

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019067.D
 Acq On : 06 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K1705-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW003-022719

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-BM021119.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	5.269	365	371	386	rBV	3729779	5487360	58.43%	6.455%
2	6.852	633	640	662	rBV	3671328	6249372	66.55%	7.352%
3	7.210	693	701	719	rBV	3837241	6172565	65.73%	7.261%
4	7.675	773	780	787	rBV	1247668	1980079	21.08%	2.329%
5	7.987	826	833	846	rBV	2661013	4359119	46.42%	5.128%
6	8.840	971	978	994	rBV	2032903	3505813	37.33%	4.124%
7	10.457	1246	1253	1267	rBV	1547048	2615300	27.85%	3.077%
8	12.940	1666	1675	1691	rBV	4591614	6860469	73.05%	8.071%
9	13.792	1814	1820	1827	rBV	182549	280077	2.98%	0.329%
10	14.328	1900	1911	1927	rBV2	2171396	3362570	35.81%	3.956%
11	15.828	2159	2166	2184	rBV	3974859	5953589	63.40%	7.004%
12	17.080	2373	2379	2385	rBV	2685113	3884163	41.36%	4.569%
13	17.975	2524	2531	2541	rBV	750674	1252857	13.34%	1.474%
14	19.145	2726	2730	2735	rVB	113935	169286	1.80%	0.199%
15	19.257	2744	2749	2764	rBV	473521	821511	8.75%	0.966%
16	19.510	2789	2792	2802	rVB	97771	145451	1.55%	0.171%
17	19.716	2821	2827	2837	rBV	7600105	9391057	100.00%	11.048%
18	20.516	2959	2963	2966	rVB	105047	122214	1.30%	0.144%
19	20.974	3037	3041	3051	rBV	975321	1296746	13.81%	1.525%
20	21.186	3073	3077	3081	rBV	326309	366991	3.91%	0.432%
21	21.280	3087	3093	3104	rBV	3415377	4459437	47.49%	5.246%
22	21.415	3112	3116	3121	rBV	793476	883584	9.41%	1.039%
23	21.845	3185	3189	3192	rBV	1349345	1671911	17.80%	1.967%
24	22.310	3263	3268	3273	rBV	1750707	2278138	24.26%	2.680%
25	22.809	3348	3353	3358	rBV	1778683	2563850	27.30%	3.016%
26	23.374	3444	3449	3455	rBV	1414522	2336074	24.88%	2.748%
27	23.521	3468	3474	3488	rVB	1810740	3576757	38.09%	4.208%
28	24.021	3553	3559	3567	rVB	1060414	1980377	21.09%	2.330%
29	24.768	3680	3686	3694	rBV	468910	978179	10.42%	1.151%

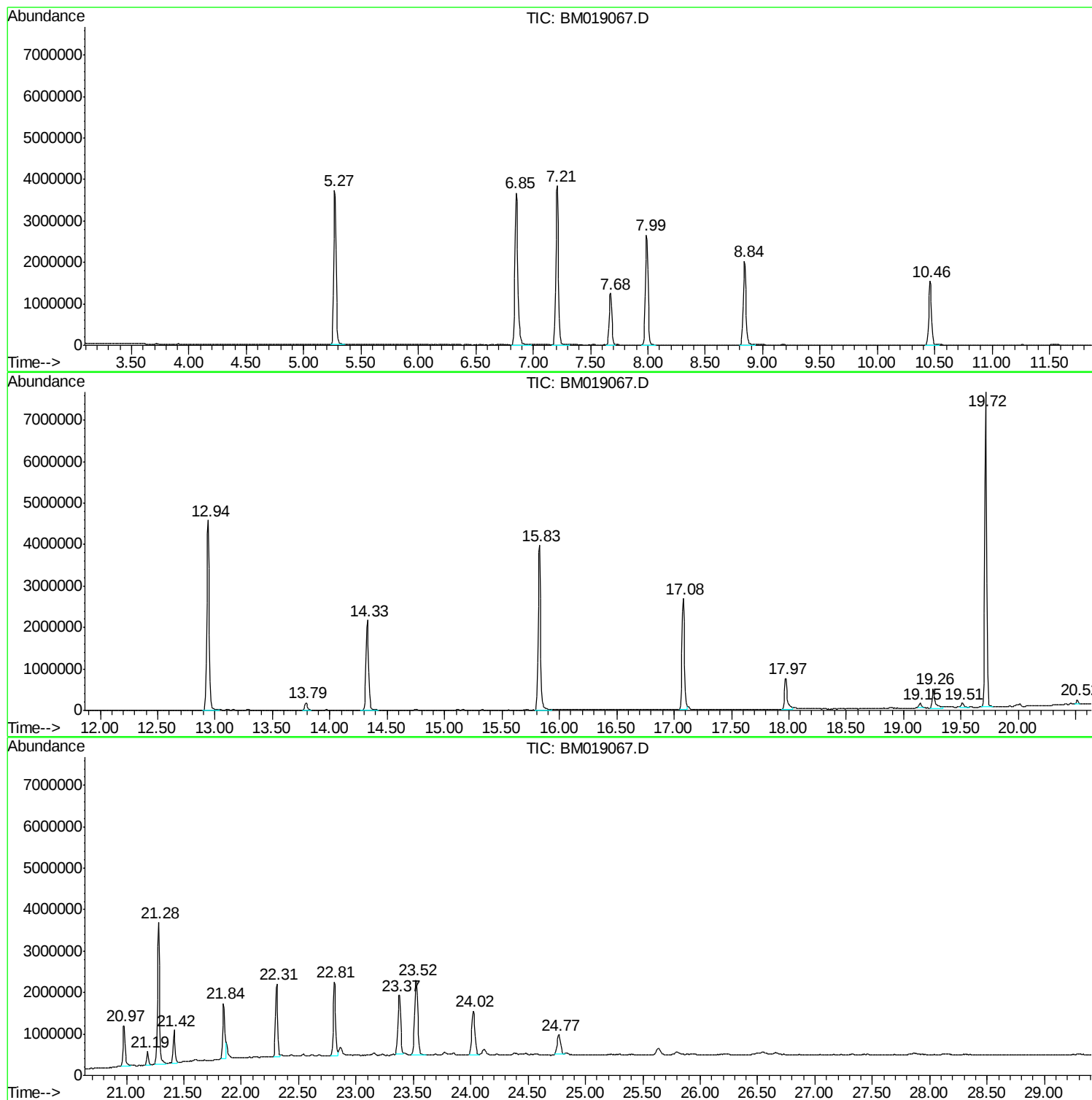
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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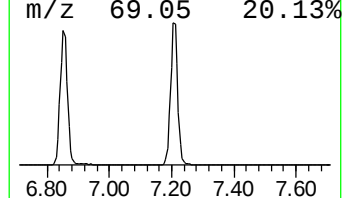
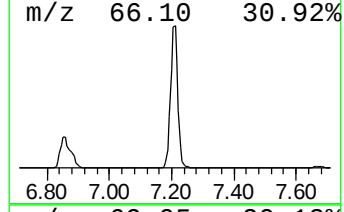
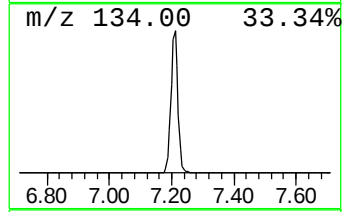
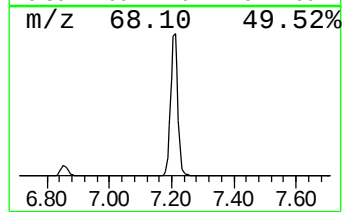
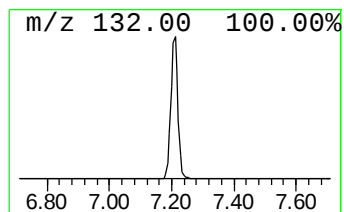
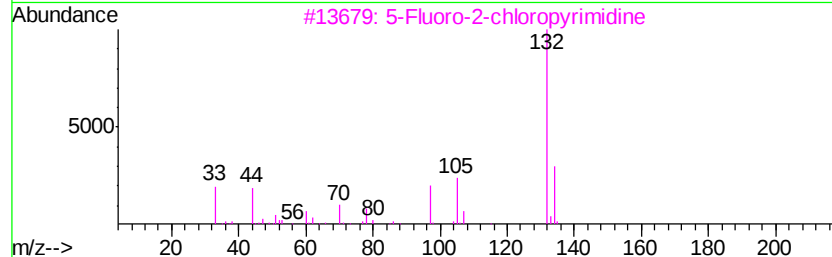
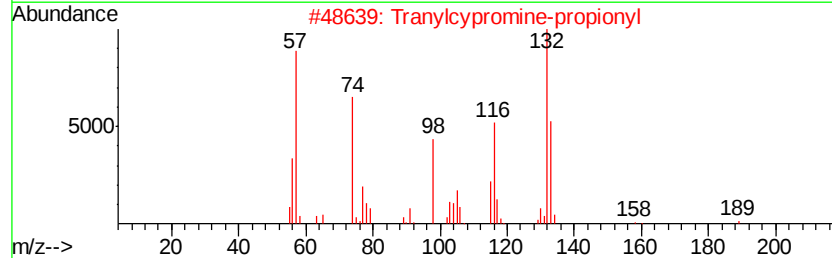
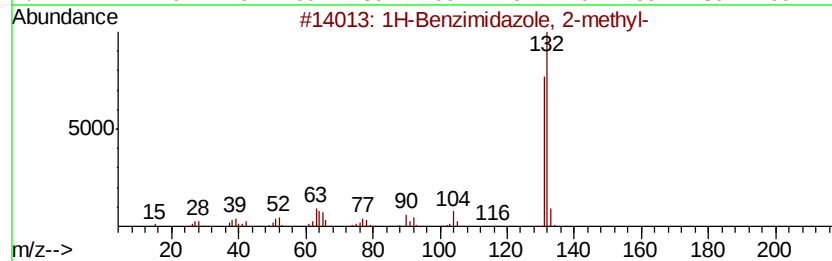
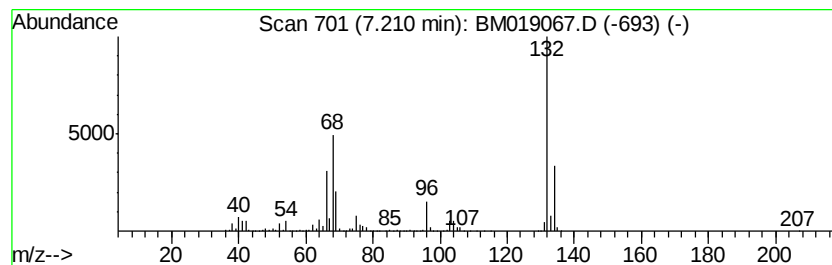
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	62.35 ng	6172570	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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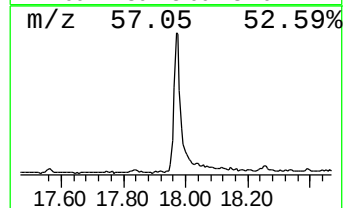
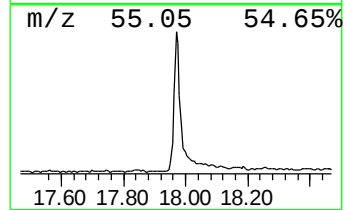
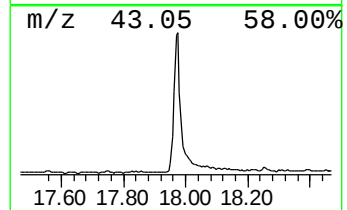
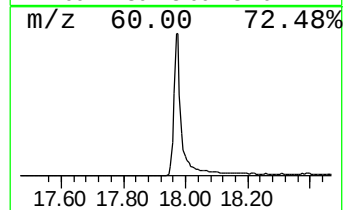
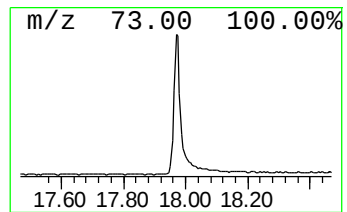
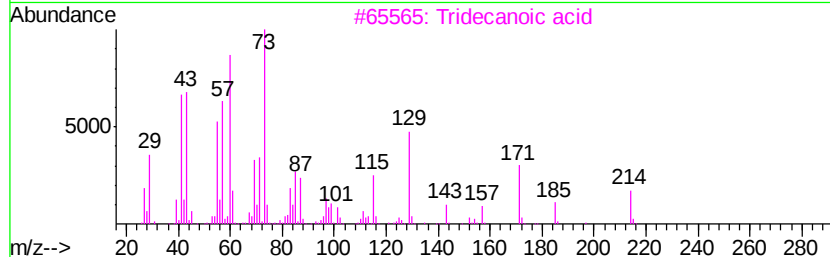
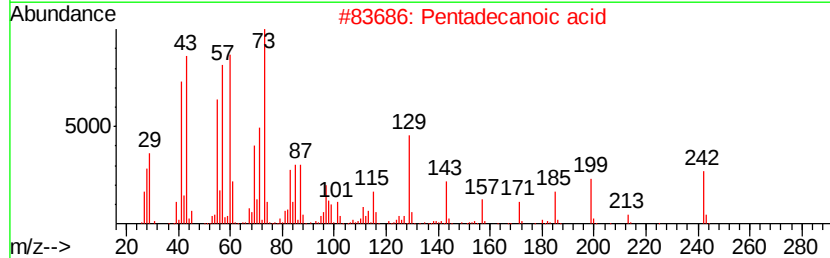
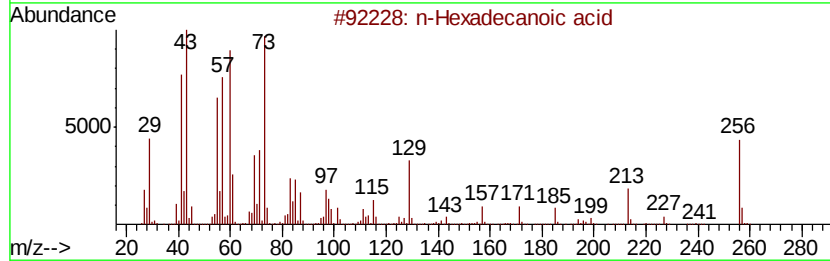
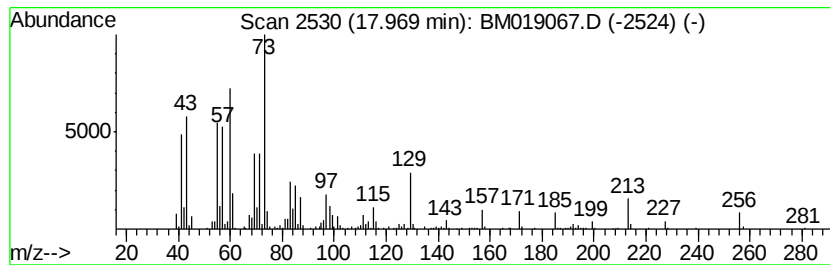
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	6.45 ng	1252860	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Dodecane	170	C12H26	000112-40-3	11
5	Hexadecane	226	C16H34	000544-76-3	11



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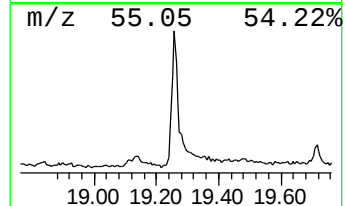
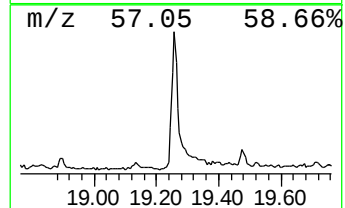
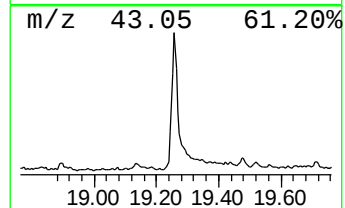
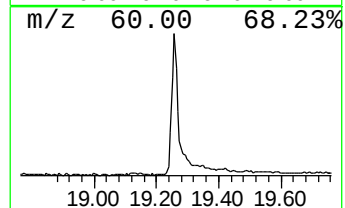
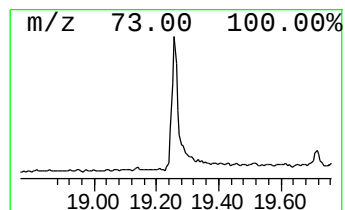
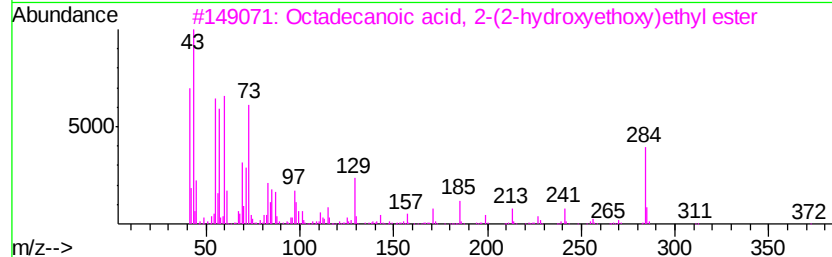
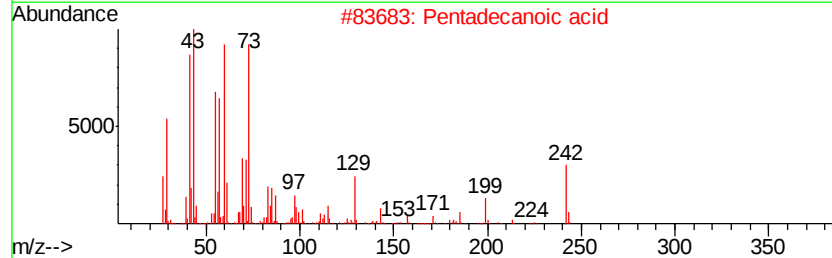
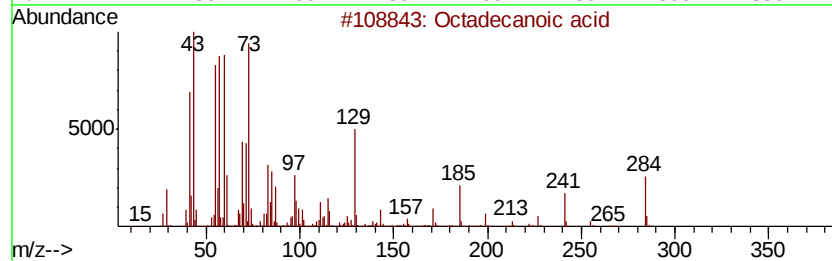
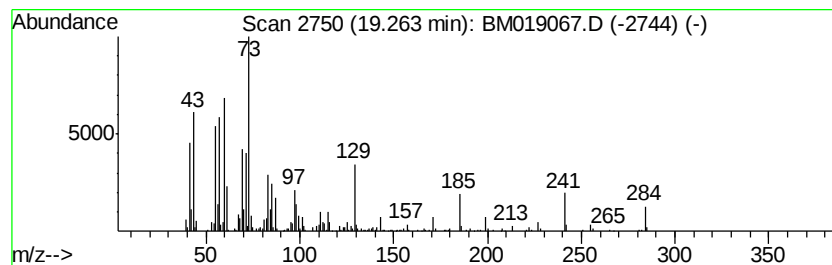
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Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.68 ng	821511	Chrysene-d12	21.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4			Eicosane	282	C20H42	000112-95-8	60
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	52



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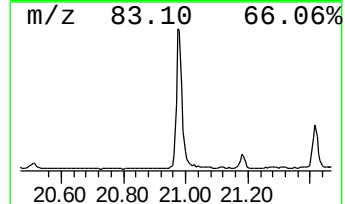
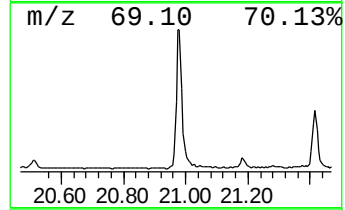
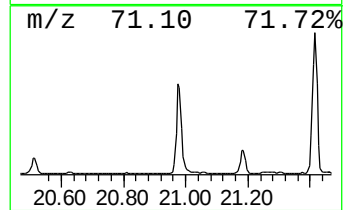
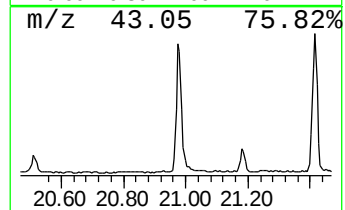
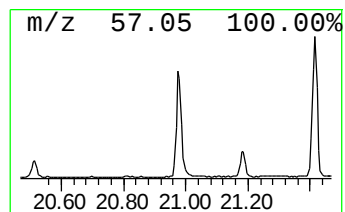
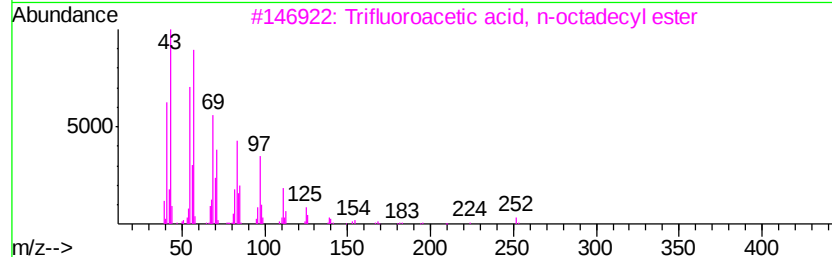
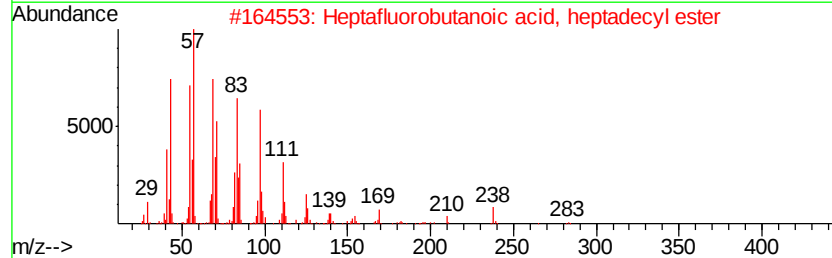
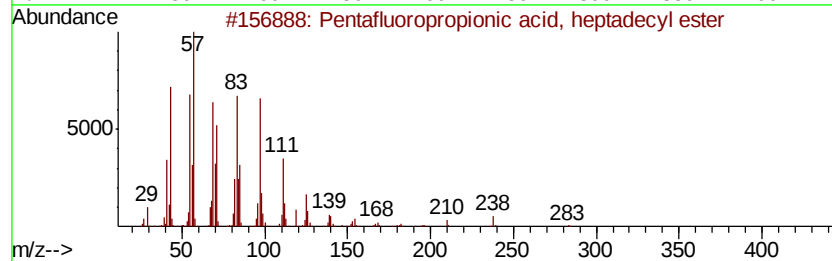
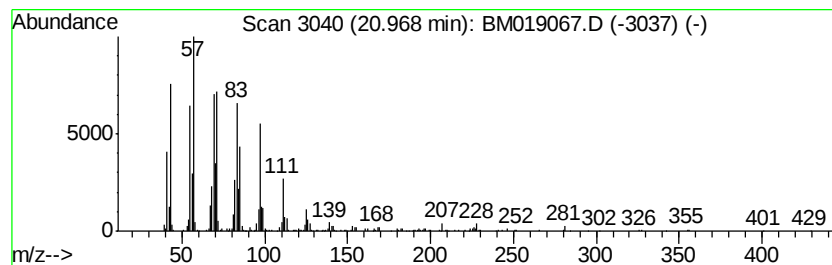
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Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.97	5.82 ng	1296750	Chrysene-d12	21.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
3		Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	68
4		1-Nonadecanol	284	C19H40O	001454-84-8	64
5		1-Octadecanol	270	C18H38O	000112-92-5	64



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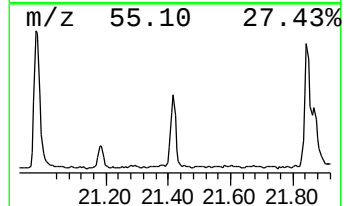
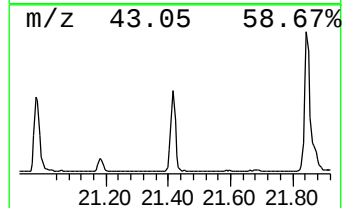
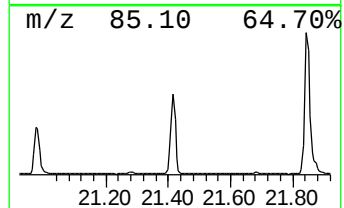
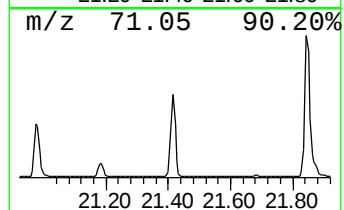
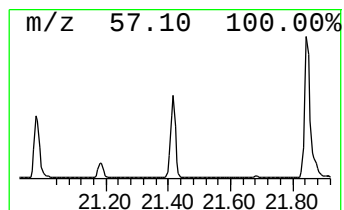
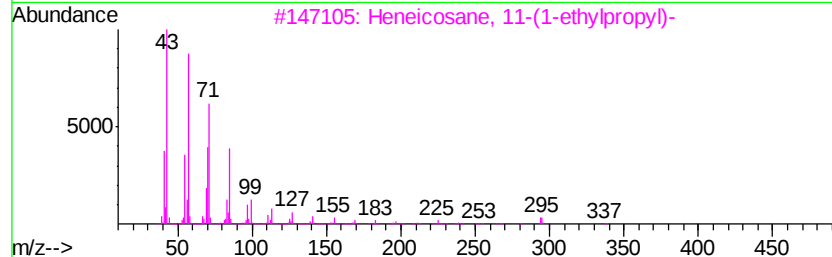
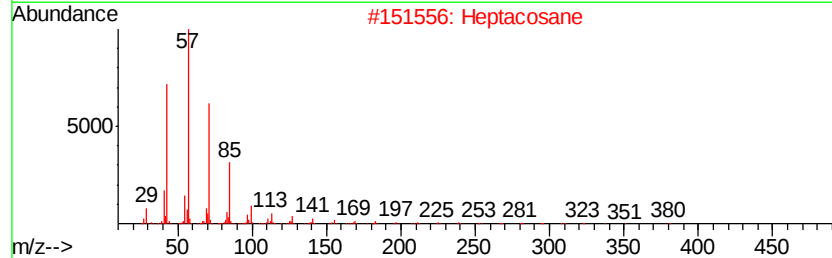
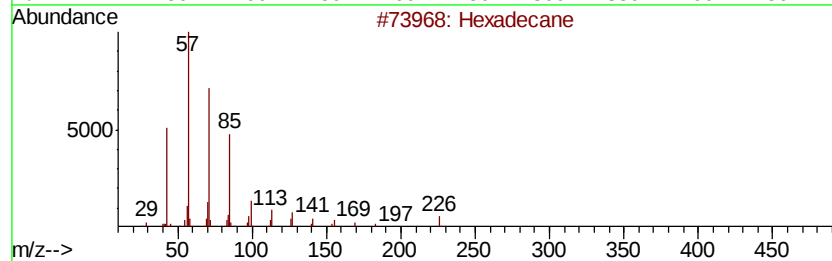
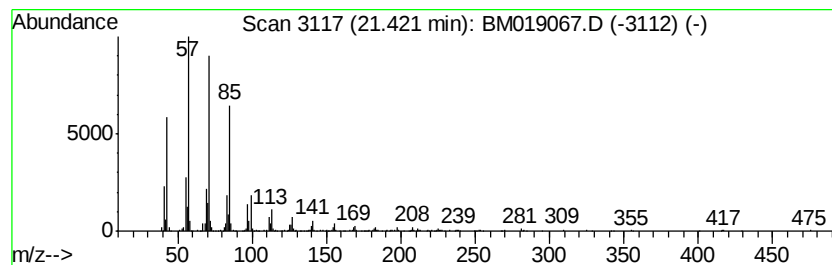
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.42	3.96 ng	883584	Chrysene-d12	21.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Heneicosane	296	C21H44	000629-94-7	76
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72



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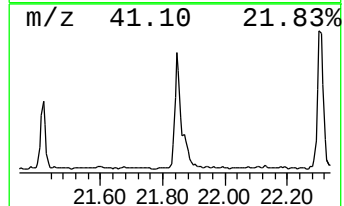
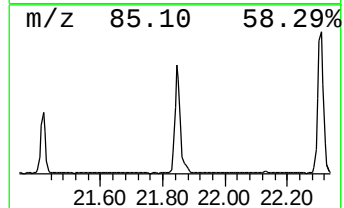
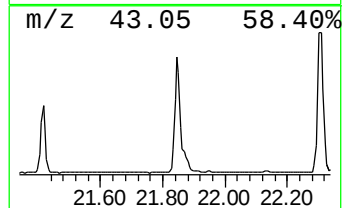
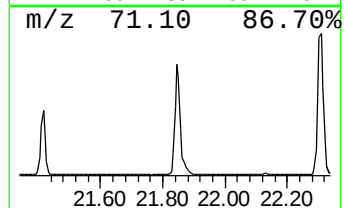
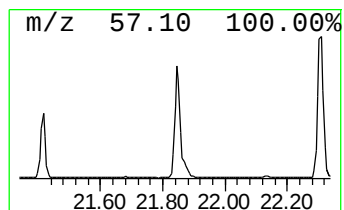
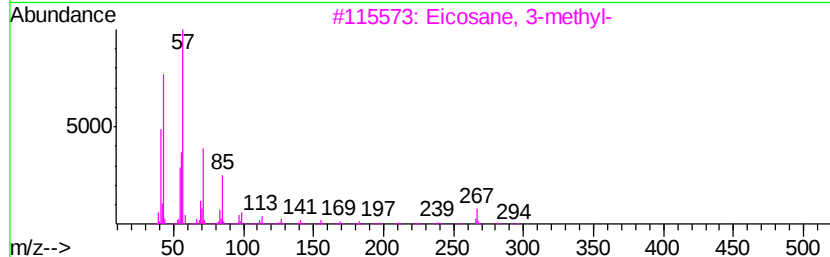
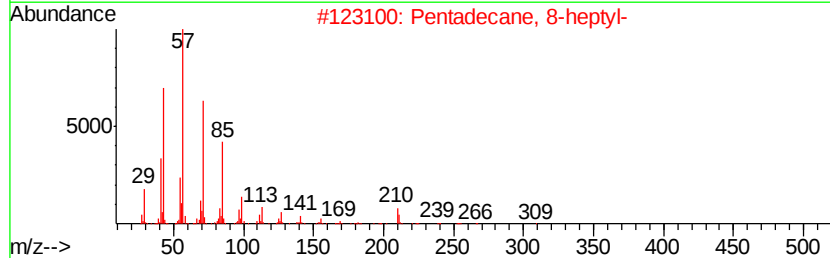
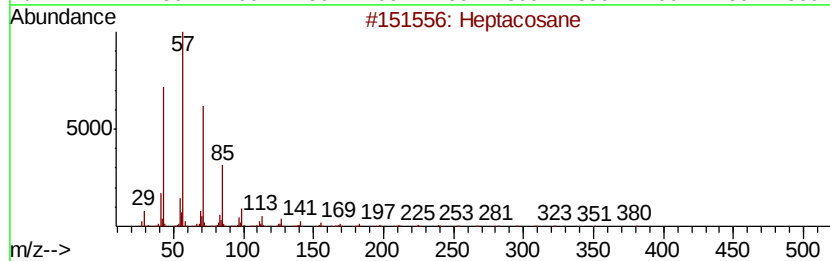
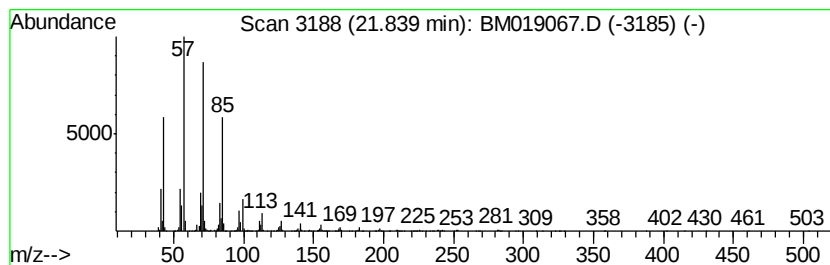
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	7.50 ng	1671910	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019067.D
Acq On : 06 Mar 2019 11:49
Operator : JU/SJ
Sample : K1705-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

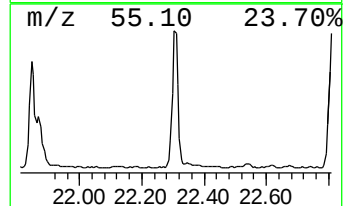
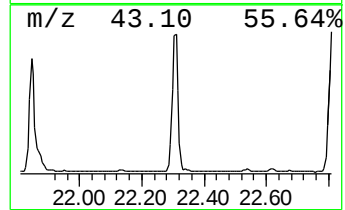
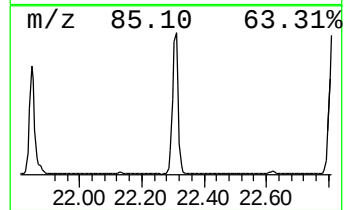
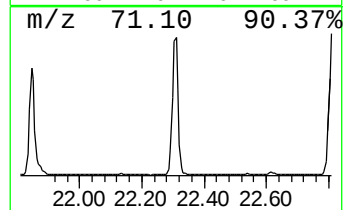
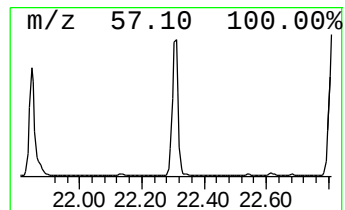
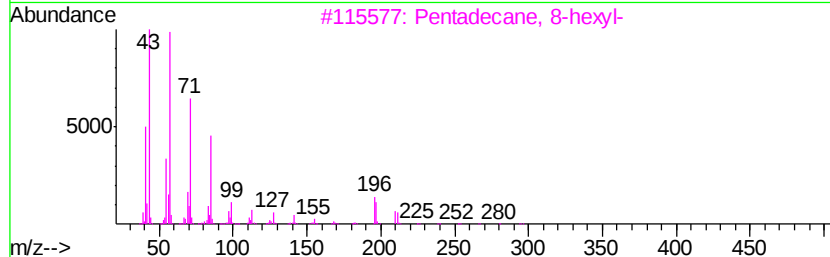
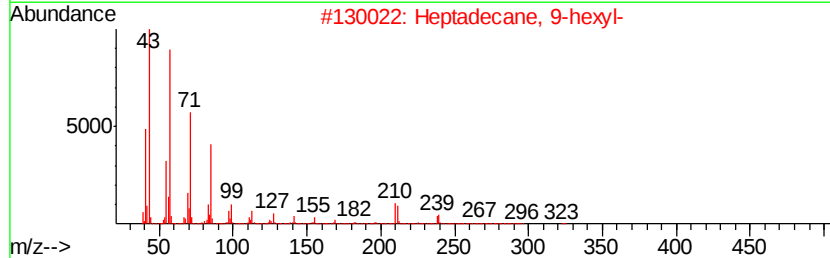
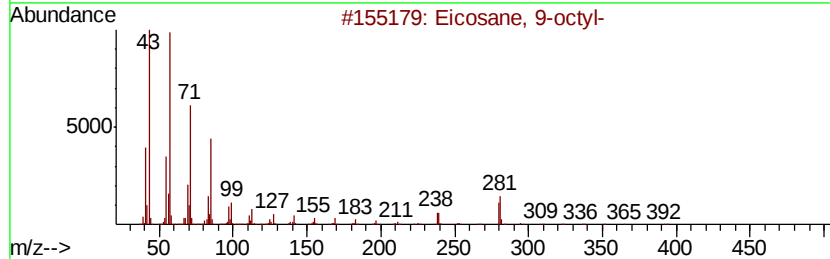
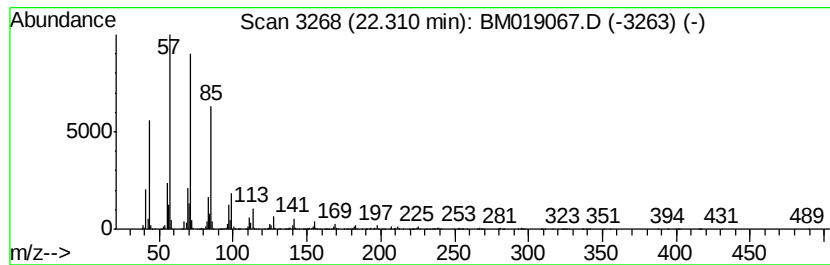
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ClientSampleId :
EXT-028-SW003-022719

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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 Eicosane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	10.22 ng	2278140	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane, 9-octyl-	394 C28H58	013475-77-9	94
2	Heptadecane, 9-hexyl-	324 C23H48	055124-79-3	94
3	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	94
4	Hexadecane, 5-butyl-	282 C20H42	006912-07-8	93
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019067.D
Acq On : 06 Mar 2019 11:49
Operator : JU/SJ
Sample : K1705-02
Misc :
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Instrument :
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ClientSampleId :
EXT-028-SW003-022719

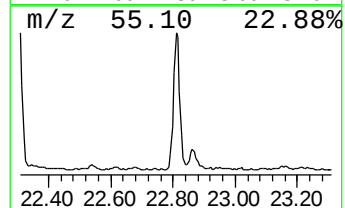
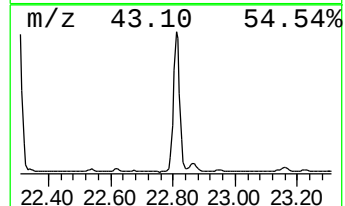
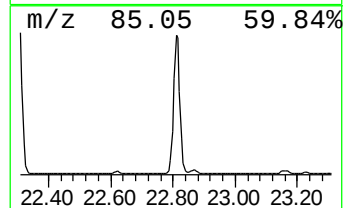
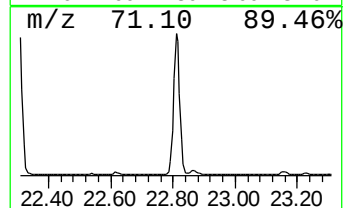
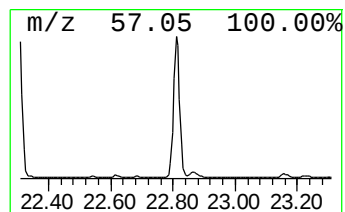
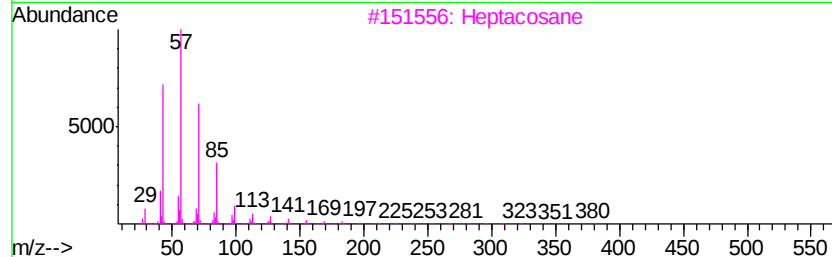
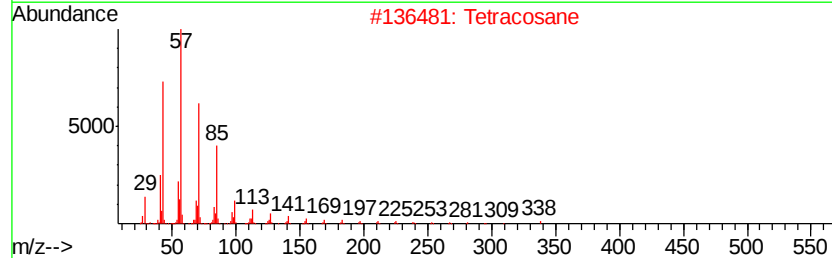
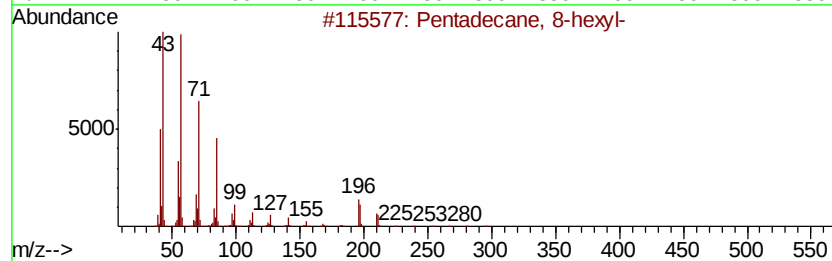
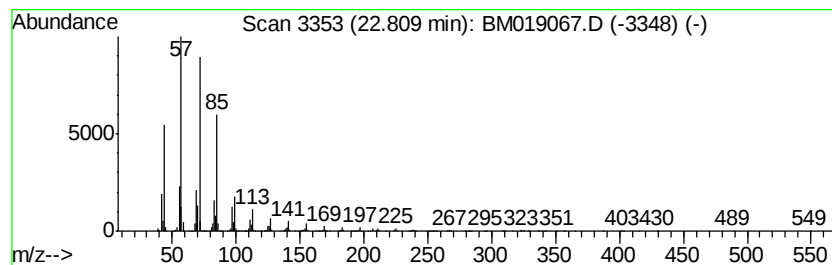
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	14.34 ng	2563850	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019067.D
Acq On : 06 Mar 2019 11:49
Operator : JU/SJ
Sample : K1705-02
Misc :
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Instrument :
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ClientSampleId :
EXT-028-SW003-022719

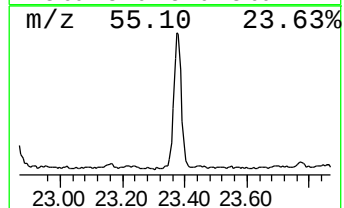
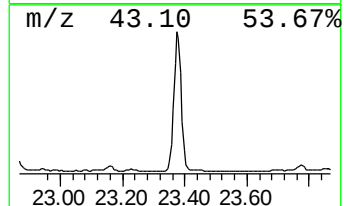
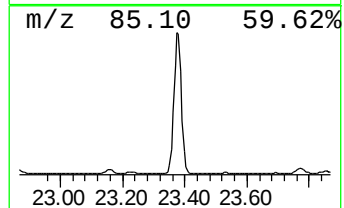
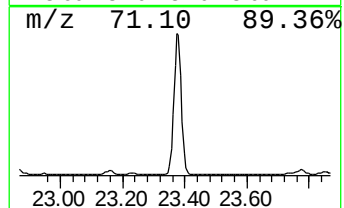
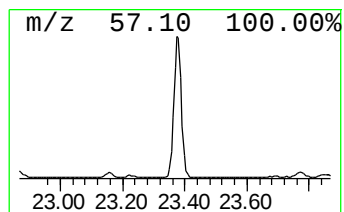
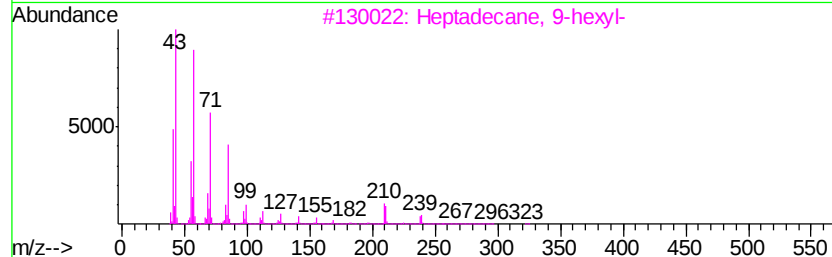
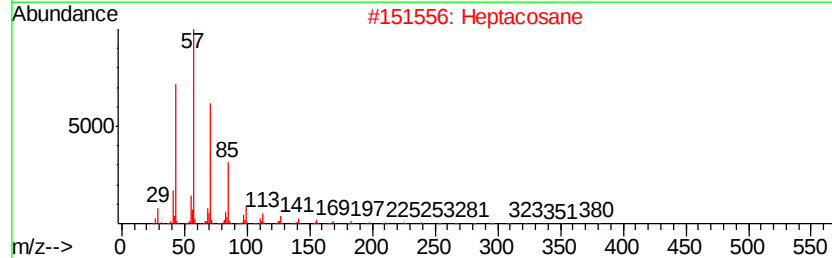
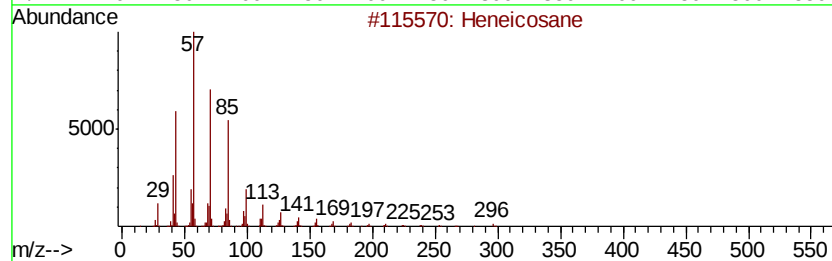
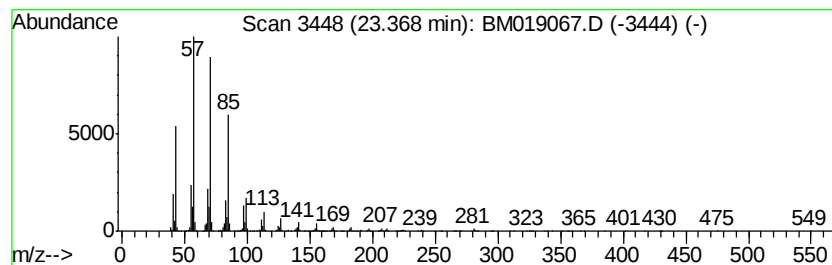
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	13.06 ng	2336070	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019067.D
Acq On : 06 Mar 2019 11:49
Operator : JU/SJ
Sample : K1705-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXT-028-SW003-022719

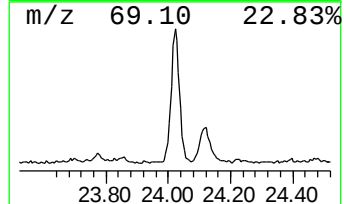
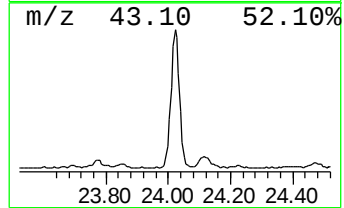
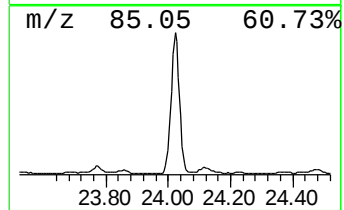
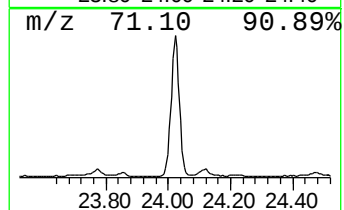
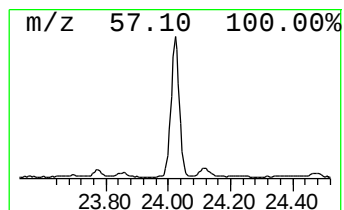
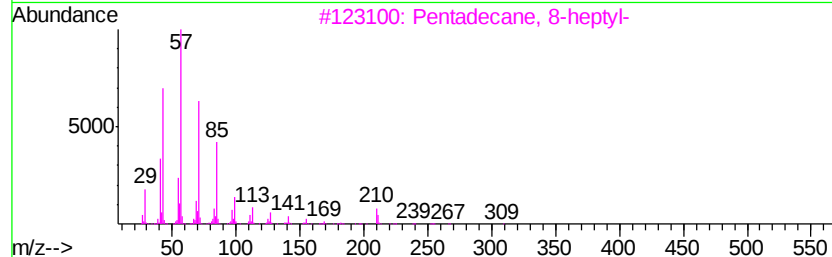
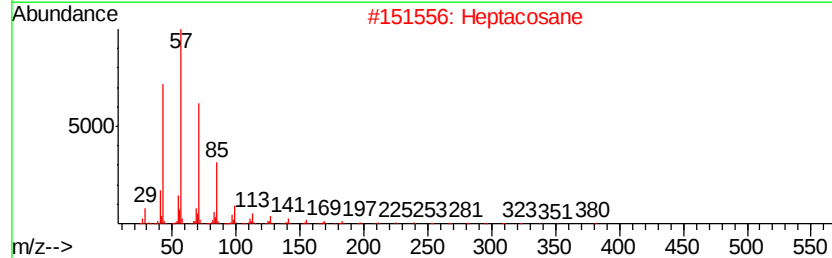
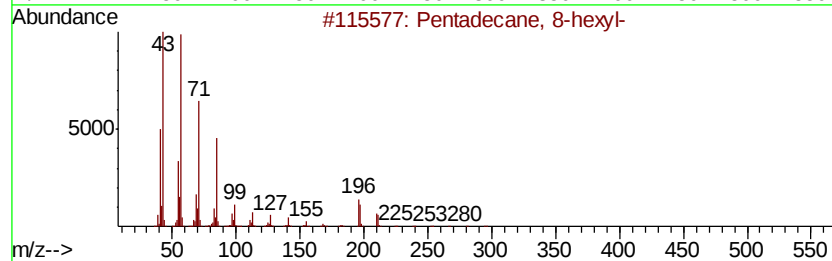
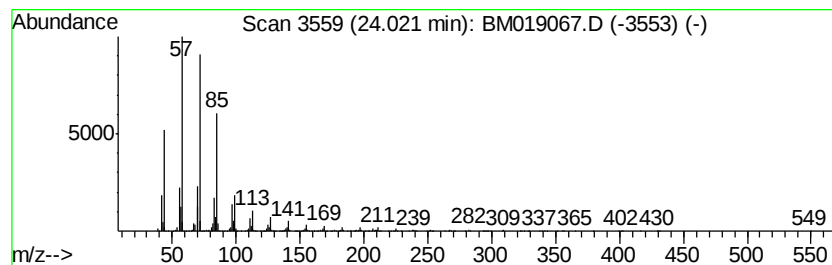
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	11.07 ng	1980380	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019067.D
Acq On : 06 Mar 2019 11:49
Operator : JU/SJ
Sample : K1705-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXT-028-SW003-022719

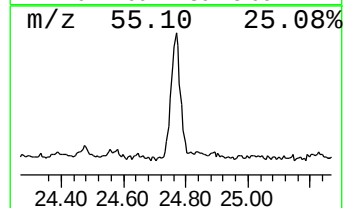
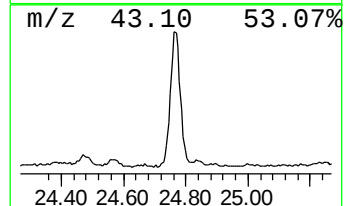
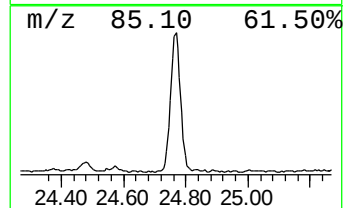
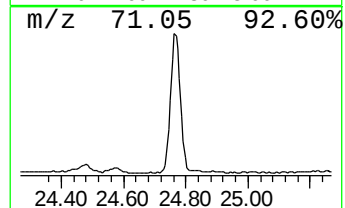
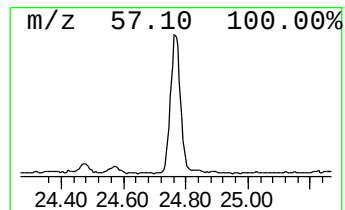
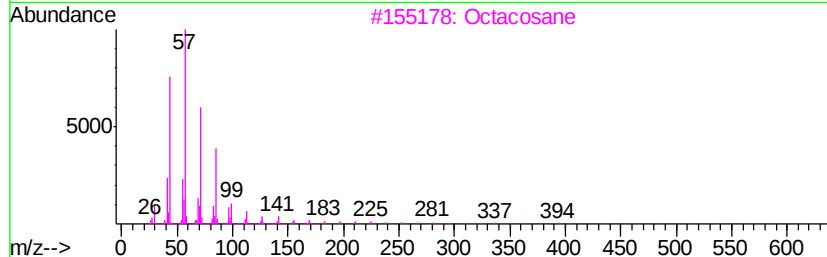
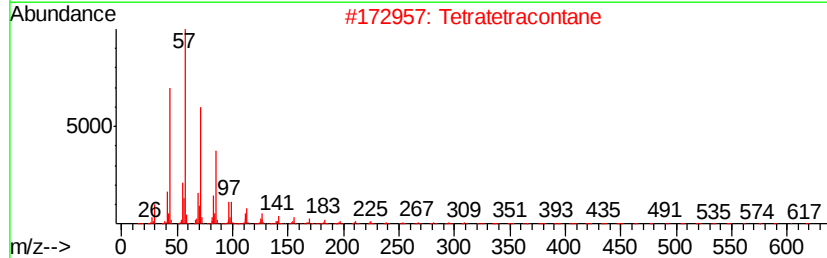
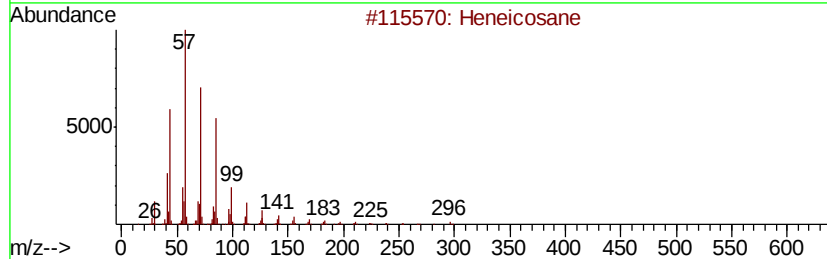
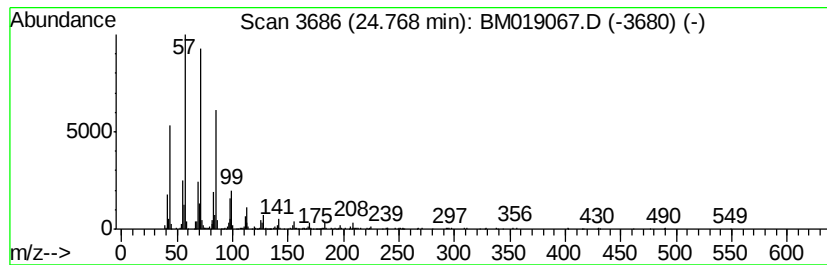
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	5.47 ng	978179	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Octacosane	394	C28H58	000630-02-4	80
4		Heptacosane	380	C27H56	000593-49-7	74
5		Octadecane	254	C18H38	000593-45-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
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 Acq On : 06 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K1705-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
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n-Hexadecanoic acid	17.97	6.5	ng	1252860	4	17.08	3884160	20.0
Octadecanoic acid	19.26	3.7	ng	821511	5	21.28	4459440	20.0
Pentafluoropropio...	20.97	5.8	ng	1296750	5	21.28	4459440	20.0
Hexadecane	21.42	4.0	ng	883584	5	21.28	4459440	20.0
Heptacosane	21.84	7.5	ng	1671910	5	21.28	4459440	20.0
Eicosane, 9-octyl-	22.31	10.2	ng	2278140	5	21.28	4459440	20.0
Pentadecane, 8-he...	22.81	14.3	ng	2563850	6	23.52	3576760	20.0
Heneicosane	23.37	13.1	ng	2336070	6	23.52	3576760	20.0
Heneicosane, 11-(...	24.02	11.1	ng	1980380	6	23.52	3576760	20.0
Tetratetracontane	24.77	5.5	ng	978179	6	23.52	3576760	20.0