

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083019\
 Data File : BF116670.D
 Acq On : 31 Aug 2019 00:36
 Operator : HP/JU
 Sample : K4613-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-D

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	5.463	569	574	577	rBV	2816533	2752585	86.28%	10.115%
2	6.475	740	746	750	rBV	2996360	3124304	97.94%	11.481%
3	6.616	765	770	773	rBV	3220049	2993608	93.84%	11.001%
4	6.845	805	809	812	rBV	740386	569943	17.87%	2.094%
5	7.004	832	836	839	rBV	2568833	2137706	67.01%	7.856%
6	7.404	899	904	907	rBV	2114040	1860475	58.32%	6.837%
7	8.128	1023	1027	1030	rBV	909267	731172	22.92%	2.687%
8	9.204	1205	1210	1213	rBV	3685265	3190135	100.00%	11.723%
9	9.592	1272	1276	1279	rBV	293714	237935	7.46%	0.874%
10	9.880	1321	1325	1328	rBV	1005994	847354	26.56%	3.114%
11	10.663	1454	1458	1462	rBV	1924912	1848047	57.93%	6.791%
12	11.357	1573	1576	1580	rBV	984676	842685	26.42%	3.097%
13	11.886	1662	1666	1676	rBV2	188933	180998	5.67%	0.665%
14	12.668	1796	1799	1811	rBV	58361	69381	2.17%	0.255%
15	12.945	1841	1846	1849	rBV	3286508	3092606	96.94%	11.365%
16	13.521	1941	1944	1946	rBV	55107	42177	1.32%	0.155%
17	13.833	1992	1997	2008	rBV2	186619	286141	8.97%	1.052%
18	13.992	2019	2024	2027	rBV	800211	767505	24.06%	2.820%
19	14.162	2049	2053	2056	rBV	114931	93814	2.94%	0.345%
20	14.468	2099	2105	2109	rBV	121705	127938	4.01%	0.470%
21	14.768	2152	2156	2163	rBV	120135	127815	4.01%	0.470%
22	14.845	2165	2169	2172	rVB	79242	76784	2.41%	0.282%
23	15.104	2209	2213	2222	rBV	126347	158326	4.96%	0.582%
24	15.439	2265	2270	2274	rBV	578805	702402	22.02%	2.581%
25	15.480	2274	2277	2282	rVB	113280	139383	4.37%	0.512%
26	15.915	2345	2351	2355	rBV2	82813	131219	4.11%	0.482%
27	16.415	2429	2436	2441	rVB	44142	80043	2.51%	0.294%

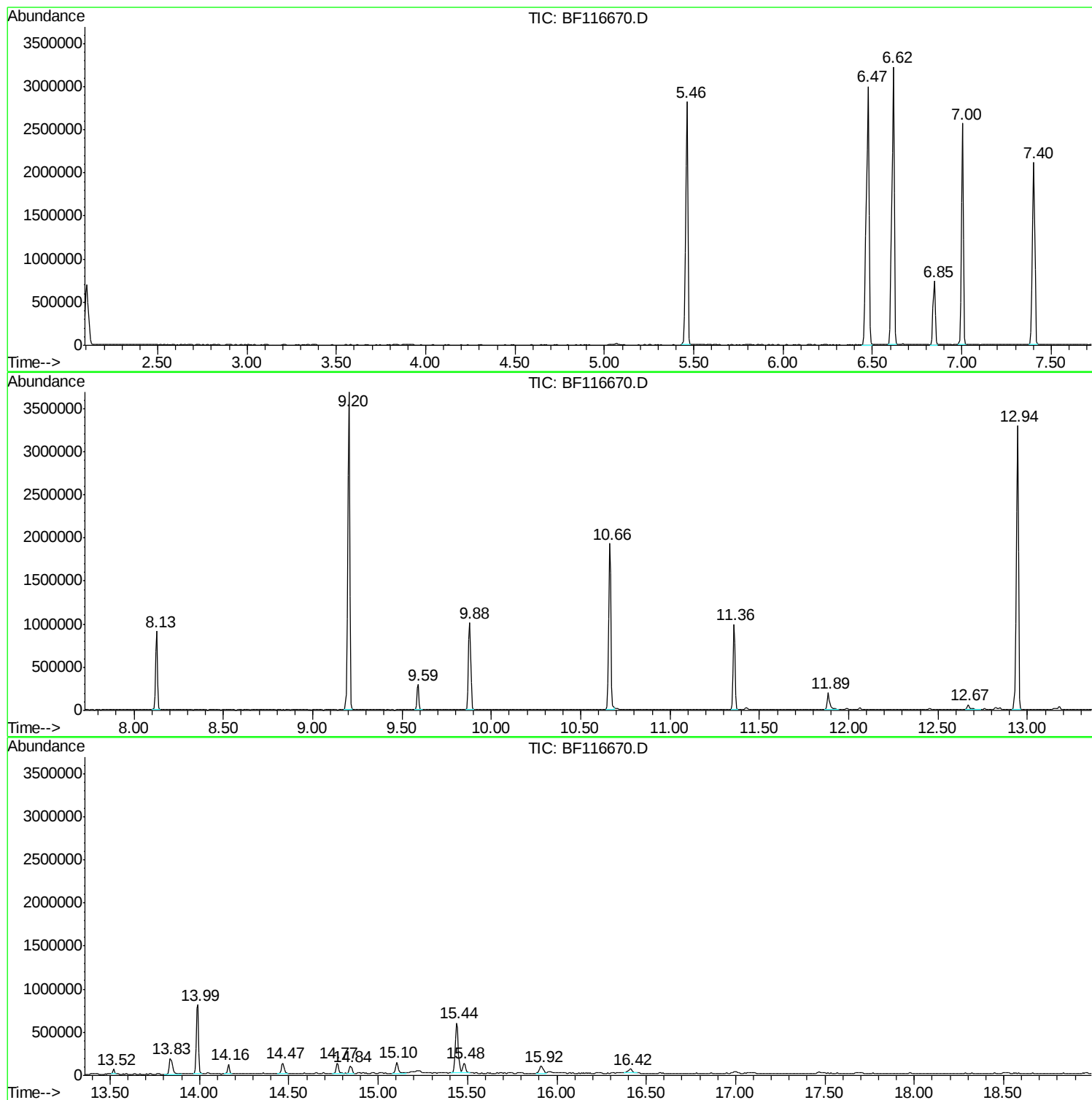
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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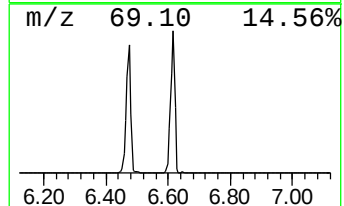
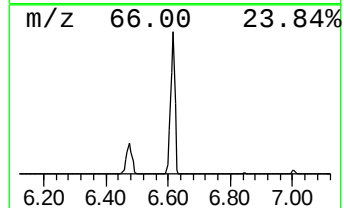
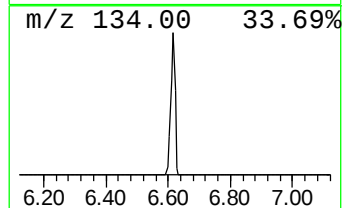
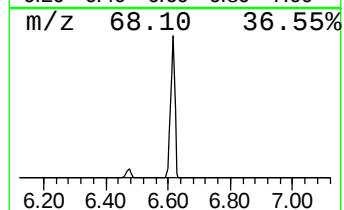
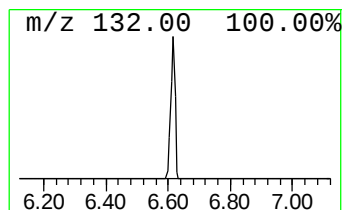
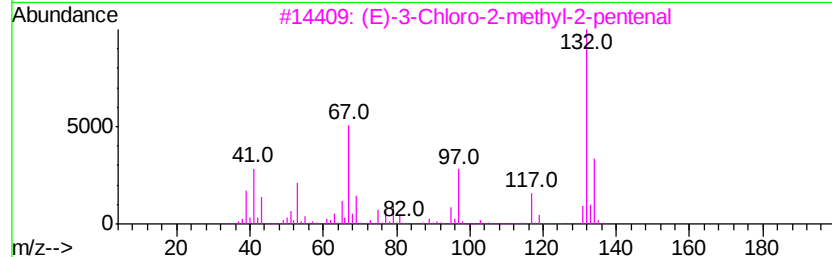
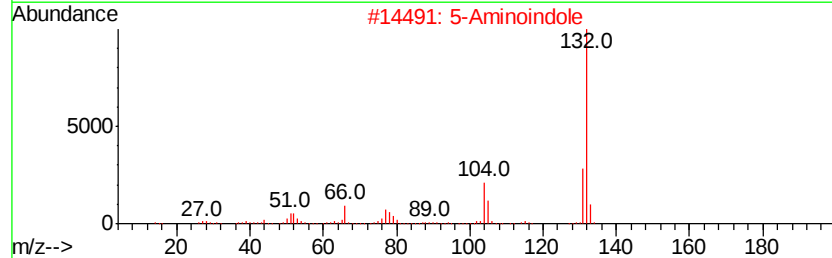
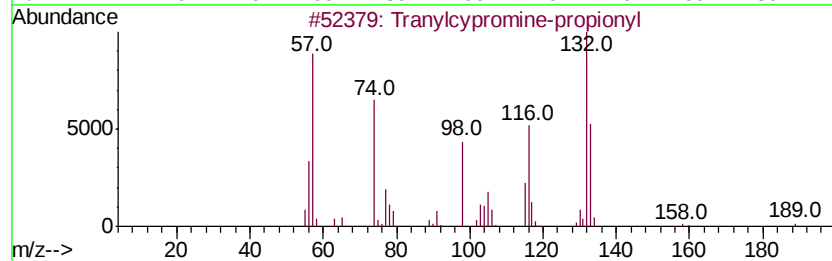
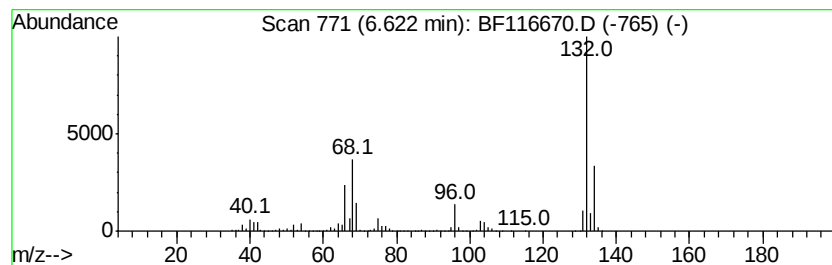
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	105.05 ng	2993610	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcyppromine-propionyl	189	C12H15NO	1000123-86-3	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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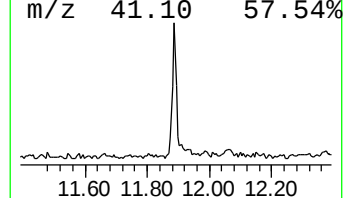
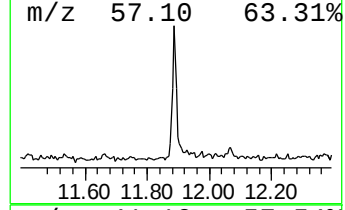
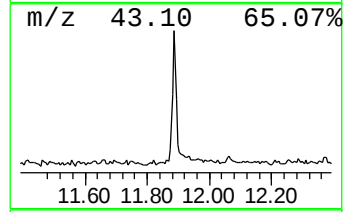
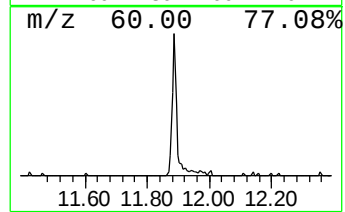
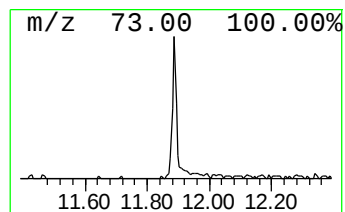
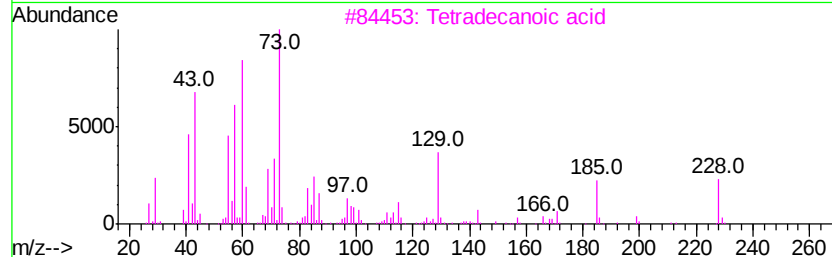
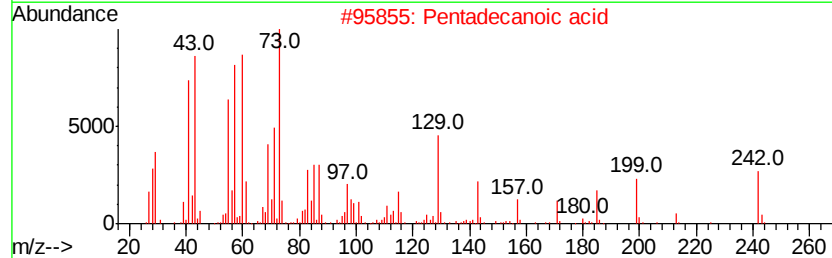
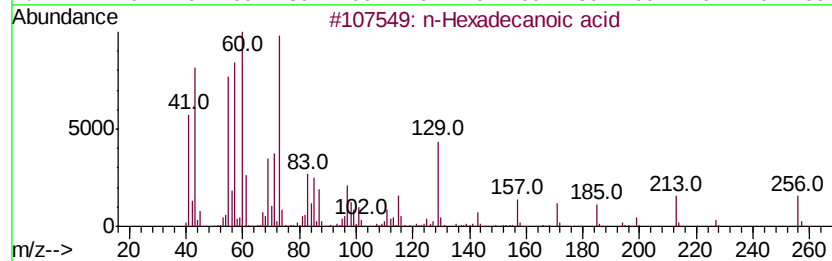
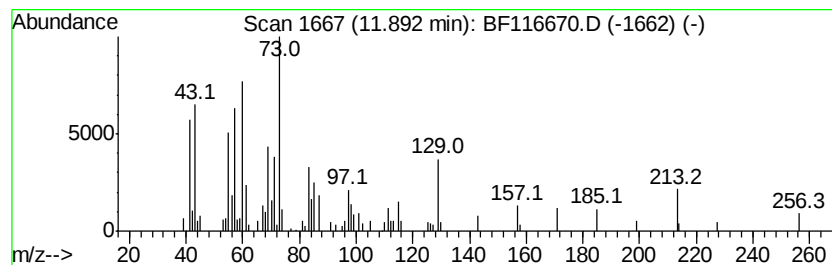
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.30 ng	180998	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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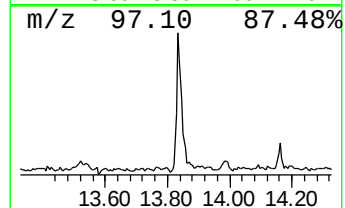
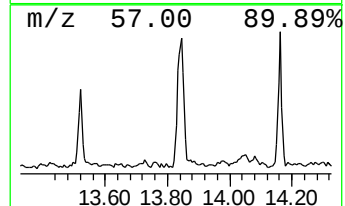
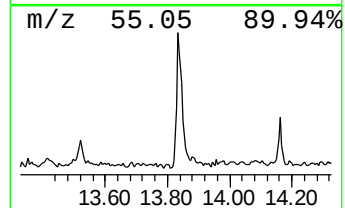
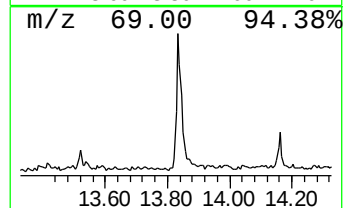
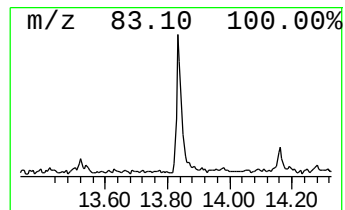
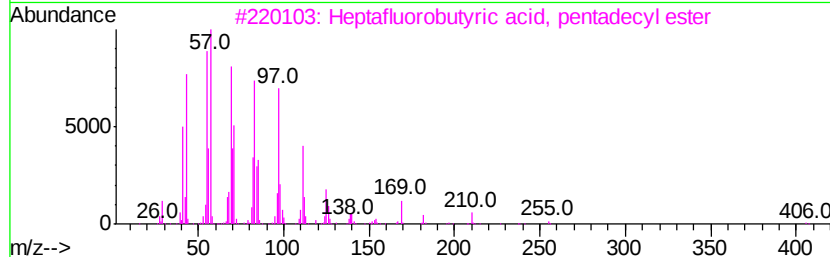
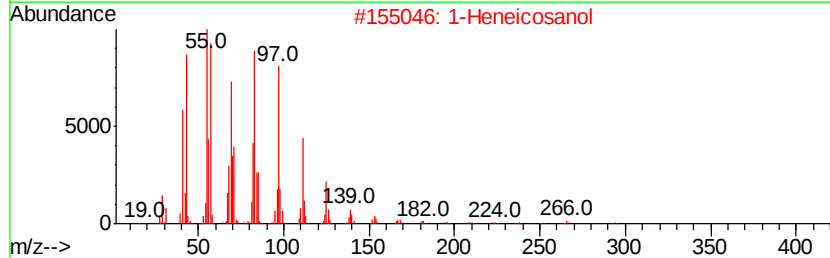
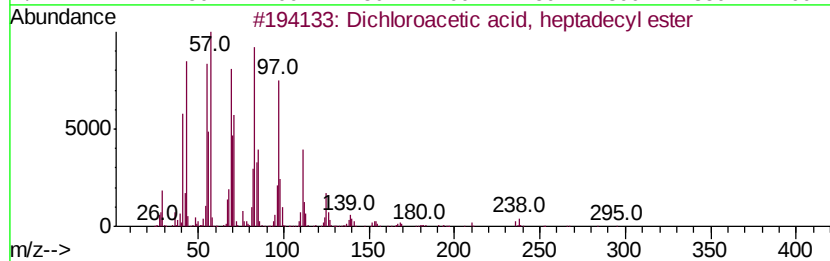
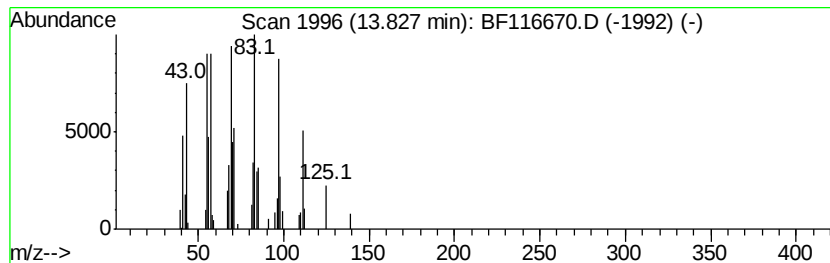
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Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.46 ng	286141	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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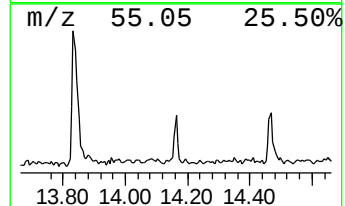
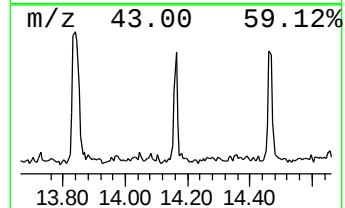
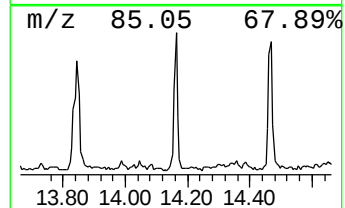
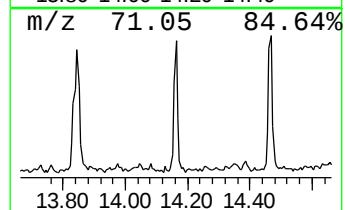
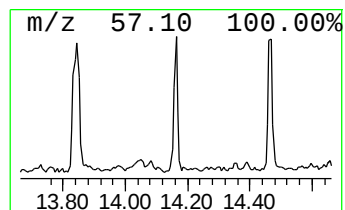
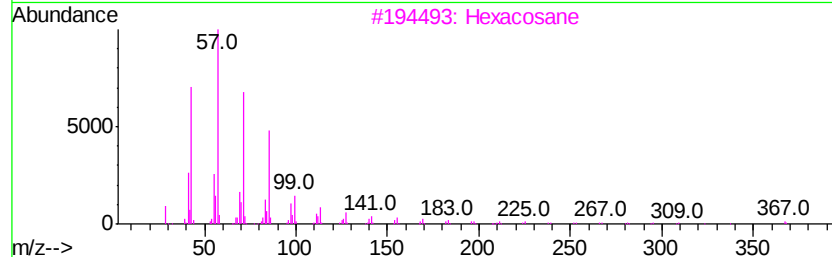
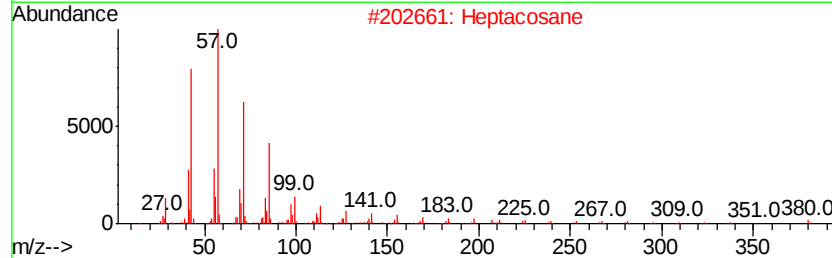
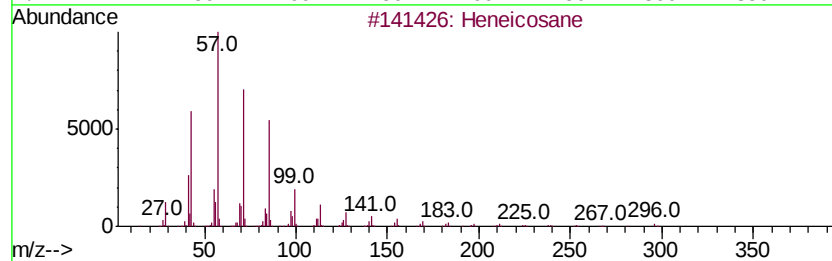
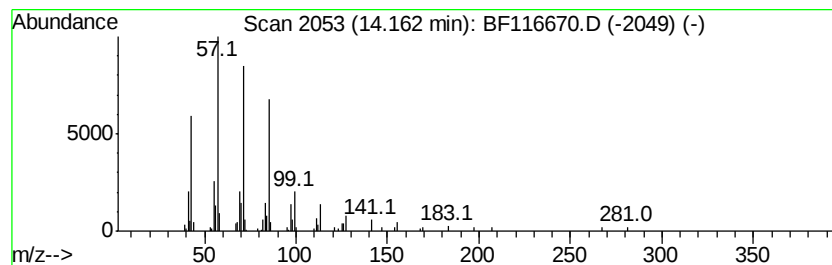
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.44 ng	93814	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	2-methyltetracosane		352	C25H52	1000376-72-6	90



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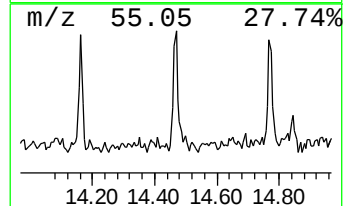
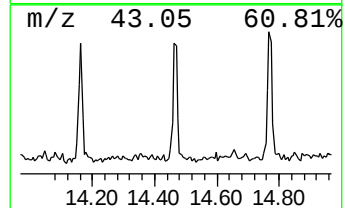
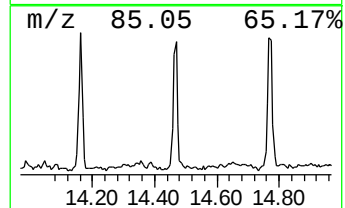
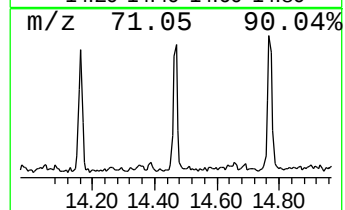
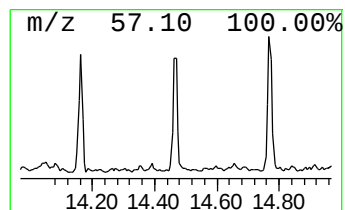
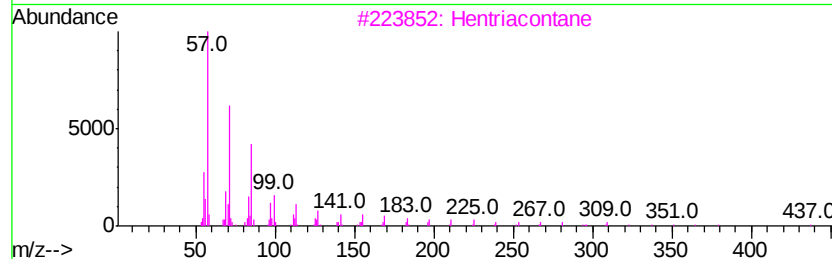
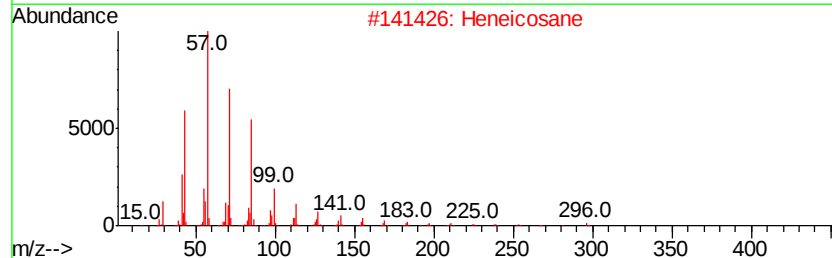
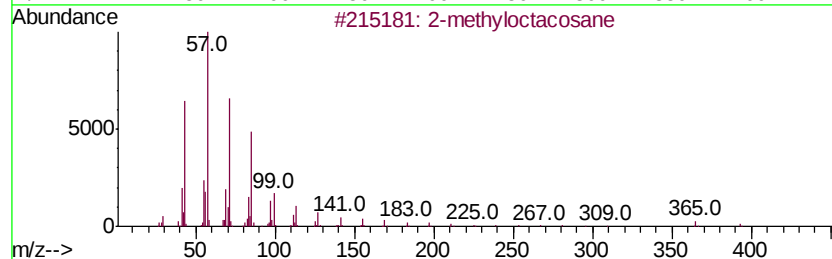
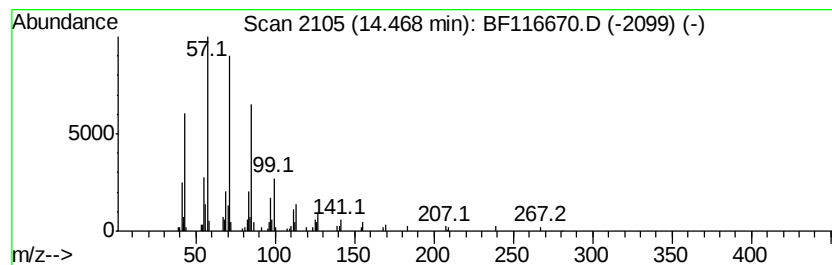
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.47	3.33 ng	127938	Chrysene-d12		13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane			408	C29H60	1000376-72-8	91
2	Heneicosane			296	C21H44	000629-94-7	87
3	Hentriacontane			437	C31H64	000630-04-6	80
4	Hexacosane			366	C26H54	000630-01-3	80
5	Heptadecane			240	C17H36	000629-78-7	72



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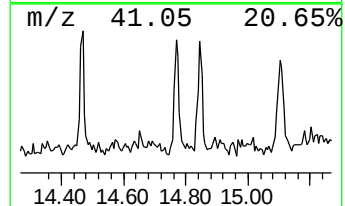
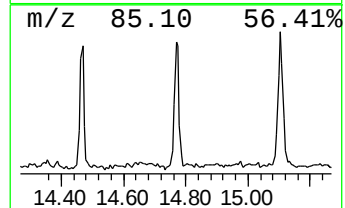
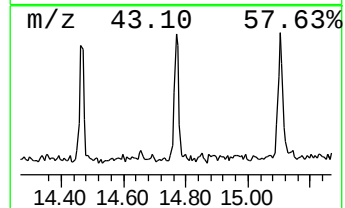
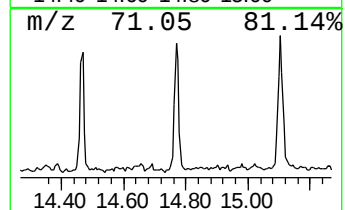
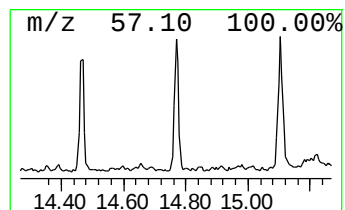
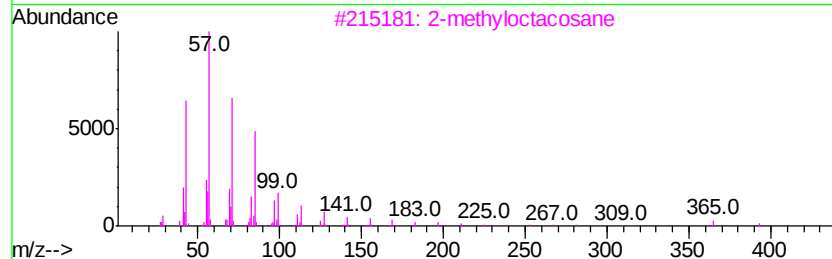
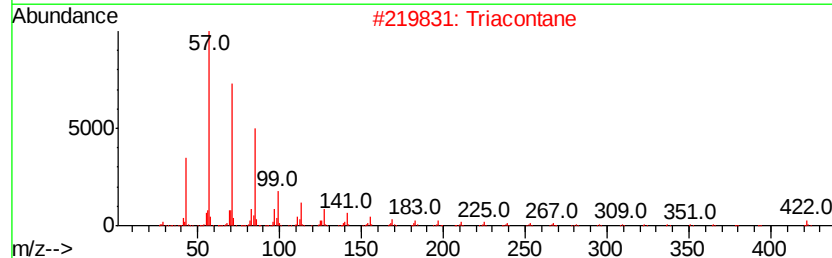
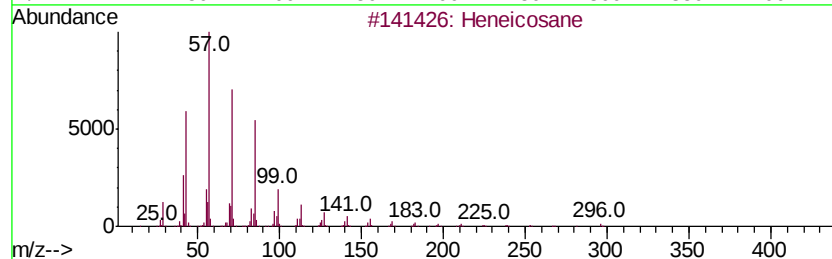
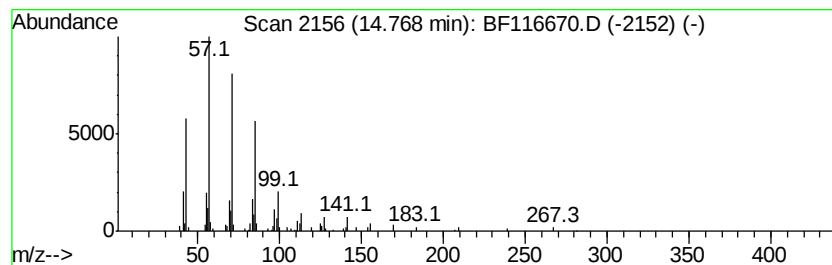
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.64 ng	127815	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116670.D
Acq On : 31 Aug 2019 00:36
Operator : HP/JU
Sample : K4613-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10-D

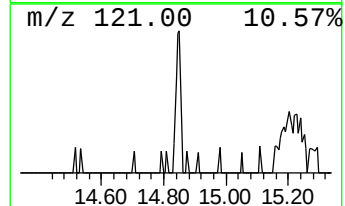
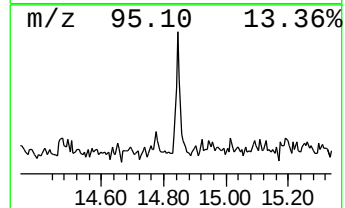
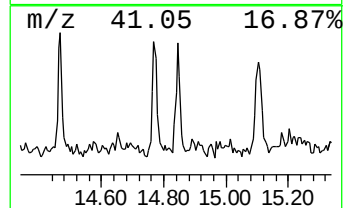
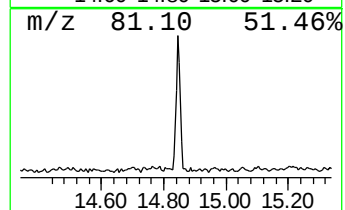
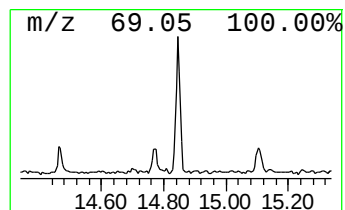
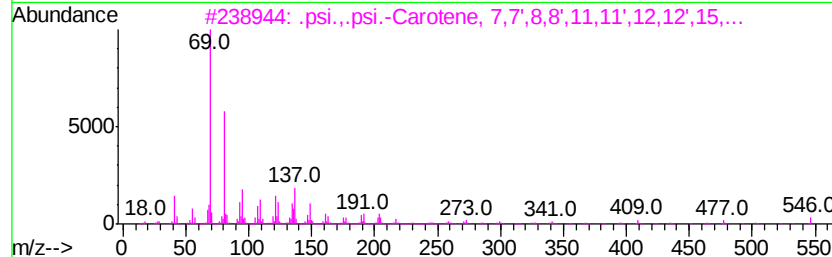
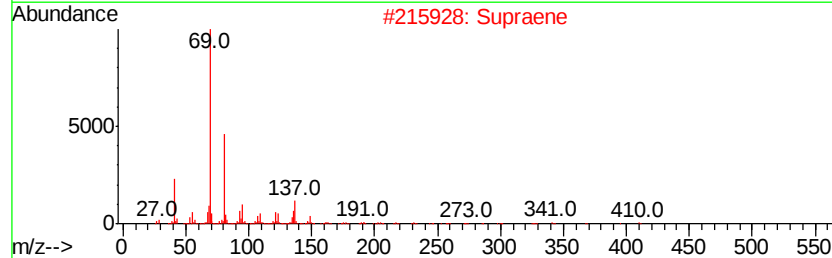
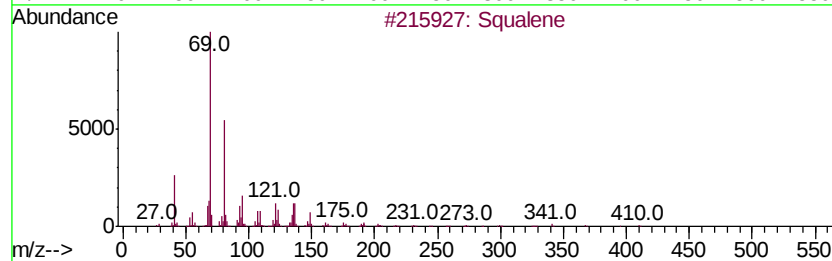
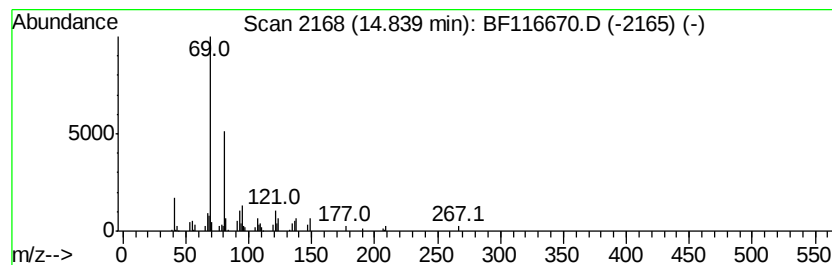
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.19 ng	76784	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Supraene	410	C30H50	007683-64-9	86
3		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78
4		Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	78
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116670.D
Acq On : 31 Aug 2019 00:36
Operator : HP/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10-D

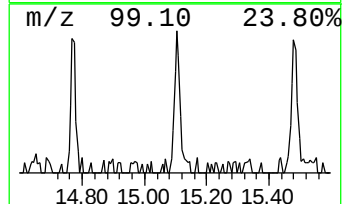
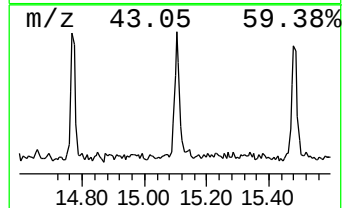
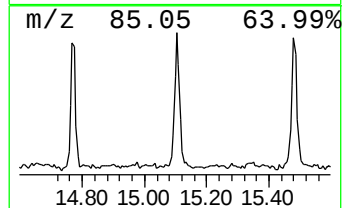
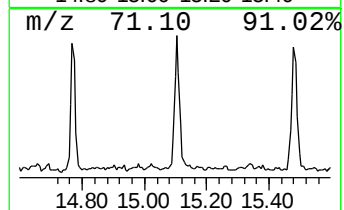
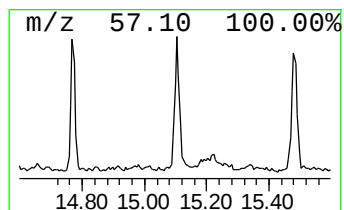
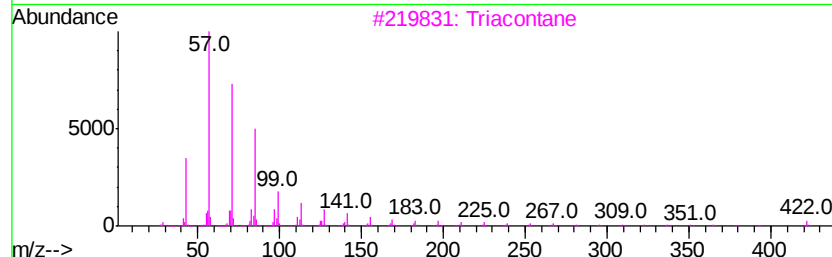
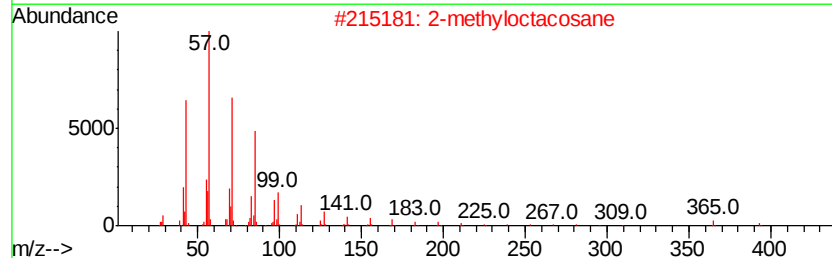
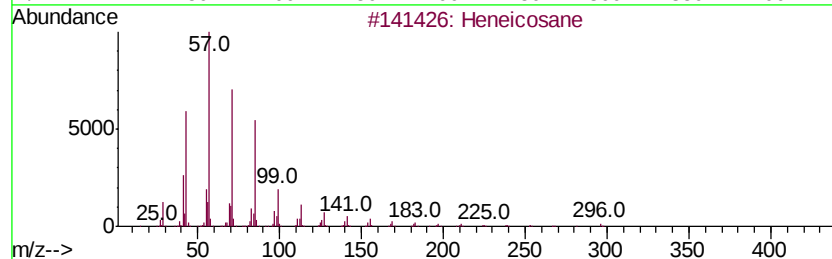
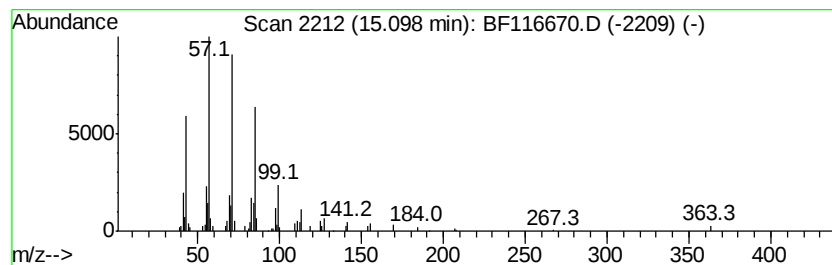
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.51 ng	158326	Perylene-d12	15.44

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	Triacontane		422	C30H62	000638-68-6	90
4	Tetracosane		338	C24H50	000646-31-1	87
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116670.D
Acq On : 31 Aug 2019 00:36
Operator : HP/JU
Sample : K4613-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10-D

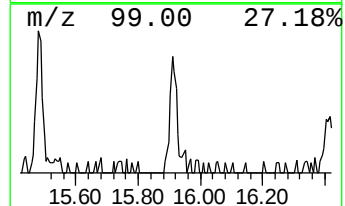
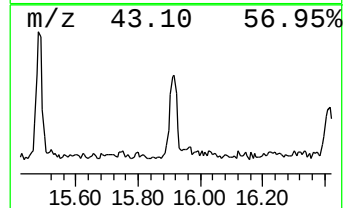
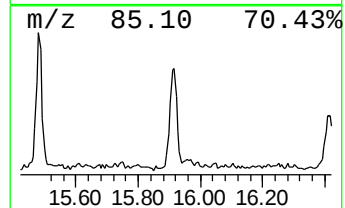
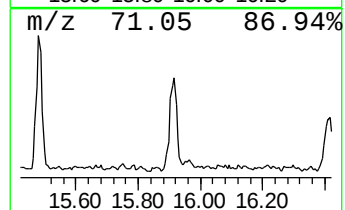
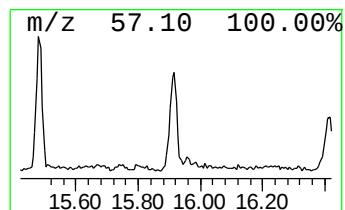
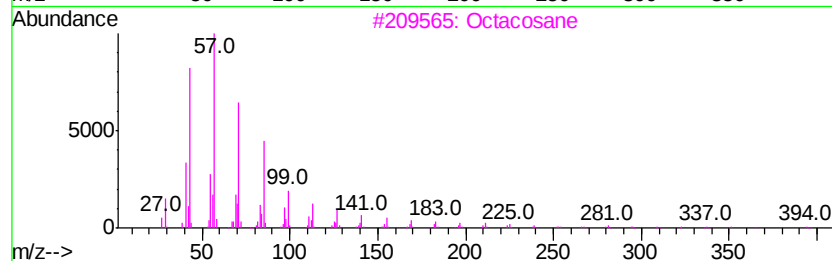
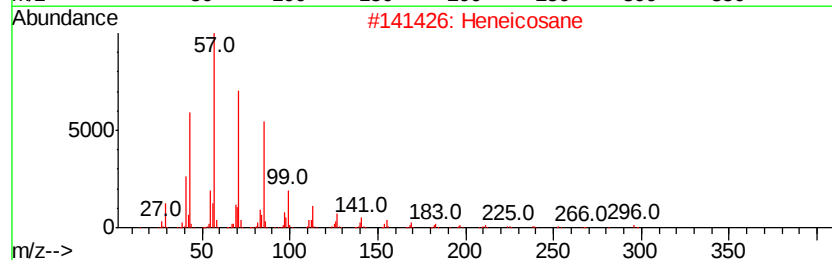
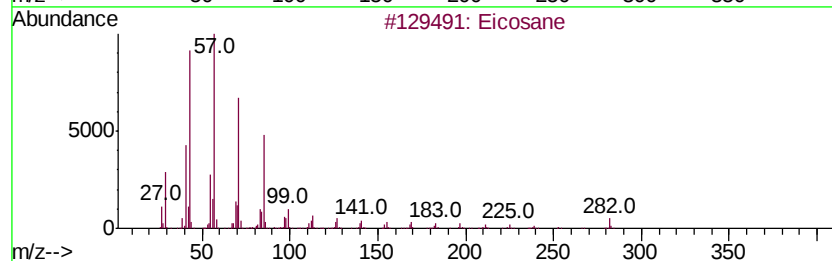
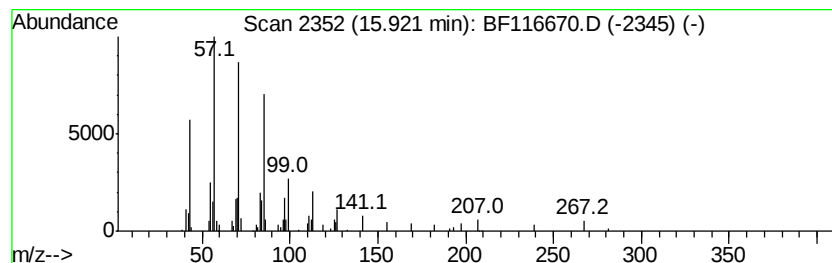
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.74 ng	131219	Perylene-d12	15.44

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		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116670.D
Acq On : 31 Aug 2019 00:36
Operator : HP/JU
Sample : K4613-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10-D

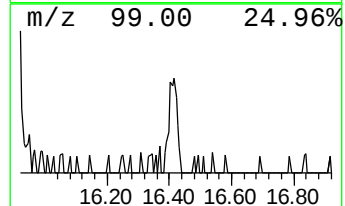
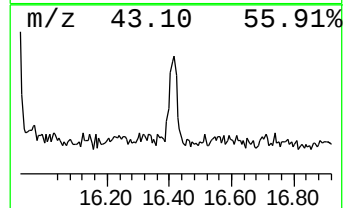
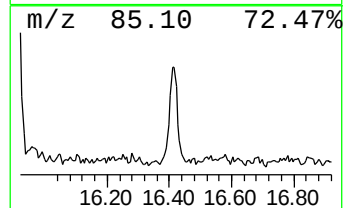
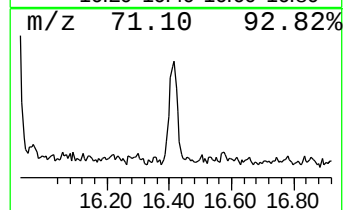
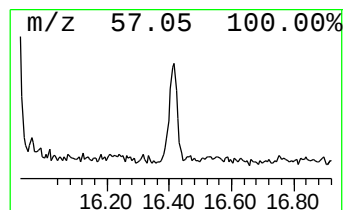
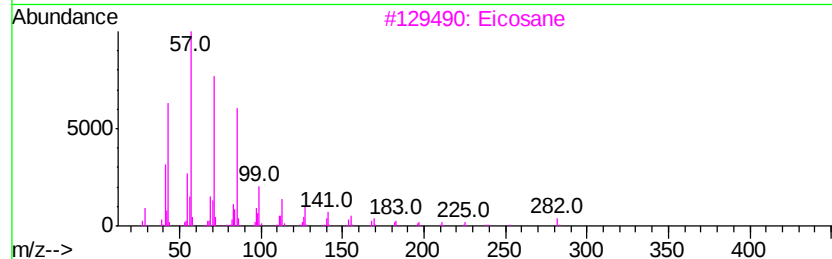
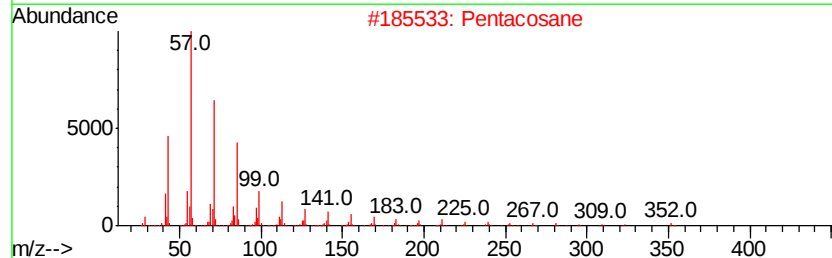
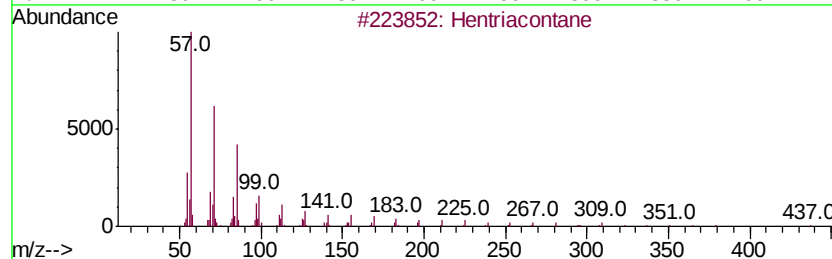
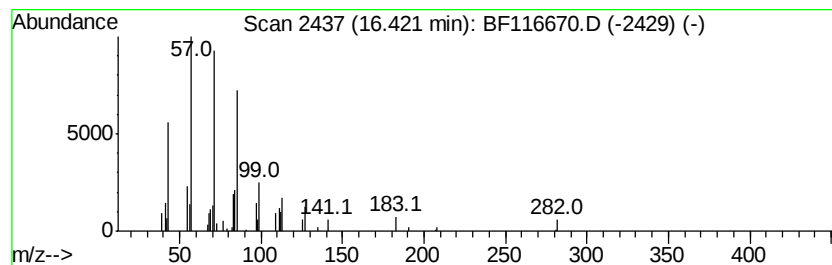
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.28 ng	80043	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083019\
 Data File : BF116670.D
 Acq On : 31 Aug 2019 00:36
 Operator : HP/JU
 Sample : K4613-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-D

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	4.3	ng	180998	4	11.36	842685	20.0
Dichloroacetic ac...	13.83	7.5	ng	286141	5	13.99	767505	20.0
Heneicosane	14.16	2.4	ng	93814	5	13.99	767505	20.0
2-methyloctacosane	14.47	3.3	ng	127938	5	13.99	767505	20.0
Triacontane	14.77	3.6	ng	127815	6	15.44	702402	20.0
Squalene	14.84	2.2	ng	76784	6	15.44	702402	20.0
Tetracosane	15.10	4.5	ng	158326	6	15.44	702402	20.0
Eicosane	15.92	3.7	ng	131219	6	15.44	702402	20.0
Hentriacontane	16.42	2.3	ng	80043	6	15.44	702402	20.0