

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114708.D
 Acq On : 31 May 2019 15:12
 Operator : HP/JU
 Sample : K3072-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

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-BF052919.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	4.887	473	476	485	rVB	92645	127849	1.76%	0.173%
2	5.298	541	546	549	rBV	5521831	5852127	80.72%	7.901%
3	6.328	715	721	724	rBV	5704763	6180707	85.25%	8.345%
4	6.463	739	744	747	rBV	6610384	6319965	87.17%	8.533%
5	6.692	780	783	787	rBV	2300993	1822448	25.14%	2.460%
6	6.851	806	810	813	rBV	5424454	4574573	63.10%	6.176%
7	7.251	873	878	881	rBV	4176860	3910336	53.93%	5.279%
8	7.975	997	1001	1004	rBV	2849642	2367765	32.66%	3.197%
9	8.410	1071	1075	1083	rBV	660058	721536	9.95%	0.974%
10	9.051	1179	1184	1187	rBV	7530183	6744213	93.02%	9.105%
11	9.439	1247	1250	1254	rBV	1208644	949848	13.10%	1.282%
12	9.722	1293	1298	1301	rBV	3151465	2768732	38.19%	3.738%
13	10.504	1426	1431	1434	rBV	4735241	4456360	61.47%	6.017%
14	11.192	1544	1548	1552	rVB	3504603	2924756	40.34%	3.949%
15	11.739	1635	1641	1655	rBV2	1109871	1337822	18.45%	1.806%
16	12.439	1755	1760	1767	rBV5	52643	107165	1.48%	0.145%
17	12.521	1769	1774	1783	rBV	888368	1091133	15.05%	1.473%
18	12.780	1813	1818	1821	rBV	7247790	7250227	100.00%	9.789%
19	13.027	1857	1860	1863	rVB	86702	78349	1.08%	0.106%
20	13.262	1894	1900	1905	rVB3	73944	112892	1.56%	0.152%
21	13.368	1914	1918	1920	rBV	131224	107986	1.49%	0.146%
22	13.439	1927	1930	1932	rBV2	125575	112563	1.55%	0.152%
23	13.680	1968	1971	1980	rBV2	1316345	1684815	23.24%	2.275%
24	13.751	1980	1983	1988	rVB	70436	74362	1.03%	0.100%
25	13.815	1988	1994	1998	rBV	3118831	2902331	40.03%	3.918%
26	14.015	2024	2028	2034	rBV	381831	385625	5.32%	0.521%
27	14.321	2076	2080	2090	rBV	678515	675243	9.31%	0.912%
28	14.627	2128	2132	2137	rBV	888205	826363	11.40%	1.116%
29	14.692	2139	2143	2148	rVV	676741	660938	9.12%	0.892%
30	14.939	2180	2185	2194	rBV	959112	1052915	14.52%	1.422%
31	15.221	2228	2233	2239	rVB	2230548	2580156	35.59%	3.483%
32	15.286	2239	2244	2257	rVB	843805	1117935	15.42%	1.509%
33	15.686	2307	2312	2316	rBV	688867	992512	13.69%	1.340%
34	15.727	2316	2319	2327	rVB	158045	312912	4.32%	0.422%

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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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35	16.151	2385	2391	2401	rVB	373643	649481	8.96%	0.877%
36	16.686	2476	2482	2488	rBV2	119088	233737	3.22%	0.316%

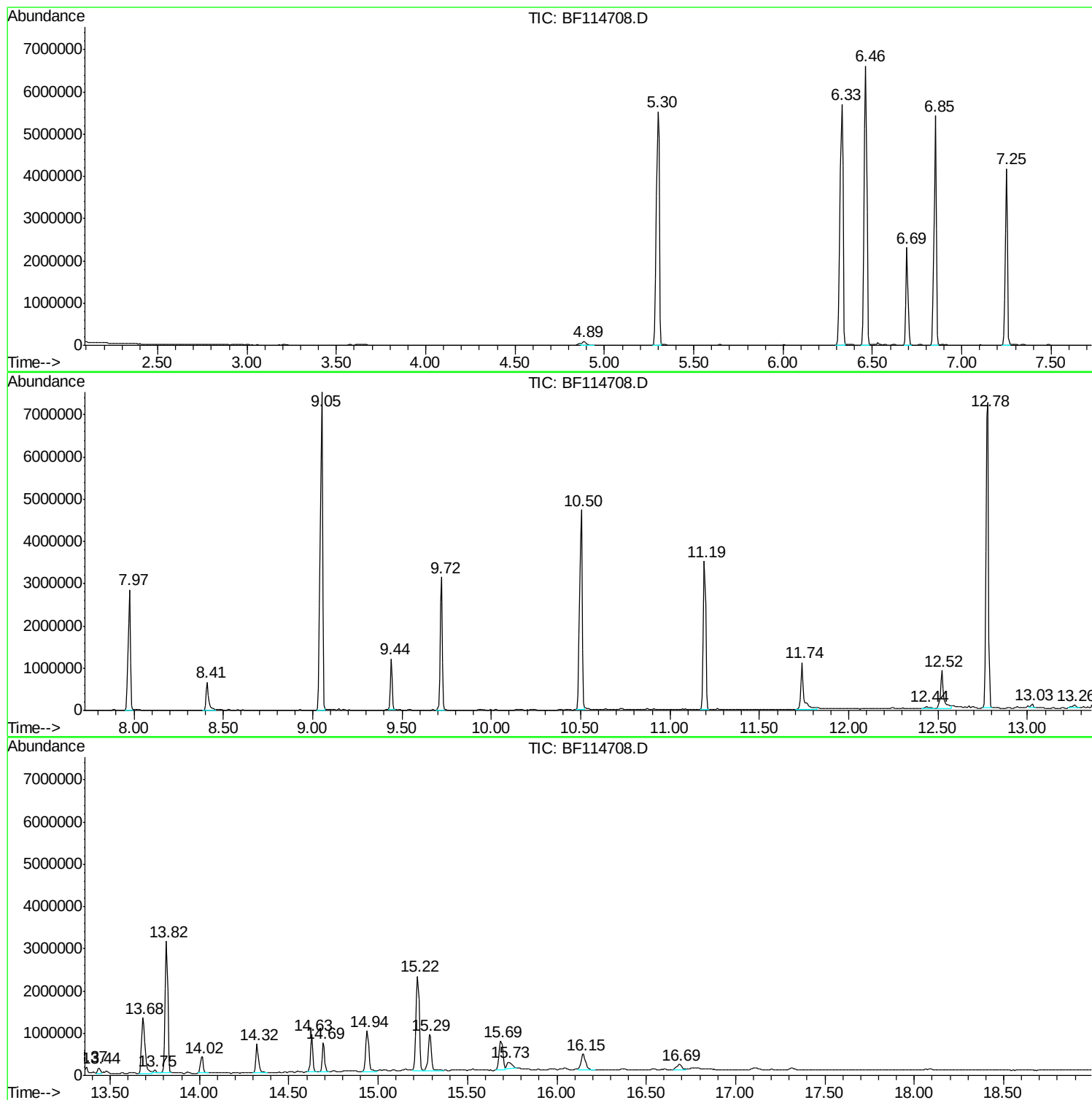
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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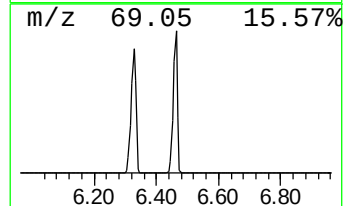
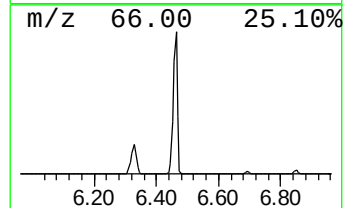
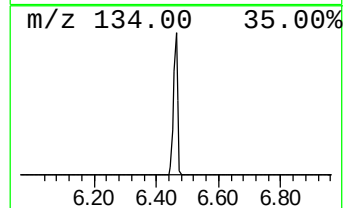
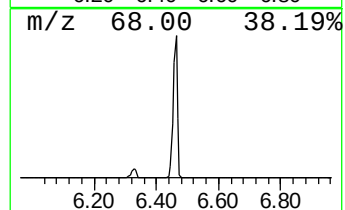
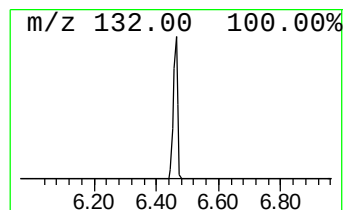
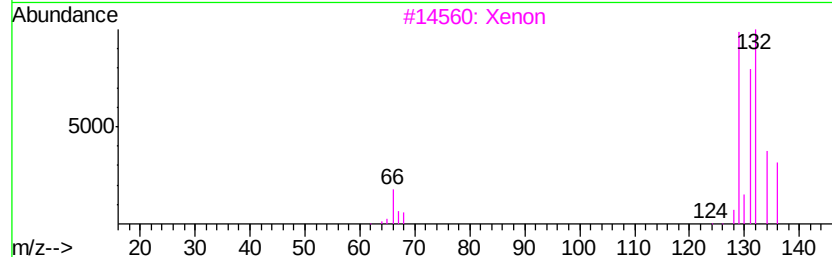
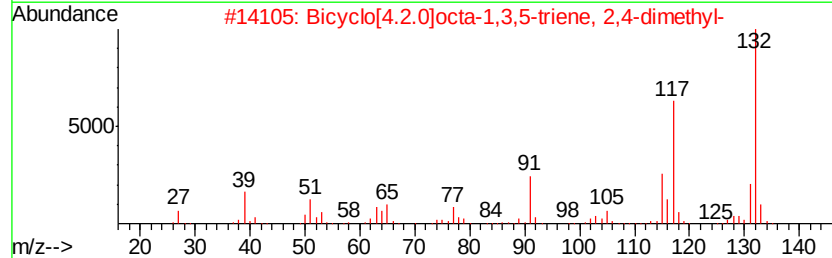
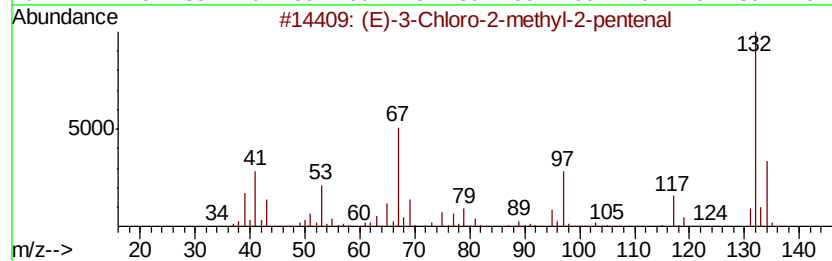
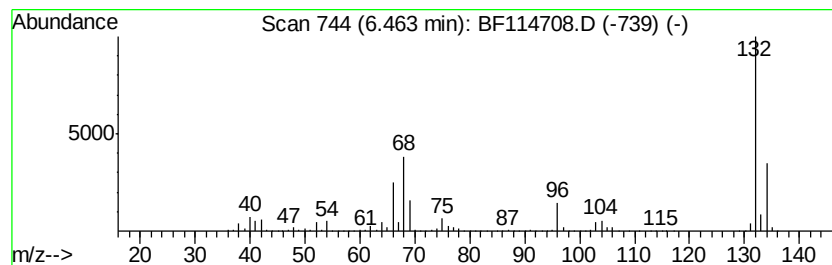
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.36 ng	6319970	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Xenon	132	Xe	007440-63-3	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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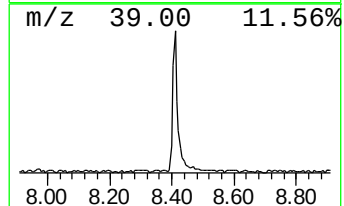
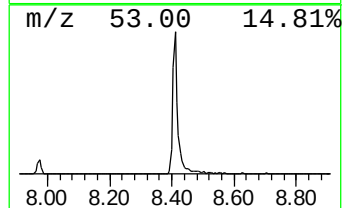
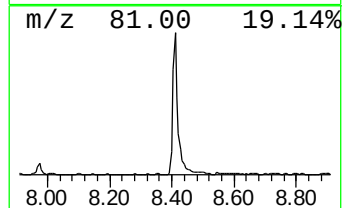
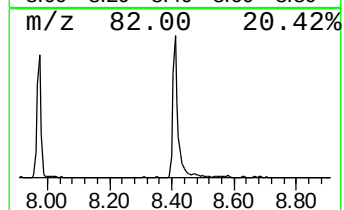
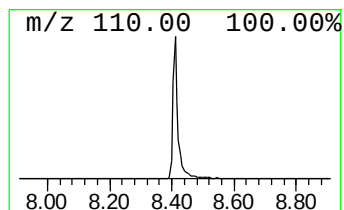
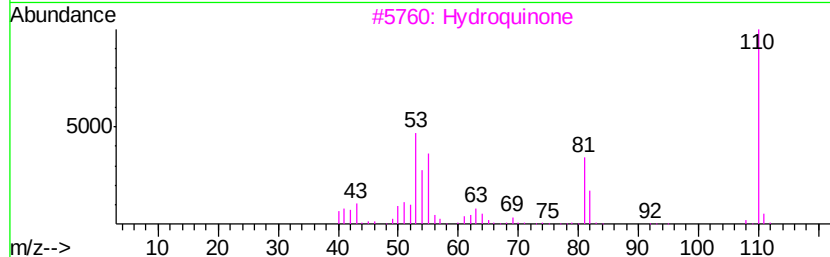
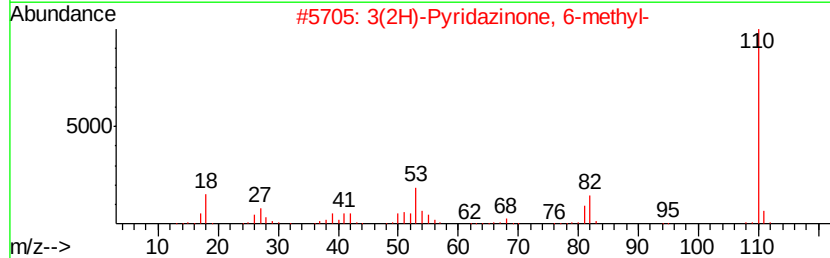
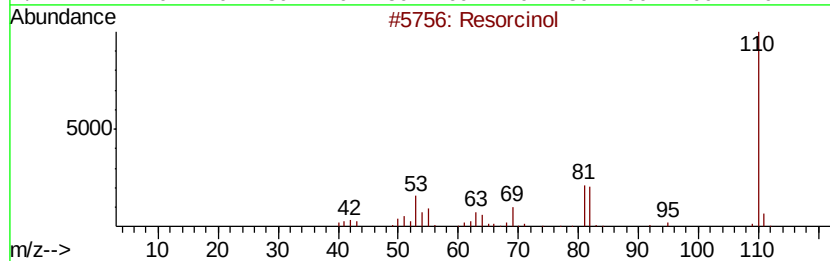
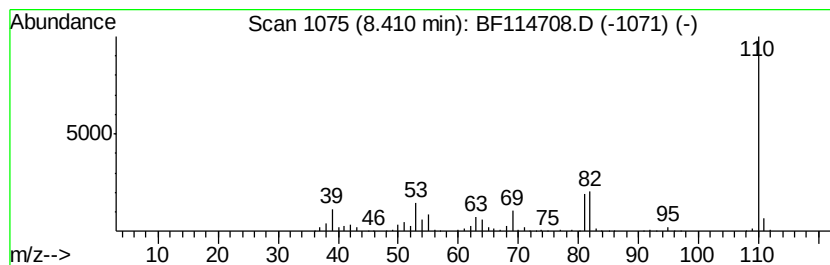
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Resorcinol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	6.09 ng	721536	Napthalene-d8	7.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol		110	C6H6O2	000108-46-3	97
2	3(2H)-Pyridazinone, 6-methyl-		110	C5H6N2O	013327-27-0	72
3	Hydroquinone		110	C6H6O2	000123-31-9	64
4	2(1H)-Pyridinone, 3-amino-		110	C5H6N2O	033630-99-8	59
5	Catechol		110	C6H6O2	000120-80-9	59



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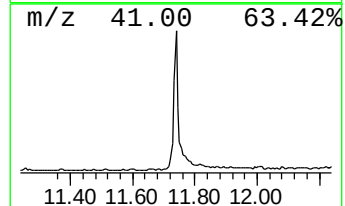
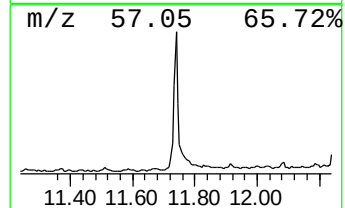
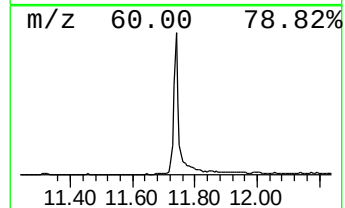
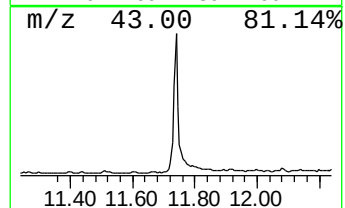
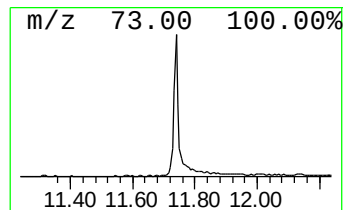
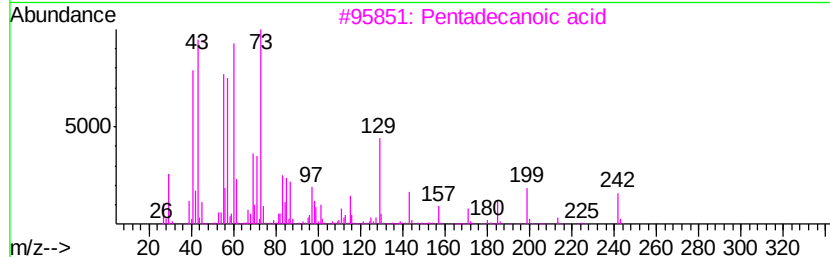
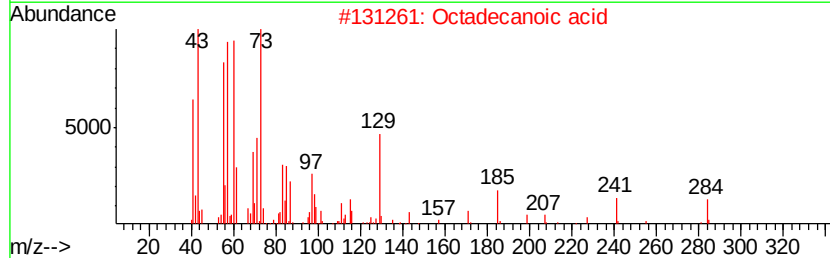
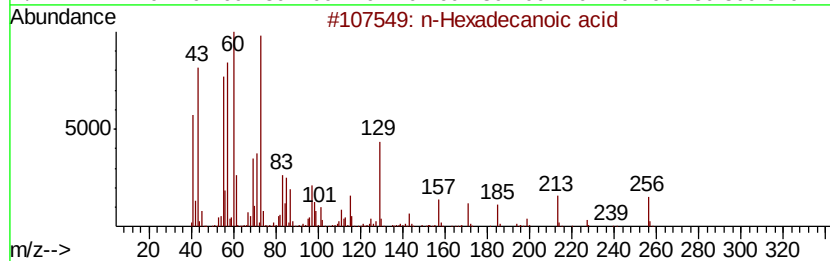
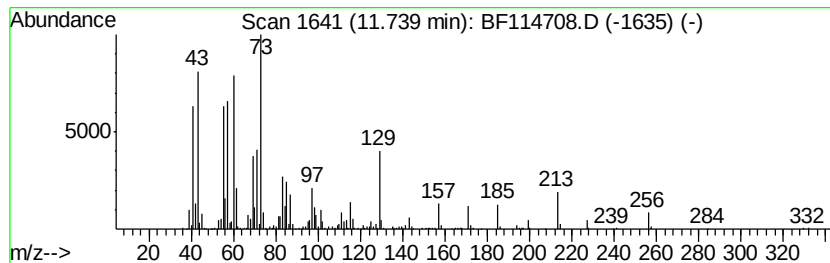
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	9.15 ng	1337820	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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Misc :
ALS Vial : 17 Sample Multiplier: 1

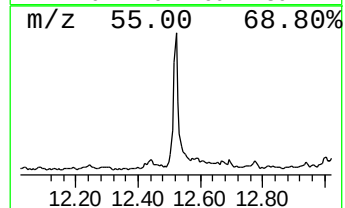
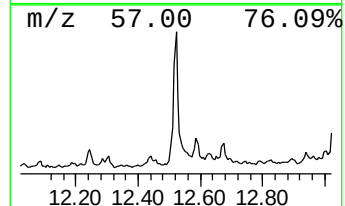
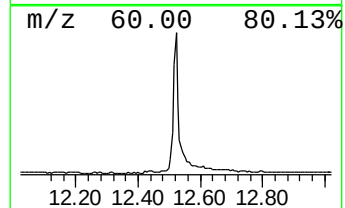
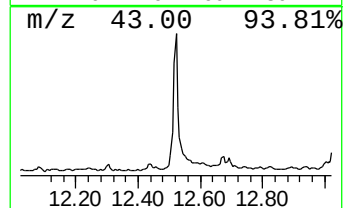
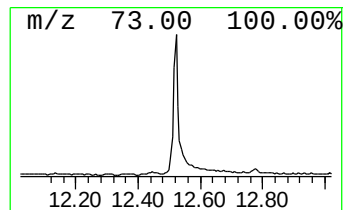
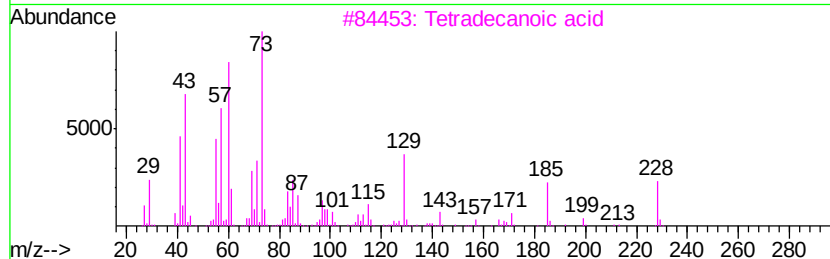
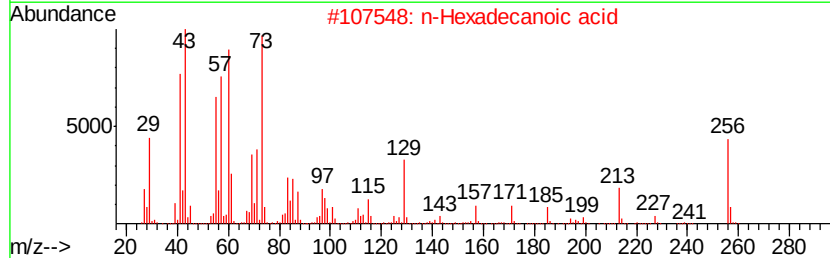
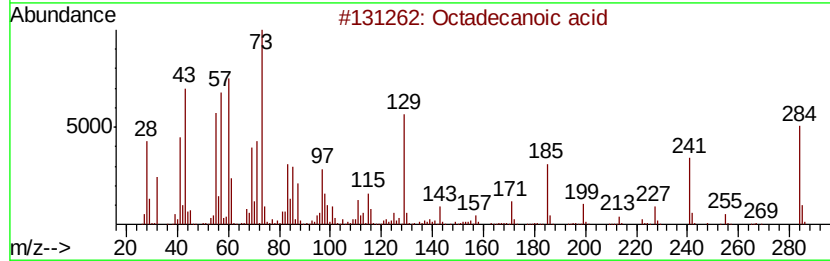
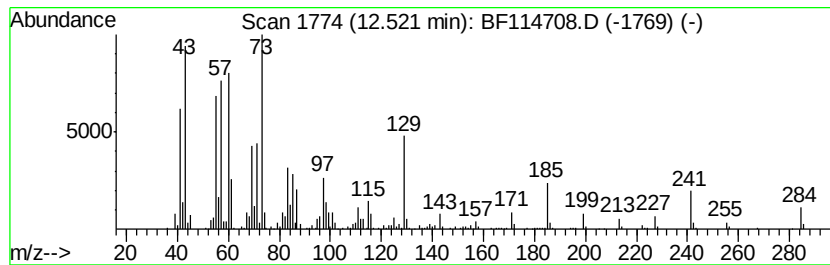
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	7.52 ng	1091130	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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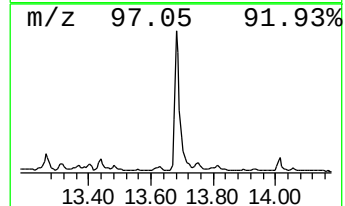
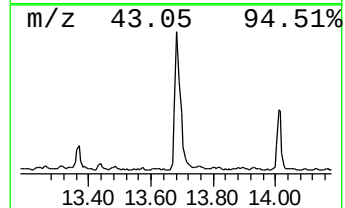
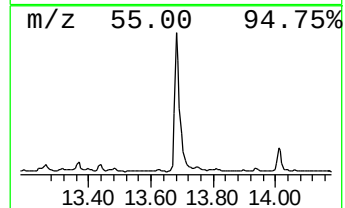
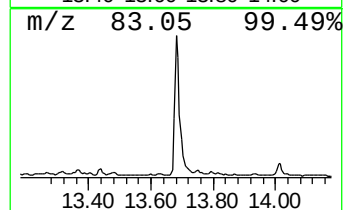
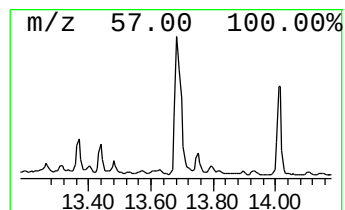
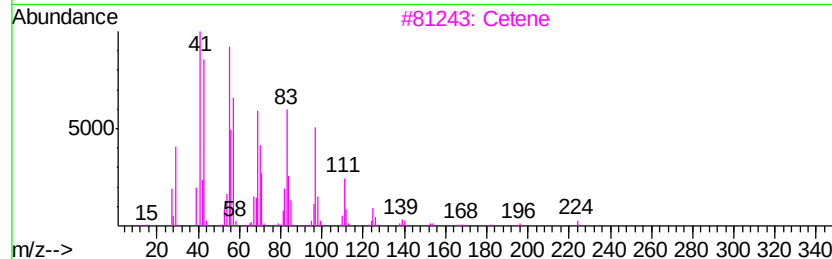
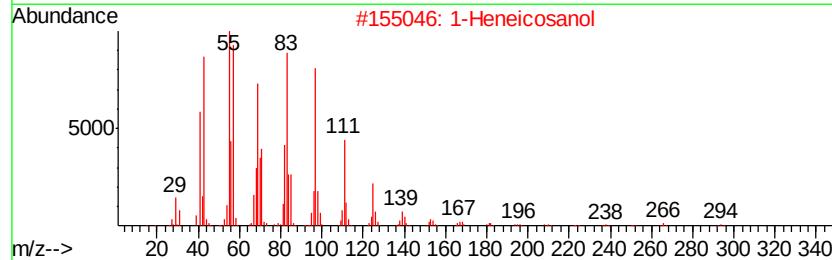
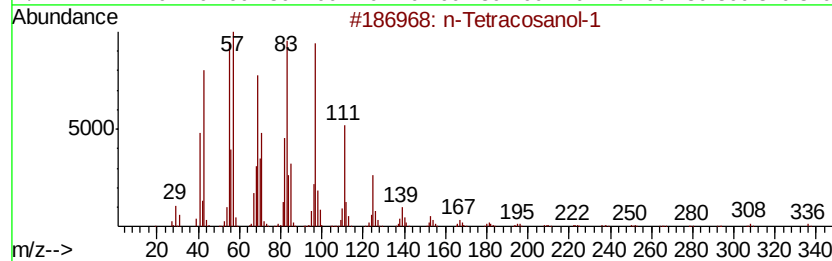
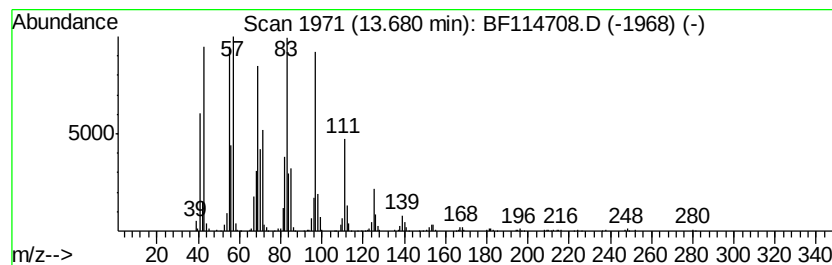
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.68	11.61 ng	1684820	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Cetene	224	C16H32	000629-73-2	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94



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ALS Vial : 17 Sample Multiplier: 1

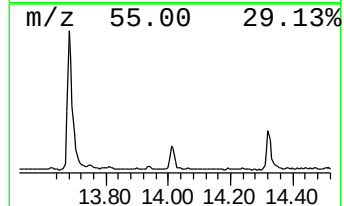
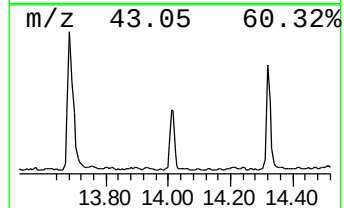
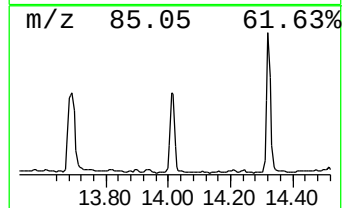
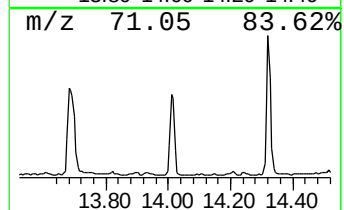
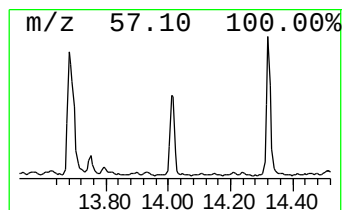
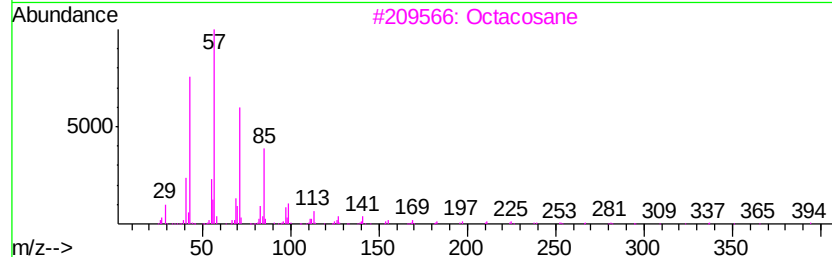
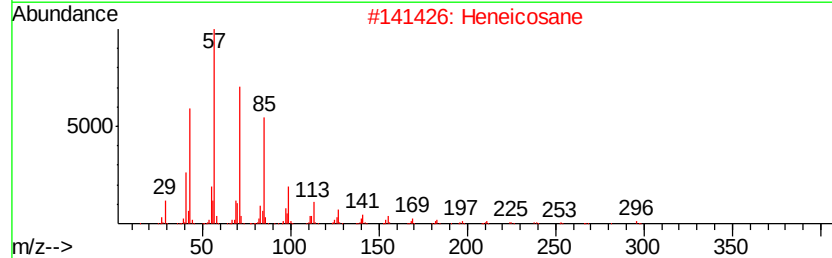
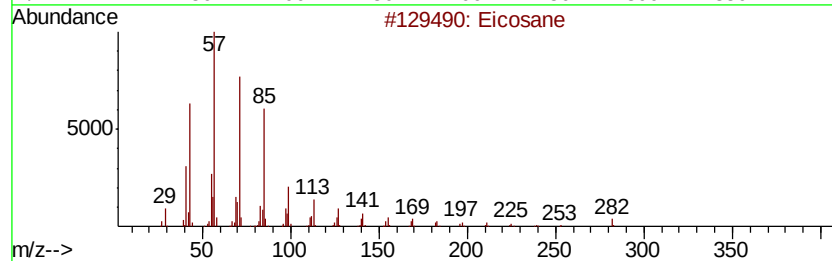
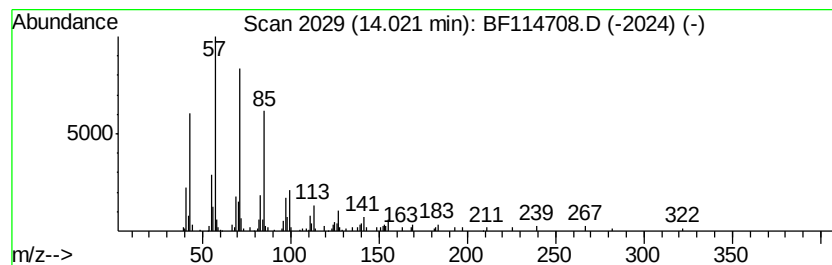
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.66 ng	385625	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Heneicosane	296 C21H44	000629-94-7	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114708.D
Acq On : 31 May 2019 15:12
Operator : HP/JU
Sample : K3072-06
Misc :
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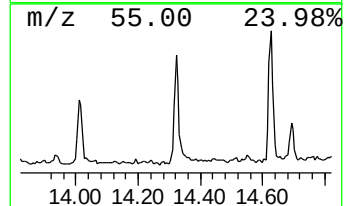
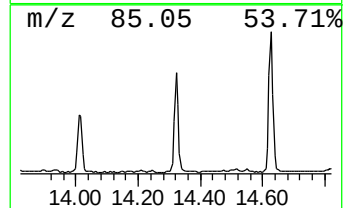
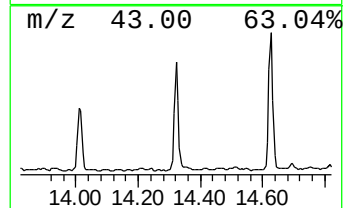
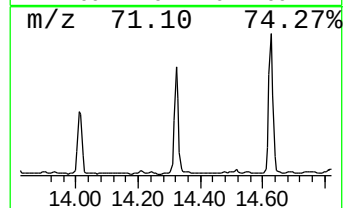
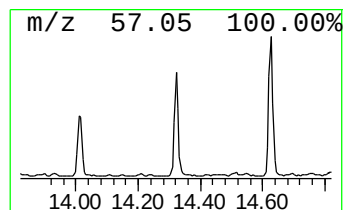
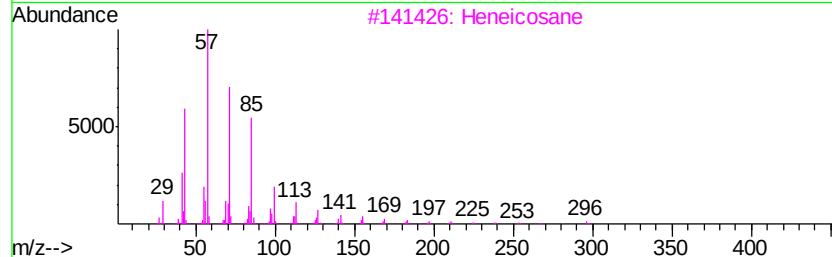
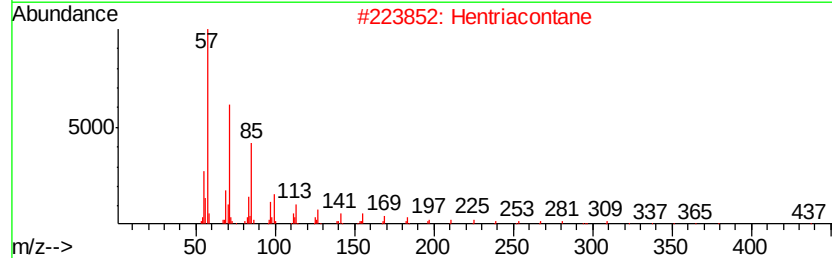
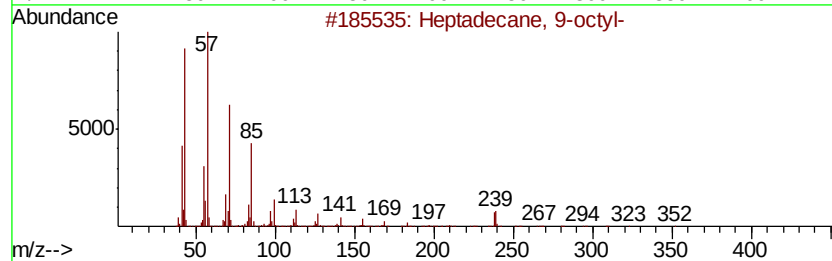
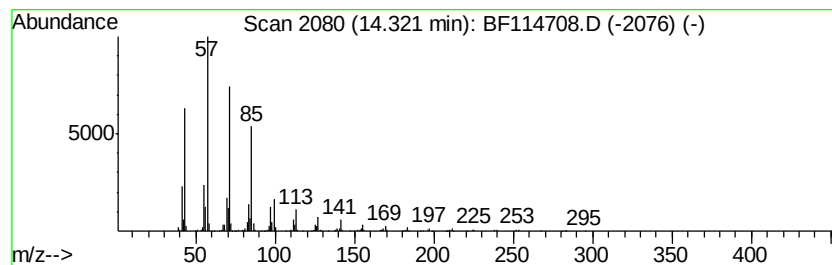
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	4.65 ng	675243	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
2	Hentriacontane	437 C31H64	000630-04-6	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Hexacosane	366 C26H54	000630-01-3	91
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114708.D
Acq On : 31 May 2019 15:12
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Sample : K3072-06
Misc :
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ClientSampleId :
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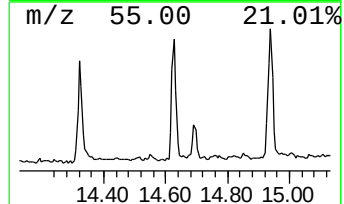
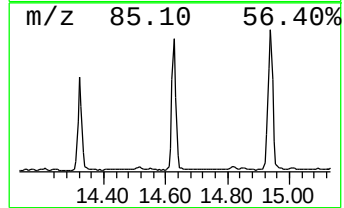
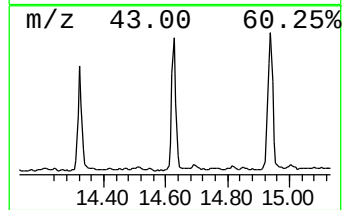
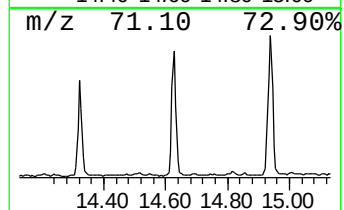
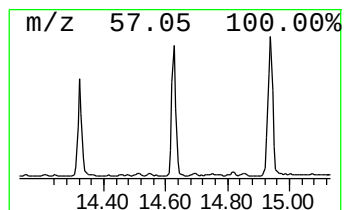
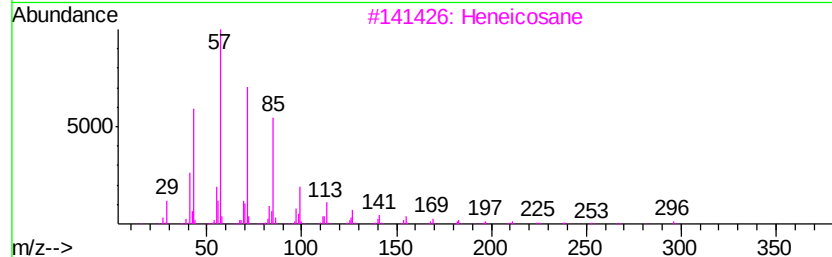
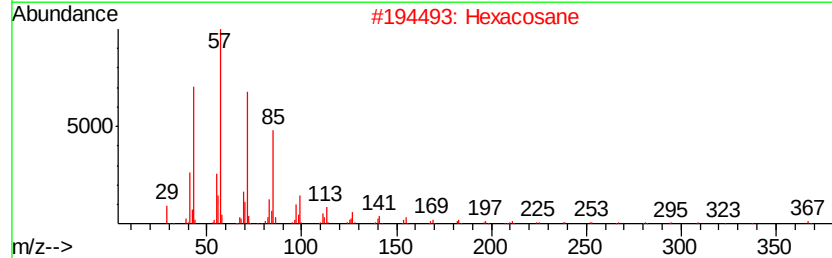
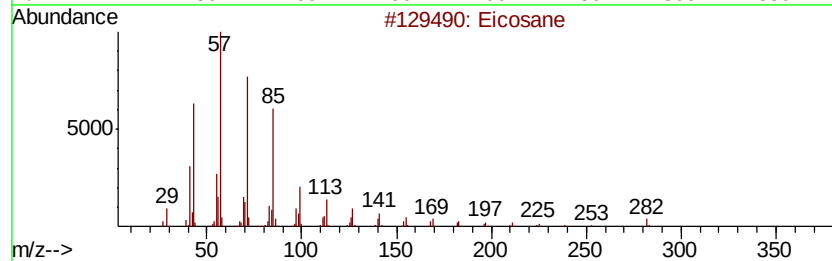
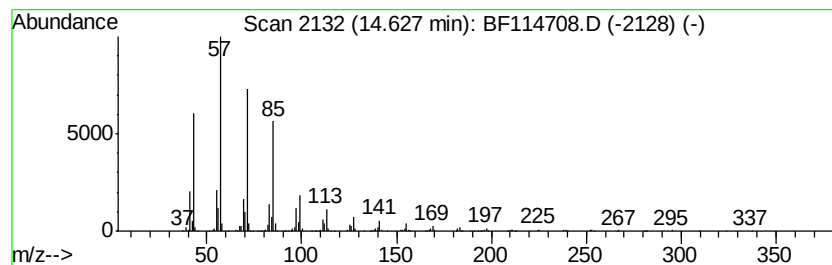
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane, 11-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	6.41 ng	826363	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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 Acq On : 31 May 2019 15:12
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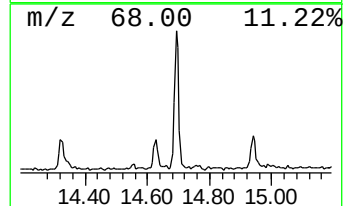
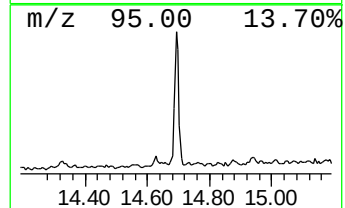
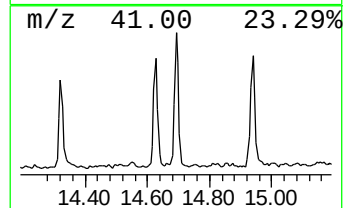
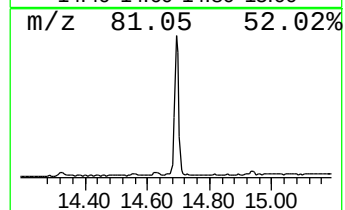
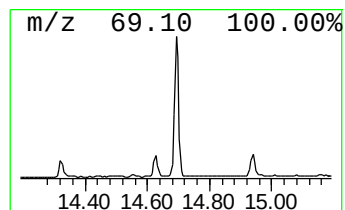
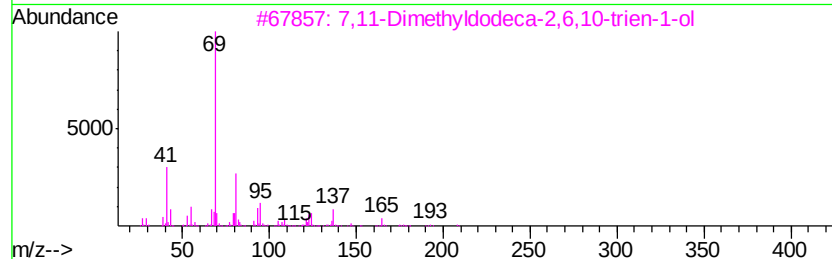
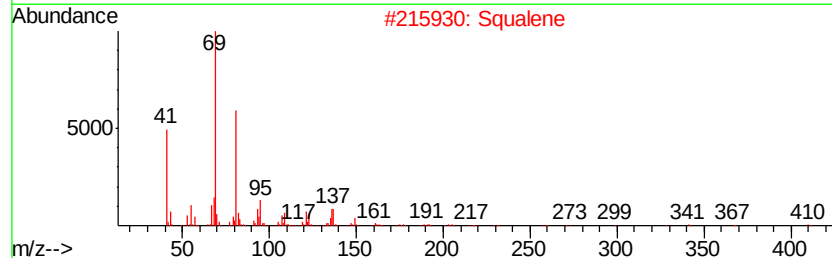
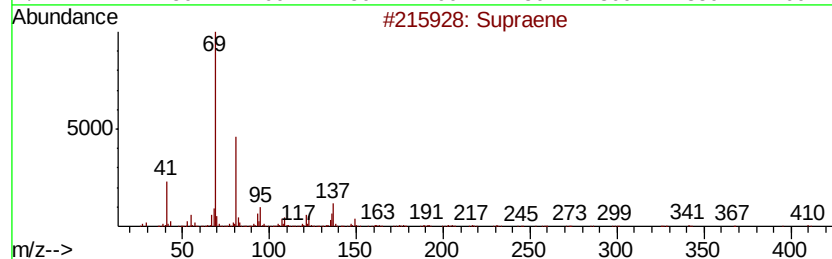
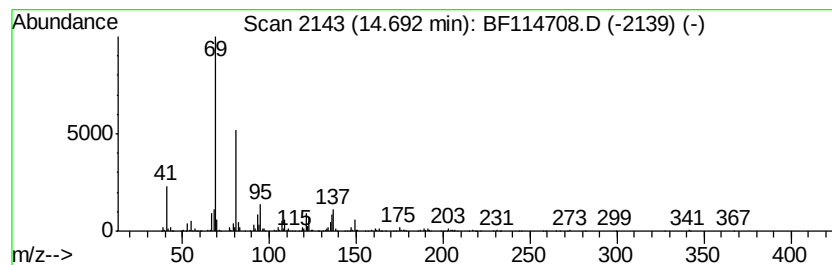
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Supraene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	5.12 ng	660938	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	91
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50
5			2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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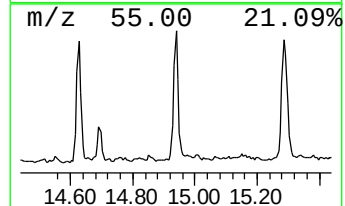
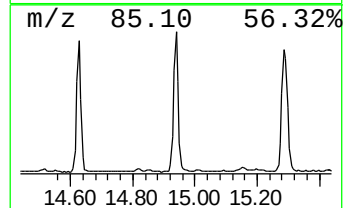
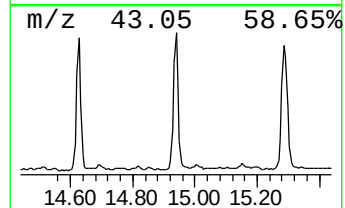
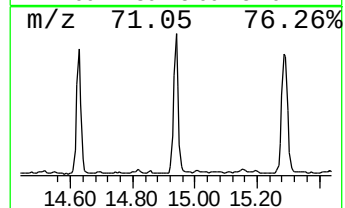
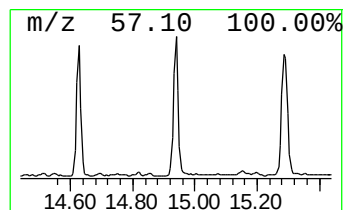
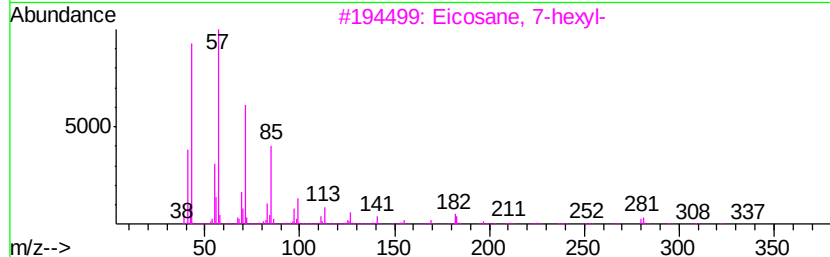
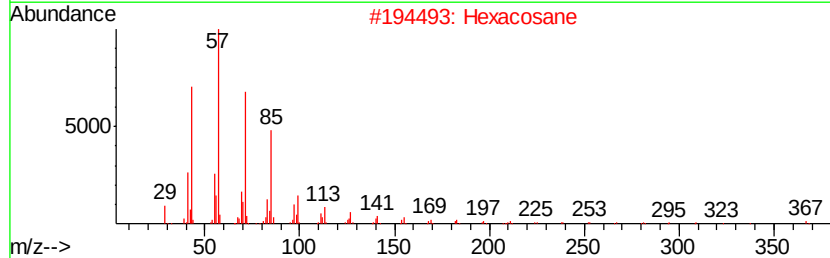
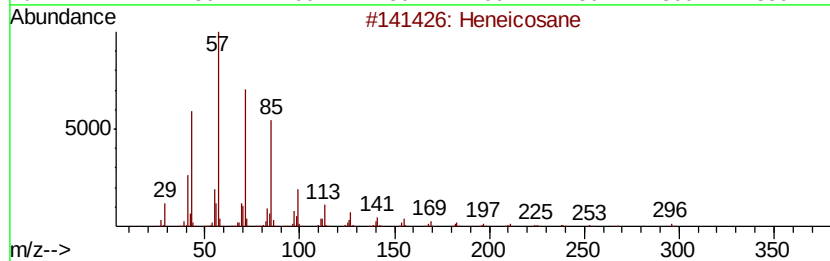
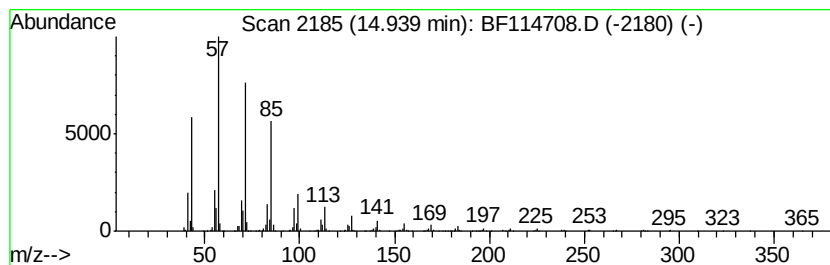
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	8.16 ng	1052920	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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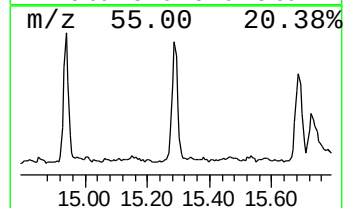
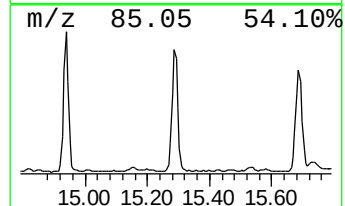
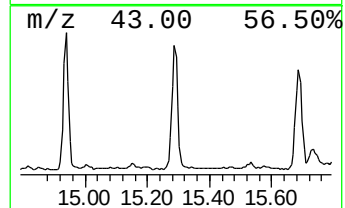
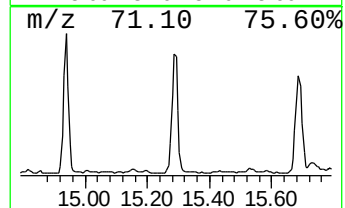
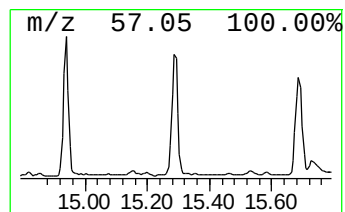
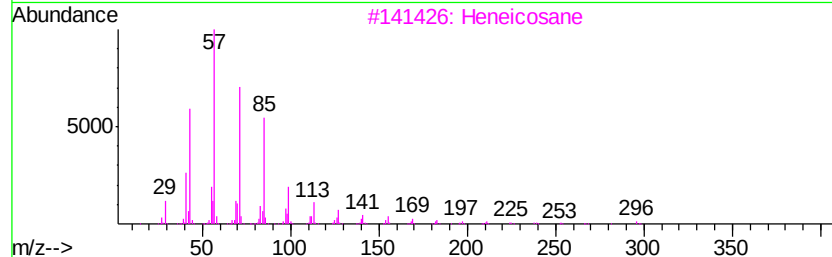
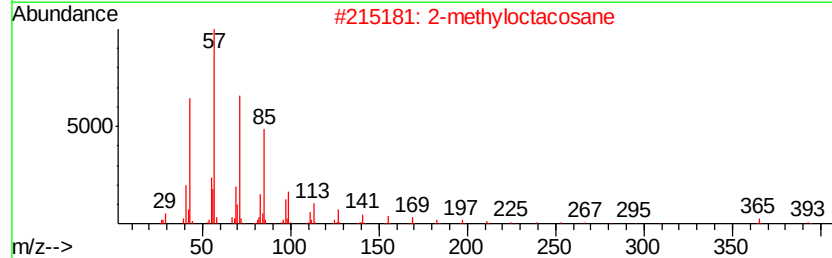
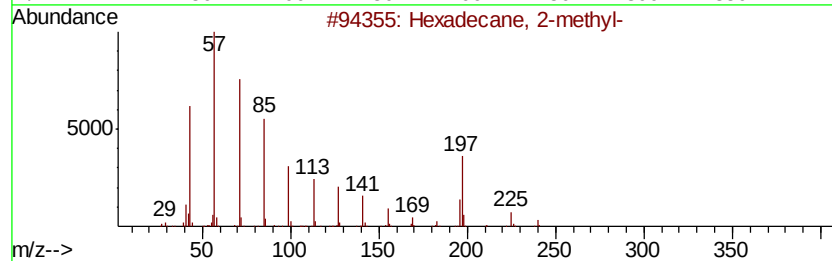
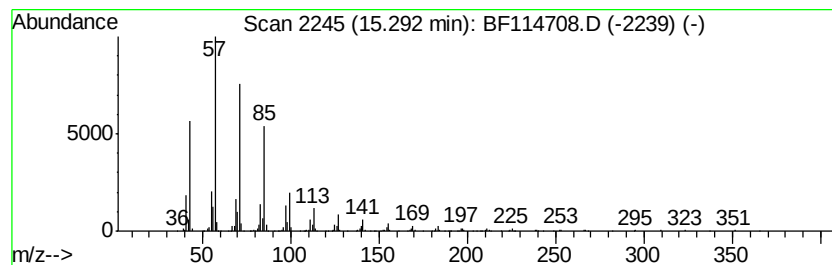
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	8.67 ng	1117940	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecane, 2-methyl-	240 C17H36	001560-92-5 93
2		2-methyloctacosane	408 C29H60	1000376-72-8 91
3		Heneicosane	296 C21H44	000629-94-7 91
4		Hexacosane	366 C26H54	000630-01-3 90
5		Eicosane, 7-hexyl-	366 C26H54	055333-99-8 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114708.D
Acq On : 31 May 2019 15:12
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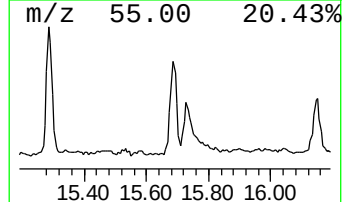
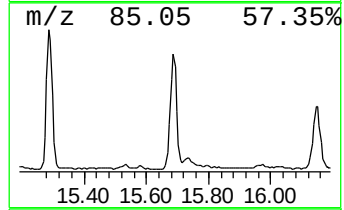
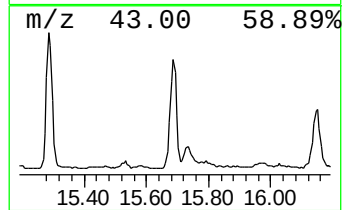
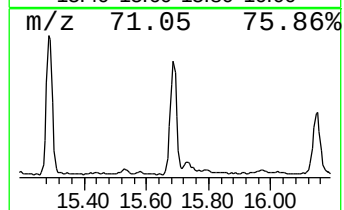
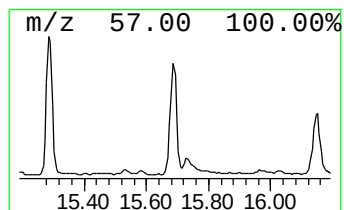
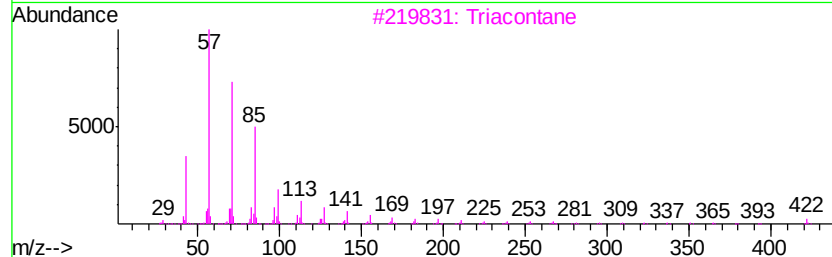
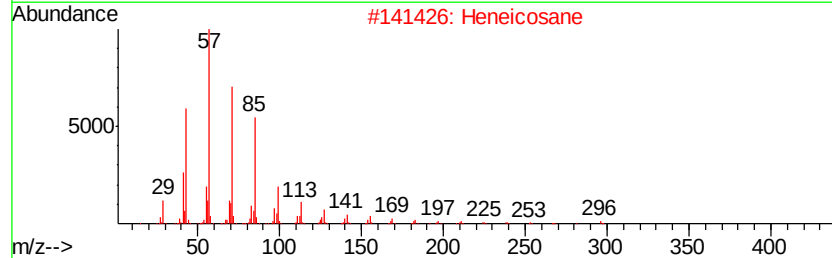
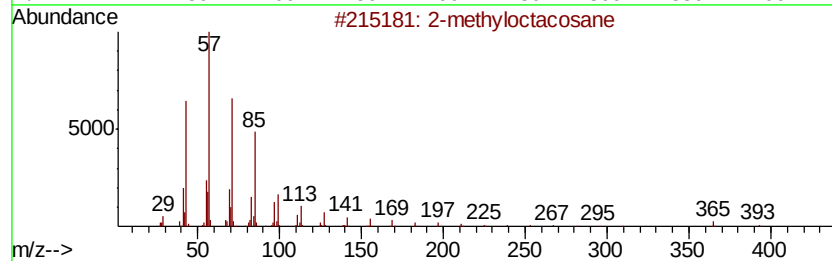
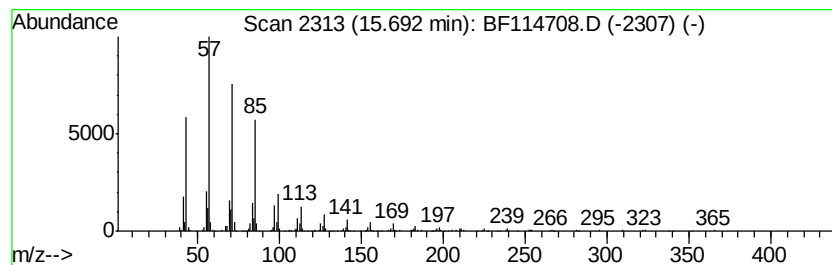
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	7.69 ng	992512	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114708.D
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Sample : K3072-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-6

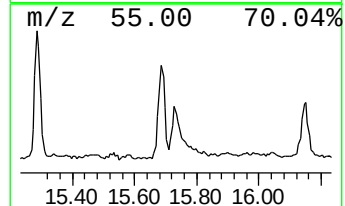
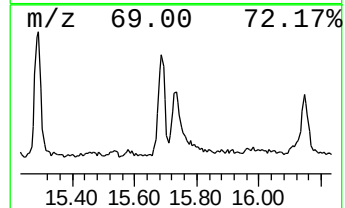
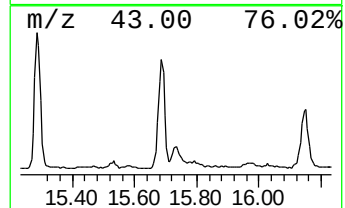
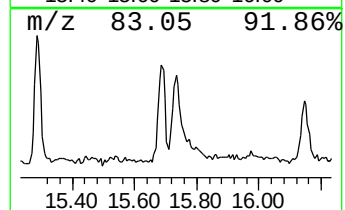
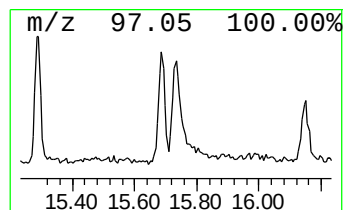
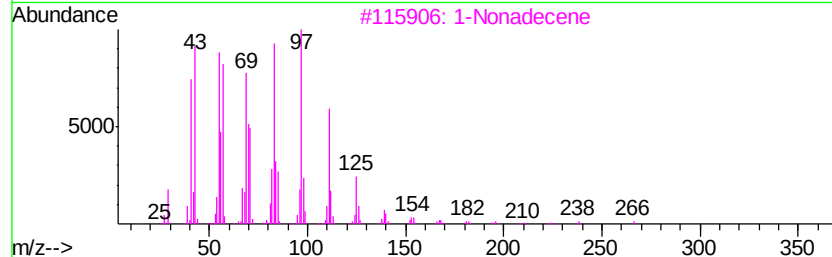
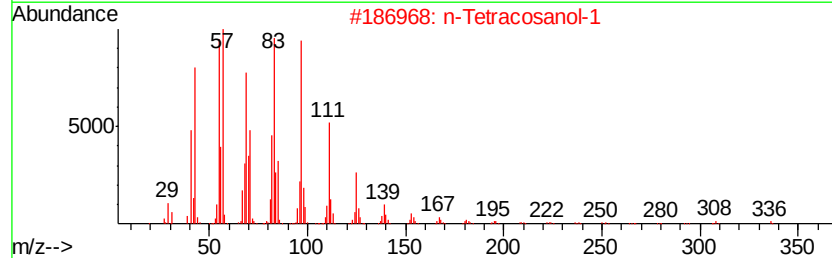
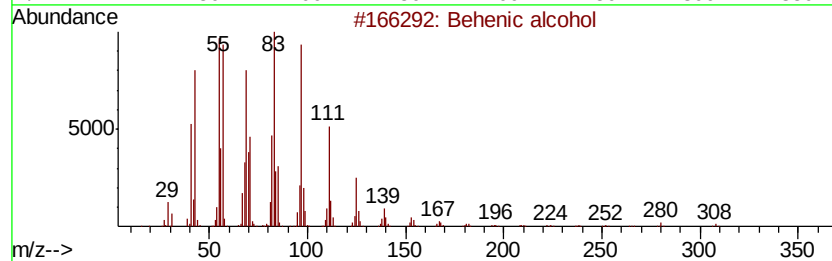
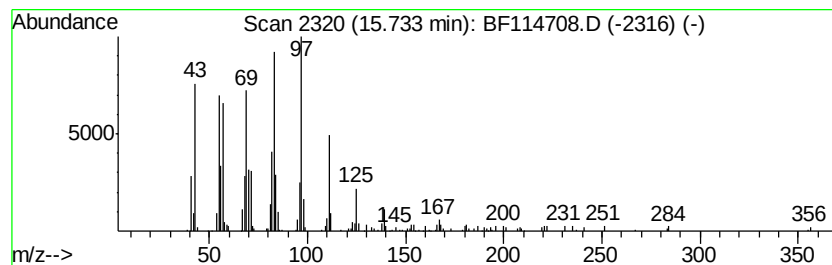
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Behenic alcohol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.43 ng	312912	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Nonadecene	266	C19H38	018435-45-5	90
4		1-Octadecanol	270	C18H38O	000112-92-5	83
5		1-Heneicosanol	312	C21H44O	015594-90-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114708.D
Acq On : 31 May 2019 15:12
Operator : HP/JU
Sample : K3072-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

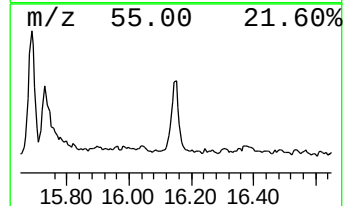
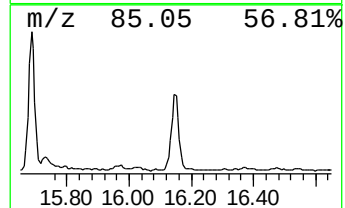
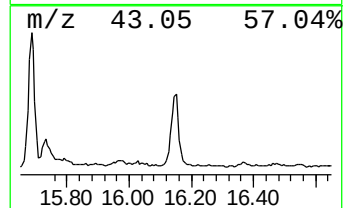
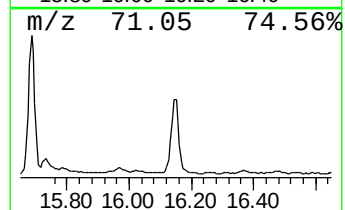
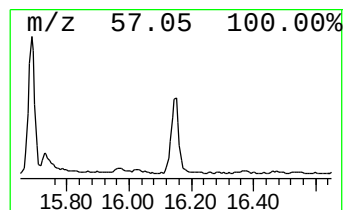
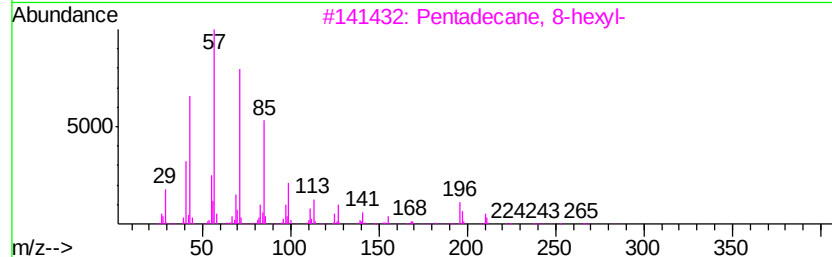
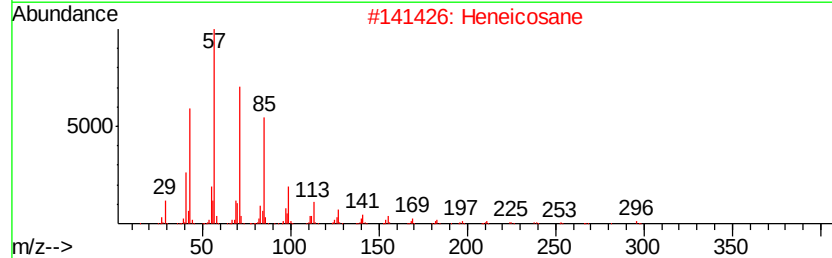
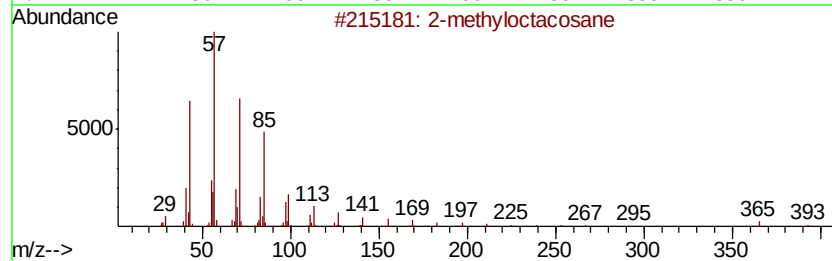
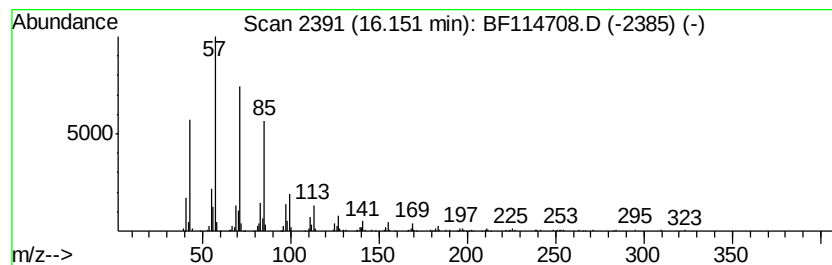
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	5.03 ng	649481	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114708.D
 Acq On : 31 May 2019 15:12
 Operator : HP/JU
 Sample : K3072-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	69.4	ng	6319970	1	6.69	1822450	20.0
Resorcinol	8.41	6.1	ng	721536	2	7.97	2367770	20.0
n-Hexadecanoic acid	11.74	9.2	ng	1337820	4	11.19	2924760	20.0
Octadecanoic acid	12.52	7.5	ng	1091130	5	13.82	2902330	20.0
n-Tetracosanol-1	13.68	11.6	ng	1684820	5	13.82	2902330	20.0
Eicosane	14.02	2.7	ng	385625	5	13.82	2902330	20.0
Heptadecane, 9-oc...	14.32	4.7	ng	675243	5	13.82	2902330	20.0
Docosane, 11-butyl-	14.63	6.4	ng	826363	6	15.22	2580160	20.0
Supraene	14.69	5.1	ng	660938	6	15.22	2580160	20.0
Heneicosane	14.94	8.2	ng	1052920	6	15.22	2580160	20.0
Hexadecane, 2-met...	15.29	8.7	ng	1117940	6	15.22	2580160	20.0
2-methyloctacosane	15.69	7.7	ng	992512	6	15.22	2580160	20.0
Behenic alcohol	15.73	2.4	ng	312912	6	15.22	2580160	20.0
unknown16.15	16.15	5.0	ng	649481	6	15.22	2580160	20.0