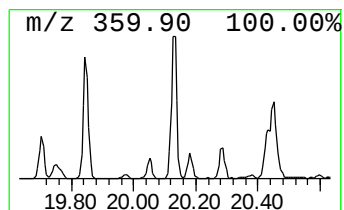
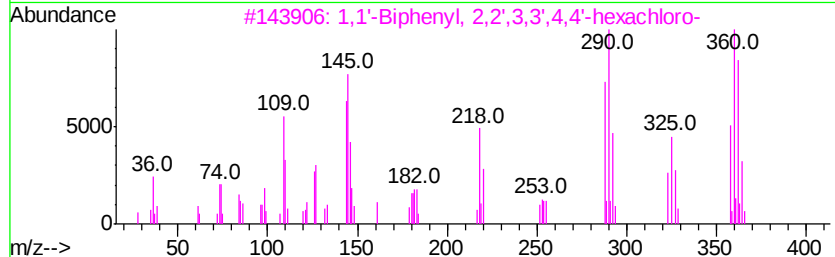
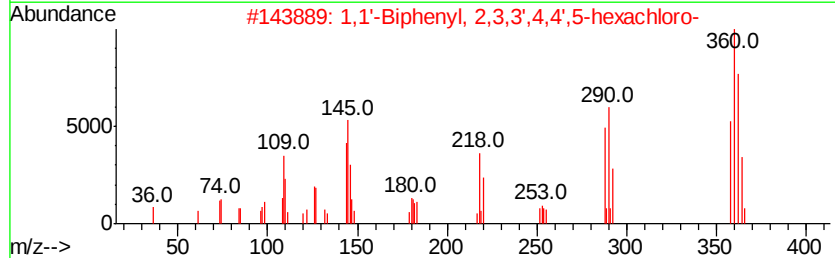
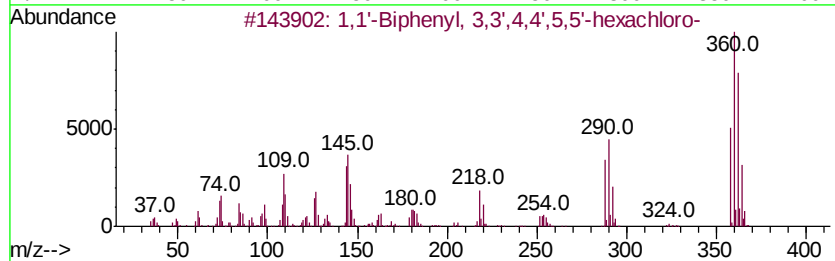
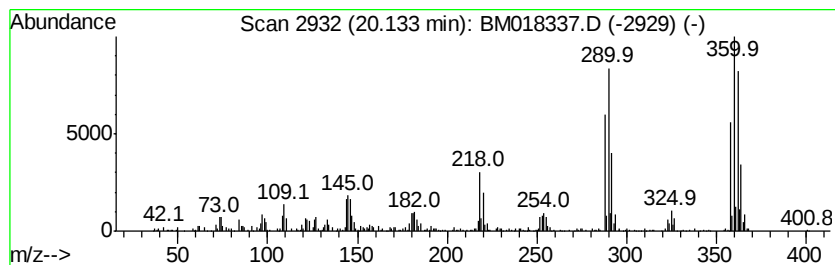
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	15.79 ng	1021130	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
4		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018337.D
Acq On : 20 Dec 2018 19:21
Operator : JU/SJ
Sample : J6389-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1218-01

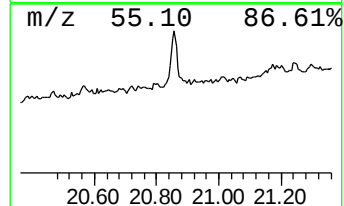
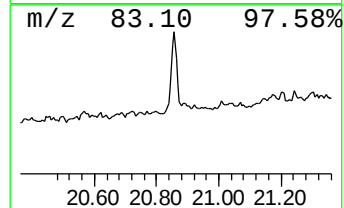
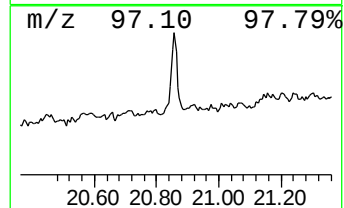
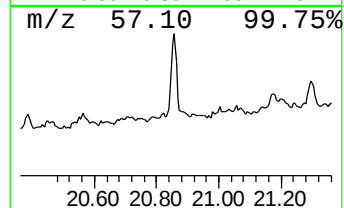
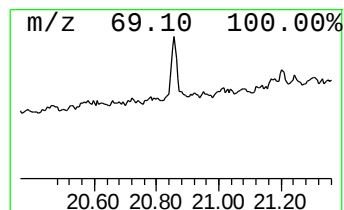
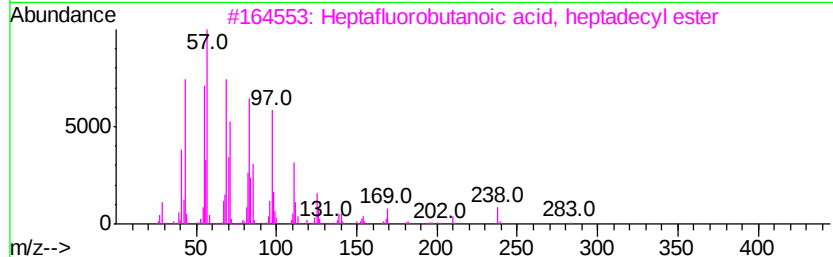
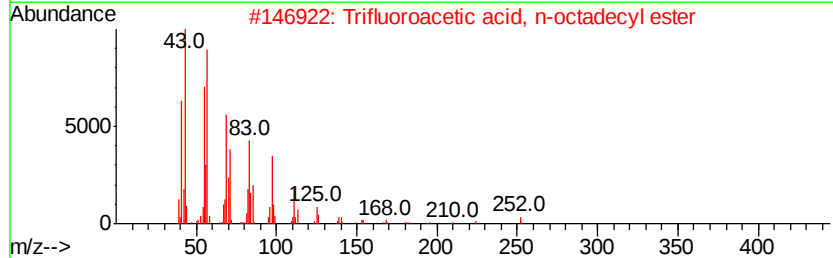
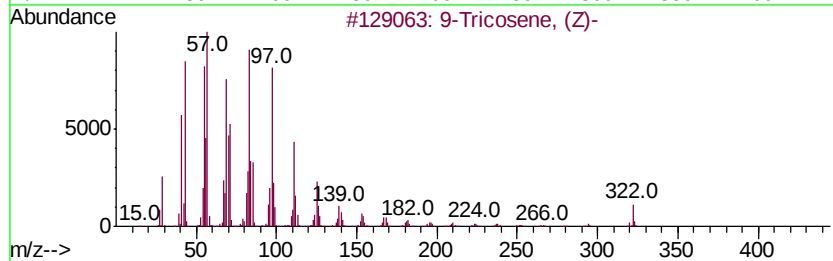
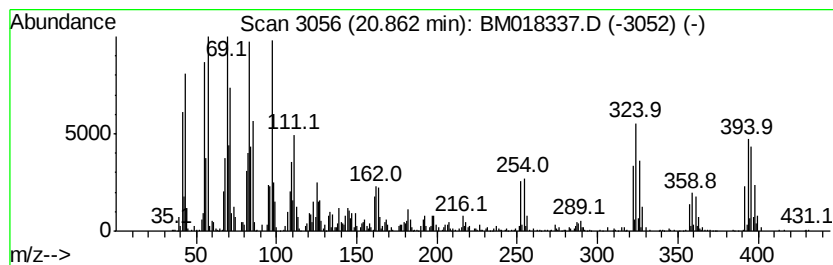
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	28.12 ng	1818320	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	90
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	86
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018337.D
 Acq On : 20 Dec 2018 19:21
 Operator : JU/SJ
 Sample : J6389-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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
unknown3.36	3.36	3.2 ng		166138	1	7.48	1047440	20.0
2-Pentanone, 4-hy...	4.67	3.0 ng		157398	1	7.48	1047440	20.0
2-Butenoic acid, ...	6.12	2.9 ng		153831	1	7.48	1047440	20.0
unknown7.03	7.03	79.4 ng		4159900	1	7.48	1047440	20.0
unknown11.07	11.07	2.3 ng		151518	2	10.25	1310810	20.0
Ethyl cyclopropan...	11.96	3.8 ng		247551	2	10.25	1310810	20.0
1-Dodecanol	13.80	3.3 ng		233773	3	14.14	1401370	20.0
unknown14.04	14.04	7.2 ng		504220	3	14.14	1401370	20.0
Tridecane, 1-iodo-	15.87	4.4 ng		329741	4	16.90	1491320	20.0
unknown16.67	16.67	9.4 ng		701448	4	16.90	1491320	20.0
unknown17.10	17.10	3.4 ng		249466	4	16.90	1491320	20.0
5-Octadecene, (E)-	17.30	3.4 ng		250789	4	16.90	1491320	20.0
9-Hexadecenoic ac...	17.77	6.1 ng		455027	4	16.90	1491320	20.0
n-Hexadecanoic acid	17.83	29.7 ng		2213810	4	16.90	1491320	20.0
Decanoic acid, 10...	19.01	17.9 ng		1334010	4	16.90	1491320	20.0
Octadecanoic acid	19.13	19.5 ng		1261320	5	21.13	1293430	20.0
1,1'-Biphenyl, 2,...	19.84	18.5 ng		1199010	5	21.13	1293430	20.0
1,1'-Biphenyl, 3,...	20.13	15.8 ng		1021130	5	21.13	1293430	20.0
9-Tricosene, (Z)-	20.86	28.1 ng		1818320	5	21.13	1293430	20.0