

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018474.D
 Acq On : 09 Jan 2019 15:52
 Operator : JU/SJ
 Sample : K1088-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-04(20-25)

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-BM010919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	303	308	317	rVB	347342	480791	1.74%	0.248%
2	5.351	379	385	402	rVB	8478380	12079104	43.82%	6.233%
3	6.940	647	655	672	rBV	8178902	13286418	48.21%	6.856%
4	7.298	708	716	731	rBV	8885626	13980419	50.72%	7.214%
5	7.763	788	795	801	rBV	1935596	3059352	11.10%	1.579%
6	8.081	841	849	858	rVB	6582381	10619946	38.53%	5.480%
7	8.928	983	993	1003	rBV	4948984	8115166	29.44%	4.187%
8	10.551	1261	1269	1278	rBV	2504586	4171959	15.14%	2.153%
9	13.027	1682	1690	1697	rBV	12643541	18958009	68.78%	9.782%
10	13.863	1827	1832	1839	rBV	1579963	2261790	8.21%	1.167%
11	14.410	1919	1925	1931	rVB2	3617157	5540124	20.10%	2.859%
12	14.474	1931	1936	1938	rBV	165999	276521	1.00%	0.143%
13	14.804	1988	1992	2001	rVB6	176942	343064	1.24%	0.177%
14	15.651	2132	2136	2144	rVB	720770	1109572	4.03%	0.573%
15	15.904	2173	2179	2185	rBV	9715157	13515746	49.04%	6.974%
16	16.133	2213	2218	2223	rBV	1699103	2560066	9.29%	1.321%
17	16.951	2352	2357	2368	rVB	2879288	4637692	16.83%	2.393%
18	17.157	2387	2392	2397	rBV2	4646558	6965700	25.27%	3.594%
19	17.562	2457	2461	2467	rBV	858900	1334460	4.84%	0.689%
20	18.057	2539	2545	2555	rBV	7391719	12124096	43.99%	6.256%
21	19.139	2726	2729	2734	rBV2	861151	1251398	4.54%	0.646%
22	19.339	2758	2763	2773	rBV	9288266	14666023	53.21%	7.567%
23	19.792	2835	2840	2847	rVB	22532779	27562220	100.00%	14.222%
24	21.356	3102	3106	3111	rVB	6018146	7472372	27.11%	3.856%
25	23.644	3489	3495	3506	rVB	3756788	7434041	26.97%	3.836%

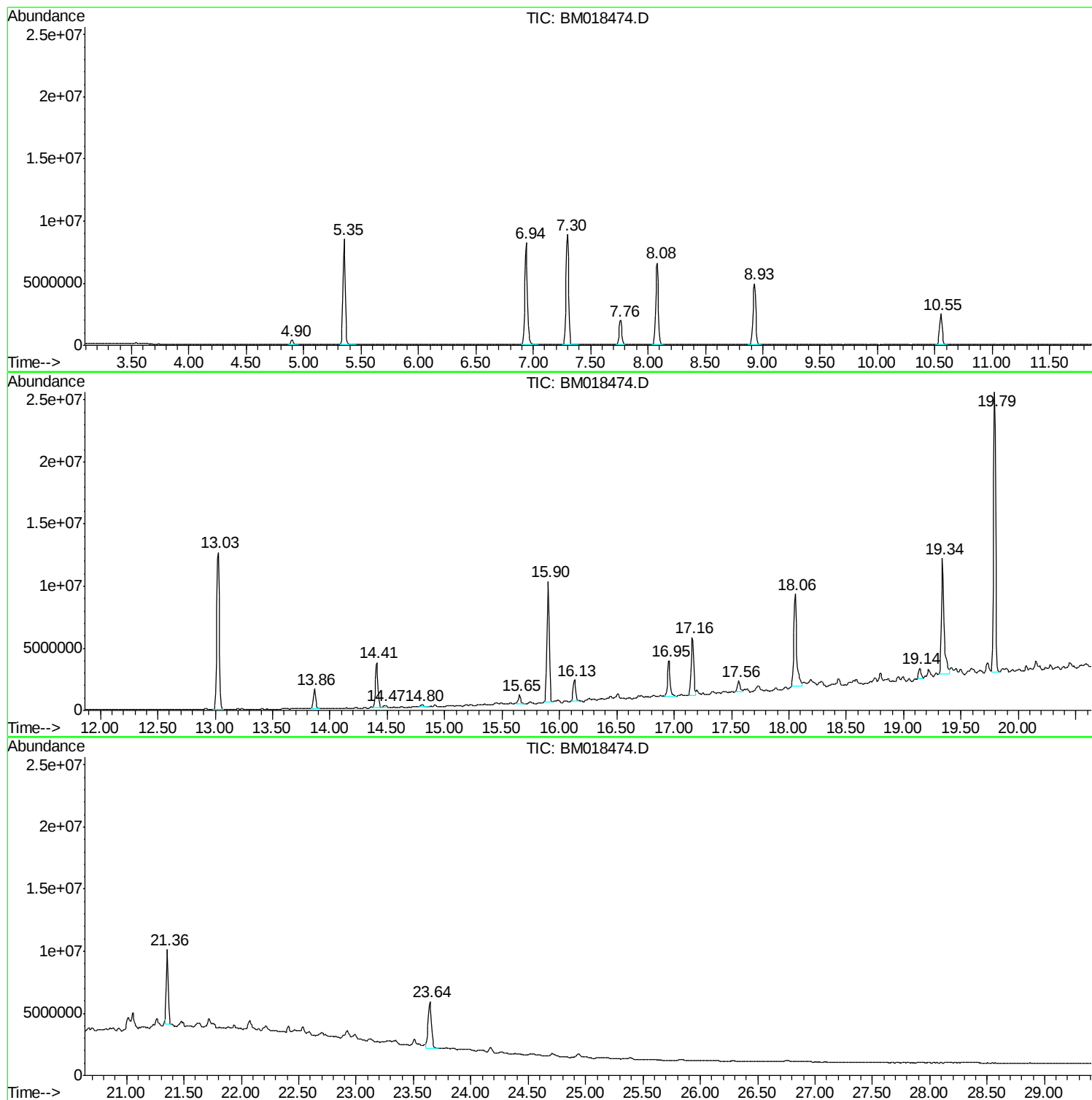
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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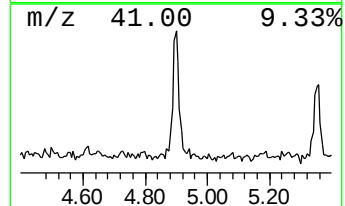
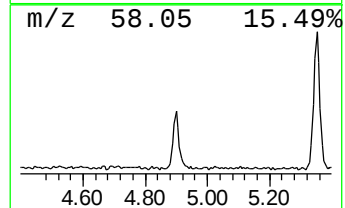
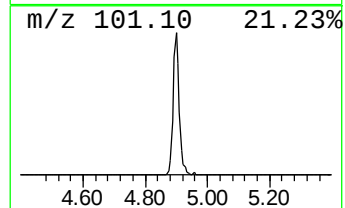
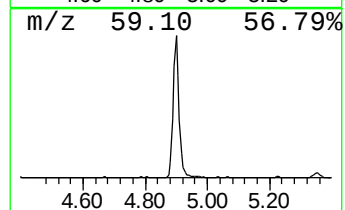
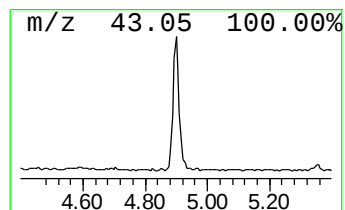
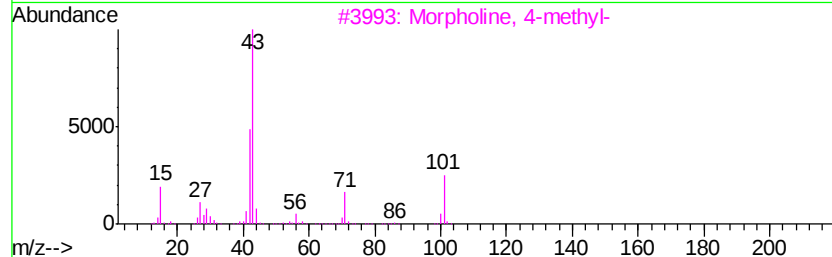
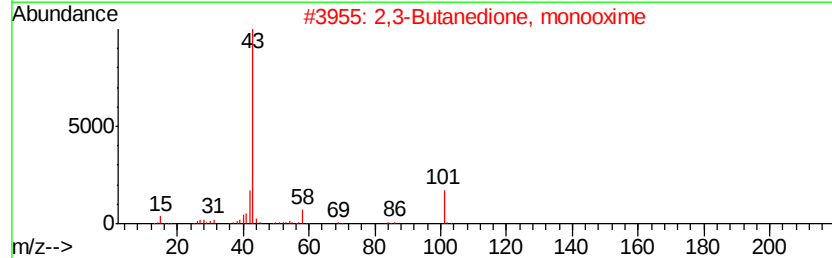
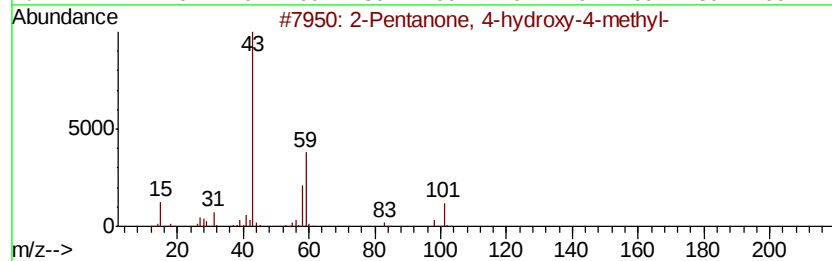
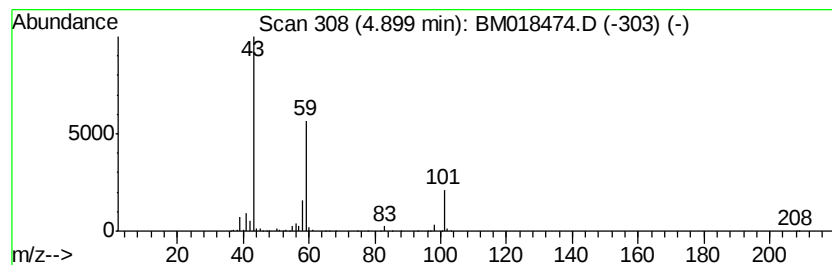
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	3.14 ng	480791	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9



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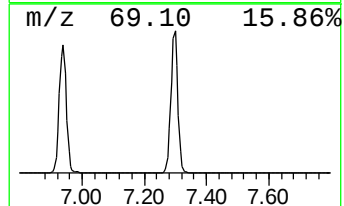
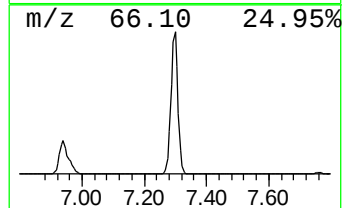
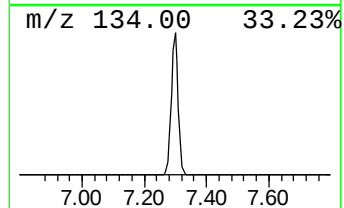
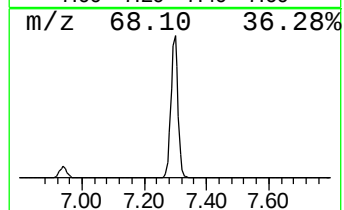
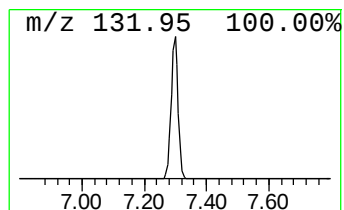
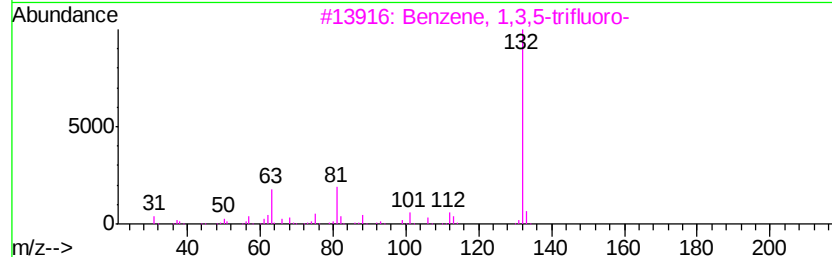
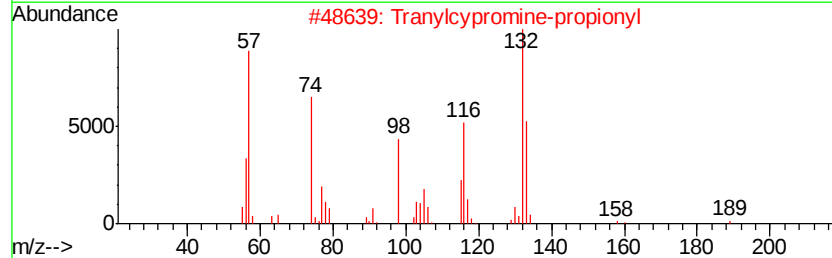
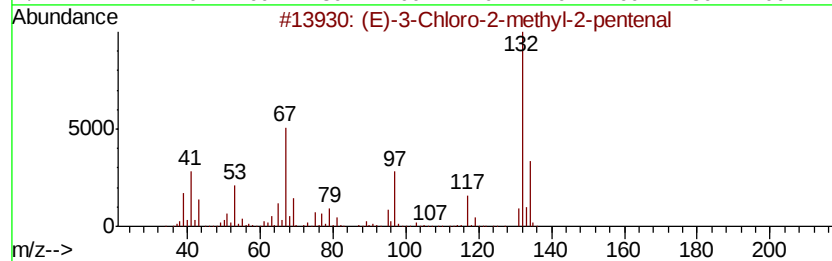
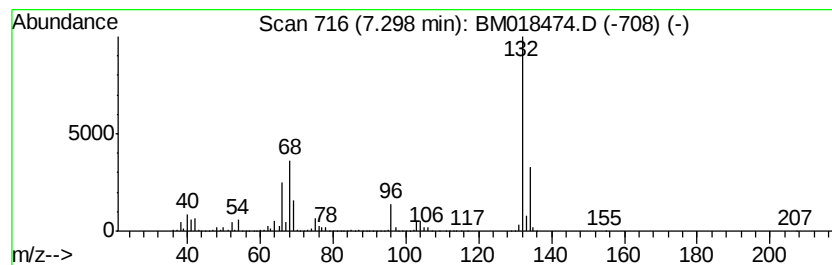
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Peak Number 2 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	91.39 ng	13980400	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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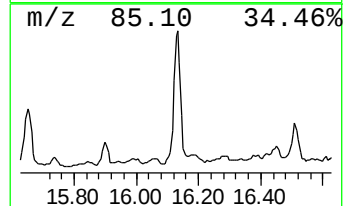
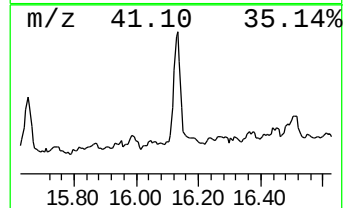
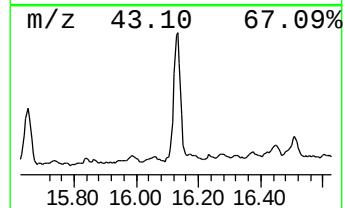
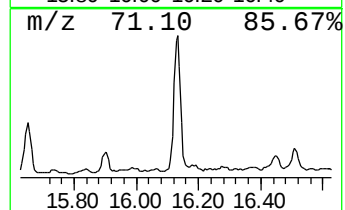
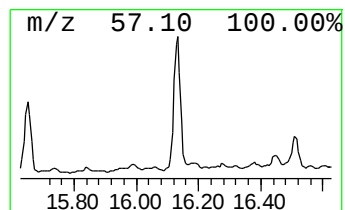
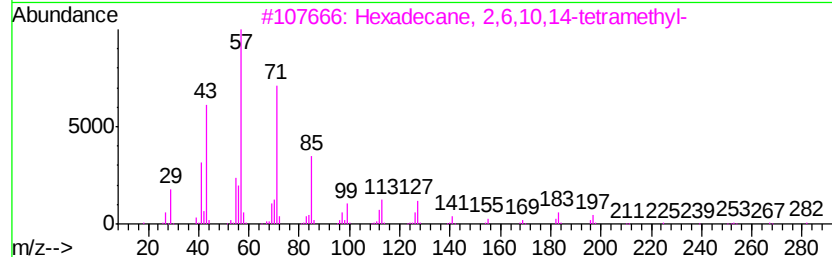
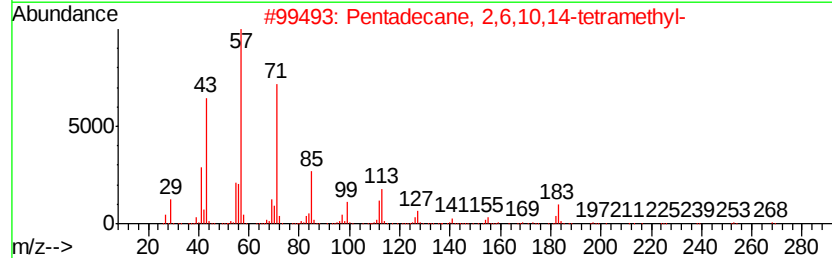
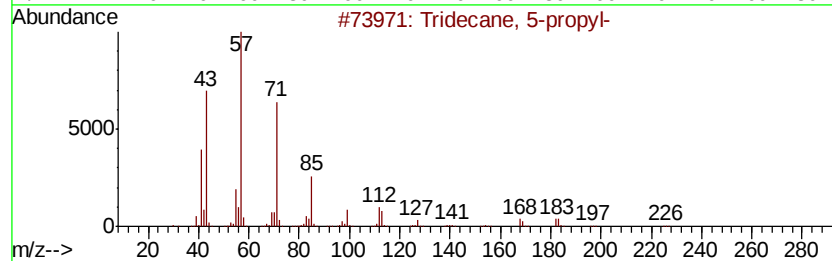
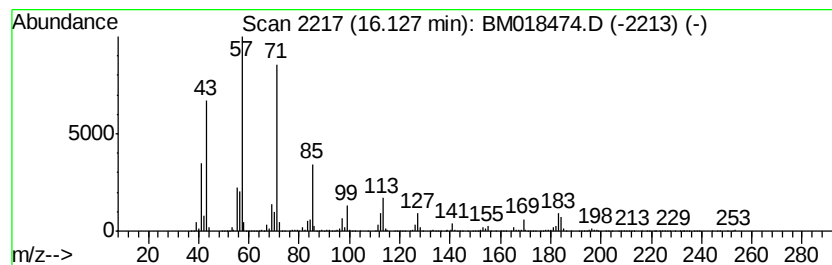
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Peak Number 5 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.13	7.35 ng	2560070	Phenanthrene-d10	17.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90



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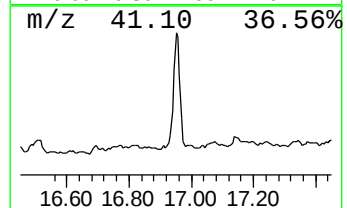
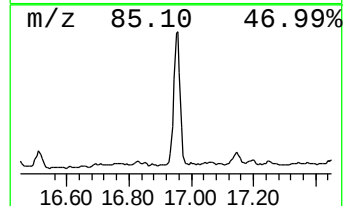
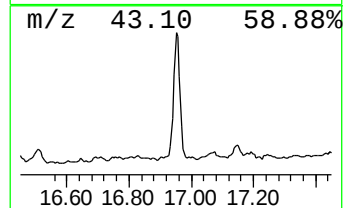
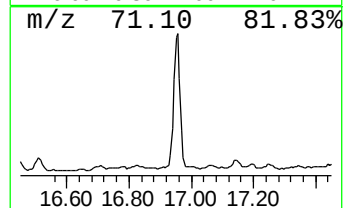
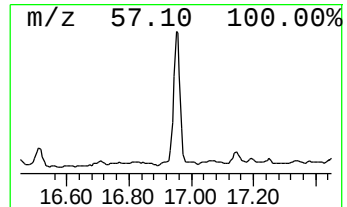
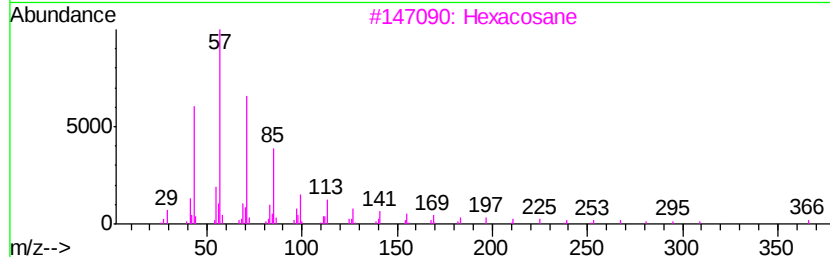
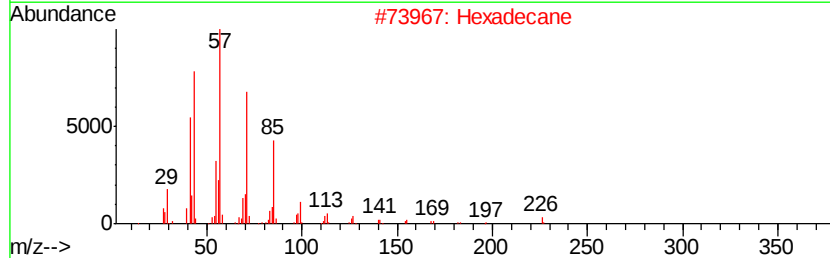
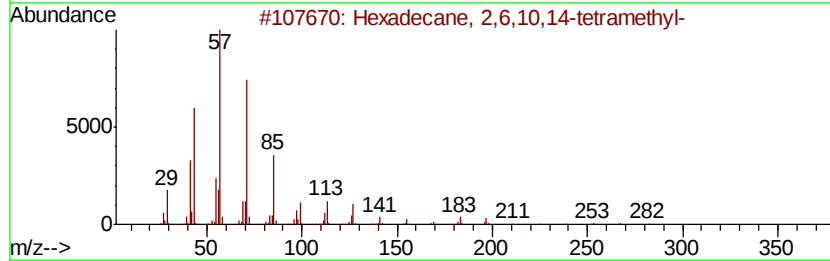
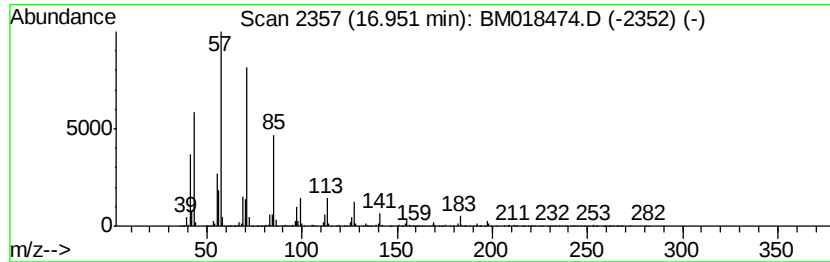
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Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	13.32 ng	4637690	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Decane, 2-methyl-	156	C11H24	006975-98-0	87



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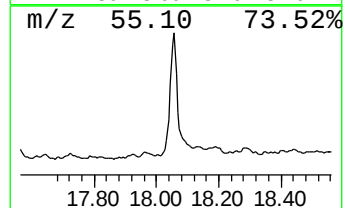
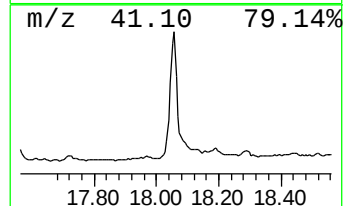
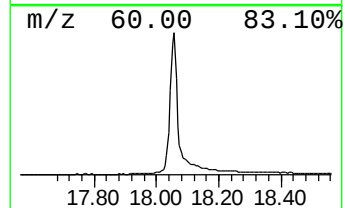
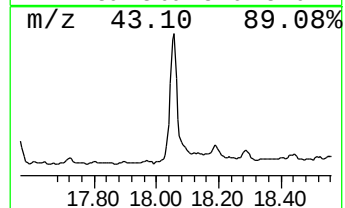
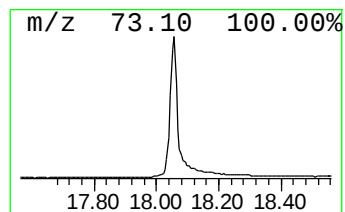
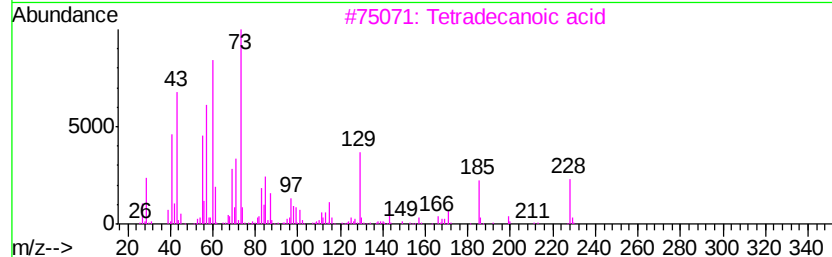
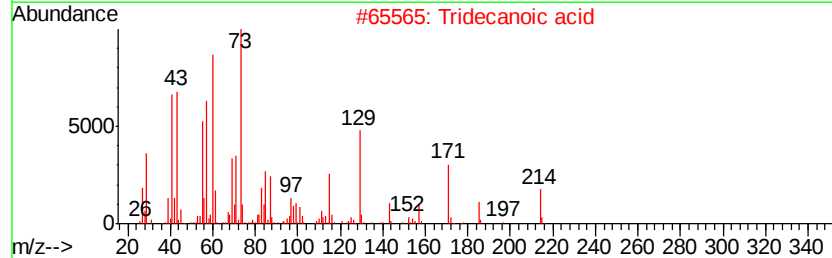
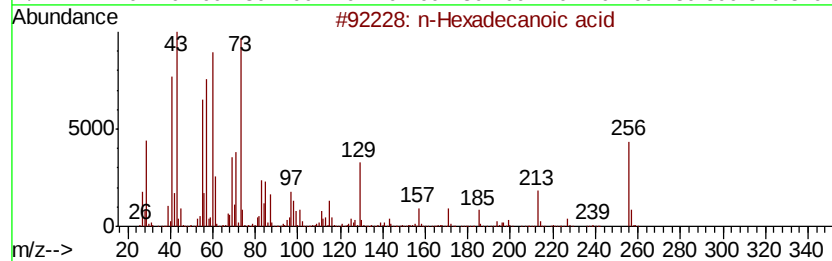
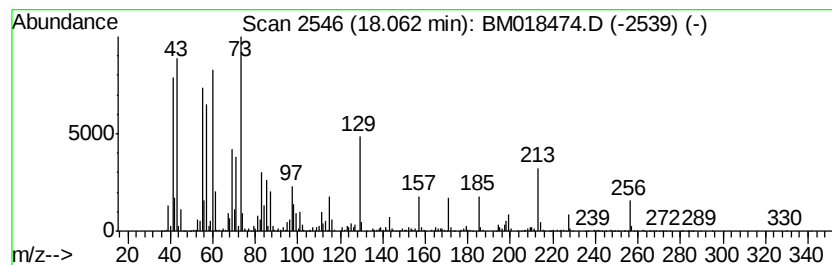
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	34.81 ng	12124100	Phenanthrene-d10	17.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Undecanoic acid	186	C11H22O2	000112-37-8	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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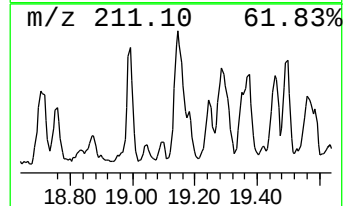
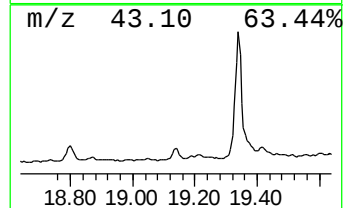
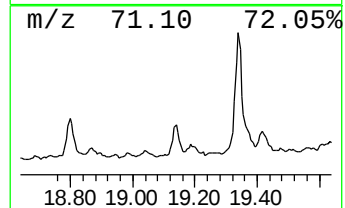
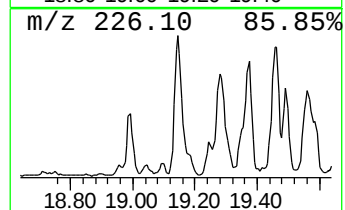
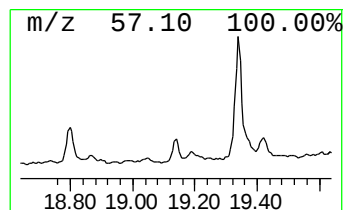
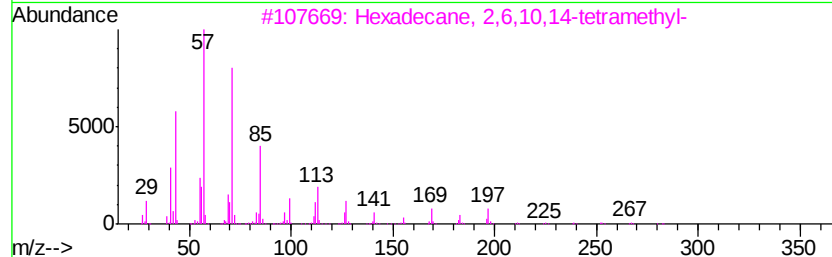
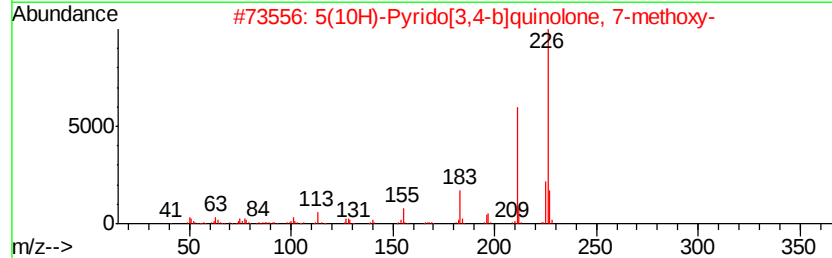
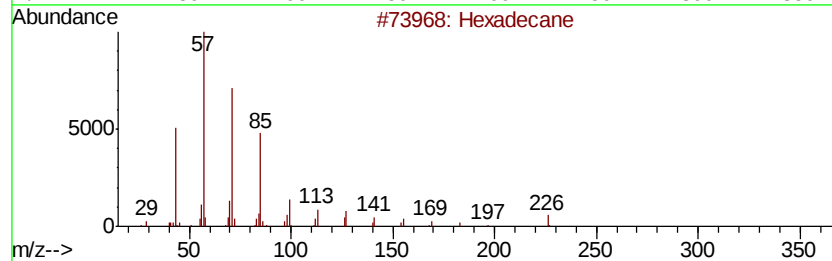
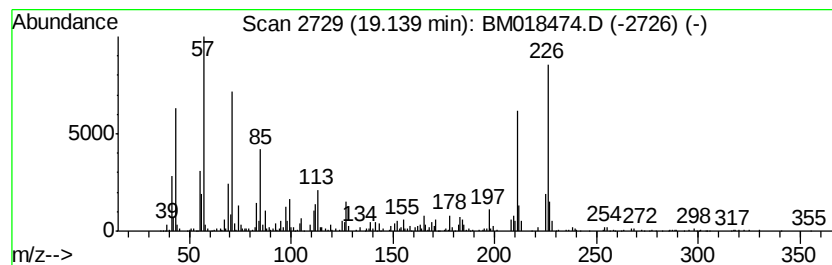
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.59 ng	1251400	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	53
2		5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	53
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4		1,4-Benzenediamine, N-(1-methyl-...	226	C15H18N2	000101-72-4	46
5		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018474.D
Acq On : 09 Jan 2019 15:52
Operator : JU/SJ
Sample : K1088-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-04(20-25)

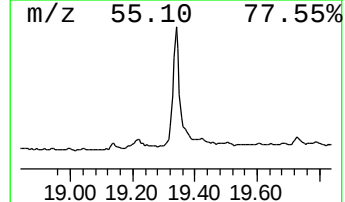
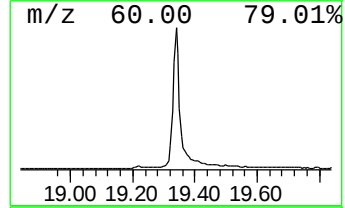
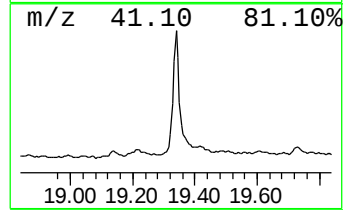
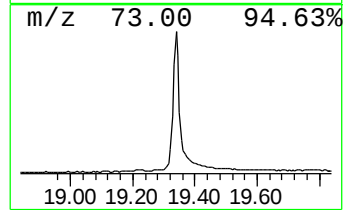
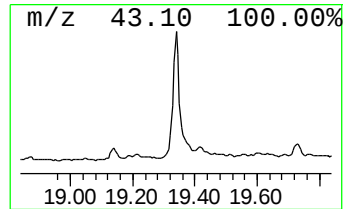
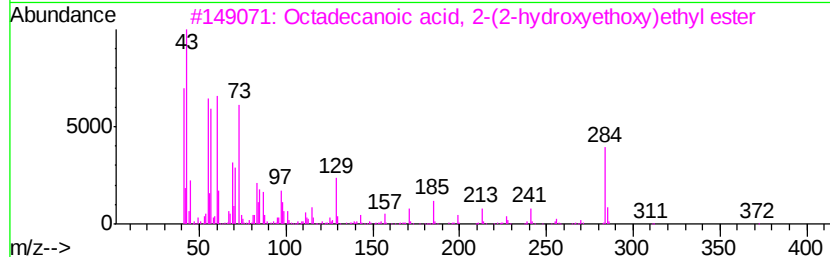
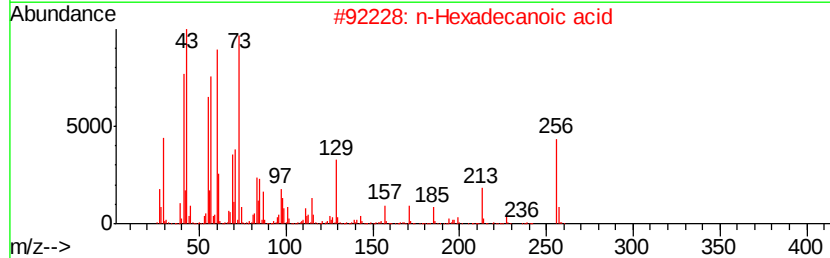
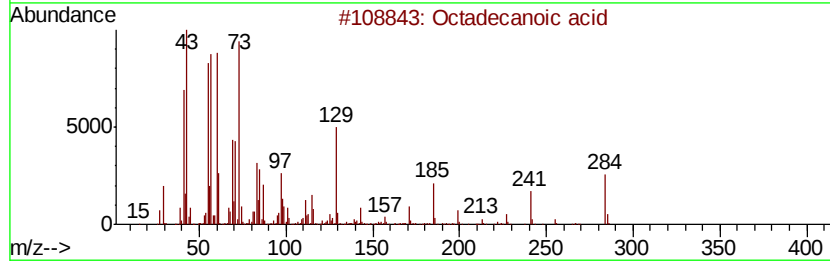
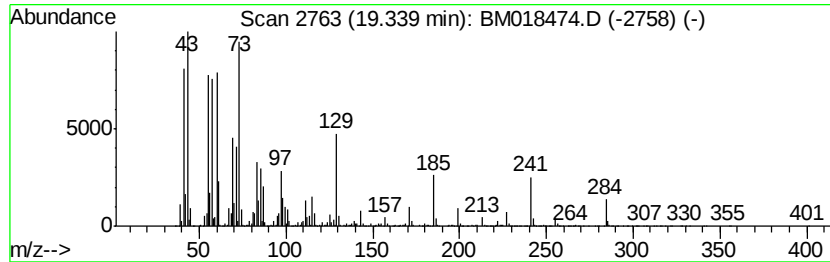
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	39.25 ng	14666000	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010919\
Data File : BM018474.D
Acq On : 09 Jan 2019 15:52
Operator : JU/SJ
Sample : K1088-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-04(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	3.1	ng	480791	1	7.76	3059350	20.0
unknown7.30	7.30	91.4	ng	13980400	1	7.76	3059350	20.0
Tridecane, 5-propyl-	16.13	7.3	ng	2560070	4	17.16	6965700	20.0
Hexadecane, 2,6,1...	16.95	13.3	ng	4637690	4	17.16	6965700	20.0
n-Hexadecanoic acid	18.06	34.8	ng	12124100	4	17.16	6965700	20.0
Hexadecane	19.14	3.6	ng	1251400	4	17.16	6965700	20.0
Octadecanoic acid	19.34	39.3	ng	14666000	5	21.36	7472370	20.0