

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090319\
 Data File : BF116777.D
 Acq On : 3 Sep 2019 17:25
 Operator : HP/JU
 Sample : K4554-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-(0-2)

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-BF083019.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	5.469	570	575	578	rBV	3633445	3735313	84.04%	10.131%
2	6.481	741	747	752	rBV2	3515488	4335192	97.54%	11.758%
3	6.622	766	771	774	rBV	4214959	3995849	89.91%	10.838%
4	6.845	806	809	813	rBV	916758	740597	16.66%	2.009%
5	7.004	832	836	840	rBV	3333602	2972059	66.87%	8.061%
6	7.410	899	905	908	rBV	2557176	2543355	57.23%	6.898%
7	8.127	1023	1027	1031	rBV	1195279	954013	21.47%	2.588%
8	9.204	1205	1210	1213	rBV	5020097	4444460	100.00%	12.055%
9	9.592	1272	1276	1279	rBV	397230	312964	7.04%	0.849%
10	9.880	1321	1325	1329	rBV	1377132	1109589	24.97%	3.010%
11	10.668	1454	1459	1462	rBV	2963270	2766192	62.24%	7.503%
12	11.363	1573	1577	1580	rBV	1330366	1101619	24.79%	2.988%
13	11.886	1662	1666	1676	rBV	310357	286066	6.44%	0.776%
14	12.668	1796	1799	1806	rBV	95837	102528	2.31%	0.278%
15	12.945	1841	1846	1850	rBV	4019075	4238255	95.36%	11.495%
16	13.421	1924	1927	1934	rVB2	40793	49800	1.12%	0.135%
17	13.833	1994	1997	2007	rBV3	370021	467530	10.52%	1.268%
18	13.992	2020	2024	2027	rBV	950058	830559	18.69%	2.253%
19	14.156	2049	2052	2056	rBV	85017	88486	1.99%	0.240%
20	14.462	2099	2104	2110	rBV	127092	173256	3.90%	0.470%
21	14.768	2153	2156	2160	rVB	119218	110320	2.48%	0.299%
22	15.103	2209	2213	2220	rVB	142765	168303	3.79%	0.456%
23	15.445	2266	2271	2275	rBV	670229	878685	19.77%	2.383%
24	15.474	2275	2276	2281	rVB	138013	147353	3.32%	0.400%
25	15.909	2345	2350	2355	rBV2	120854	196734	4.43%	0.534%
26	16.403	2431	2434	2442	rVB3	69485	119769	2.69%	0.325%

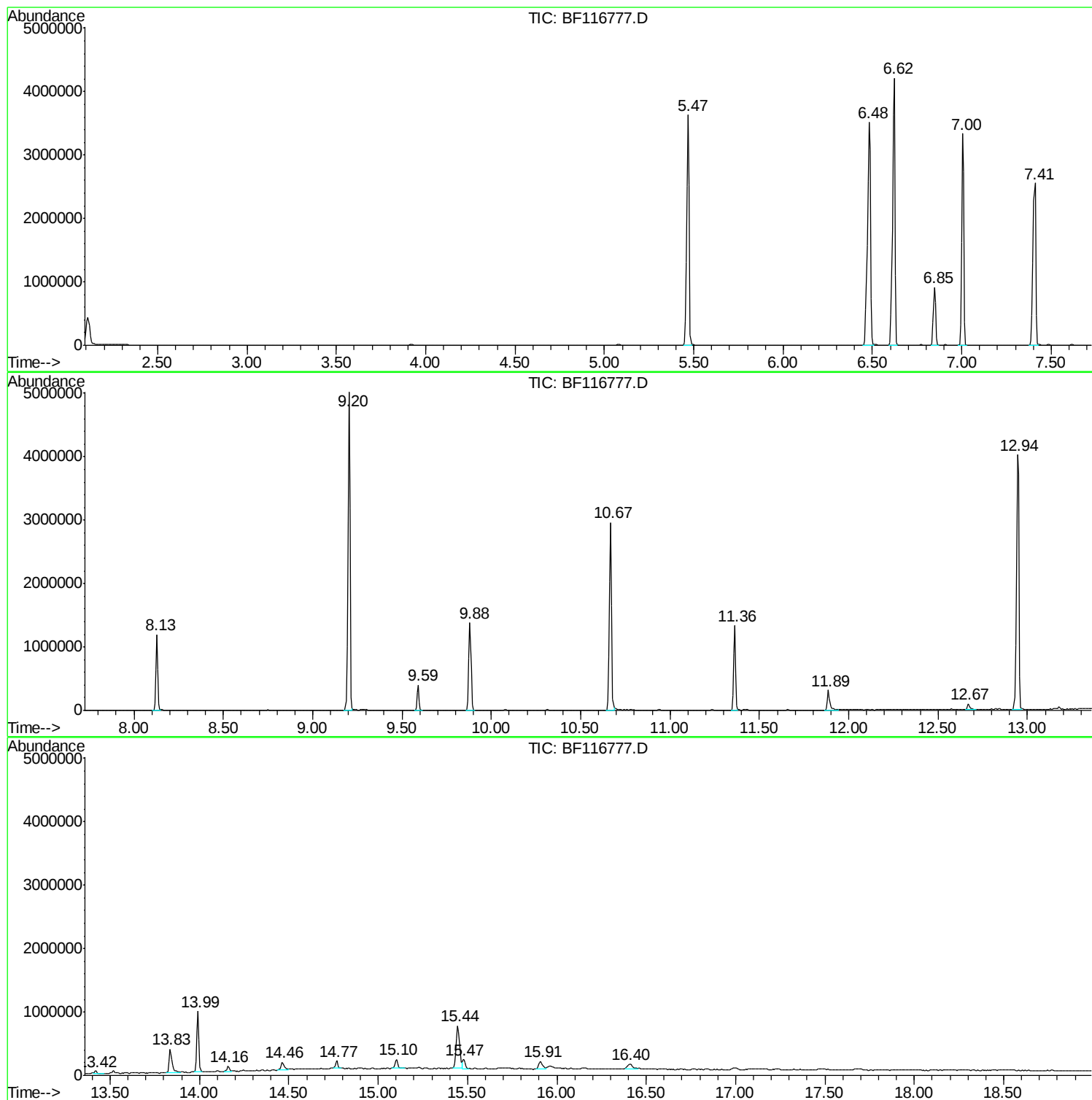
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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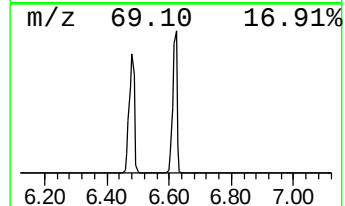
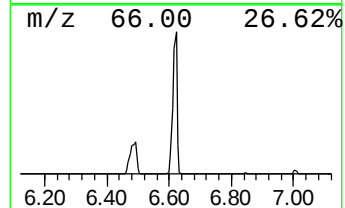
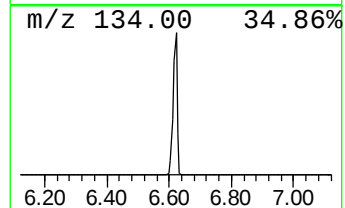
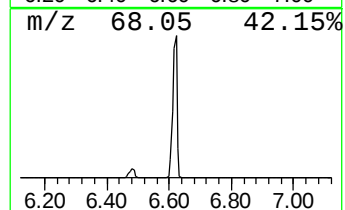
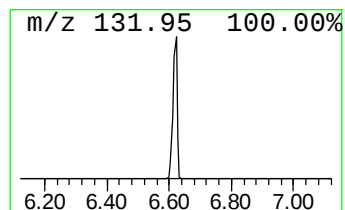
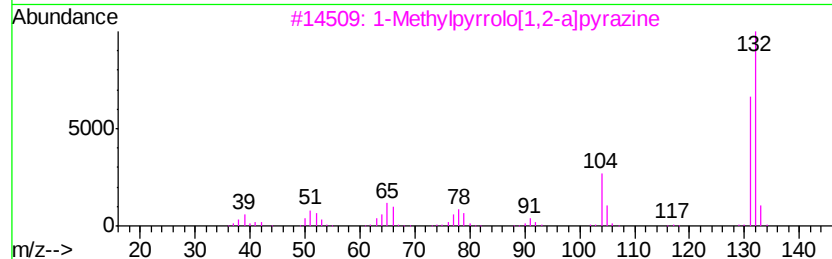
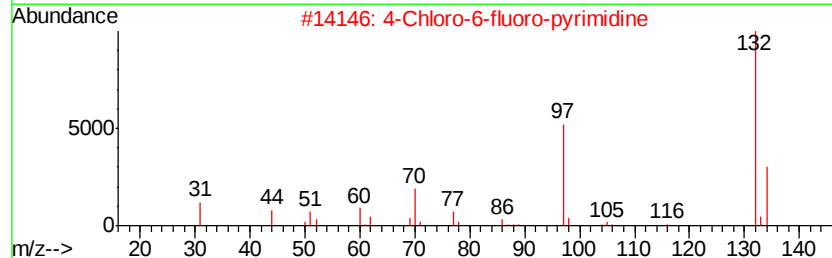
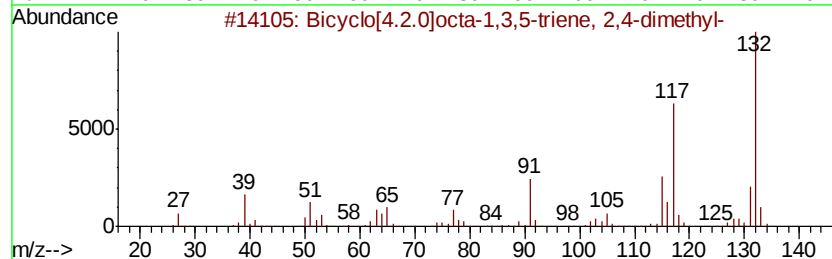
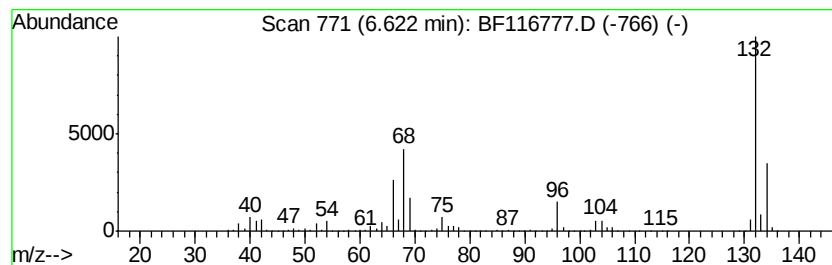
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	107.91 ng	3995850	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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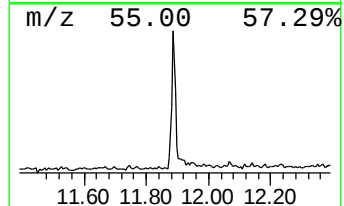
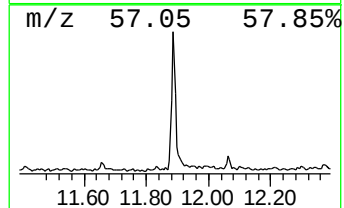
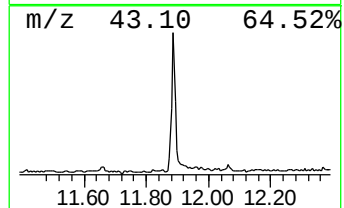
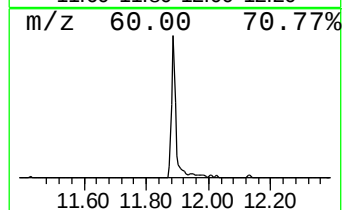
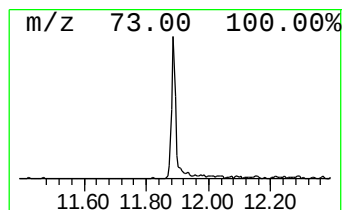
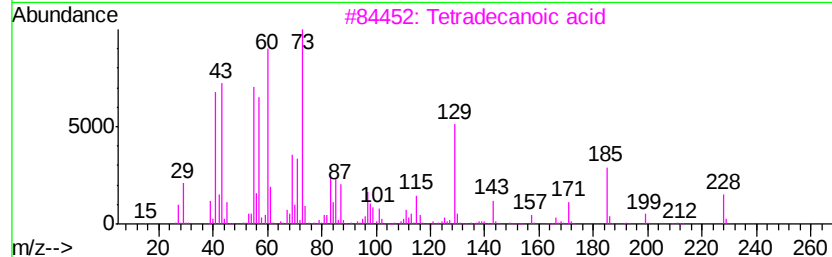
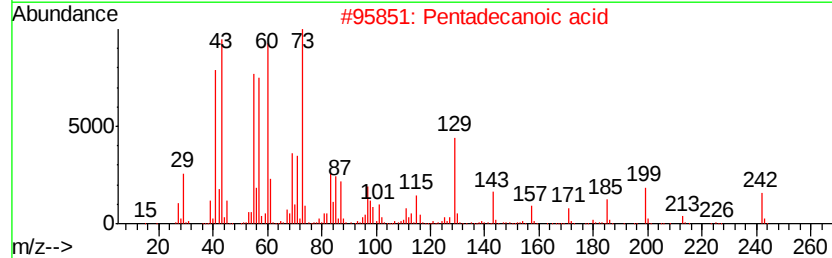
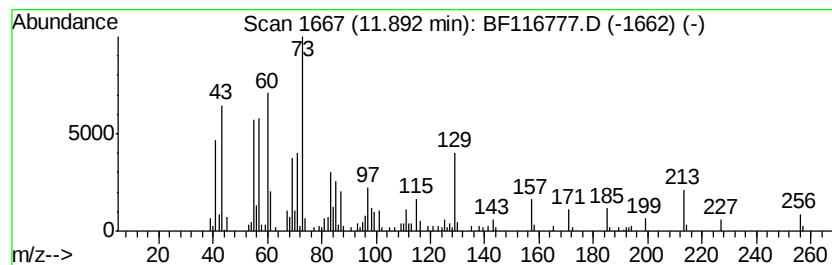
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.19 ng	286066	Phenanthrene-d10	11.36

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	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



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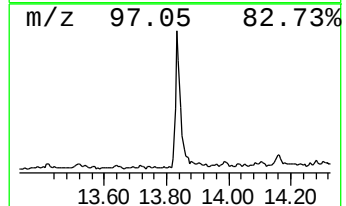
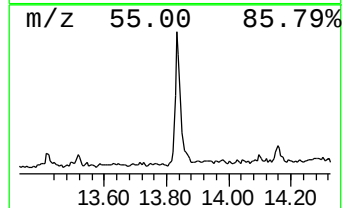
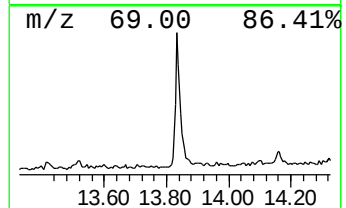
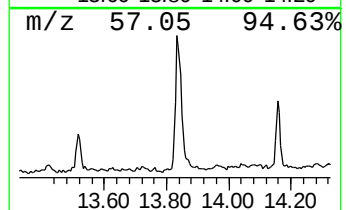
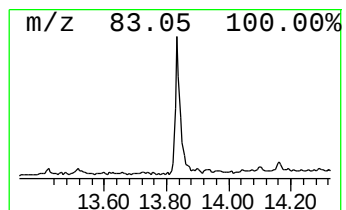
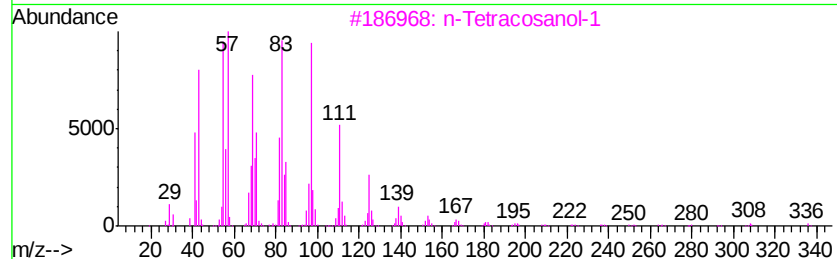
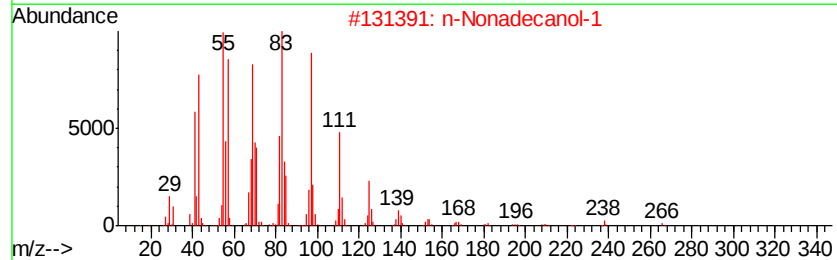
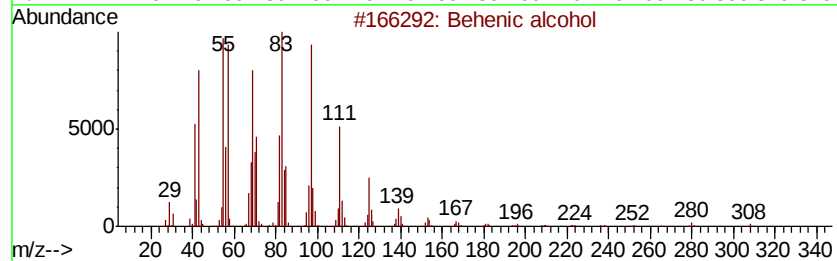
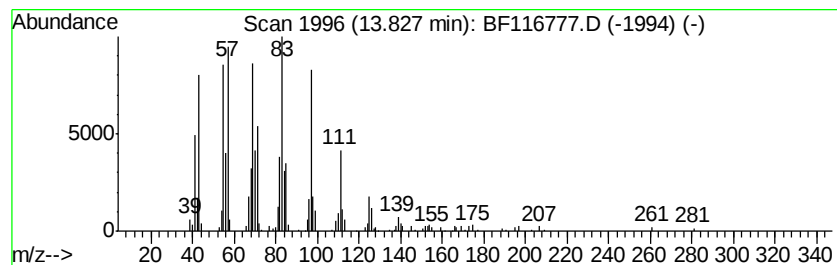
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Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	11.26 ng	467530	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93



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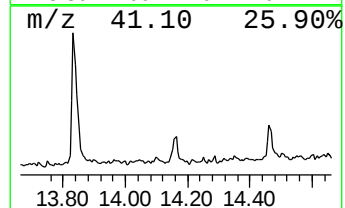
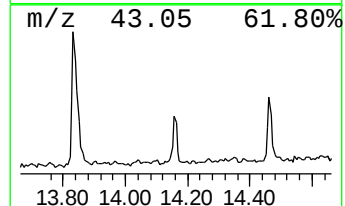
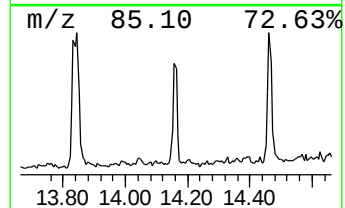
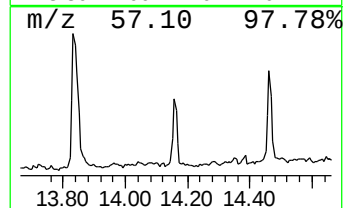
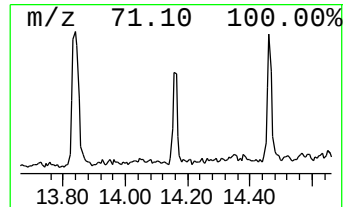
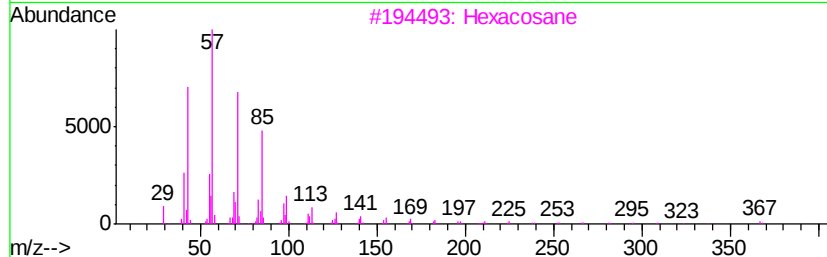
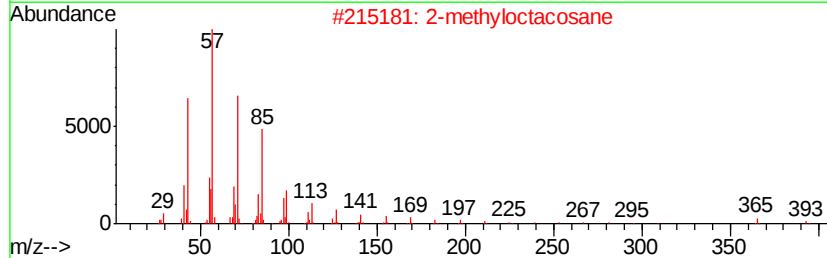
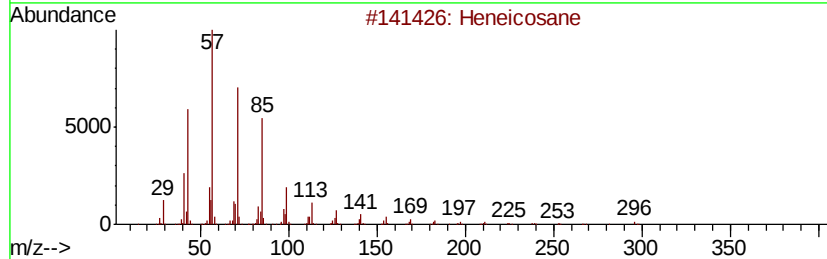
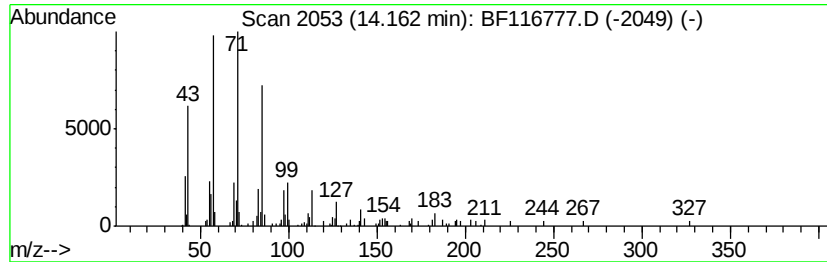
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.13 ng	88486	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	90
5	2-methyltetracosane		352	C25H52	1000376-72-6	90



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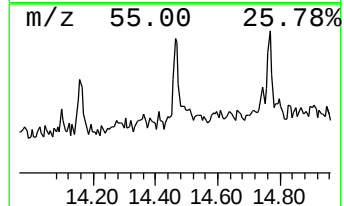
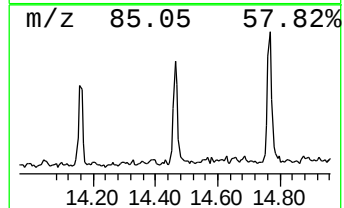
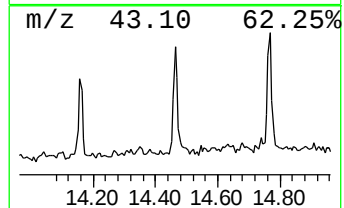
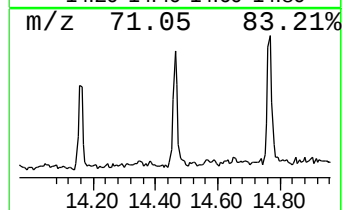
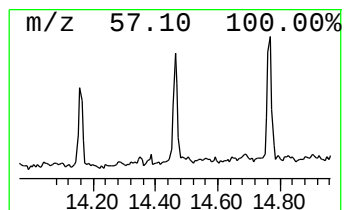
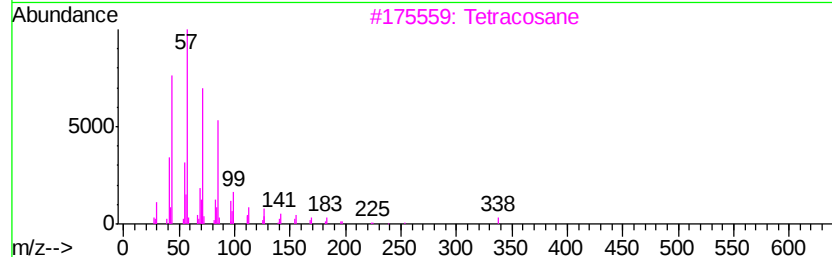
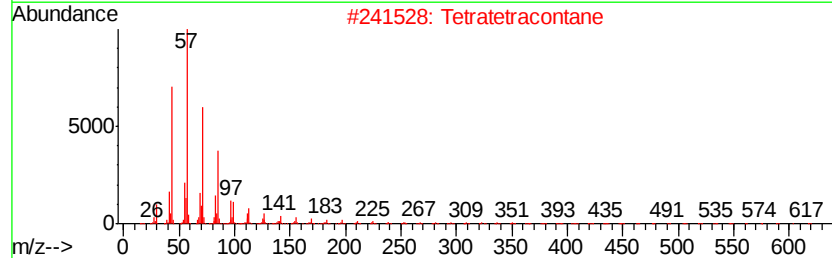
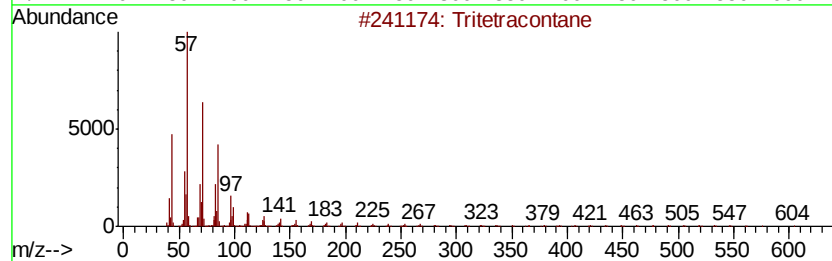
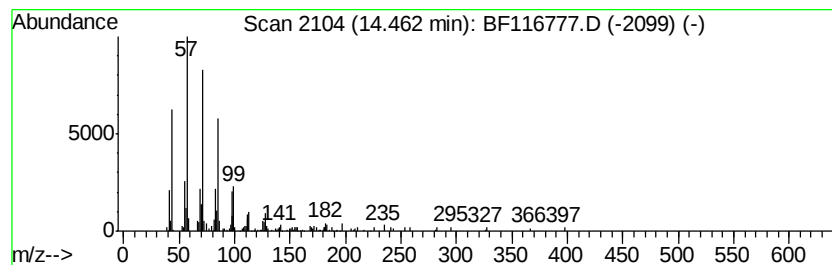
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.17 ng	173256	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	86
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Tetracosane	338	C24H50	000646-31-1	80
4		2-methyloctacosane	408	C29H60	1000376-72-8	80
5		Heneicosane	296	C21H44	000629-94-7	80



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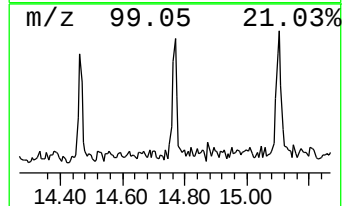
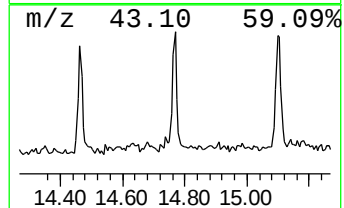
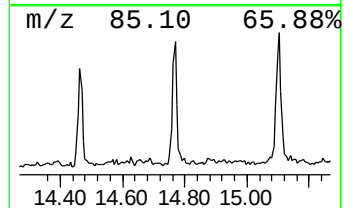
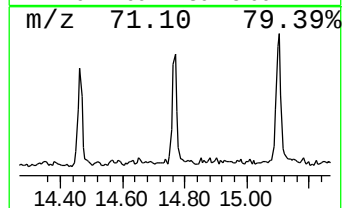
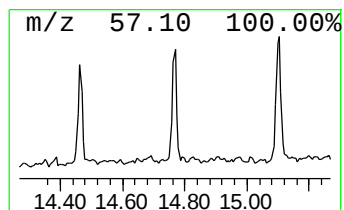
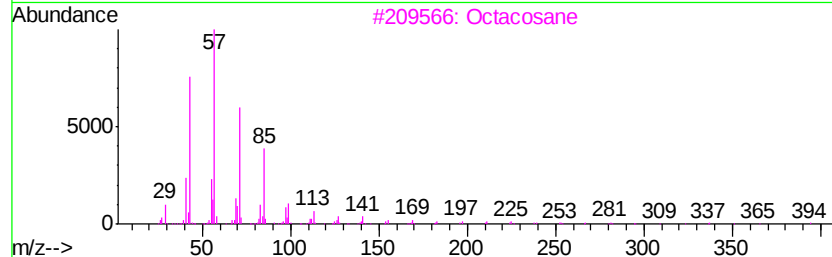
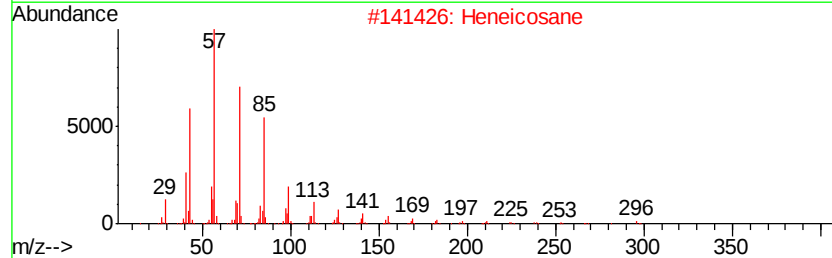
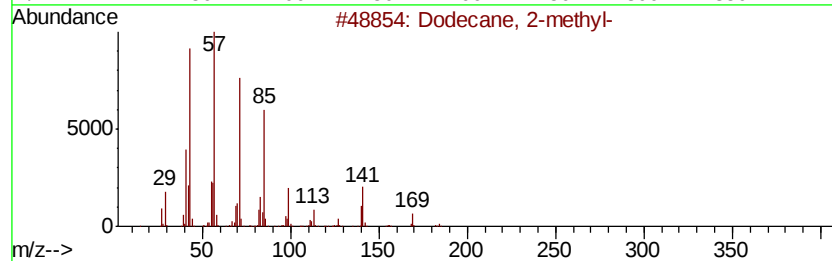
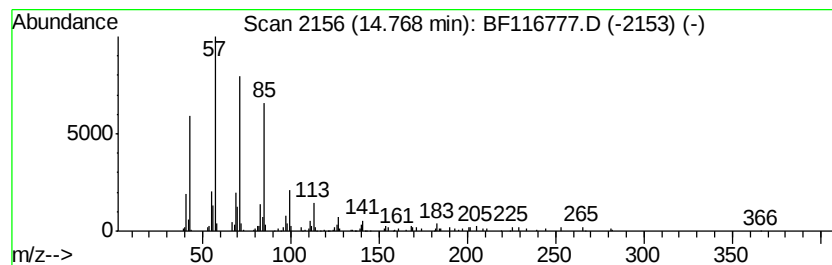
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.51 ng	110320	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetracosane	338	C24H50	000646-31-1	80
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116777.D
Acq On : 3 Sep 2019 17:25
Operator : HP/JU
Sample : K4554-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13-(0-2)

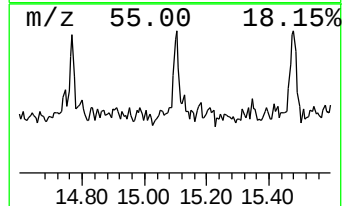
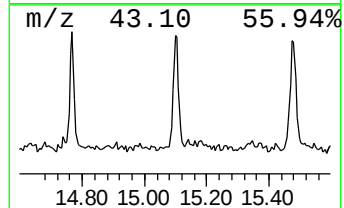
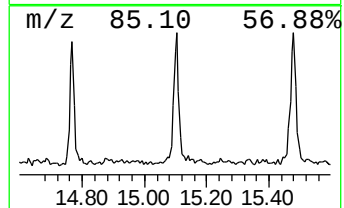
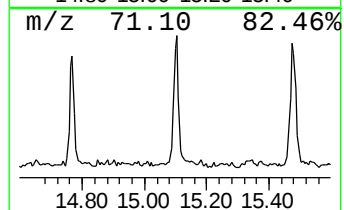
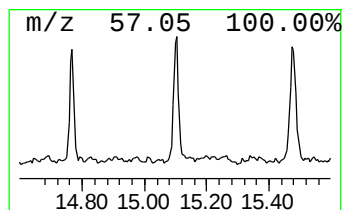
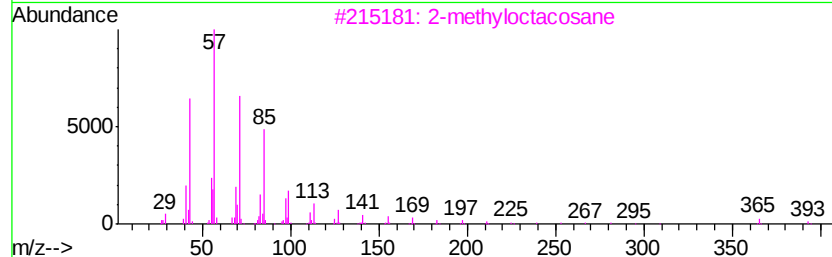
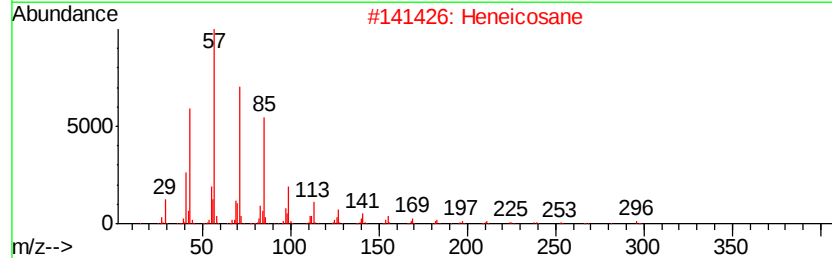
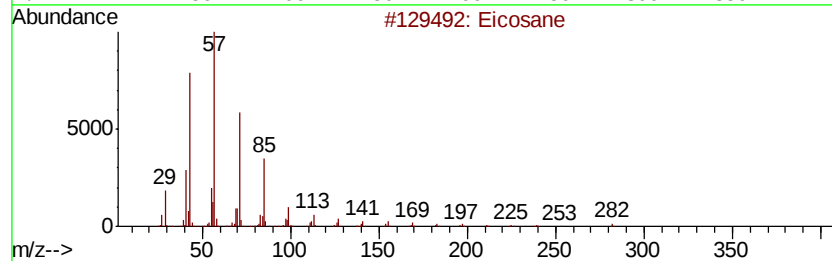
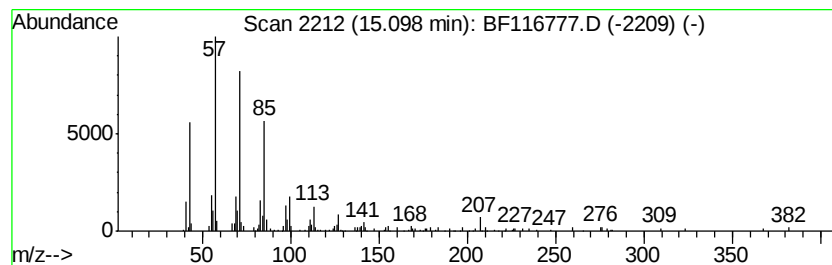
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.83 ng	168303	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	triacontane		422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116777.D
Acq On : 3 Sep 2019 17:25
Operator : HP/JU
Sample : K4554-01
Misc :
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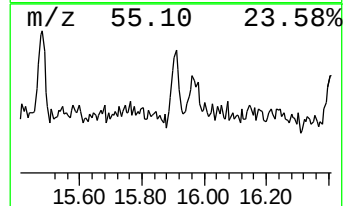
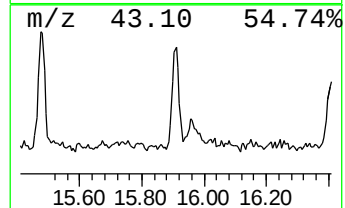
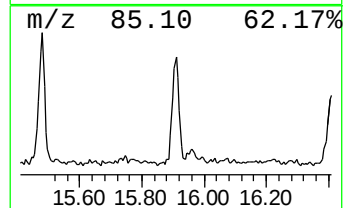
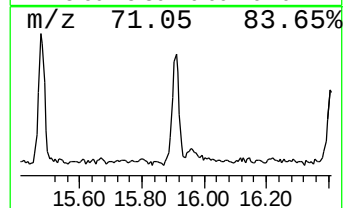
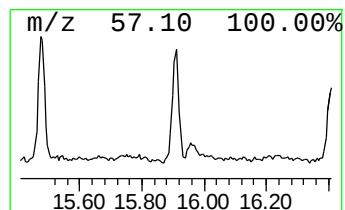
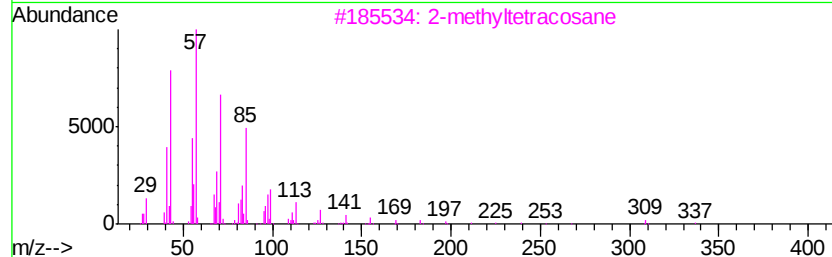
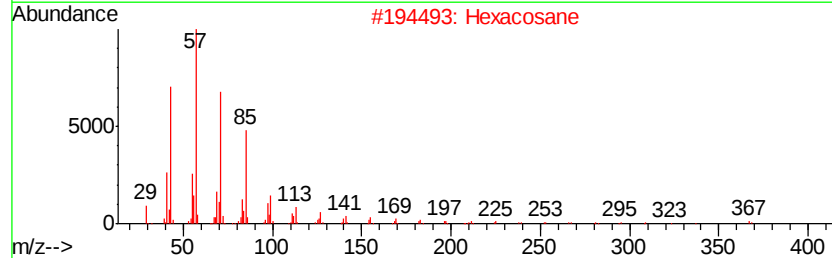
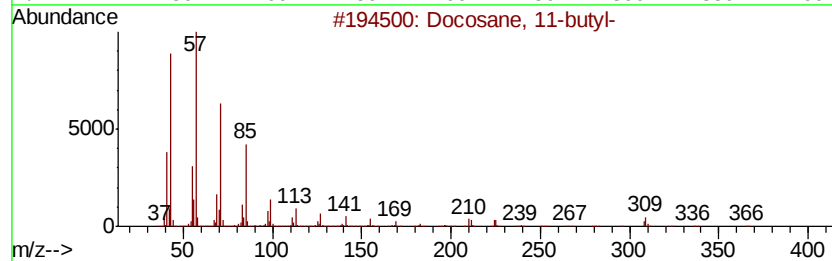
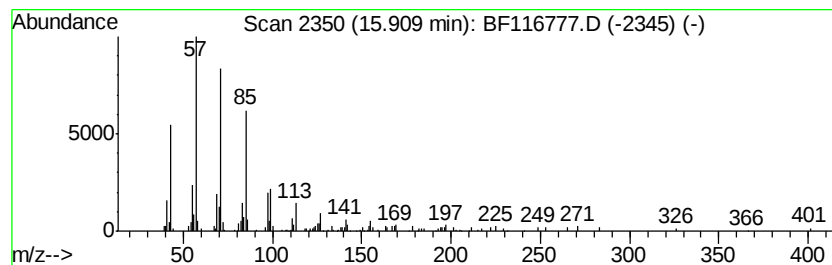
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.91	4.48 ng	196734	Perylene-d12	15.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyltetracosane	352	C25H52	1000376-72-6	90
4	triacontane	422	C30H62	000638-68-6	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116777.D
Acq On : 3 Sep 2019 17:25
Operator : HP/JU
Sample : K4554-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-(0-2)

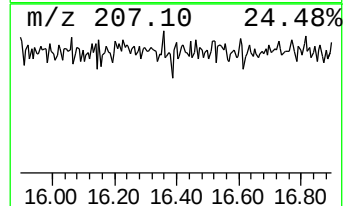
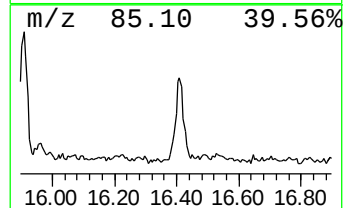
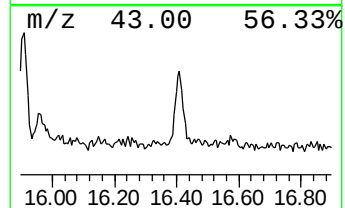
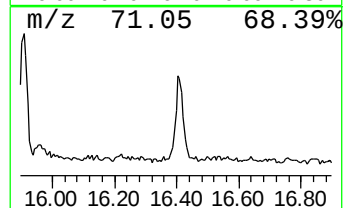
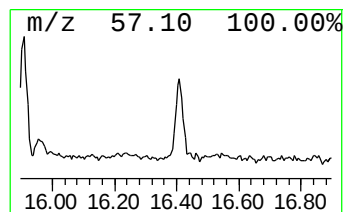
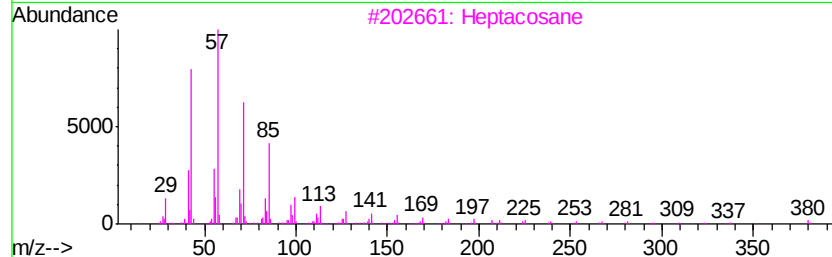
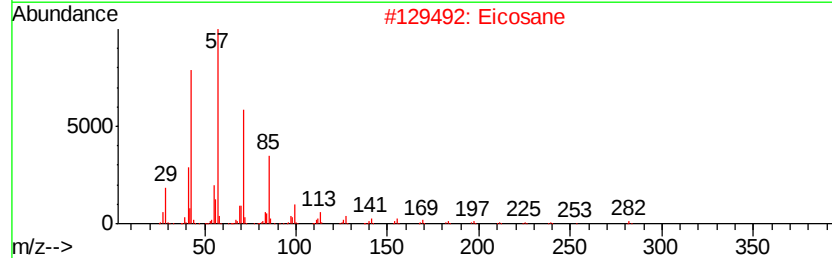
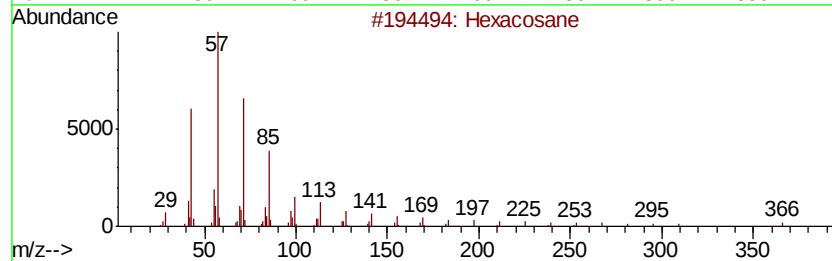
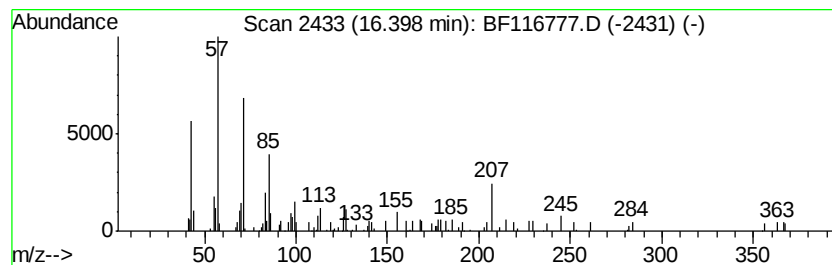
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.73 ng	119769	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090319\
Data File : BF116777.D
Acq On : 3 Sep 2019 17:25
Operator : HP/JU
Sample : K4554-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
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n-Hexadecanoic acid	11.89	5.2	ng	286066	4	11.36	1101620	20.0
Behenic alcohol	13.83	11.3	ng	467530	5	13.99	830559	20.0
Heneicosane	14.16	2.1	ng	88486	5	13.99	830559	20.0
Tritetracontane	14.46	4.2	ng	173256	5	13.99	830559	20.0
Dodecane, 2-methyl-	14.77	2.5	ng	110320	6	15.44	878685	20.0
Eicosane	15.10	3.8	ng	168303	6	15.44	878685	20.0
Docosane, 11-butyl-	15.91	4.5	ng	196734	6	15.44	878685	20.0
Hexacosane	16.40	2.7	ng	119769	6	15.44	878685	20.0