

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106755.D
 Acq On : 23 Jun 2018 12:35
 Operator : JU/SJ
 Sample : J3597-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-28

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_F\METHODS\8270-BF061918.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	5.190	482	485	494	rBB2	25004	26636	2.19%	0.298%
2	5.601	551	555	567	rBB	546003	482976	39.80%	5.409%
3	6.601	721	725	732	rBV	305675	312135	25.72%	3.495%
4	6.737	744	748	751	rBV	1003672	854560	70.42%	9.570%
5	6.960	782	786	789	rBV	306795	255561	21.06%	2.862%
6	7.113	808	812	816	rBV	883993	858745	70.77%	9.617%
7	7.525	877	882	885	rBV	717466	655458	54.01%	7.340%
8	7.848	934	937	939	rBV	86888	62810	5.18%	0.703%
9	7.872	939	941	954	rVB	85485	81899	6.75%	0.917%
10	7.966	954	957	967	rBV	80584	79832	6.58%	0.894%
11	8.242	1000	1004	1007	rBV	328980	271886	22.41%	3.045%
12	8.478	1039	1044	1047	rBB	21503	17086	1.41%	0.191%
13	8.825	1100	1103	1107	rVB	11419	13093	1.08%	0.147%
14	9.313	1182	1186	1190	rBV	1162095	1098155	90.49%	12.298%
15	9.707	1248	1253	1258	rBV	53205	48184	3.97%	0.540%
16	9.907	1283	1287	1291	rBV	20539	16905	1.39%	0.189%
17	10.001	1298	1303	1309	rVB	294610	271002	22.33%	3.035%
18	10.407	1370	1372	1375	rVB	28336	19285	1.59%	0.216%
19	10.613	1405	1407	1412	rVB2	13253	17264	1.42%	0.193%
20	10.795	1434	1438	1441	rBV	700023	624899	51.50%	6.998%
21	10.883	1450	1453	1457	rBV	26315	30974	2.55%	0.347%
22	10.989	1469	1471	1475	rVB2	11372	13450	1.11%	0.151%
23	11.036	1475	1479	1481	rBV2	67750	61335	5.05%	0.687%
24	11.330	1527	1529	1531	rBV	17314	13275	1.09%	0.149%
25	11.360	1531	1534	1539	rVB5	14255	19154	1.58%	0.214%
26	11.489	1553	1556	1561	rBV	293871	274702	22.64%	3.076%
27	11.683	1585	1589	1592	rBV5	9203	16891	1.39%	0.189%
28	11.860	1616	1619	1622	rVB	16894	14598	1.20%	0.163%
29	12.877	1789	1792	1795	rVB	29817	22786	1.88%	0.255%
30	12.960	1803	1806	1812	rVB	57651	56045	4.62%	0.628%
31	13.077	1822	1826	1829	rBV	1314875	1213503	100.00%	13.589%
32	13.583	1909	1912	1914	rBV	20405	18565	1.53%	0.208%
33	13.624	1917	1919	1922	rVB2	17195	16501	1.36%	0.185%
34	13.954	1972	1975	1983	rVB2	47731	55204	4.55%	0.618%

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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

35	14.142	2003	2007	2013	rVB	380710	356132	29.35%	3.988%
36	14.277	2028	2030	2037	rVB3	28324	37266	3.07%	0.417%
37	14.336	2037	2040	2043	rBV3	14105	17068	1.41%	0.191%
38	14.465	2060	2062	2066	rVB4	15132	17717	1.46%	0.198%
39	14.530	2069	2073	2076	rVV4	13029	19624	1.62%	0.220%
40	14.589	2080	2083	2089	rVB2	48861	48533	4.00%	0.543%
41	14.648	2089	2093	2096	rBV5	17850	22828	1.88%	0.256%
42	14.830	2122	2124	2129	rVB5	12058	13622	1.12%	0.153%
43	14.907	2134	2137	2141	rVB	51943	54290	4.47%	0.608%
44	15.265	2194	2198	2201	rBV	55656	62620	5.16%	0.701%
45	15.677	2262	2268	2278	rVB2	199442	308711	25.44%	3.457%
46	16.124	2339	2344	2351	rVB3	34457	55217	4.55%	0.618%
47	16.659	2431	2435	2440	rVB3	14312	20863	1.72%	0.234%

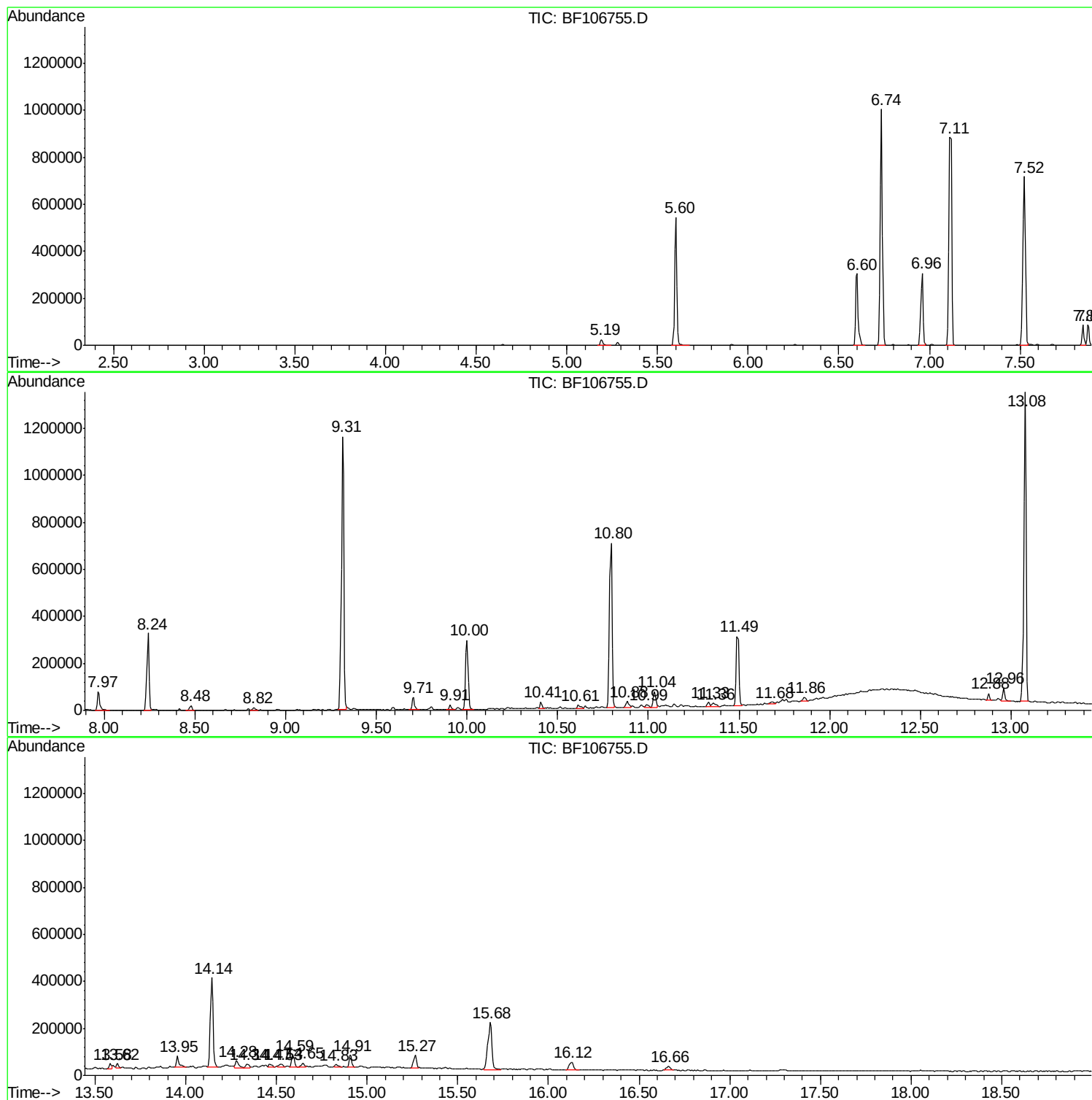
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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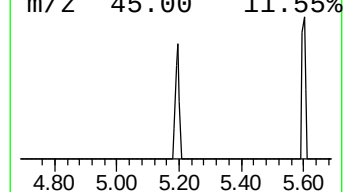
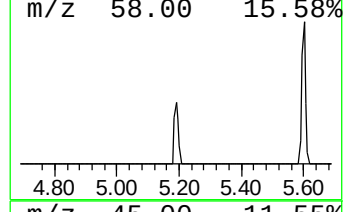
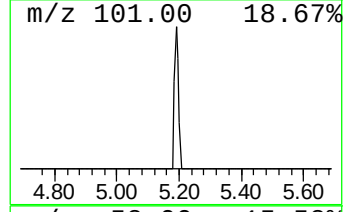
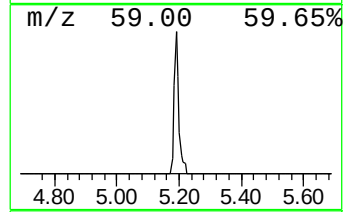
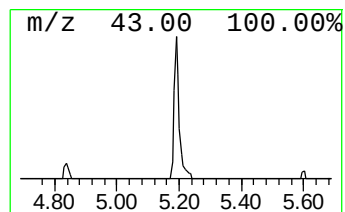
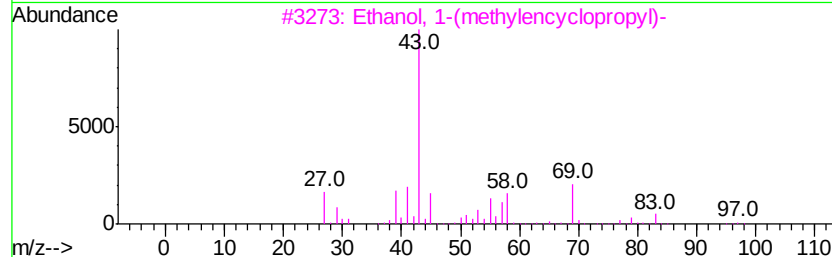
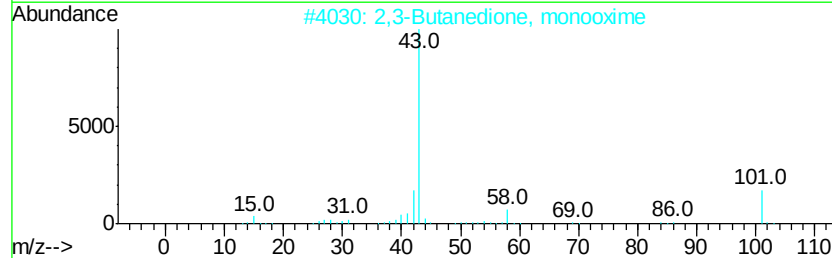
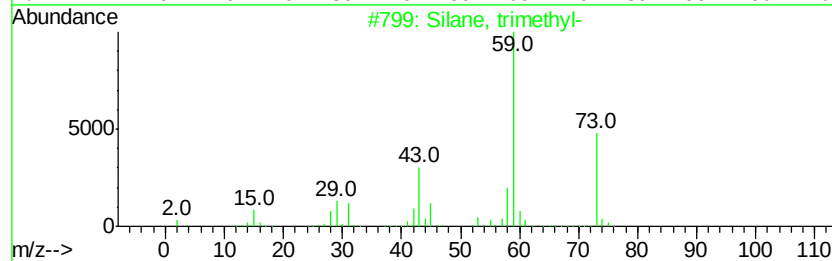
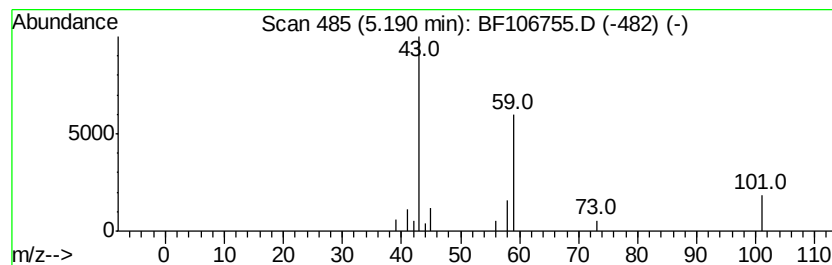
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.08 ng	26636	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trimethyl-	74	C3H10Si	000993-07-7	28
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		Ethanol, 1-(methylenecyclopropyl)-	98	C6H10O	1000152-74-6	9
4		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



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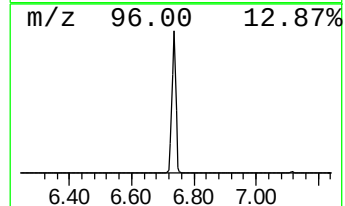
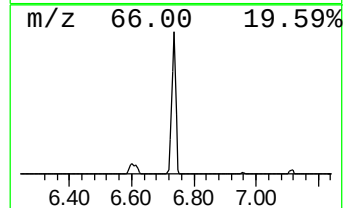
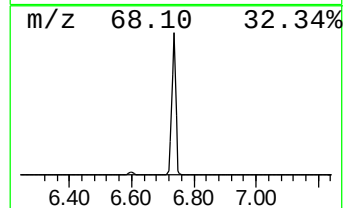
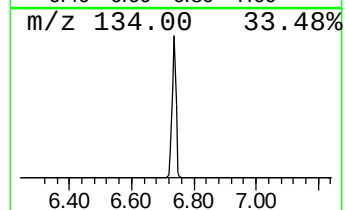
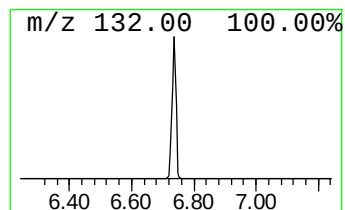
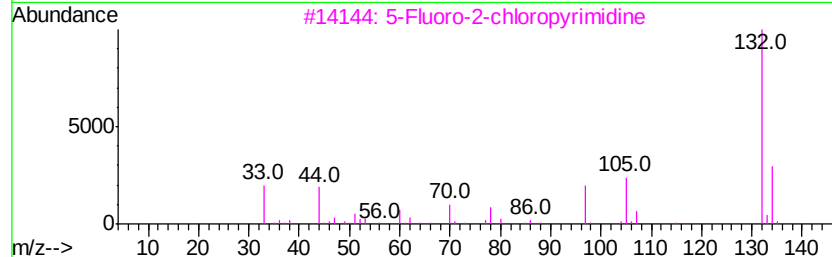
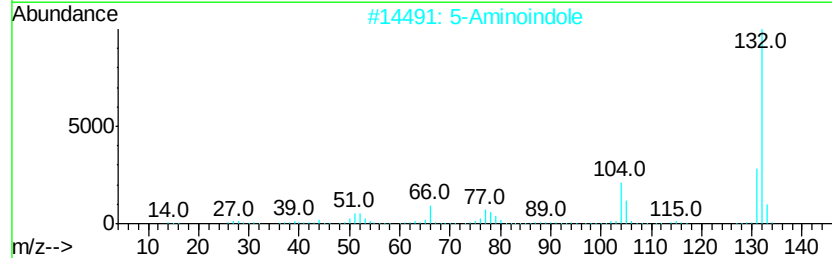
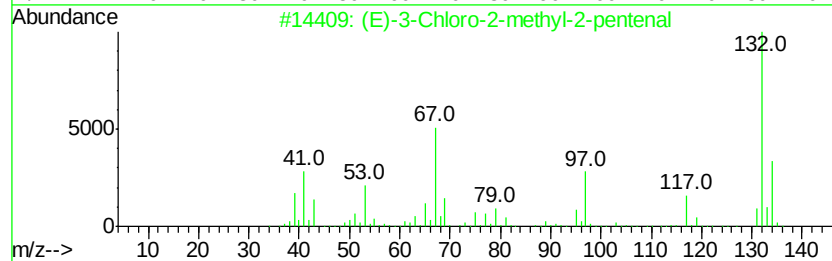
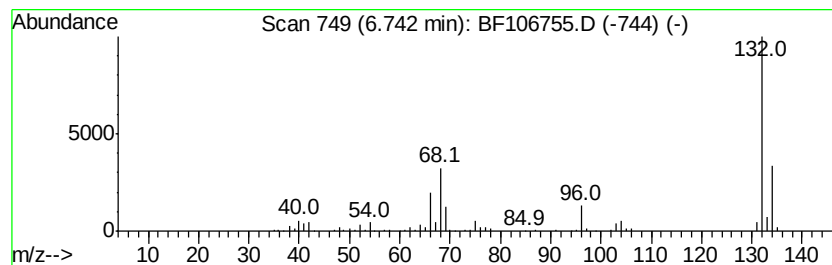
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	66.88 ng	854560	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16		
2	5-Aminoindole	132	C8H8N2	005192-03-0	12		
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9		
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9		
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9		



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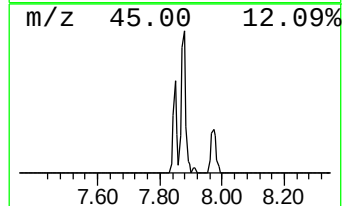
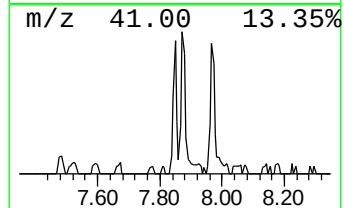
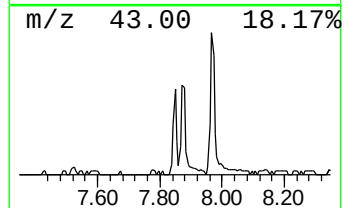
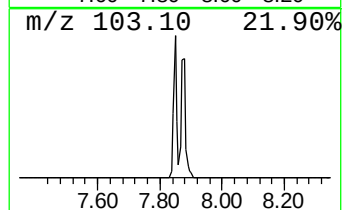
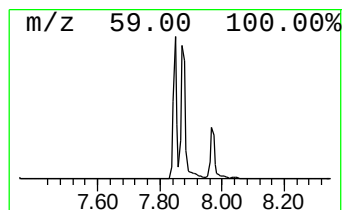
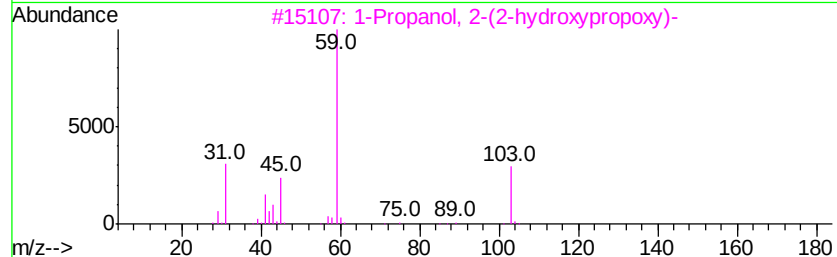
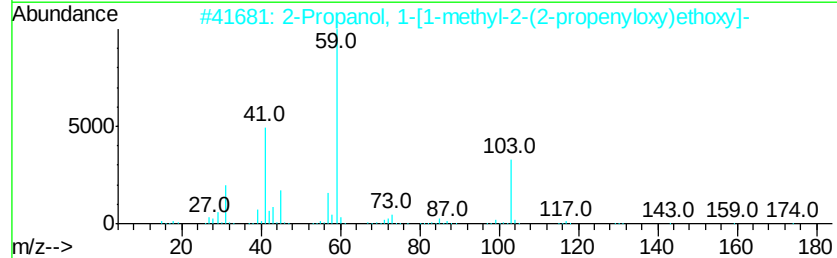
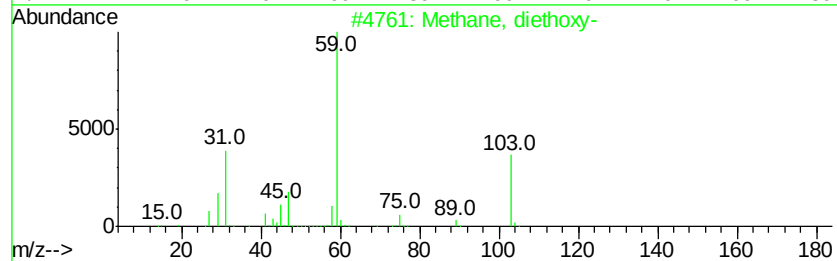
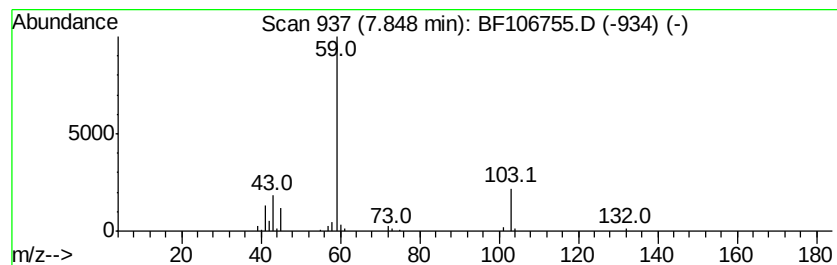
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Methane, diethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.62 ng	62810	Naphthalene-d8	8.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methane, diethoxy-	104	C5H12O2	000462-95-3	78
2		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
3		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
4		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	74
5		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72



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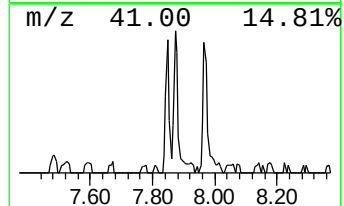
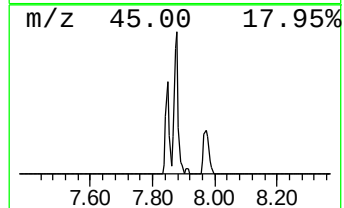
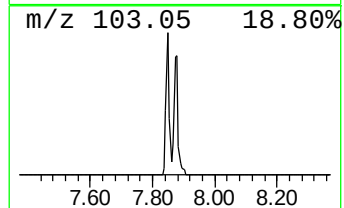
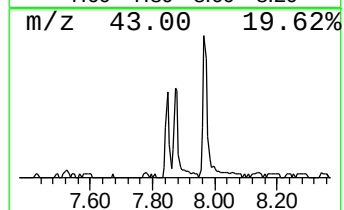
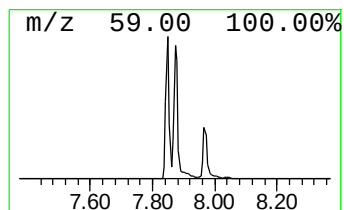
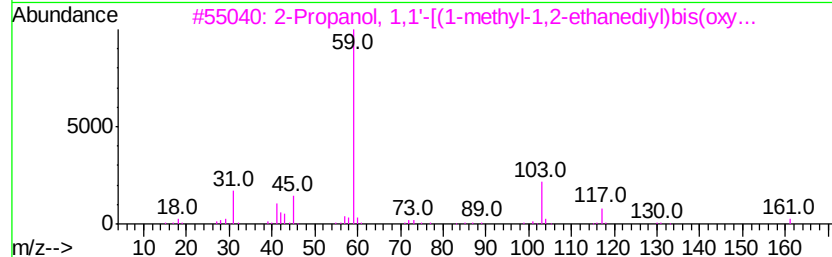
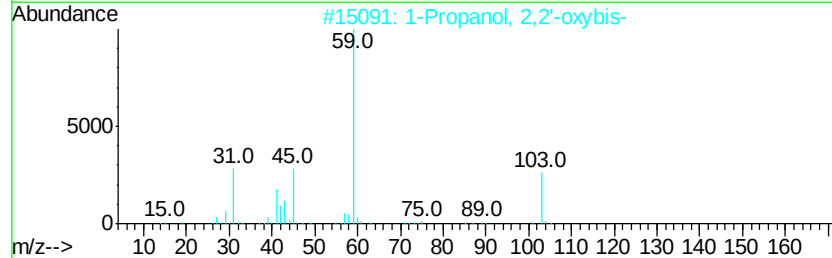
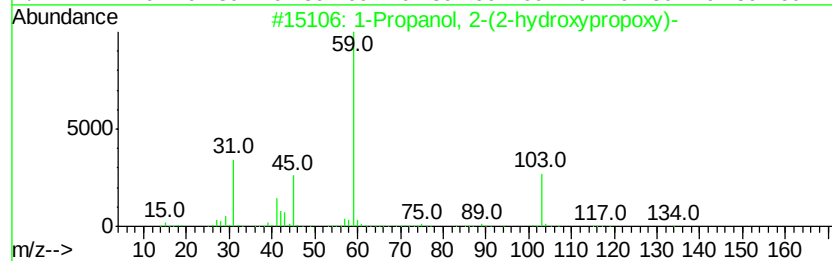
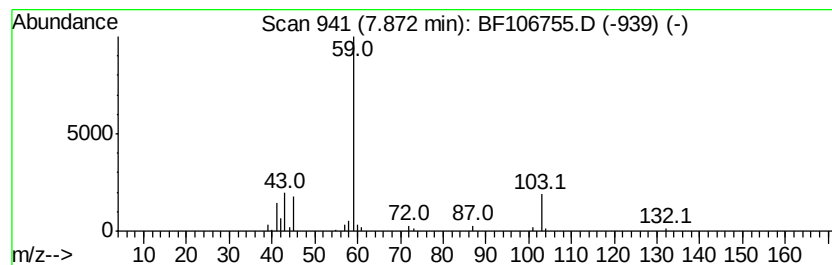
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	6.02 ng	81899	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	78
3		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	78
4		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
5		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64



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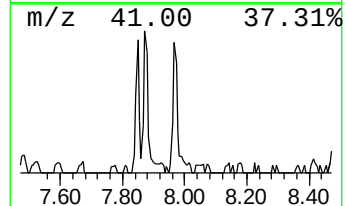
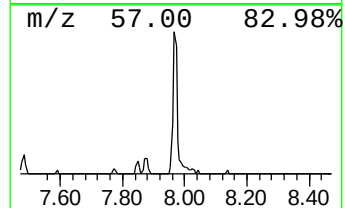
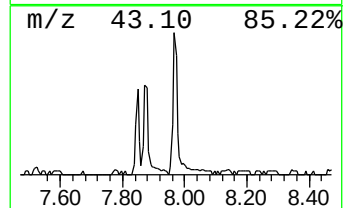
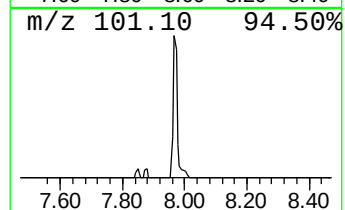
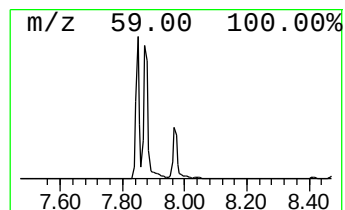
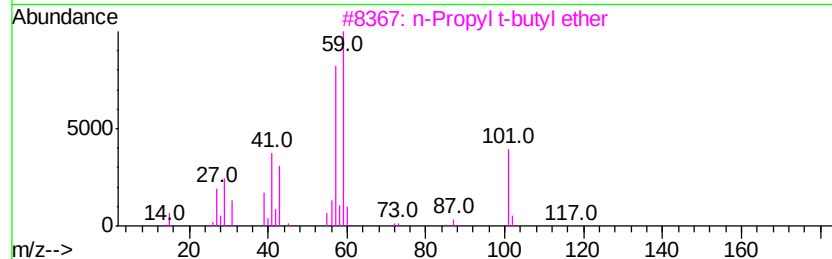
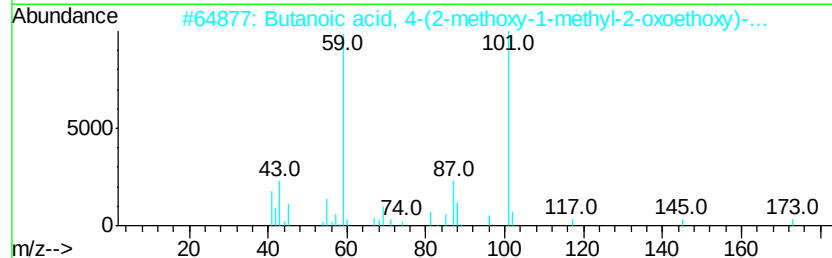
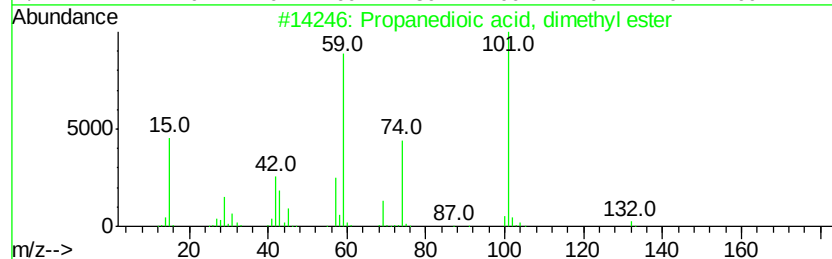
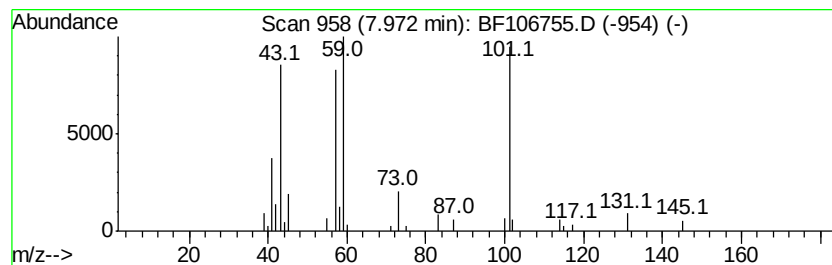
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Propanedioic acid, dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	5.87 ng	79832	Naphthalene-d8	8.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	59
2		Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	59
3		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	37
4		Ether, hexyl t-butyl	158	C10H22O	069775-79-7	35
5		Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106755.D
Acq On : 23 Jun 2018 12:35
Operator : JU/SJ
Sample : J3597-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

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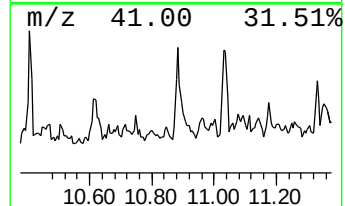
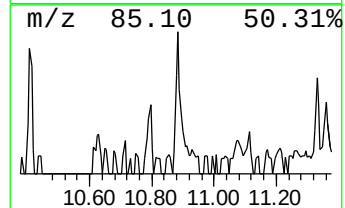
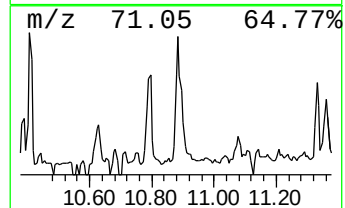
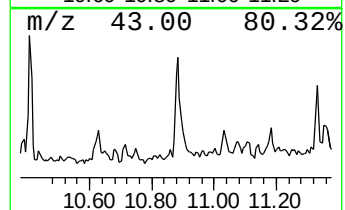
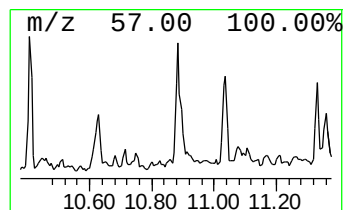
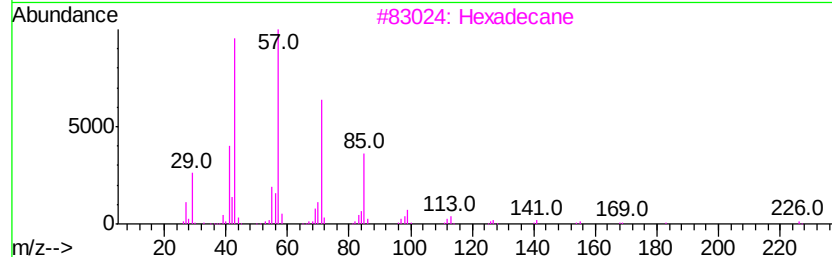
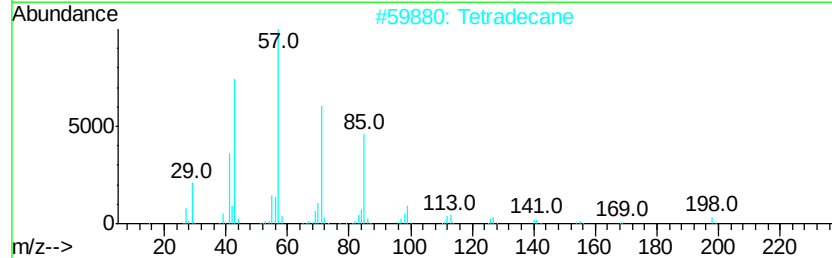
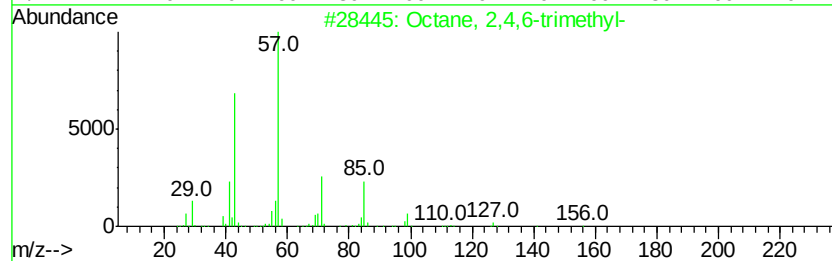
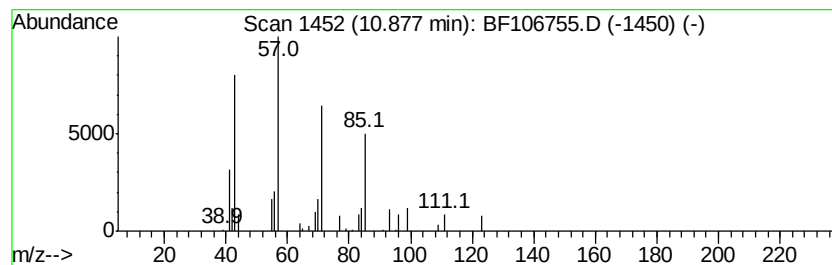
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.26 ng	30974	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	78
4		Tridecane	184	C13H28	000629-50-5	78
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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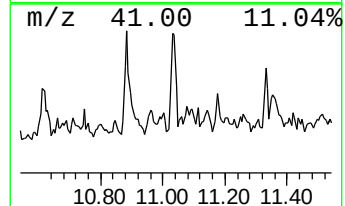
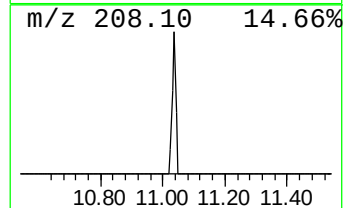
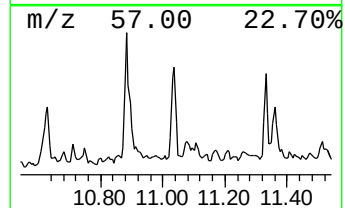
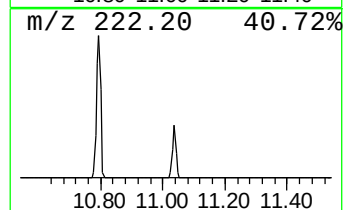
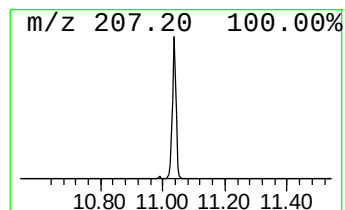
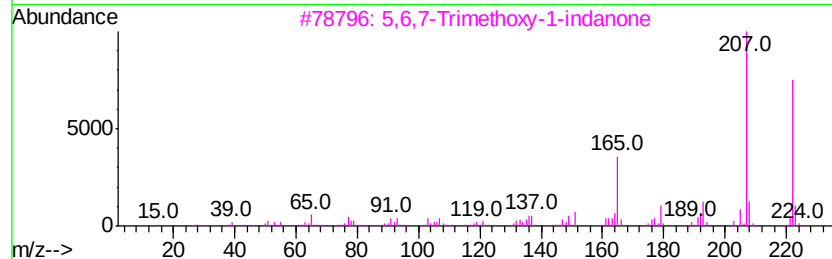
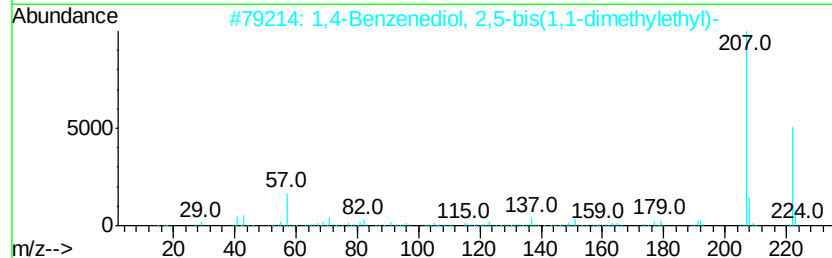
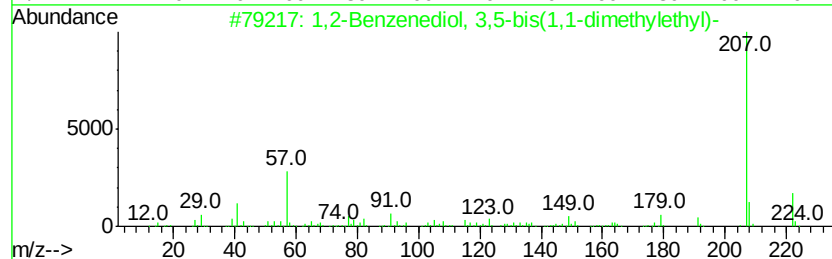
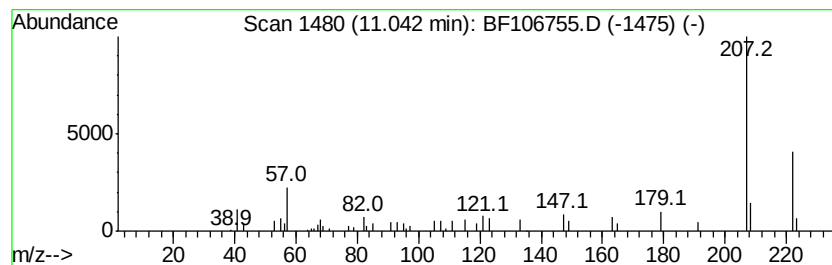
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2-Benzenediol, 3,5-bis(1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.04	4.47 ng	61335	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	83
2	1,4-Benzenediol, 2,5-bis(1,1-dim...	222	C14H22O2	000088-58-4	83
3	5,6,7-Trimethoxy-1-indanone	222	C12H14O4	038472-90-1	78
4	1,2-Benzisothiazol-3-amine tms	222	C10H14N2SSi	1000332-66-2	72
5	Silane, trimethyl[5-methyl-2-(1-...	222	C13H22OSi	055012-80-1	72



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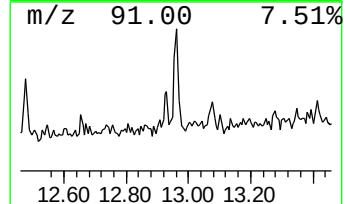
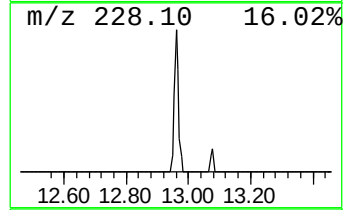
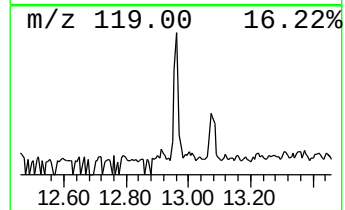
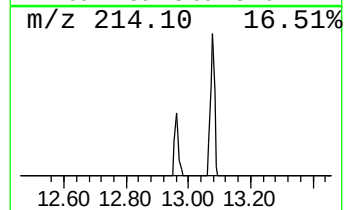
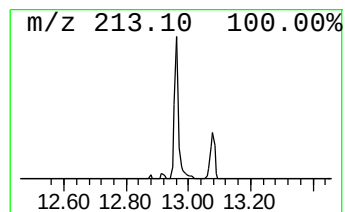
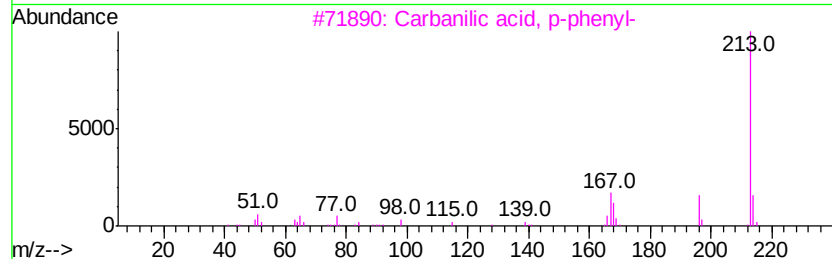
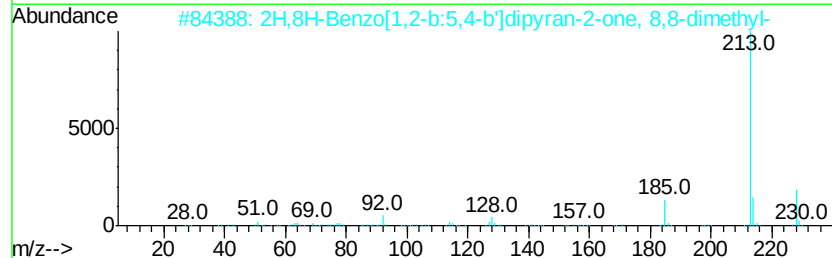
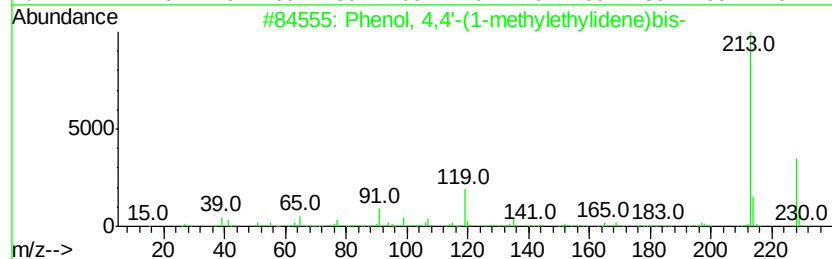
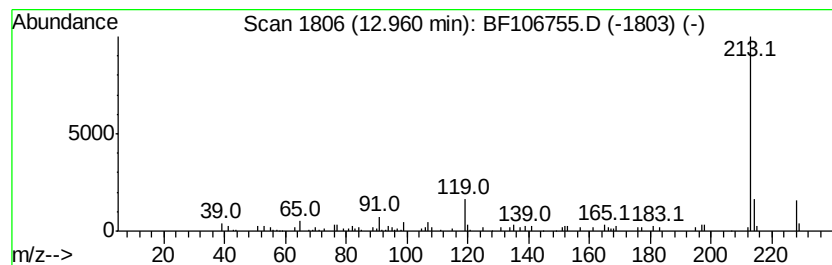
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.15 ng	56045	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
4		2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	50
5		As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43



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Misc :
ALS Vial : 47 Sample Multiplier: 1

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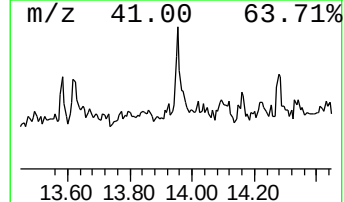
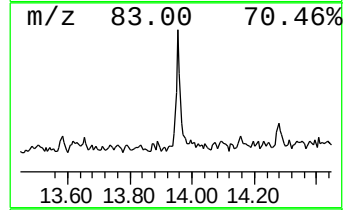
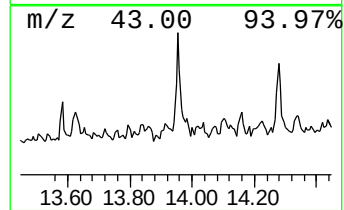
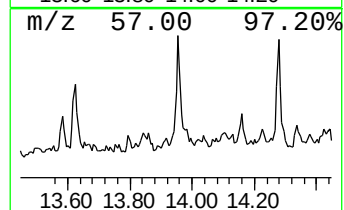
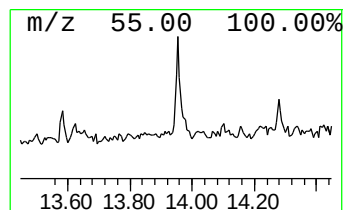
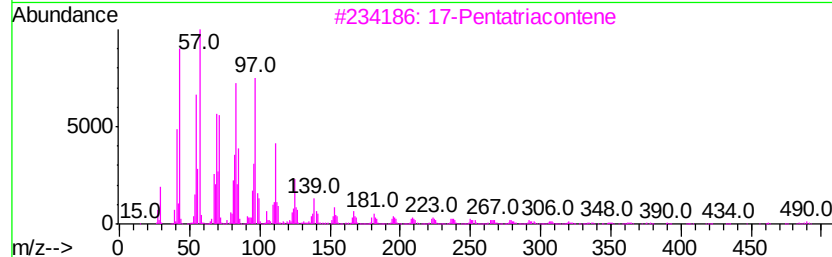
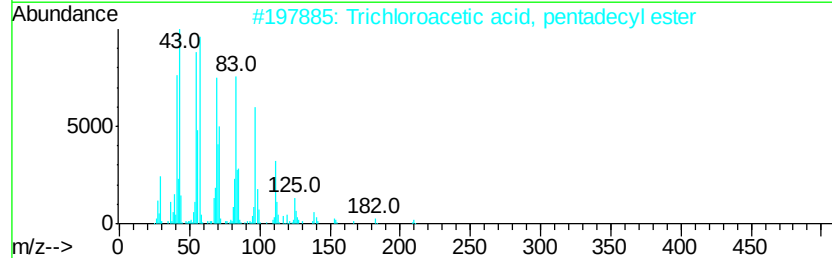
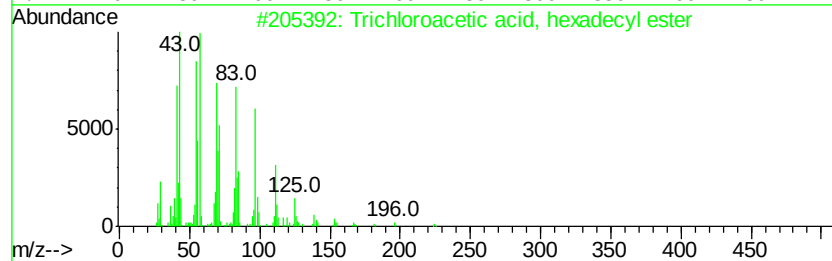
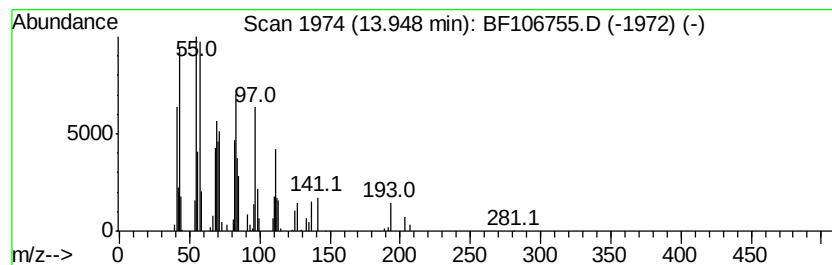
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.10 ng	55204	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3			17-Pentatriacontene	491	C35H70	006971-40-0	87
4			Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	87
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87



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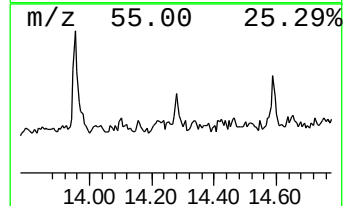
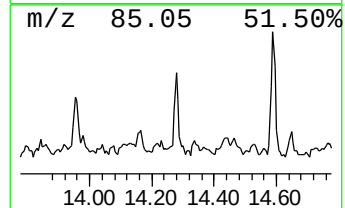
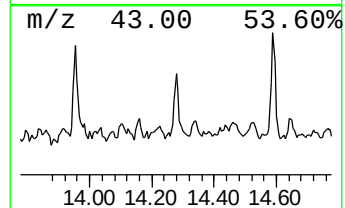
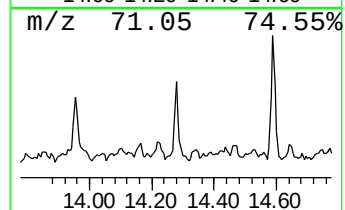
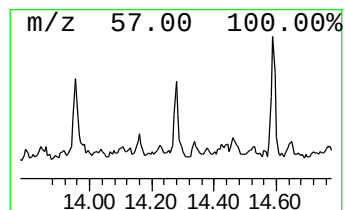
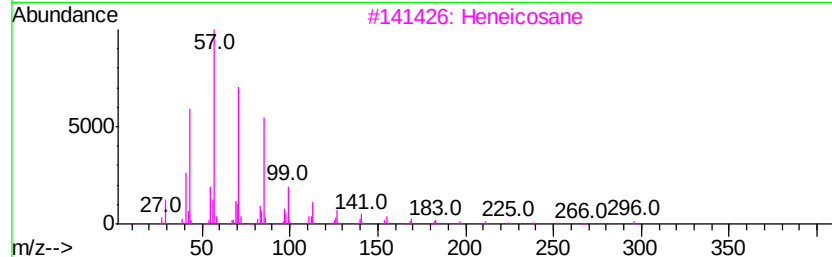
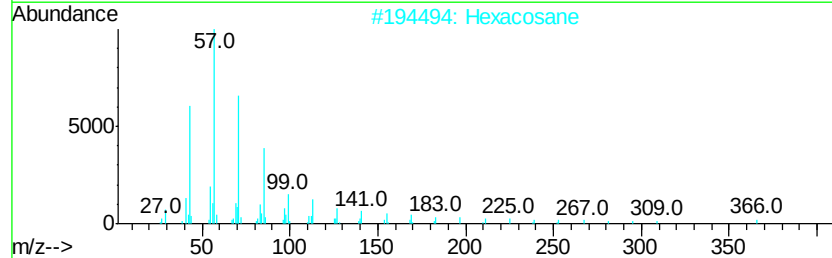
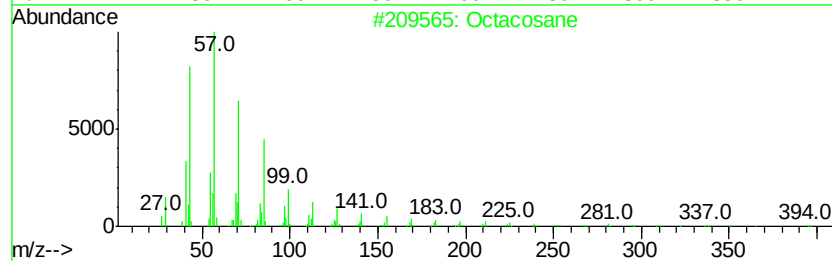
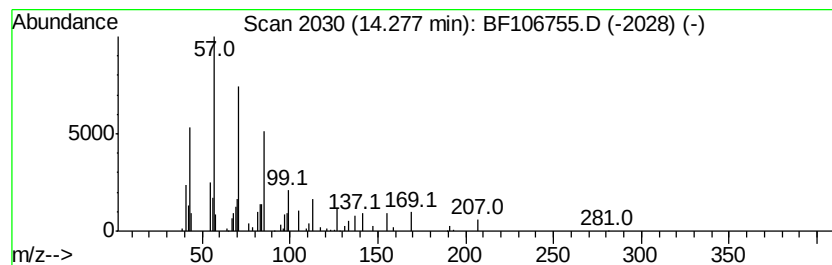
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.09 ng	37266	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	86
4		Pentacosane	352	C25H52	000629-99-2	86
5		Tetratetracontane	619	C44H90	007098-22-8	83



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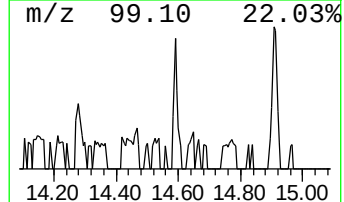
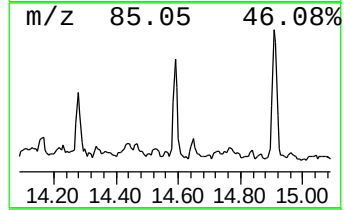
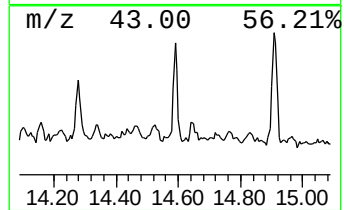
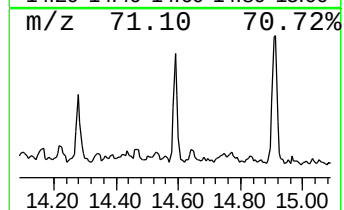
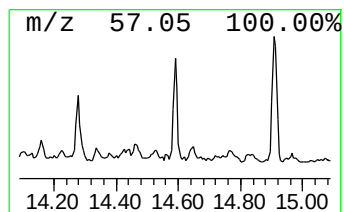
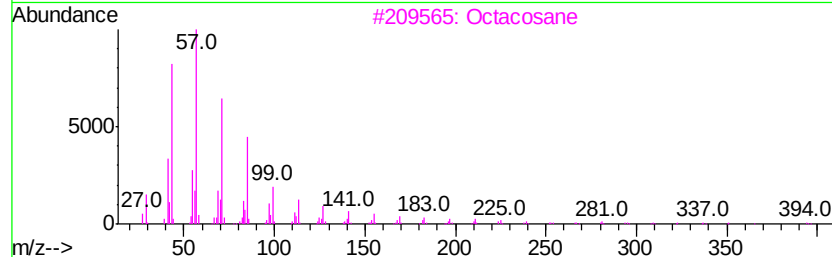
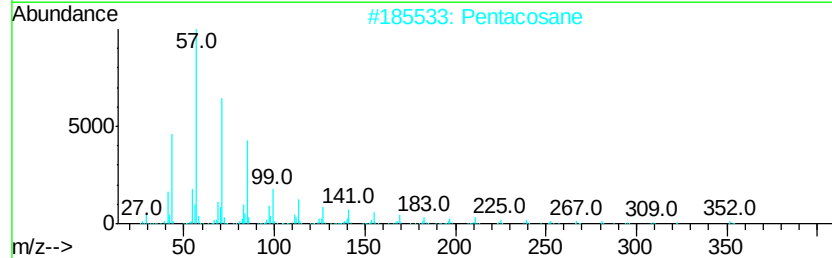
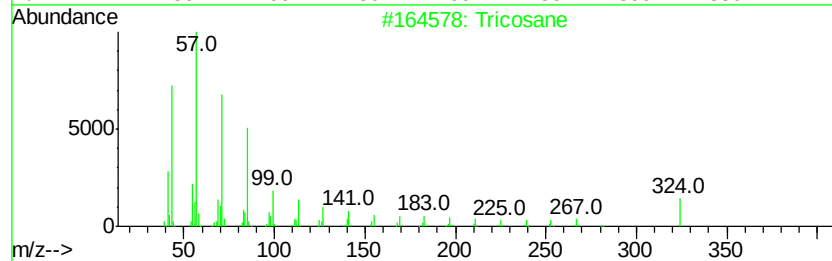
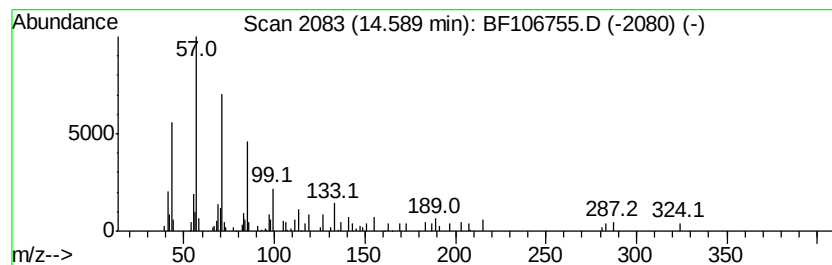
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.73 ng	48533	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	95
2		Pentacosane	352	C25H52	000629-99-2	87
3		Octacosane	394	C28H58	000630-02-4	81
4		Heneicosane	296	C21H44	000629-94-7	81
5		Hexacosane	366	C26H54	000630-01-3	76



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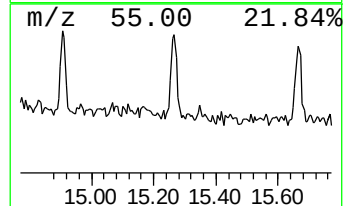
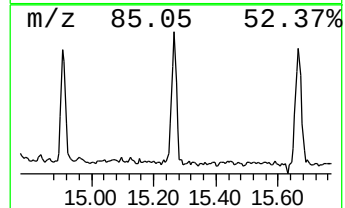
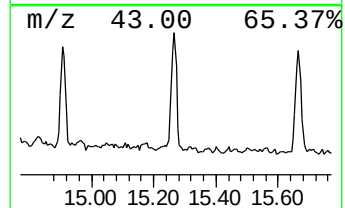
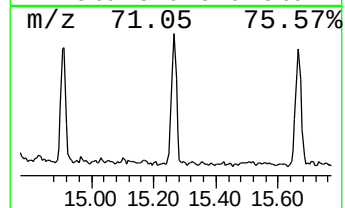
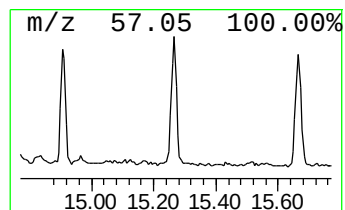
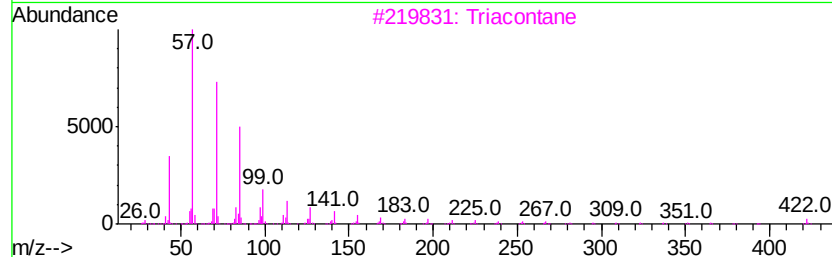
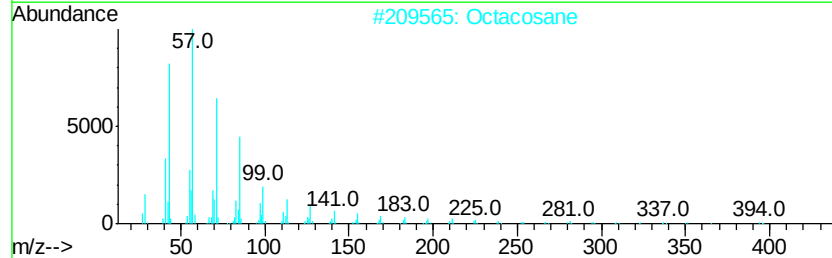
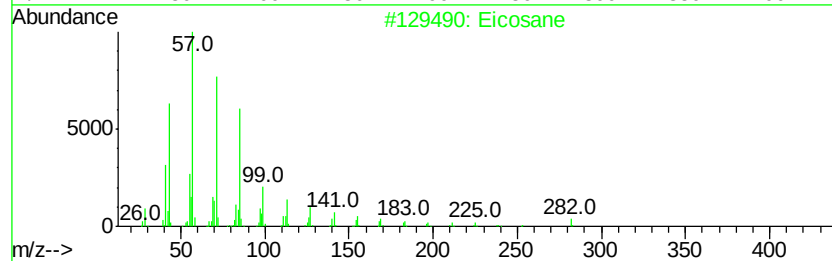
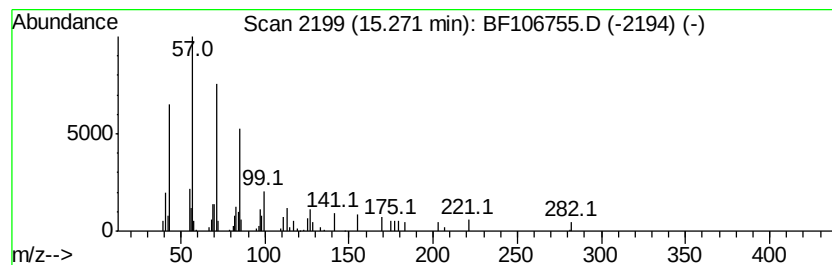
Instrument :
BNA_F
ClientSampleId :
W-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.06 ng	62620	Perylene-d12	15.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Octacosane	394 C28H58	000630-02-4	91
3	Triacotane	422 C30H62	000638-68-6	91
4	Heneicosane	296 C21H44	000629-94-7	90
5	2-methyloctacosane	408 C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106755.D
Acq On : 23 Jun 2018 12:35
Operator : JU/SJ
Sample : J3597-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-28

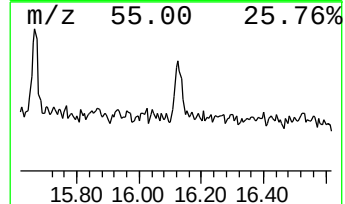
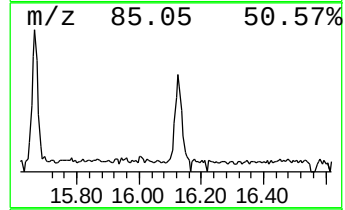
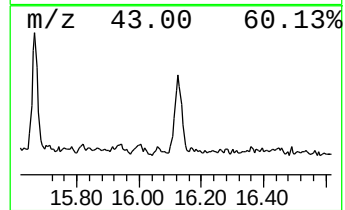
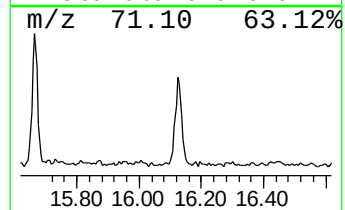
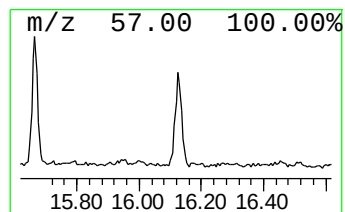
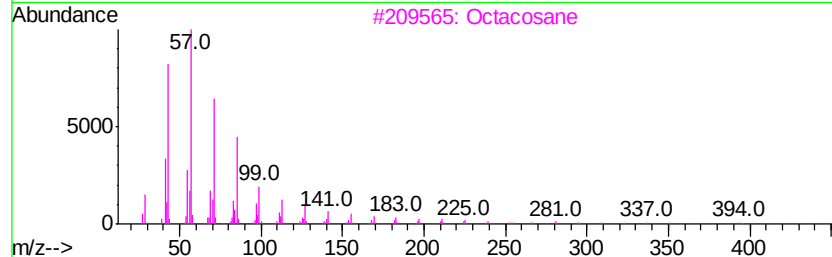
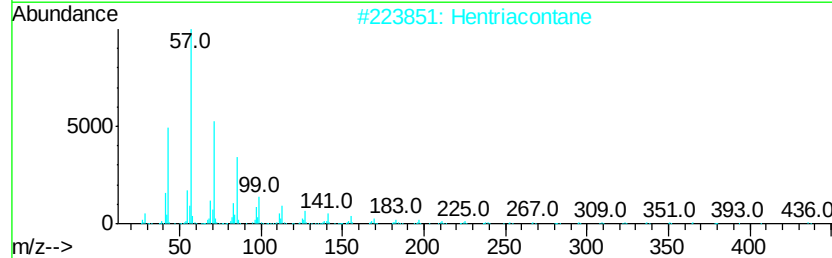
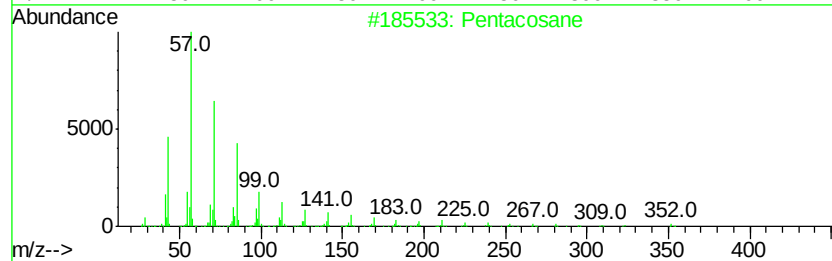
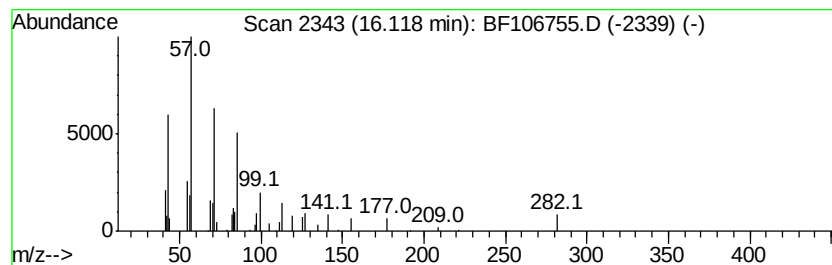
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.58 ng	55217	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Docosane	310	C22H46	000629-97-0	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106755.D
 Acq On : 23 Jun 2018 12:35
 Operator : JU/SJ
 Sample : J3597-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
unknown5.19	5.19	2.1	ng	26636	1	6.96	255561	20.0
unknown6.74	6.74	66.9	ng	854560	1	6.96	255561	20.0
Methane, diethoxy-	7.85	4.6	ng	62810	2	8.24	271886	20.0
1-Propanol, 2-(2-...	7.87	6.0	ng	81899	2	8.24	271886	20.0
Propanedioic acid...	7.97	5.9	ng	79832	2	8.24	271886	20.0
Octane, 2,4,6-tri...	10.88	2.3	ng	30974	4	11.49	274702	20.0
1,2-Benzenediol, ...	11.04	4.5	ng	61335	4	11.49	274702	20.0
Phenol, 4,4'-(1-m...	12.96	3.1	ng	56045	5	14.14	356132	20.0
Trichloroacetic a...	13.95	3.1	ng	55204	5	14.14	356132	20.0
Octacosane	14.28	2.1	ng	37266	5	14.14	356132	20.0
Tricosane	14.59	2.7	ng	48533	5	14.14	356132	20.0
Eicosane	15.27	4.1	ng	62620	6	15.68	308711	20.0
Pentacosane	16.12	3.6	ng	55217	6	15.68	308711	20.0