

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109620.D
 Acq On : 5 Oct 2018 20:35
 Operator : JU/SJ
 Sample : J5179-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

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-BF092218.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	4.898	475	478	486	rBV	45116	60943	2.97%	0.310%
2	5.328	547	551	573	rBV	1347888	1530814	74.71%	7.793%
3	6.351	721	725	736	rBV	1414669	1659879	81.01%	8.450%
4	6.475	742	746	762	rVB	1770839	1698760	82.91%	8.648%
5	6.698	781	784	792	rBV	503574	544371	26.57%	2.771%
6	6.857	807	811	820	rBV	1525108	1346160	65.70%	6.853%
7	7.263	876	880	893	rBV	1003152	1078708	52.65%	5.491%
8	7.981	998	1002	1018	rBV	737599	728470	35.55%	3.708%
9	9.057	1180	1185	1201	rBV	2291814	2048983	100.00%	10.431%
10	9.451	1248	1252	1259	rBV	82900	88964	4.34%	0.453%
11	9.728	1296	1299	1309	rBV	760707	734002	35.82%	3.737%
12	10.392	1409	1412	1418	rBV	79429	100406	4.90%	0.511%
13	10.516	1429	1433	1438	rBV	961212	984085	48.03%	5.010%
14	10.604	1446	1448	1452	rBV2	50312	53674	2.62%	0.273%
15	10.657	1454	1457	1463	rVB	247238	252174	12.31%	1.284%
16	11.122	1533	1536	1540	rBV	572624	572791	27.95%	2.916%
17	11.210	1548	1551	1554	rBV	520510	481218	23.49%	2.450%
18	11.474	1593	1596	1599	rBV2	318750	358027	17.47%	1.823%
19	12.280	1730	1733	1738	rVB	1040411	1049353	51.21%	5.342%
20	12.804	1819	1822	1826	rBV2	1126761	1250254	61.02%	6.365%
21	14.615	2128	2130	2133	rVB	296516	237728	11.60%	1.210%
22	14.927	2180	2183	2186	rVB	413458	445778	21.76%	2.269%
23	15.251	2234	2238	2240	rBV	389226	519024	25.33%	2.642%
24	15.274	2240	2242	2247	rVB	445910	485556	23.70%	2.472%
25	15.668	2305	2309	2315	rVB	309390	440458	21.50%	2.242%
26	16.127	2382	2387	2399	rVB3	185485	401540	19.60%	2.044%
27	16.357	2423	2426	2437	rVB	87484	150493	7.34%	0.766%
28	16.662	2474	2478	2485	rVB2	71735	134320	6.56%	0.684%
29	16.851	2505	2510	2519	rVB	95634	206706	10.09%	1.052%

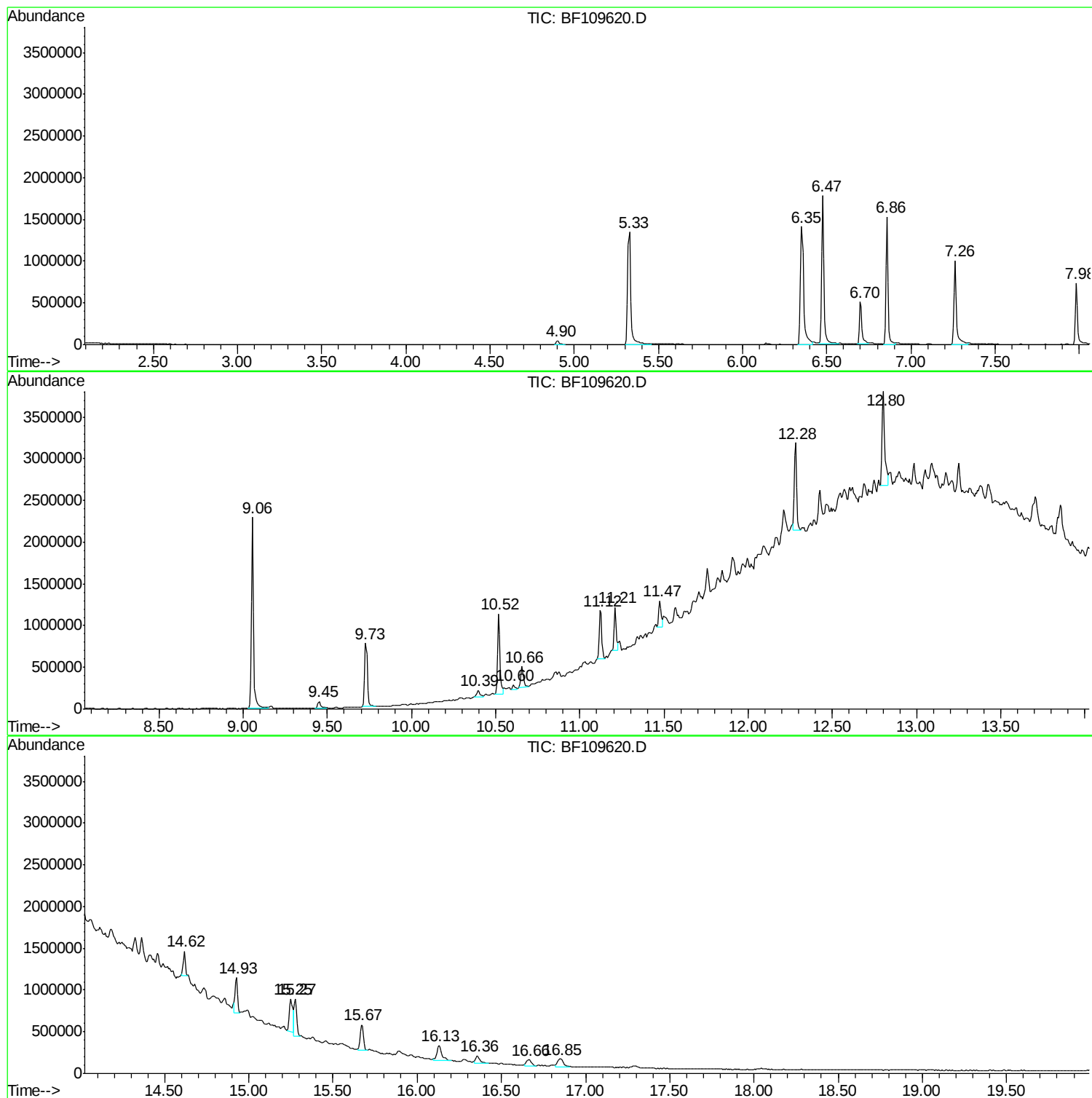
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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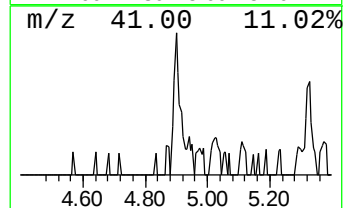
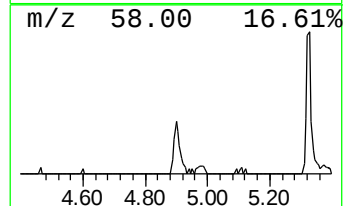
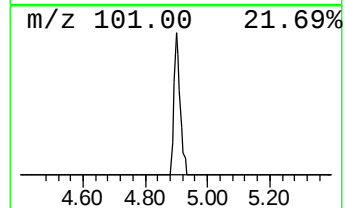
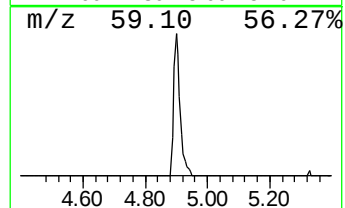
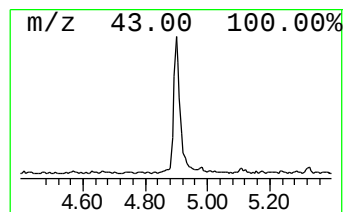
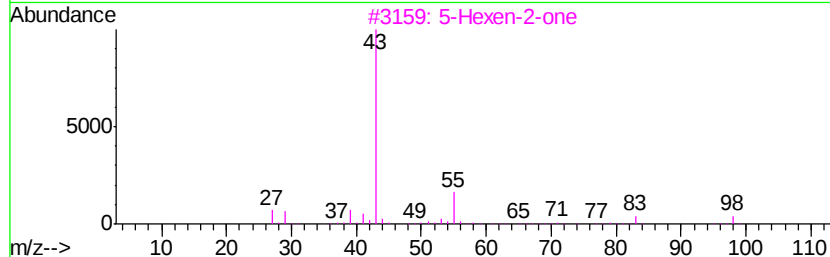
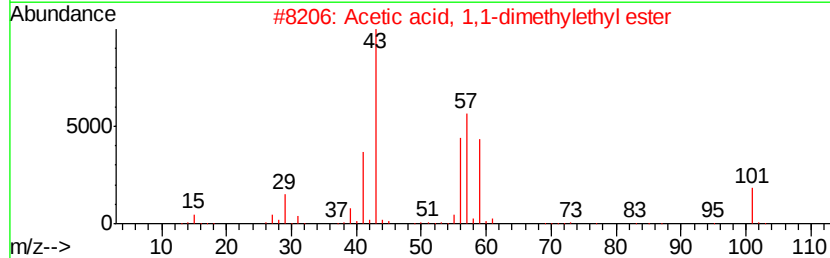
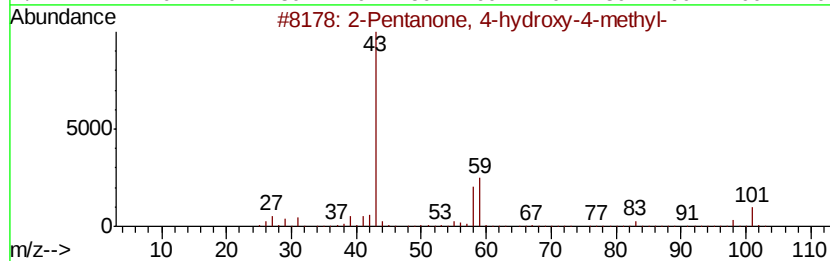
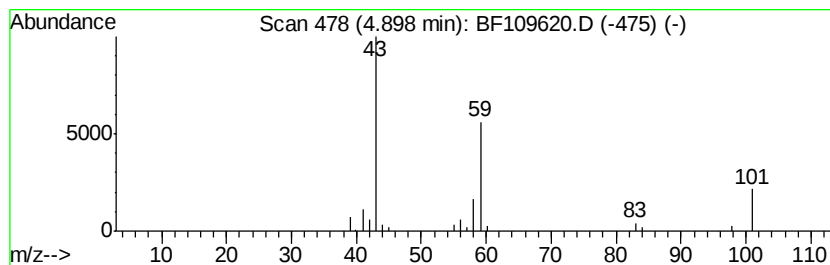
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.24 ng	60943	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Acetone	58	C3H6O	000067-64-1	9
5			2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9



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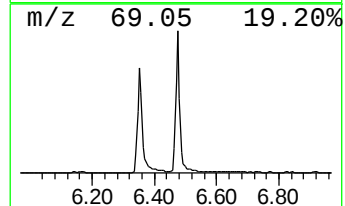
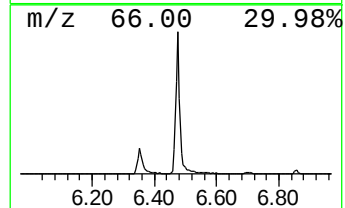
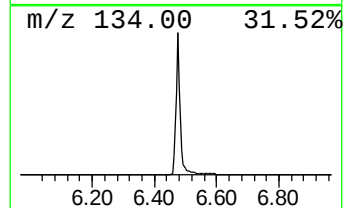
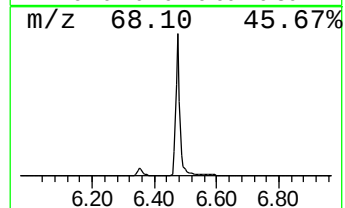
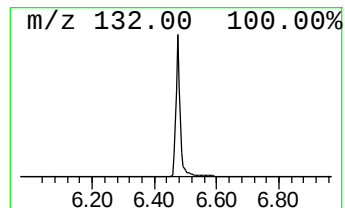
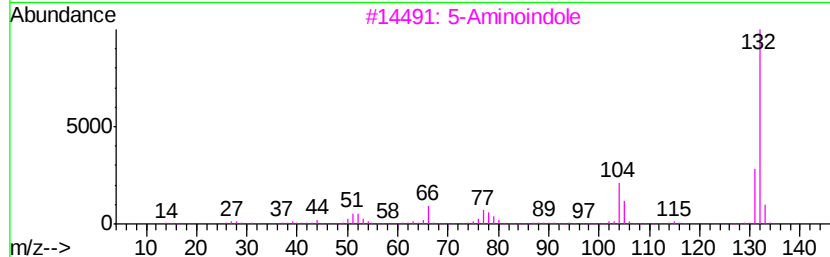
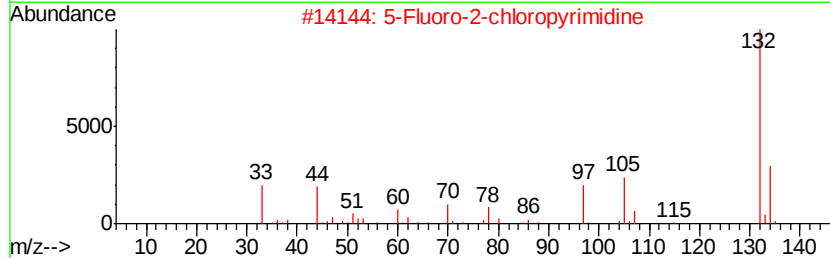
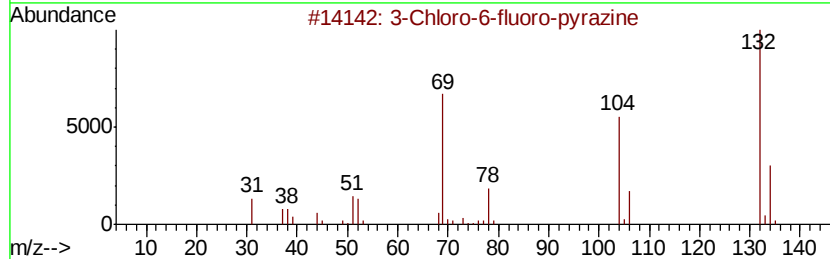
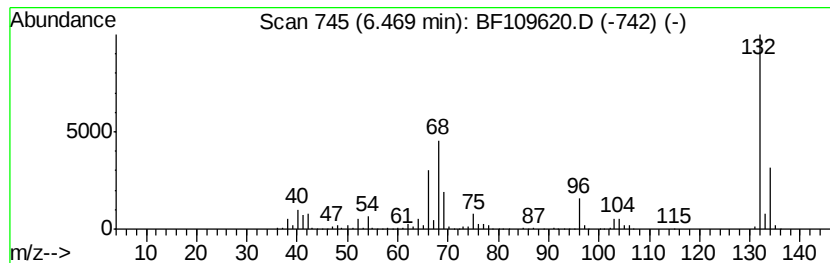
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Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	62.41 ng	1698760	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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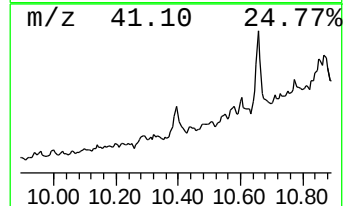
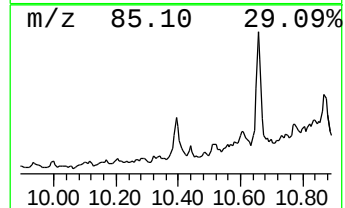
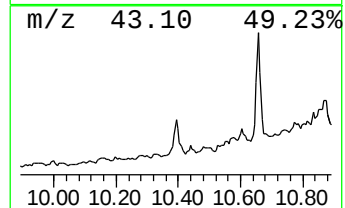
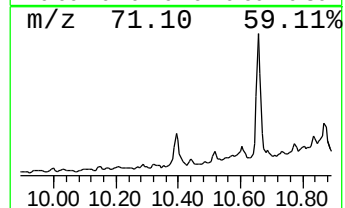
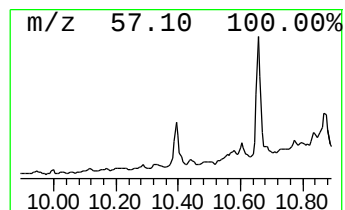
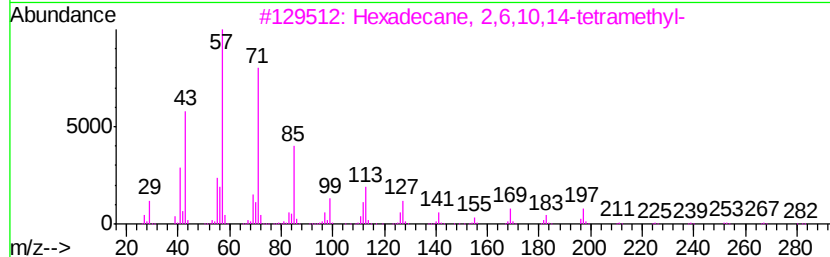
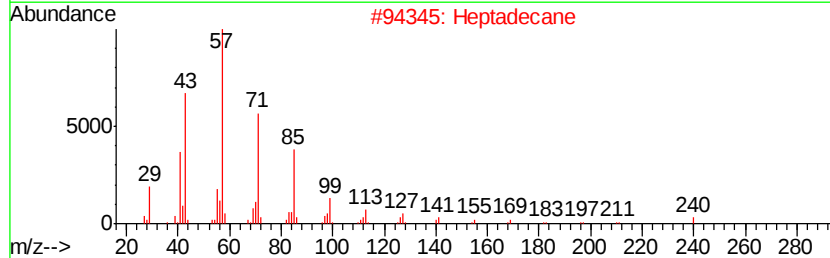
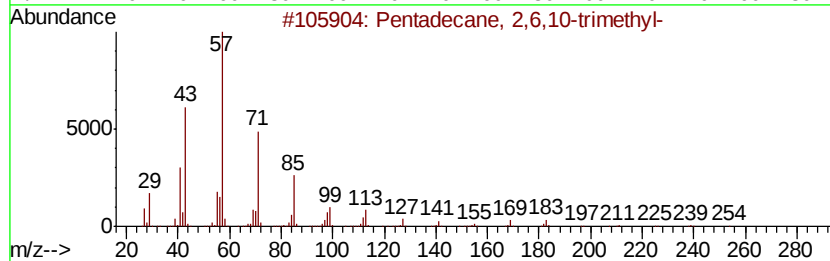
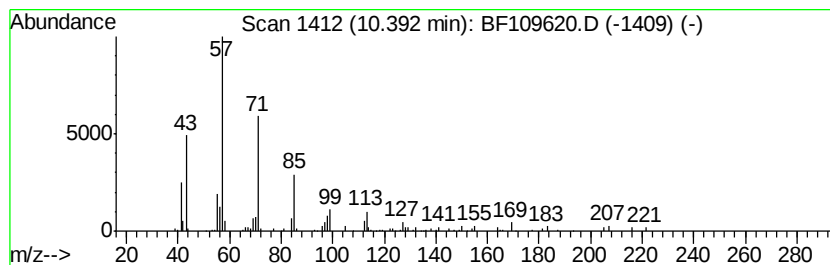
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Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	2.74 ng	100406	Acenaphthene-d10	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	90
2	Heptadecane	240 C17H36	000629-78-7	78
3	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	72
4	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	64
5	Tetradecane	198 C14H30	000629-59-4	53



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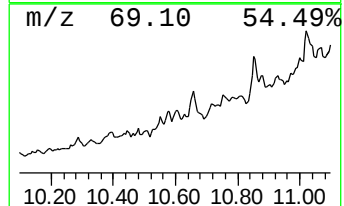
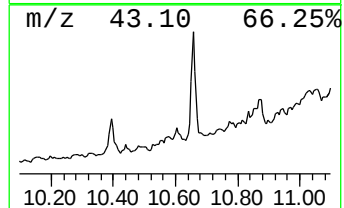
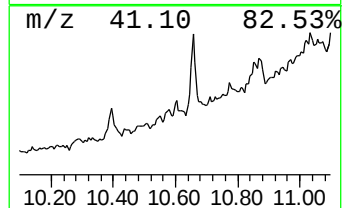
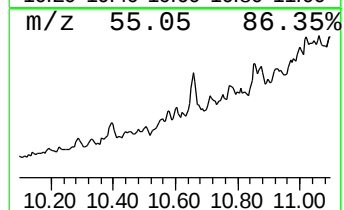
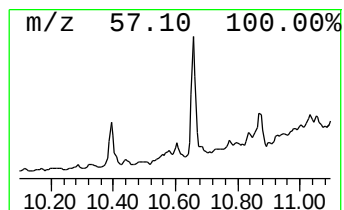
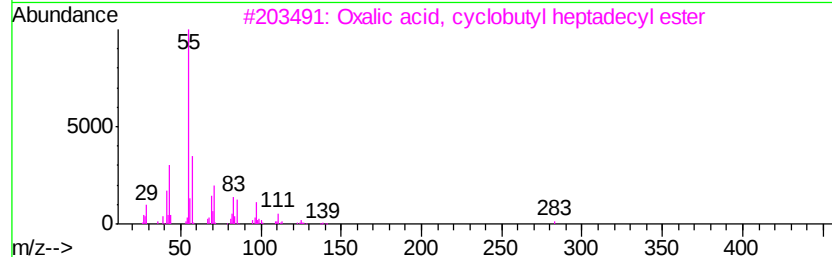
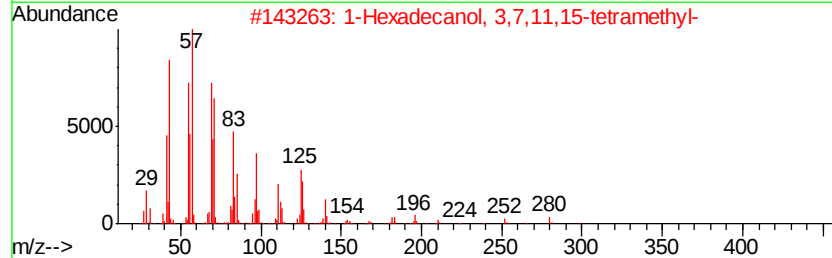
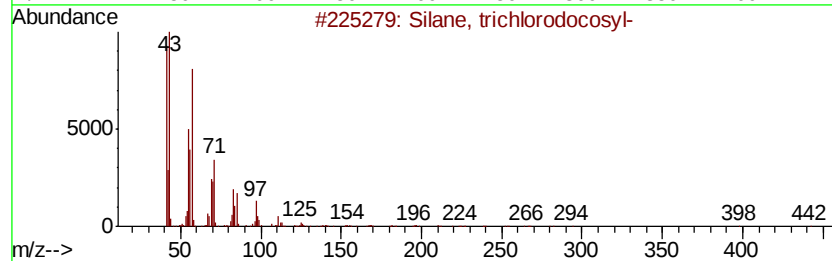
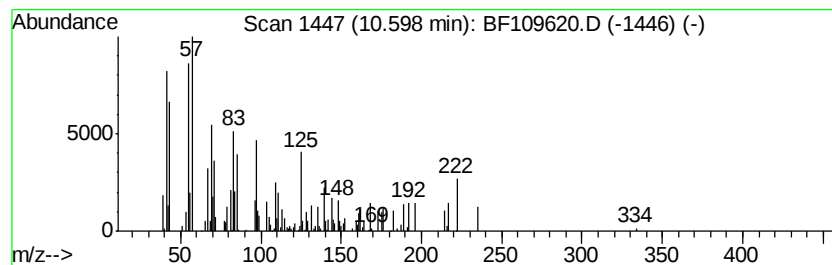
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Peak Number 5 Silane, trichlorodocosyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.23 ng	53674	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	58
2		1-Hexadecanol, 3,7,11,15-tetrame...	298	C20H42O	000645-72-7	58
3		Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	58
4		Cyclotetradecane	196	C14H28	000295-17-0	46
5		1-Tetradecene	196	C14H28	001120-36-1	41



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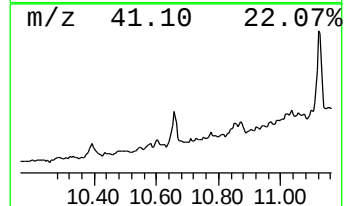
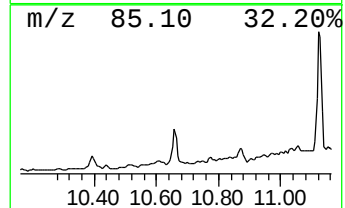
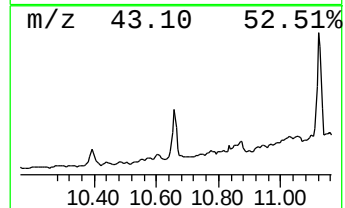
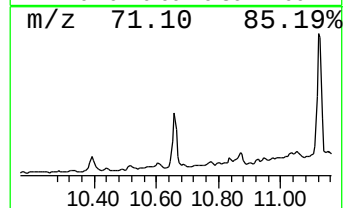
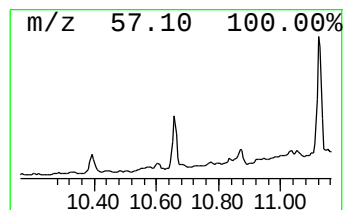
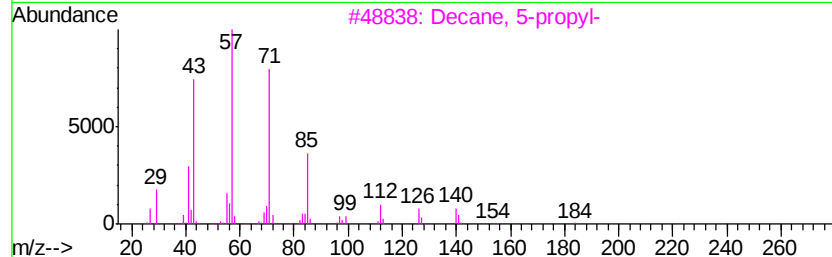
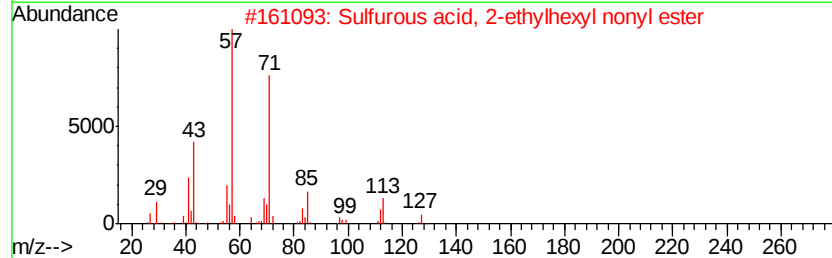
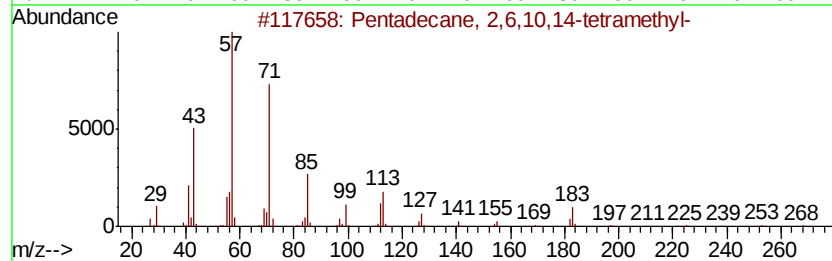
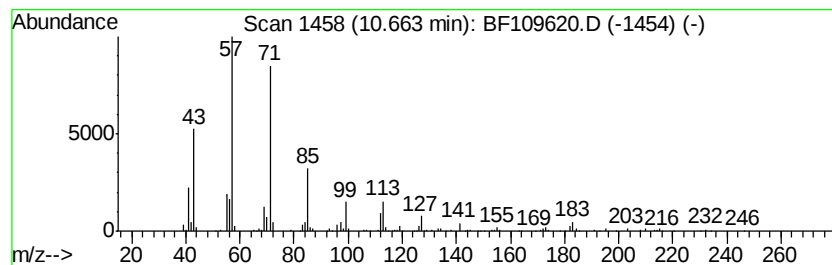
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Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	10.48 ng	252174	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	83
3		Decane, 5-propyl-	184	C13H28	017312-62-8	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80



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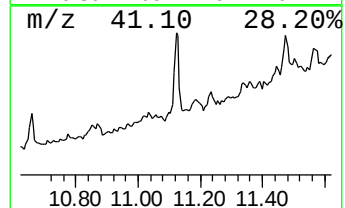
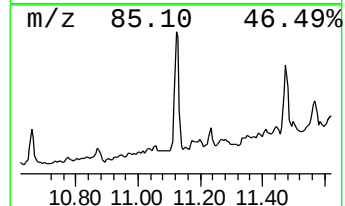
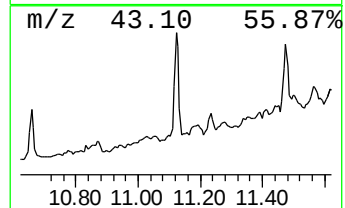
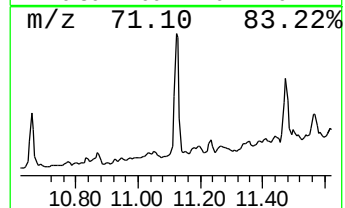
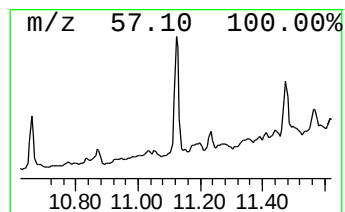
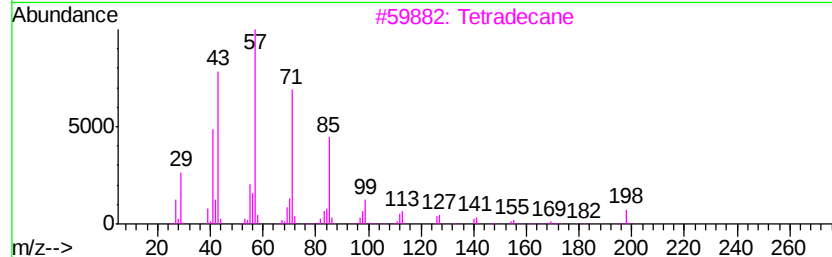
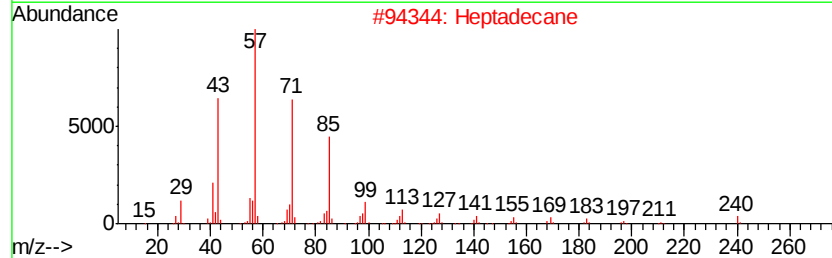
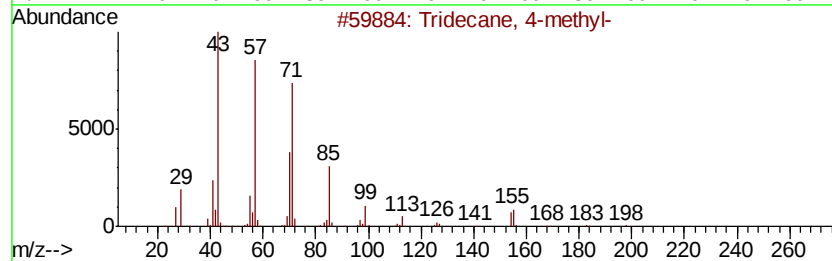
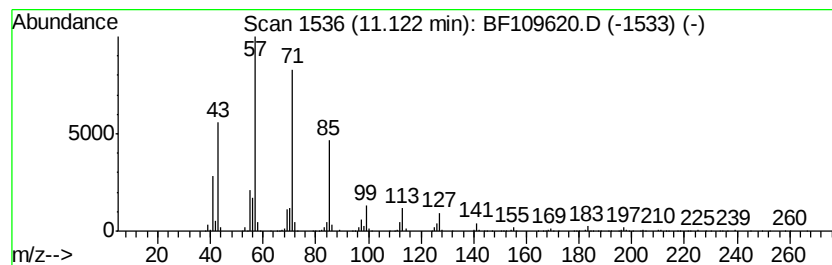
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	23.81 ng	572791	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109620.D
Acq On : 5 Oct 2018 20:35
Operator : JU/SJ
Sample : J5179-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T1-GRAVEL

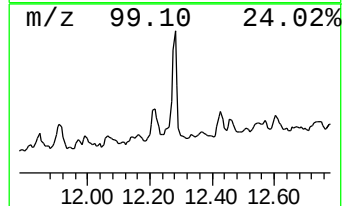
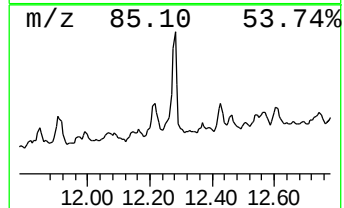
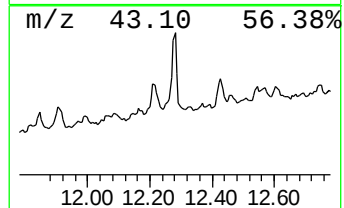
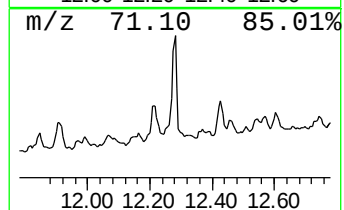
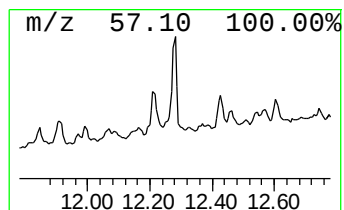
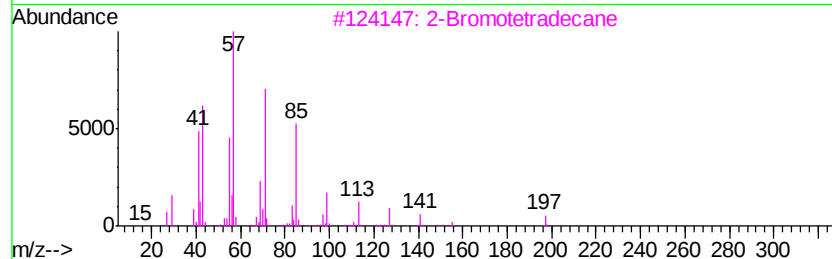
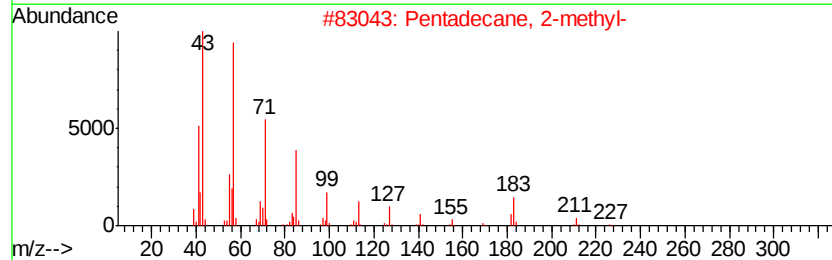
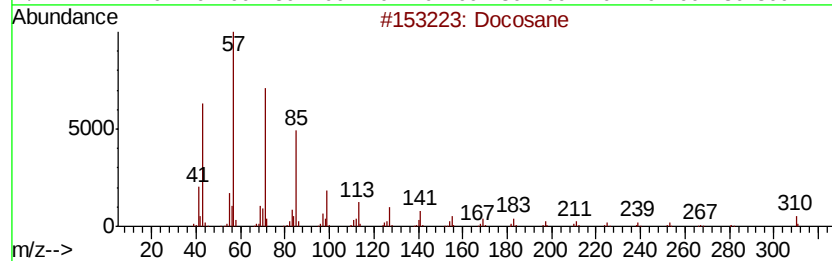
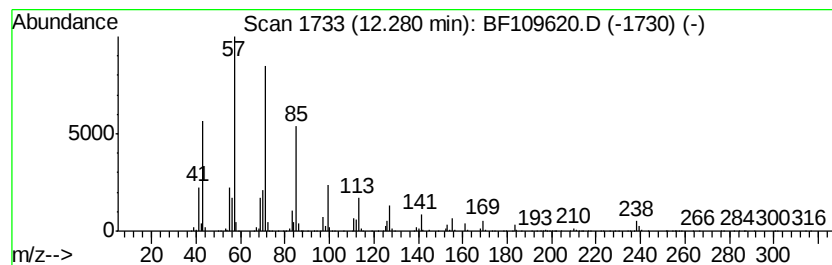
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	43.61 ng	1049350	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	87
2	Pentadecane, 2-methyl-		226	C16H34	001560-93-6	83
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	83
4	Tridecane, 5-propyl-		226	C16H34	055045-11-9	81
5	Tetracosane		338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
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 ClientSampleId :
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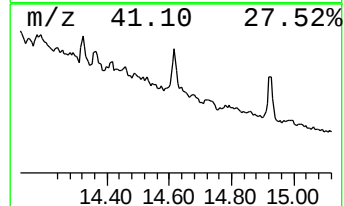
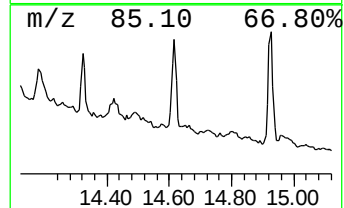
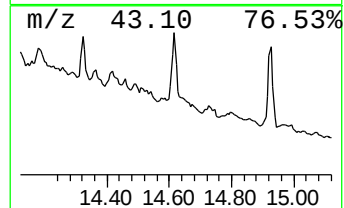
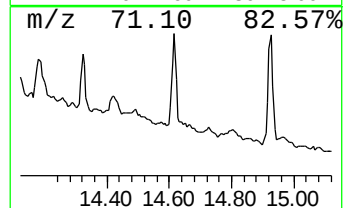
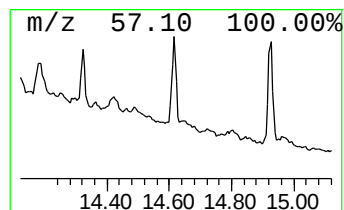
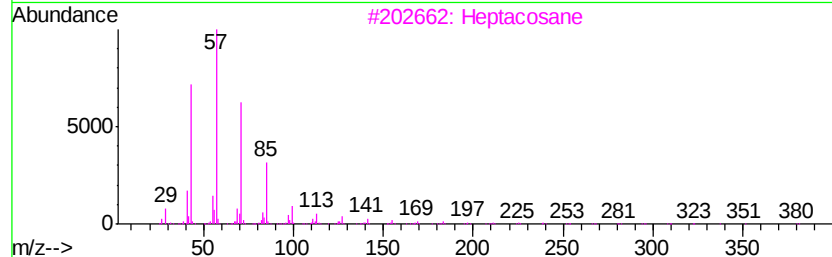
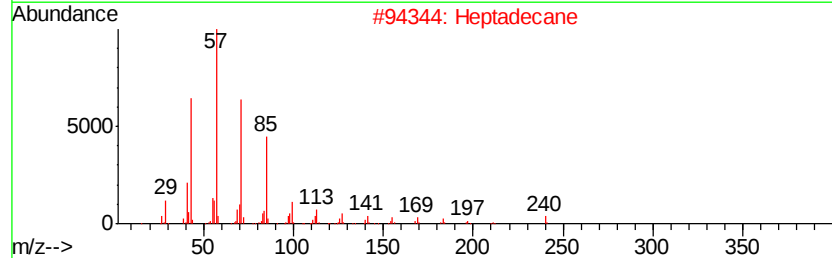
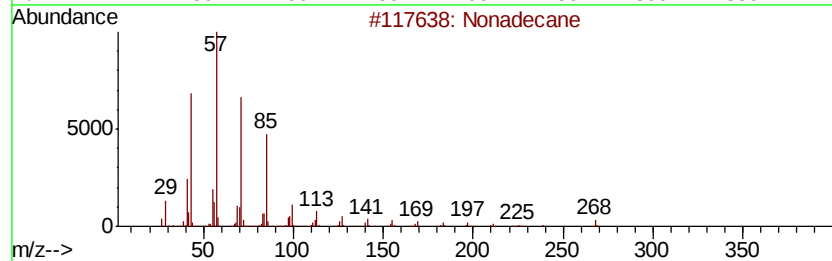
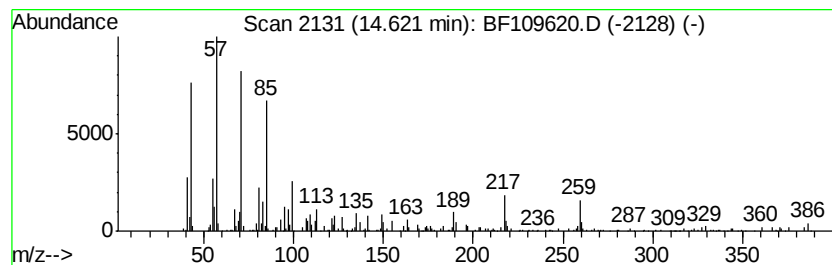
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	9.16 ng	237728	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Heptadecane	240	C17H36	000629-78-7	86
3		Heptacosane	380	C27H56	000593-49-7	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109620.D
Acq On : 5 Oct 2018 20:35
Operator : JU/SJ
Sample : J5179-05
Misc :
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Instrument :
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ClientSampleId :
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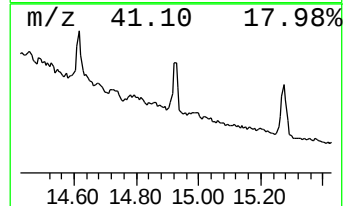
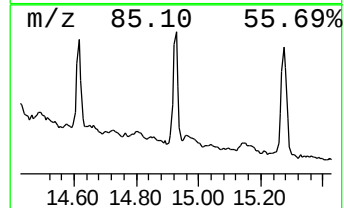
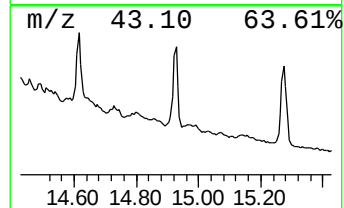
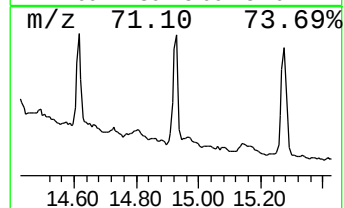
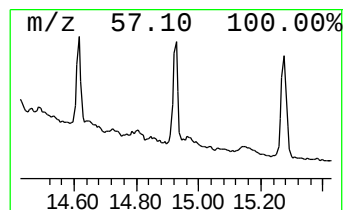
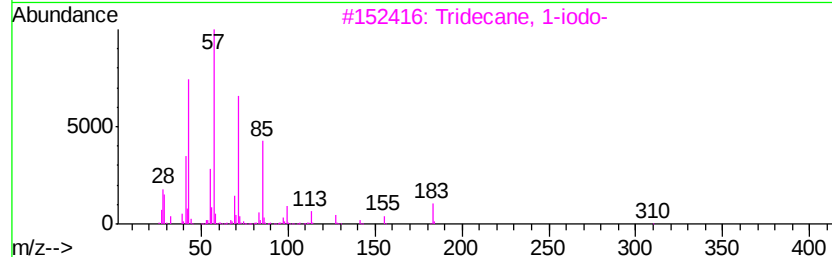
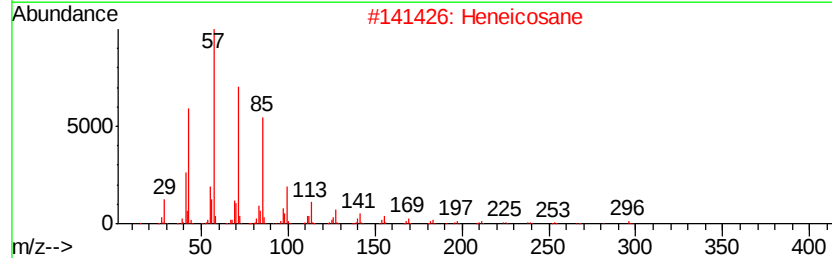
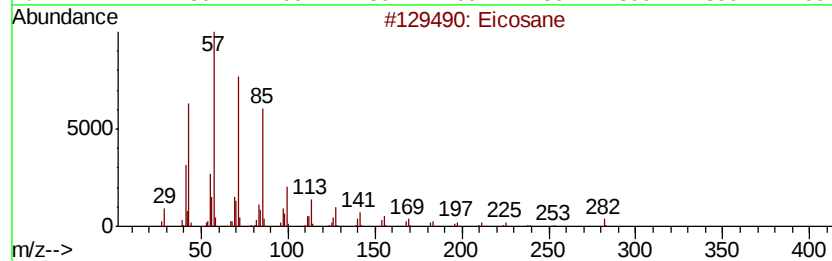
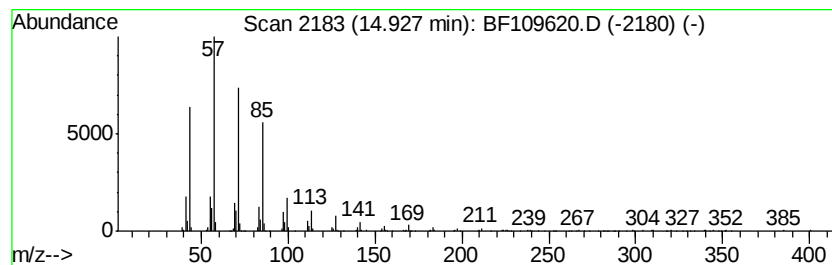
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	17.18 ng	445778	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
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Acq On : 5 Oct 2018 20:35
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Misc :
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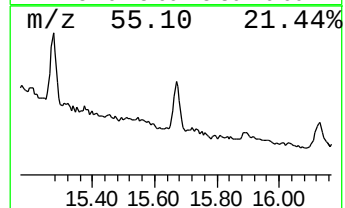
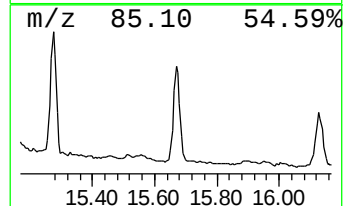
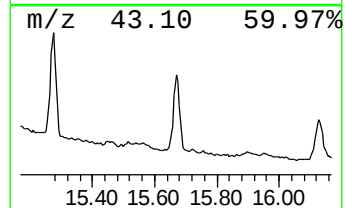
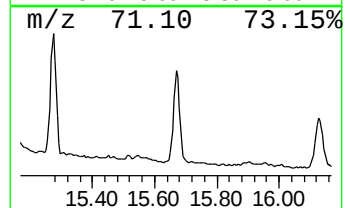
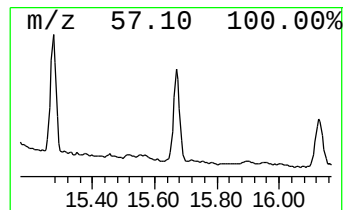
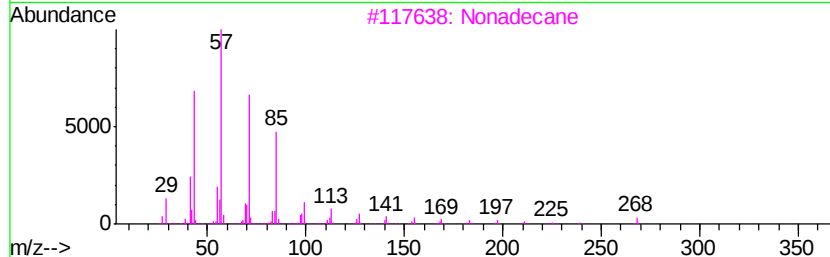
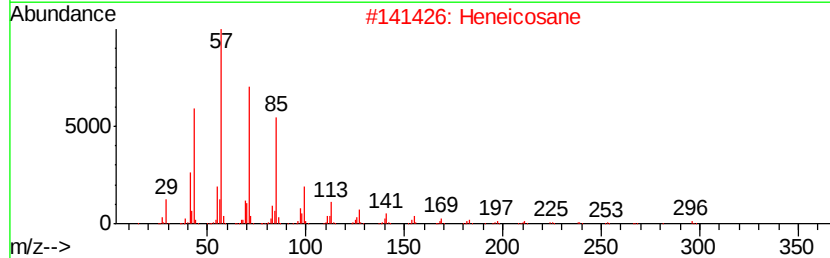
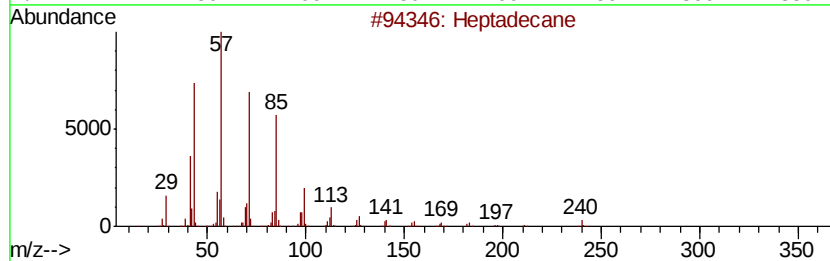
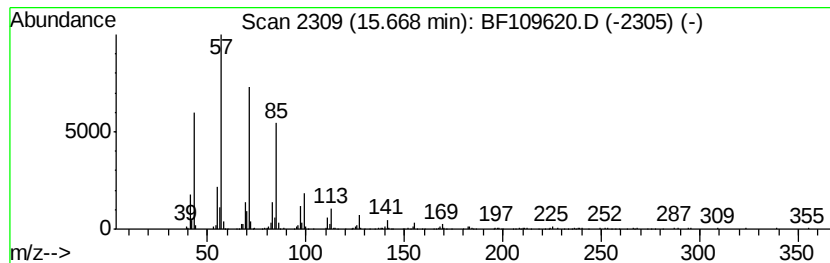
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	16.97 ng	440458	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90



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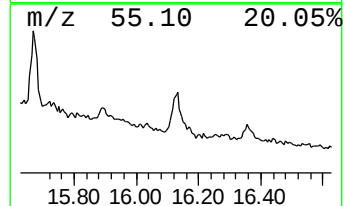
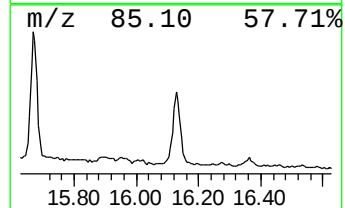
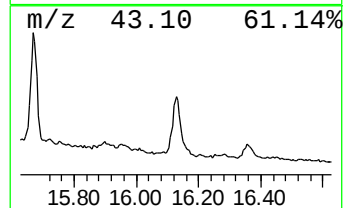
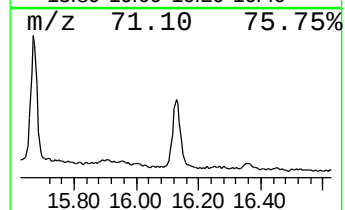
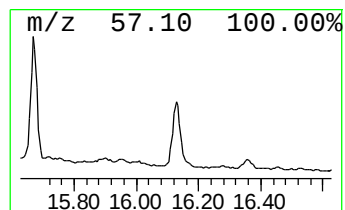
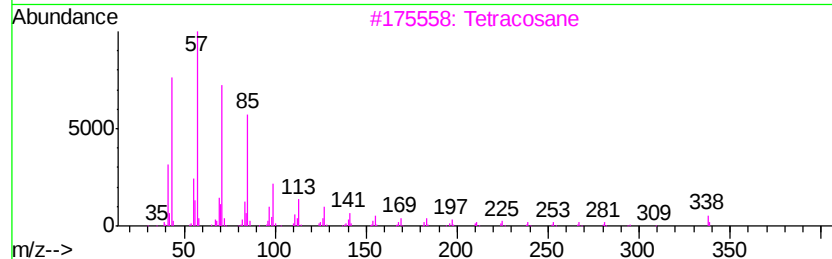
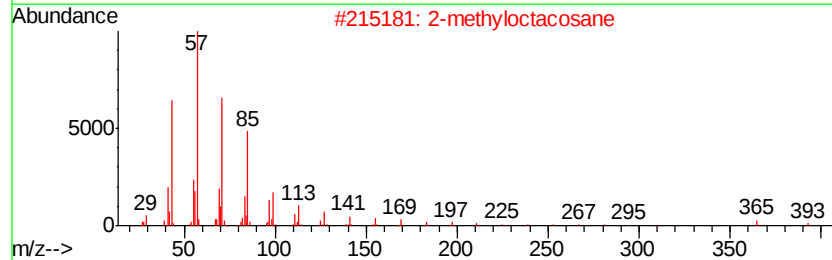
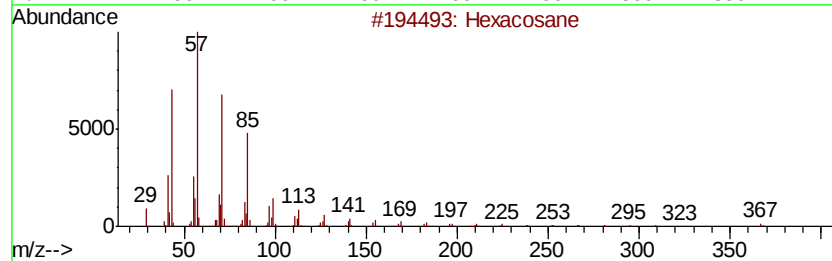
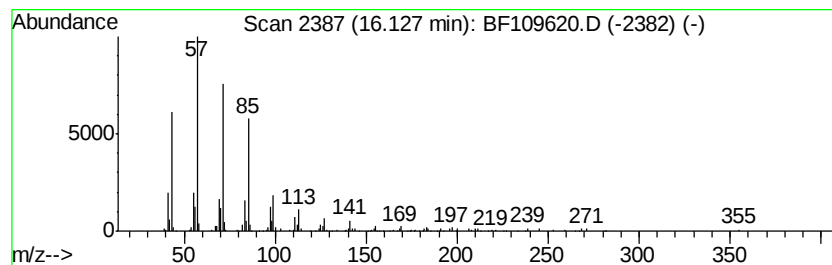
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	15.47 ng	401540	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
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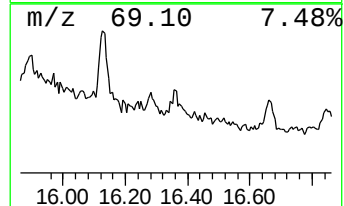
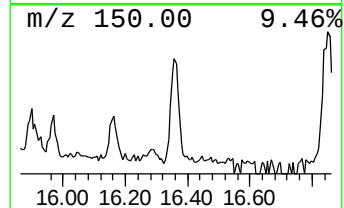
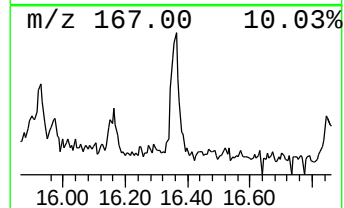
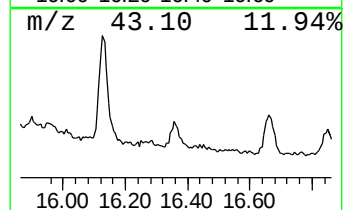
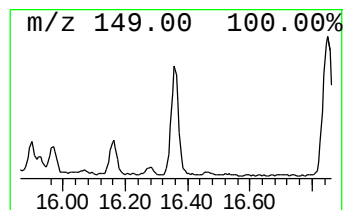
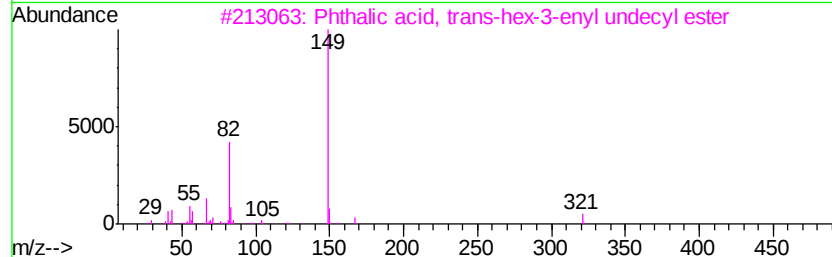
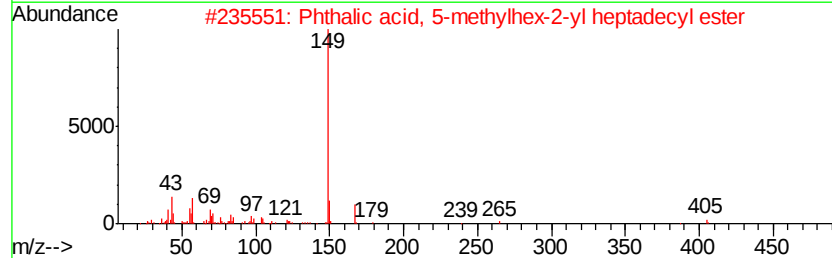
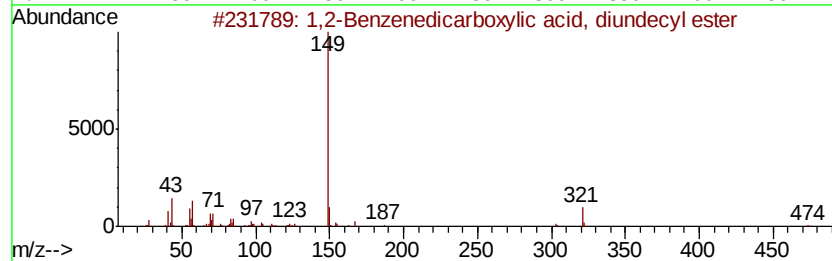
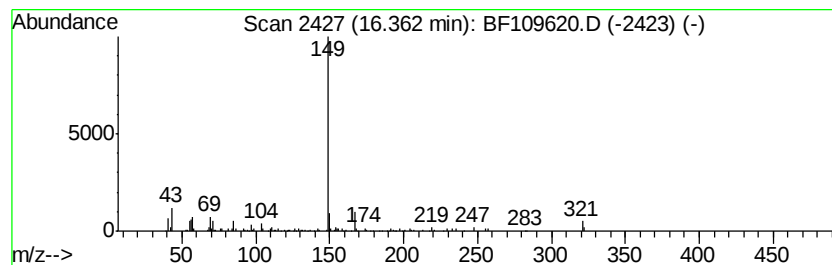
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	5.80 ng	150493	Perylene-d12	15.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	80
2			Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	80
3			Phthalic acid, trans-hex-3-enyl ...	402	C25H38O4	1000360-48-9	78
4			Phthalic acid, 4-methylhept-3-yl...	432	C27H44O4	1000377-94-6	78
5			Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
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ALS Vial : 6 Sample Multiplier: 1

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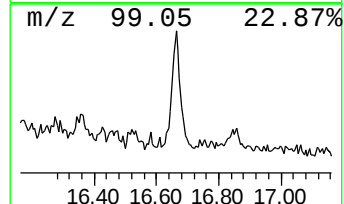
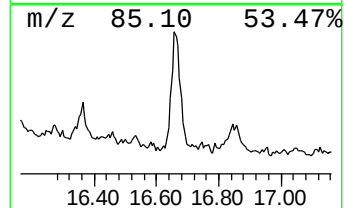
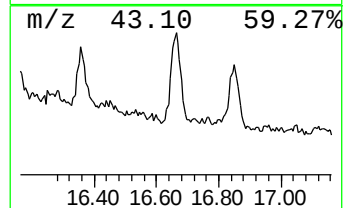
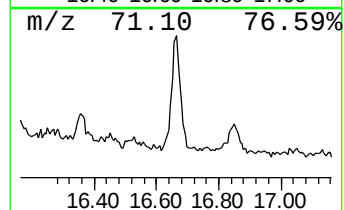
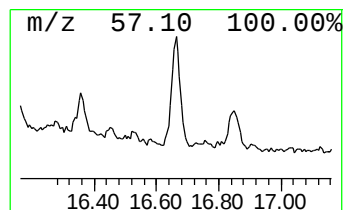
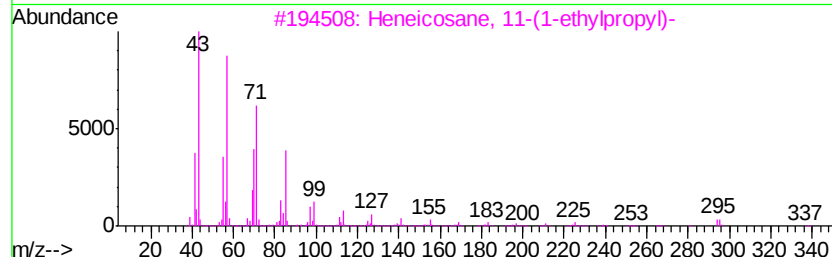
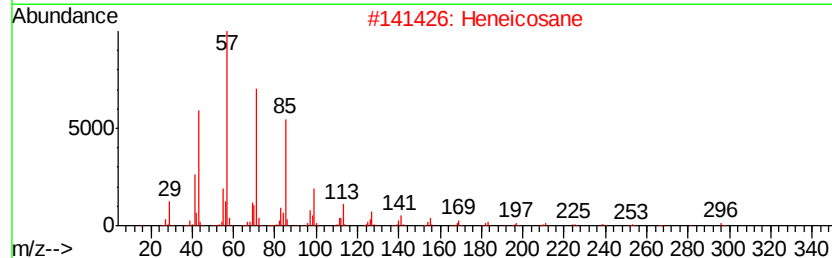
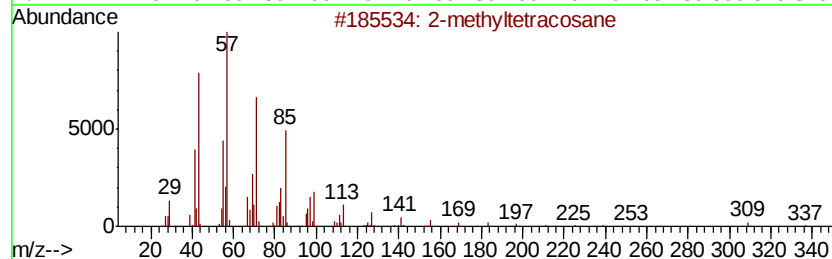
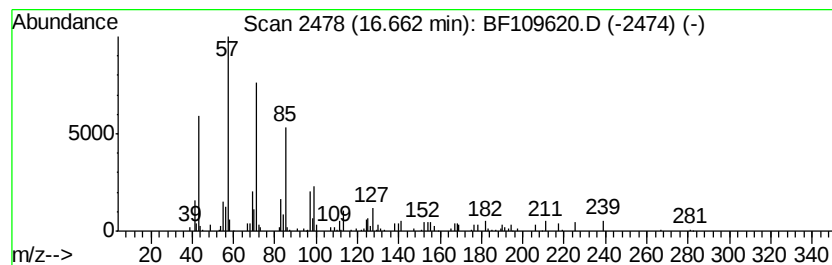
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-methyltetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.18 ng	134320	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyltetracosane	352	C25H52	1000376-72-6	86
2		Heneicosane	296	C21H44	000629-94-7	83
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4		2-methyloctacosane	408	C29H60	1000376-72-8	80
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109620.D
Acq On : 5 Oct 2018 20:35
Operator : JU/SJ
Sample : J5179-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T1-GRAVEL

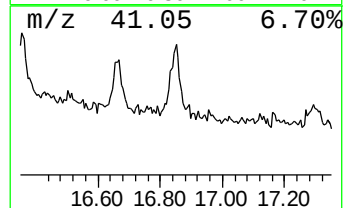
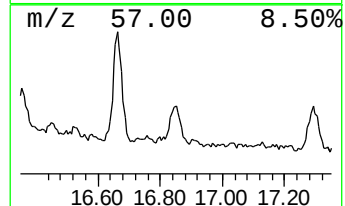
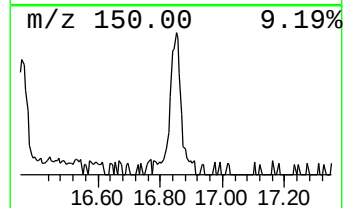
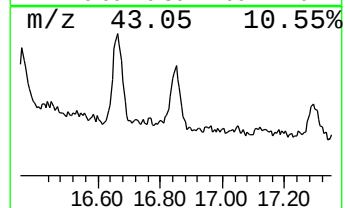
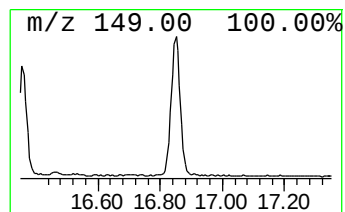
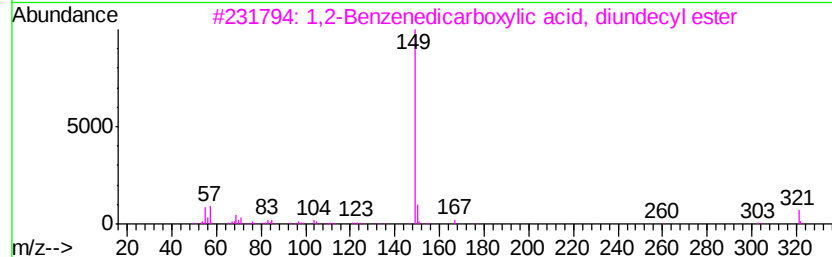
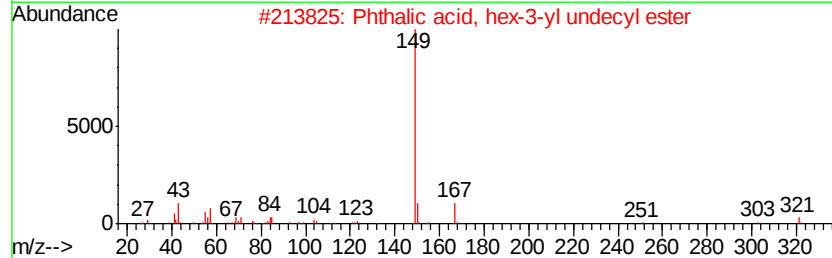
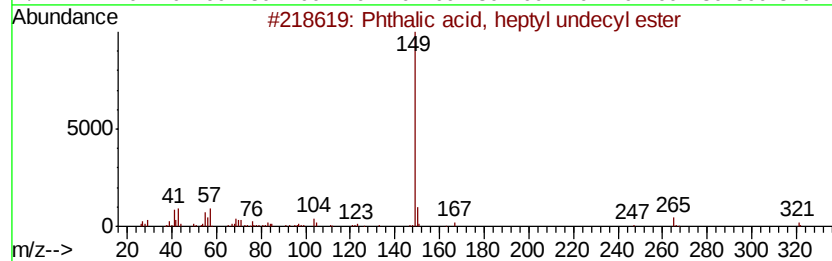
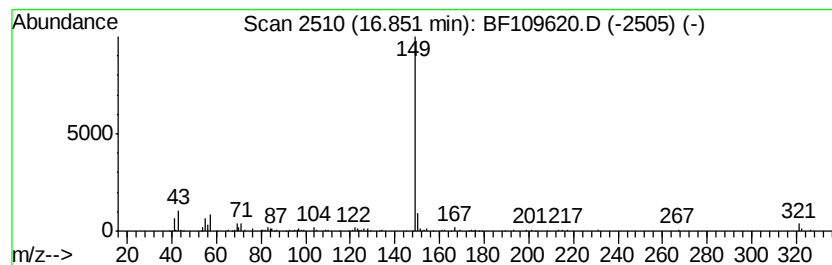
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phthalic acid, heptyl undec... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	7.97 ng	206706	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	80
2		Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	80
3		1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	80
4		Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	72
5		Phthalic acid, 2-ethylbutyl unde...	404	C25H40O4	1000356-89-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109620.D
 Acq On : 5 Oct 2018 20:35
 Operator : JU/SJ
 Sample : J5179-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
2-Pentanone, 4-hy...	4.90	2.2	ng	60943	1	6.70	544371	20.0
unknown6.47	6.47	62.4	ng	1698760	1	6.70	544371	20.0
Pentadecane, 2,6,...	10.39	2.7	ng	100406	3	9.73	734002	20.0
Silane, trichloro...	10.60	2.2	ng	53674	4	11.21	481218	20.0
Pentadecane, 2,6,...	10.66	10.5	ng	252174	4	11.21	481218	20.0
Tridecane, 4-methyl-	11.12	23.8	ng	572791	4	11.21	481218	20.0
Docosane	12.28	43.6	ng	1049350	4	11.21	481218	20.0
Nonadecane	14.62	9.2	ng	237728	6	15.25	519024	20.0
Eicosane	14.93	17.2	ng	445778	6	15.25	519024	20.0
Heptadecane	15.67	17.0	ng	440458	6	15.25	519024	20.0
Hexacosane	16.13	15.5	ng	401540	6	15.25	519024	20.0
1,2-Benzenedicarb...	16.36	5.8	ng	150493	6	15.25	519024	20.0
2-methyltetracosane	16.66	5.2	ng	134320	6	15.25	519024	20.0
Phthalic acid, he...	16.85	8.0	ng	206706	6	15.25	519024	20.0