

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016271.D
 Acq On : 09 Aug 2018 05:51
 Operator : SJ/JU
 Sample : J4328-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

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-BM072318.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	5.187	318	323	328	rBV	45795	65237	2.32%	0.357%
2	5.381	348	356	371	rBV	1906217	2808151	100.00%	15.362%
3	5.663	398	404	419	rBV	363031	574221	20.45%	3.141%
4	7.304	677	683	700	rBV	194969	345822	12.31%	1.892%
5	7.663	737	744	758	rBV	794009	1304923	46.47%	7.139%
6	8.134	817	824	828	rBV	194544	332014	11.82%	1.816%
7	8.169	828	830	837	rVB	59917	79516	2.83%	0.435%
8	8.451	871	878	892	rVB	793899	1315946	46.86%	7.199%
9	9.316	1019	1025	1038	rBV	579525	984723	35.07%	5.387%
10	9.757	1092	1100	1107	rBV2	32313	53746	1.91%	0.294%
11	10.880	1284	1291	1296	rBV2	24117	49412	1.76%	0.270%
12	10.945	1296	1302	1308	rVV	210374	368536	13.12%	2.016%
13	10.998	1308	1311	1317	rVB	21848	34165	1.22%	0.187%
14	13.386	1707	1717	1723	rBV	1379998	1894925	67.48%	10.366%
15	14.221	1854	1859	1866	rBV	62941	89434	3.18%	0.489%
16	14.768	1945	1952	1957	rBV2	264512	423108	15.07%	2.315%
17	14.827	1959	1962	1972	rVB3	34636	76799	2.73%	0.420%
18	15.051	1994	2000	2004	rBV8	15195	30618	1.09%	0.167%
19	15.163	2016	2019	2026	rVB	22452	33421	1.19%	0.183%
20	15.745	2112	2118	2123	rBV	379279	515892	18.37%	2.822%
21	15.810	2123	2129	2134	rVB5	19825	45922	1.64%	0.251%
22	16.127	2179	2183	2191	rVB10	16917	42086	1.50%	0.230%
23	16.257	2199	2205	2216	rVB	1170170	1640584	58.42%	8.975%
24	16.486	2240	2244	2251	rBV9	22970	55281	1.97%	0.302%
25	17.504	2411	2417	2422	rBV	326074	478968	17.06%	2.620%
26	18.356	2557	2562	2572	rBV2	211030	308025	10.97%	1.685%
27	19.615	2772	2776	2784	rBV	89614	146430	5.21%	0.801%
28	20.080	2850	2855	2863	rBV	2221583	2759460	98.27%	15.095%
29	20.839	2981	2984	2989	rVB	181642	203322	7.24%	1.112%
30	21.303	3060	3063	3067	rBV	82524	97061	3.46%	0.531%
31	21.633	3115	3119	3126	rVB	424885	543687	19.36%	2.974%
32	23.968	3511	3516	3525	rVB2	296402	578597	20.60%	3.165%

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Integration Parameters: rteint.p
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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

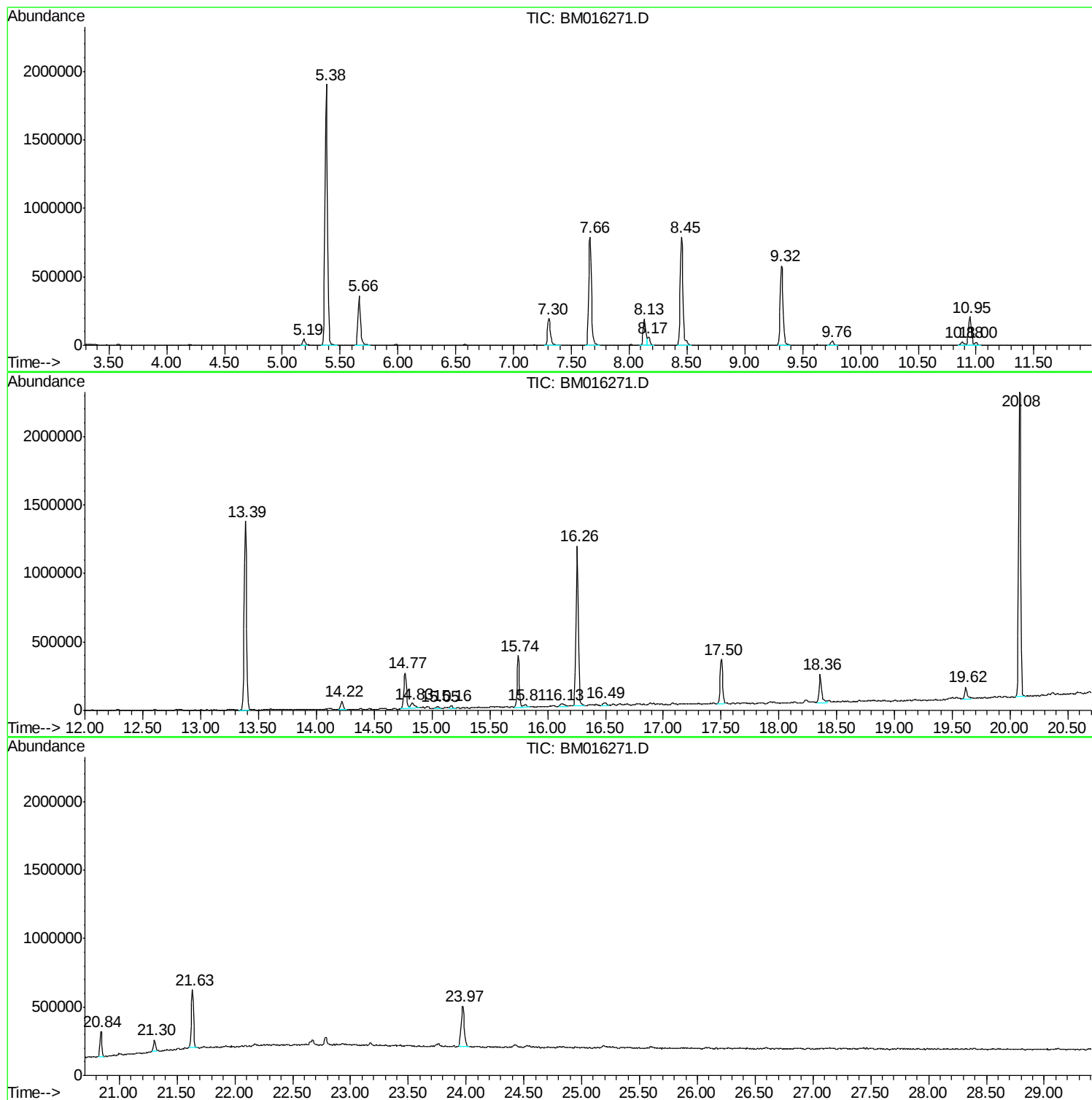
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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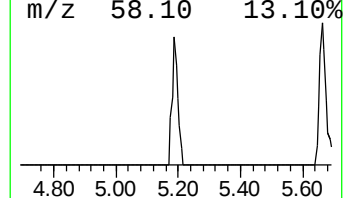
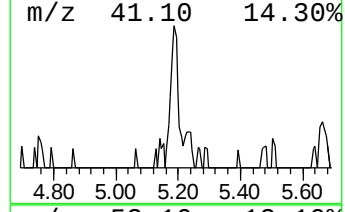
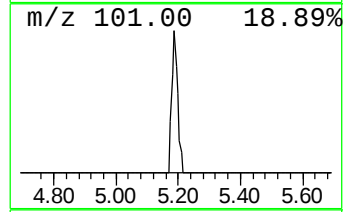
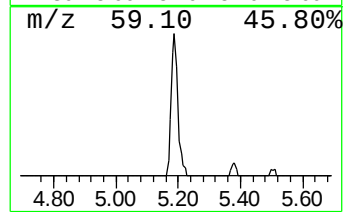
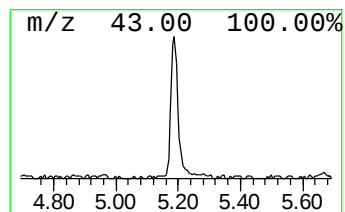
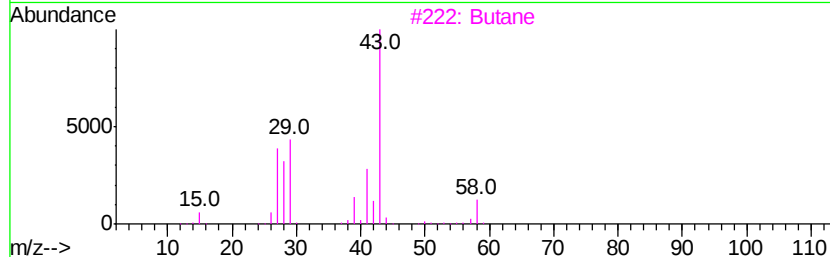
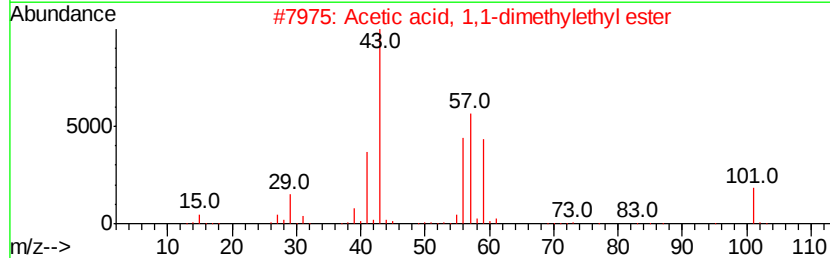
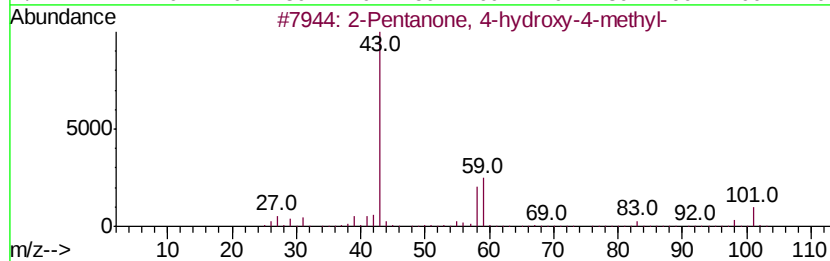
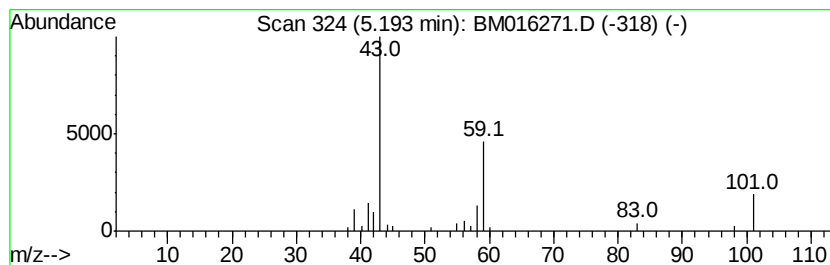
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.93 ng	65237	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		Butane	58	C4H10	000106-97-8	14
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9



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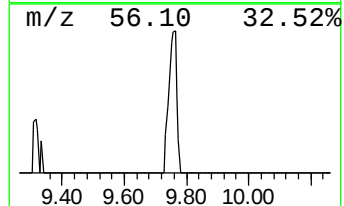
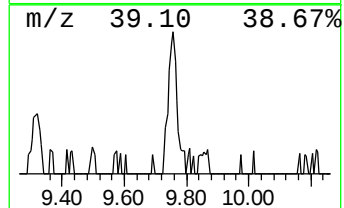
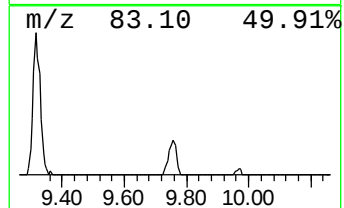
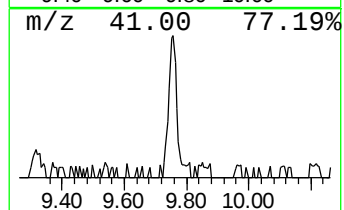
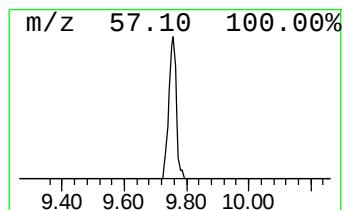
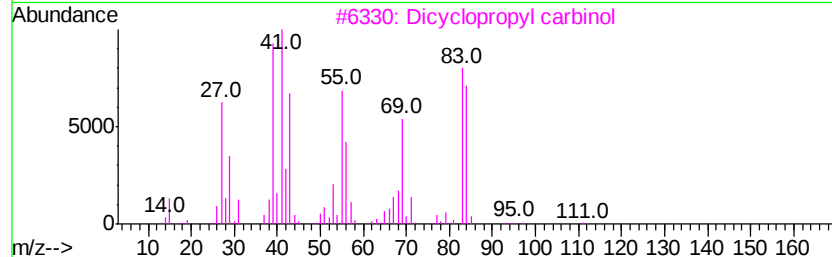
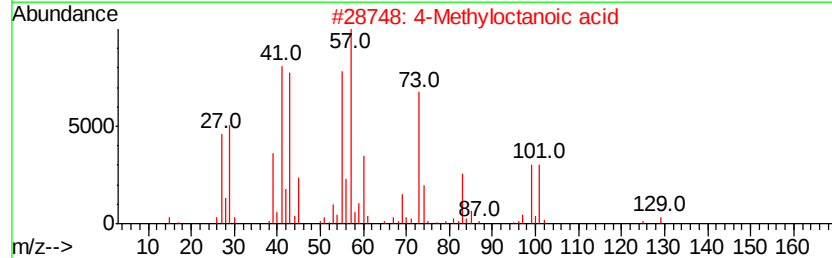
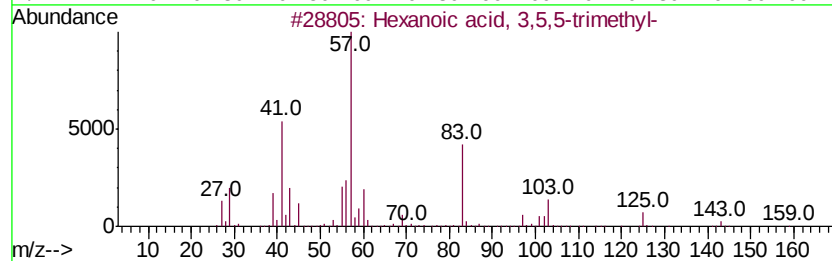
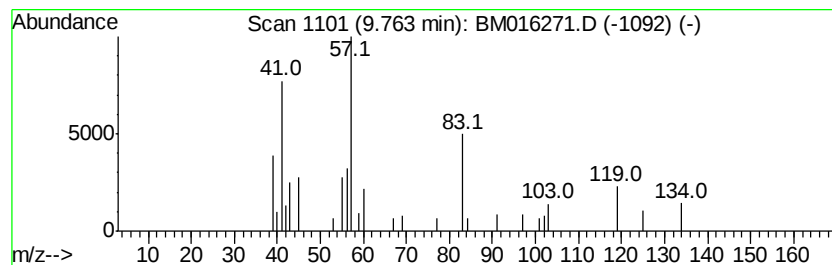
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown9.76 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.92 ng	53746	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	46
2		4-Methyloctanoic acid	158	C9H18O2	054947-74-9	17
3		Dicyclopropyl carbinol	112	C7H12O	014300-33-5	17
4		1-Propenylaziridine	83	C5H9N	1000192-51-0	12
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	9



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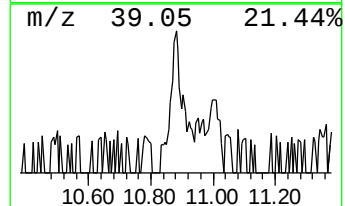
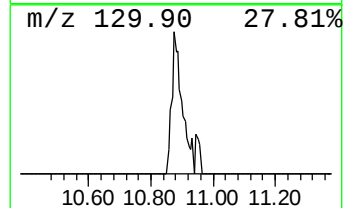
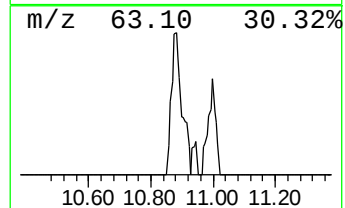
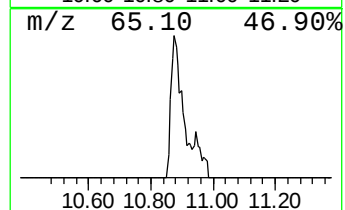
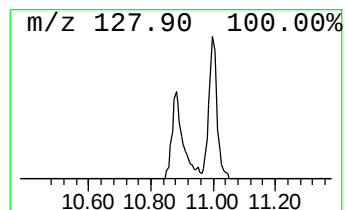
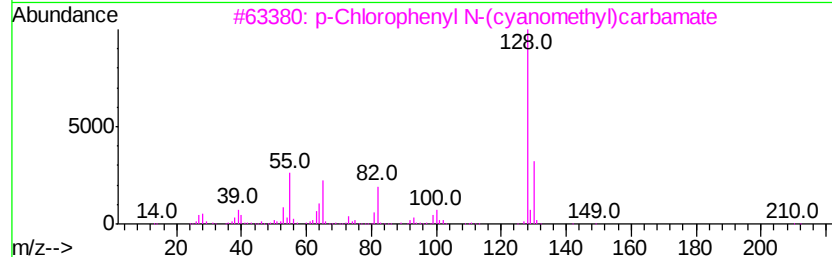
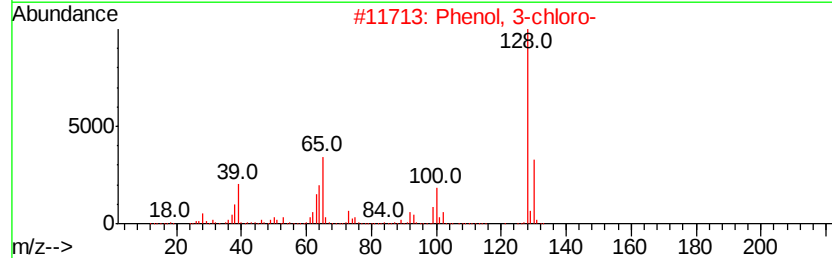
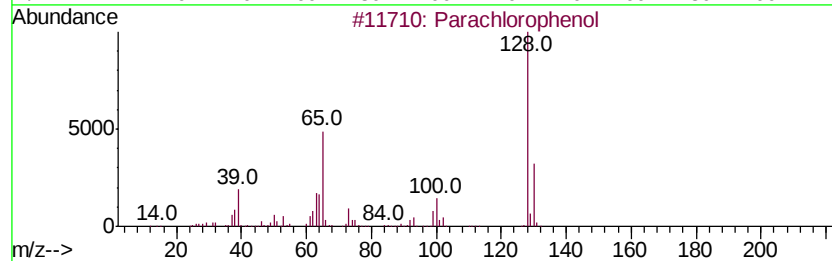
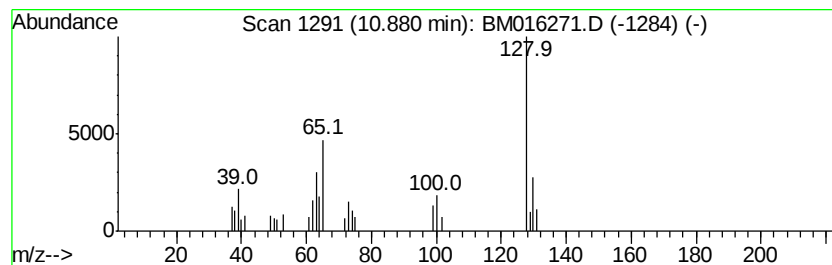
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Parachlorophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.68 ng	49412	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Parachlorophenol	128	C6H5ClO	000106-48-9	94
2		Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	76
3		p-Chlorophenyl N-(cyanomethyl)carbamate	210	C9H7ClN2O2	1000240-68-8	53
4		Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	41
5		2-Butenoic acid, -2-ethynyl, meth...	124	C7H8O2	1000222-03-1	38



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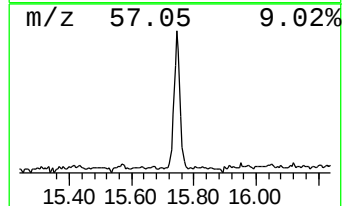
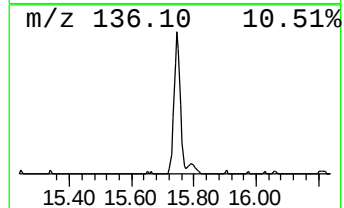
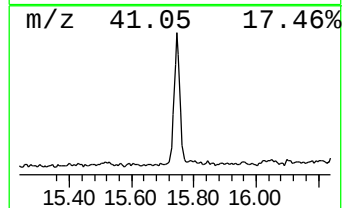
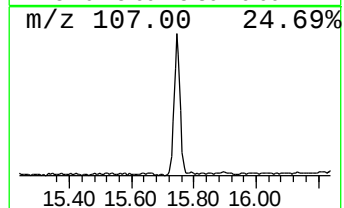
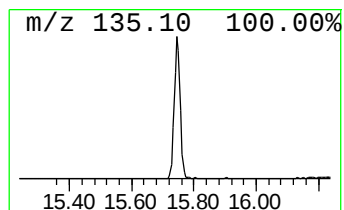
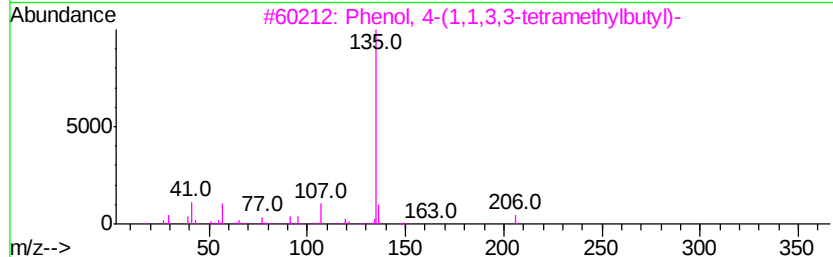
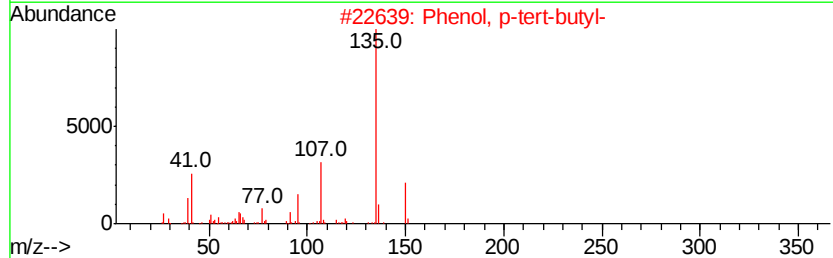
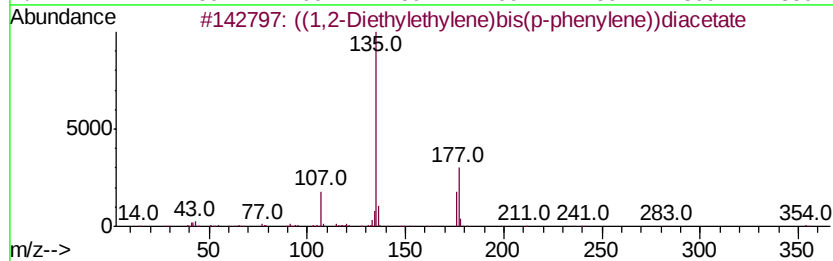
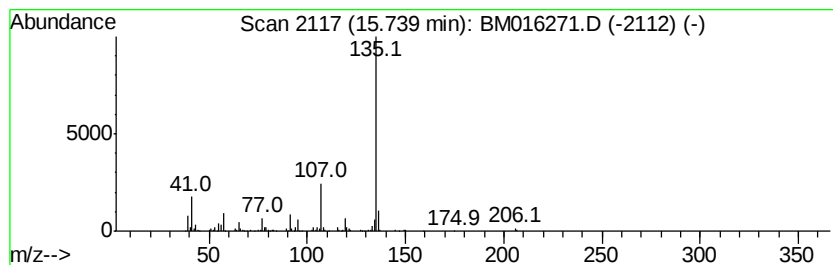
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 ((1,2-Diethylethylene)bis(p... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	24.39 ng	515892	Acenaphthene-d10	14.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64
2		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
5		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59



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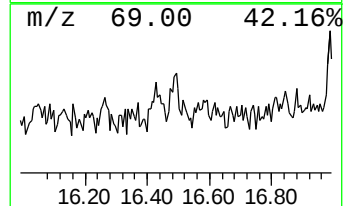
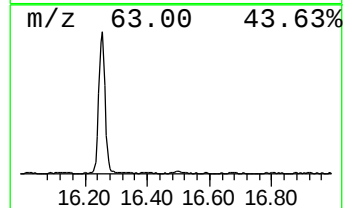
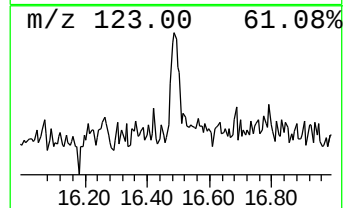
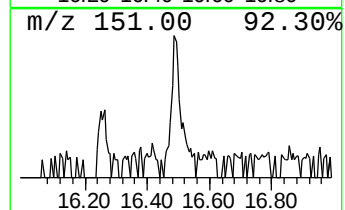
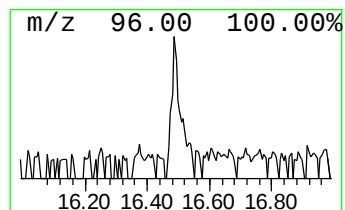
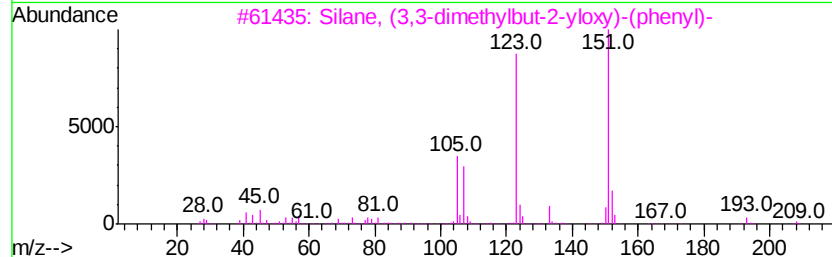
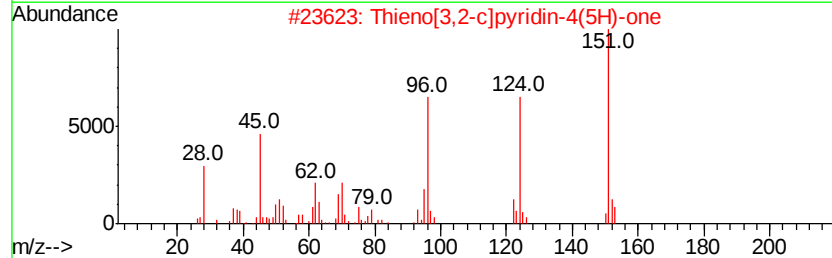
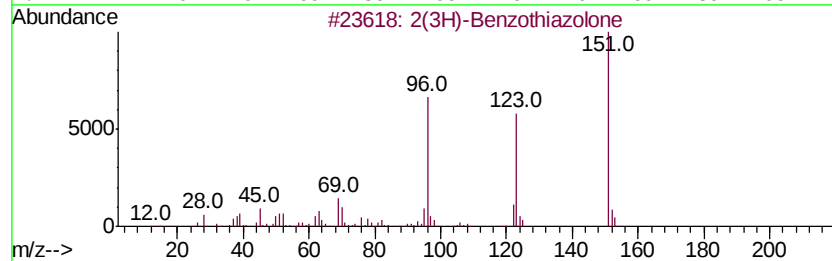
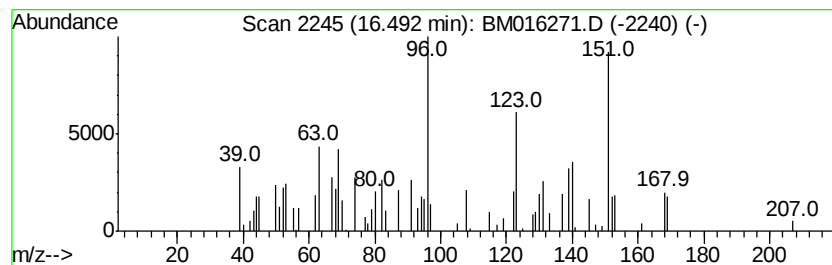
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Peak Number 6 unknown16.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.31 ng	55281	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	43
2		Thieno[3,2-c]pyridin-4(5H)-one	151	C7H5NOS	027685-92-3	28
3		Silane, (3,3-dimethylbut-2-yloxyv...	208	C12H20OSi	1000163-31-6	14
4		Thiazolo[5,4-d]pyrimidine, 2-met...	151	C6H5N3S	013554-88-6	12
5		4-Hydroxybenzoxazolone	151	C7H5NO3	028955-70-6	12



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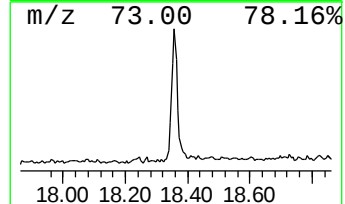
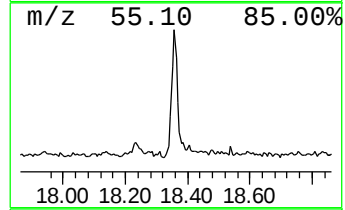
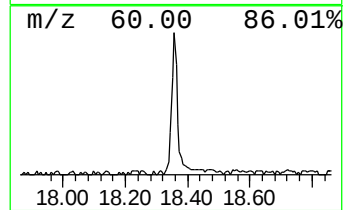
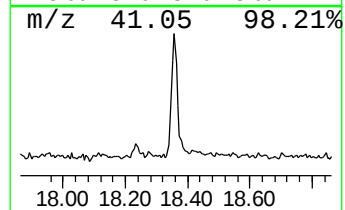
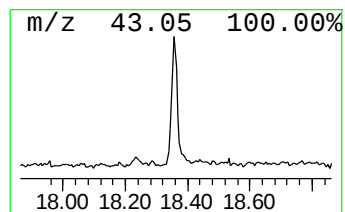
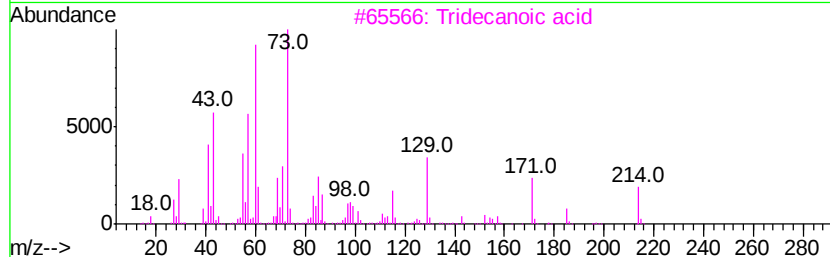
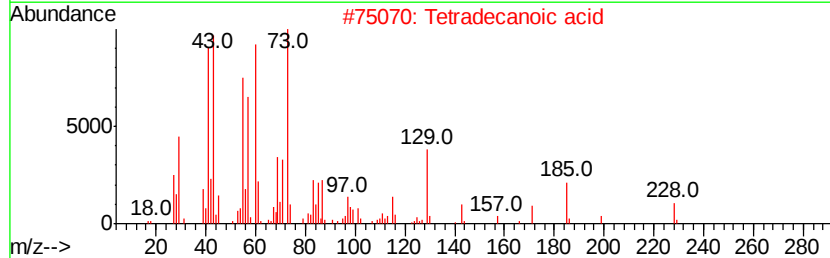
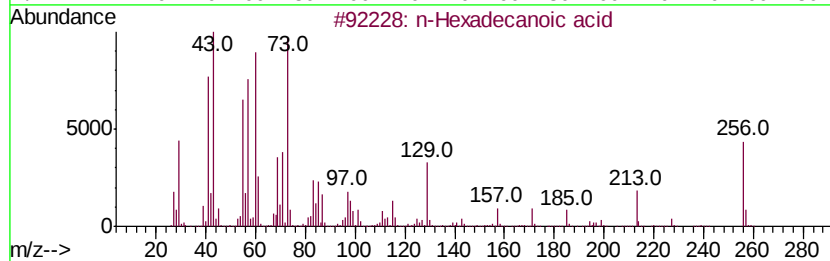
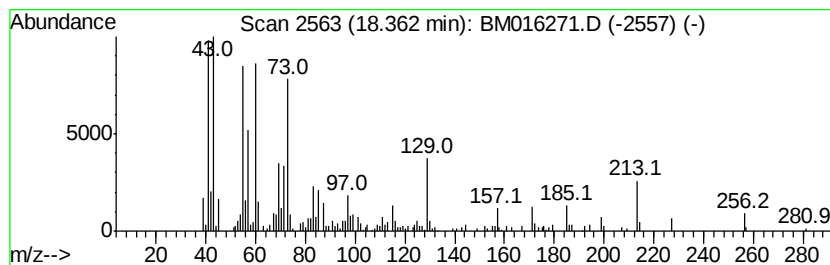
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	12.86 ng	308025	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		Nonanoic acid	158	C9H18O2	000112-05-0	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016271.D
Acq On : 09 Aug 2018 05:51
Operator : SJ/JU
Sample : J4328-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-23

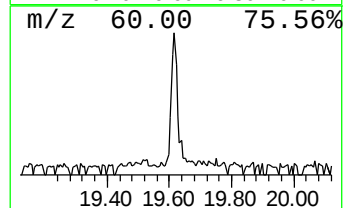
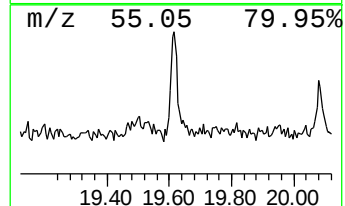
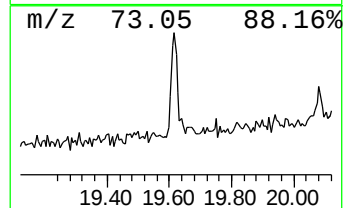
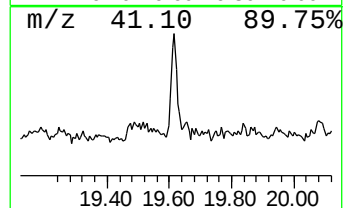
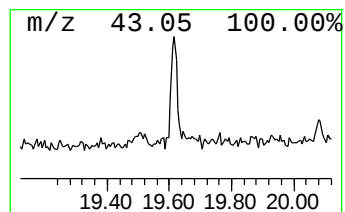
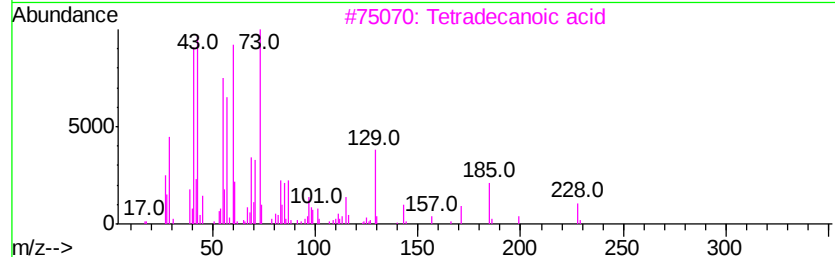
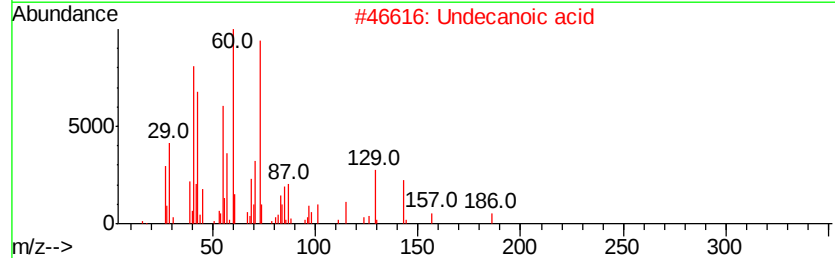
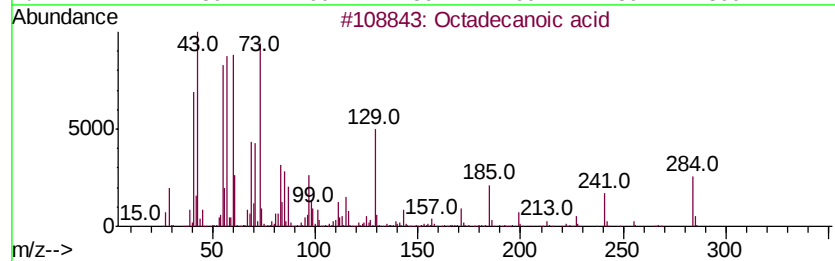
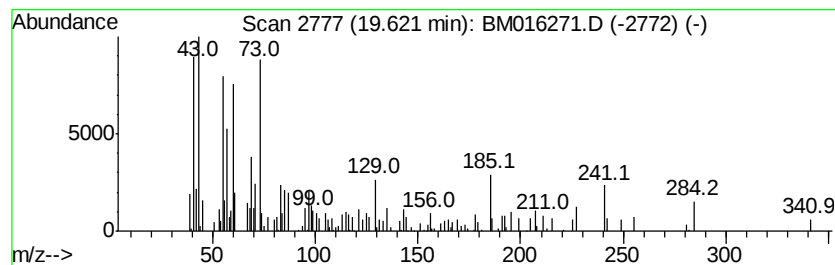
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	5.39 ng	146430	Chrysene-d12	21.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	89
2		Undecanoic acid	186	C11H22O2	000112-37-8	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016271.D
Acq On : 09 Aug 2018 05:51
Operator : SJ/JU
Sample : J4328-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-23

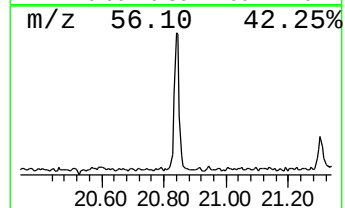
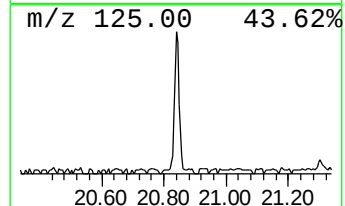
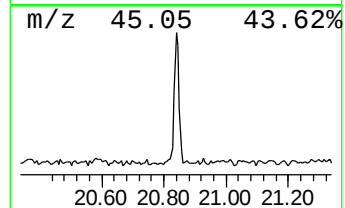
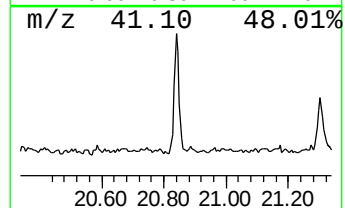
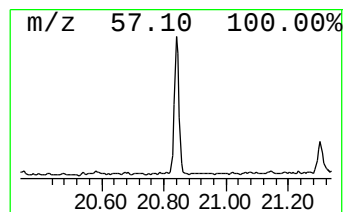
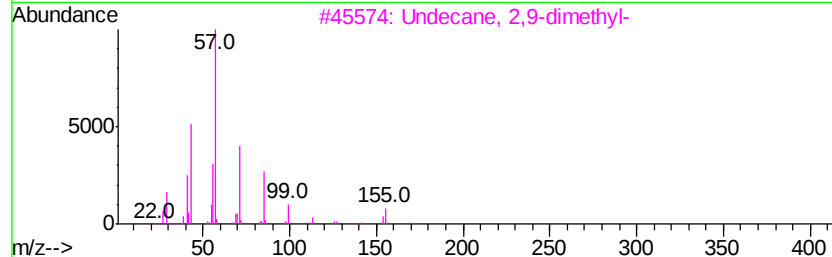
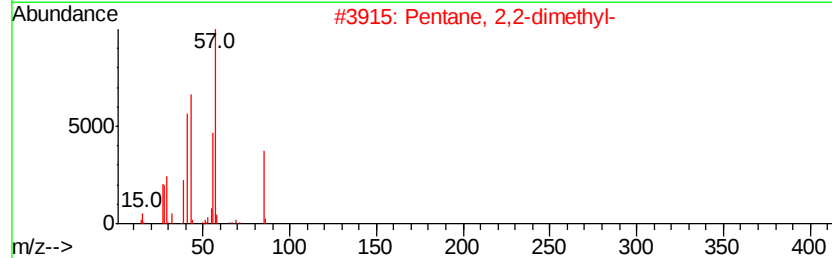
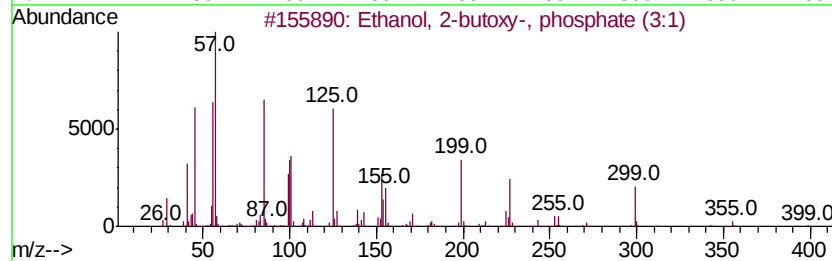
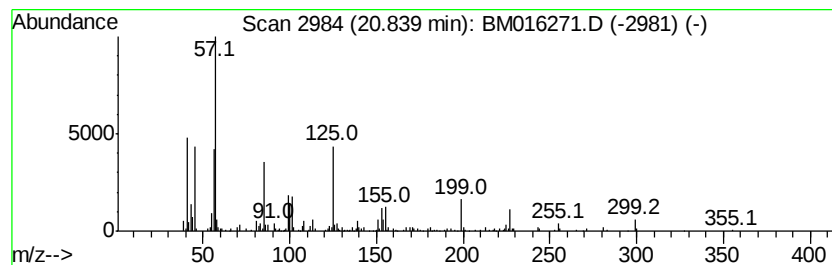
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanol, 2-butoxy-, phospho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	7.48 ng	203322	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	80
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	14
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	12
4		2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	12
5		1,3-Benzoxazin-2-one, trans-octa...	155	C8H13NO2	1000138-84-7	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016271.D
Acq On : 09 Aug 2018 05:51
Operator : SJ/JU
Sample : J4328-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

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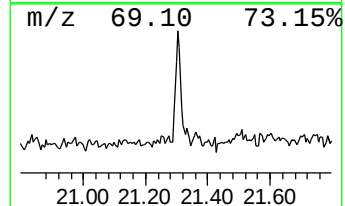
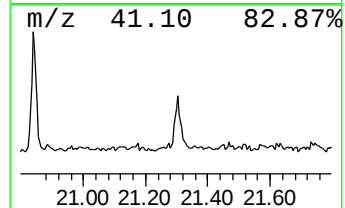
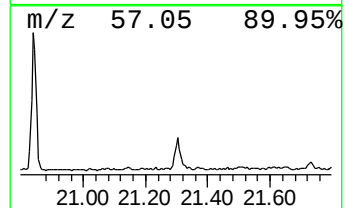
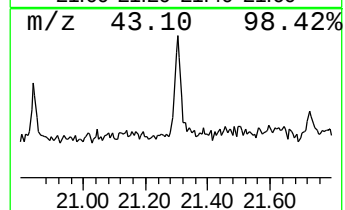
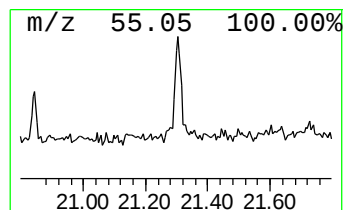
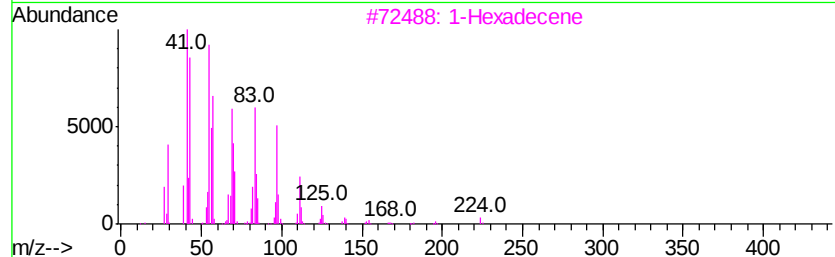
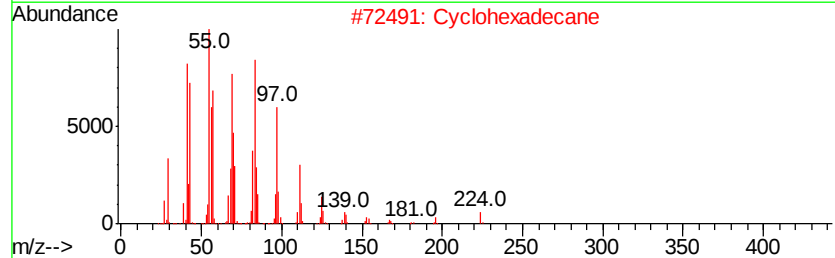
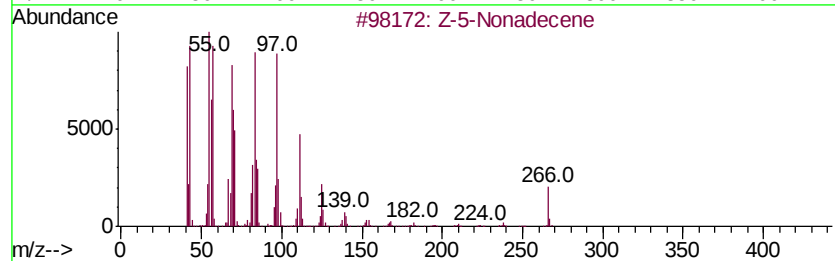
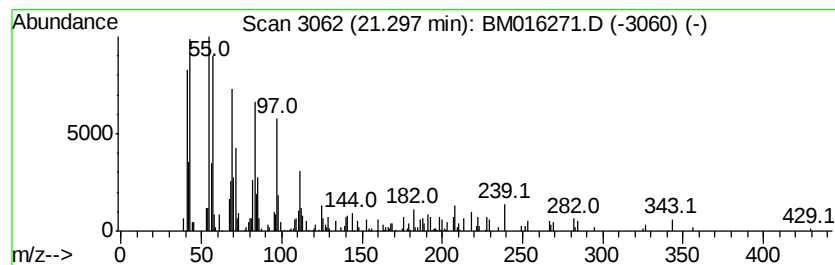
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Z-5-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.57 ng	97061	Chrysene-d12	21.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Z-5-Nonadecene	266	C19H38	1000131-11-8	99
2		Cyclohexadecane	224	C16H32	000295-65-8	98
3		1-Hexadecene	224	C16H32	000629-73-2	96
4		Cyclopentadecane	210	C15H30	000295-48-7	95
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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...	5.19	3.9	ng	65237	1	8.13	332014	20.0
unknown9.76	9.76	2.9	ng	53746	2	10.95	368536	20.0
Parachlorophenol	10.88	2.7	ng	49412	2	10.95	368536	20.0
((1,2-Diethylethy...	15.74	24.4	ng	515892	3	14.77	423108	20.0
unknown16.49	16.49	2.3	ng	55281	4	17.50	478968	20.0
n-Hexadecanoic acid	18.36	12.9	ng	308025	4	17.50	478968	20.0
Octadecanoic acid	19.62	5.4	ng	146430	5	21.63	543687	20.0
Ethanol, 2-butoxy...	20.84	7.5	ng	203322	5	21.63	543687	20.0
Z-5-Nonadecene	21.30	3.6	ng	97061	5	21.63	543687	20.0