

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042720\
 Data File : BF120229.D
 Acq On : 27 Apr 2020 19:53
 Operator : MA/SJ
 Sample : L2405-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE

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-BF040820.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	5.275	539	542	552	rBV	855745	823949	16.66%	2.884%
2	6.316	715	719	728	rBV	539079	551736	11.15%	1.931%
3	6.663	774	778	781	rBV	788450	731177	14.78%	2.560%
4	6.816	800	804	808	rBV	3103891	2960726	59.85%	10.364%
5	7.234	869	875	878	rBV	2396087	2632808	53.22%	9.216%
6	7.945	992	996	1000	rBV	1138568	945562	19.11%	3.310%
7	9.028	1174	1180	1183	rBV	4997357	4613825	93.27%	16.151%
8	9.422	1243	1247	1251	rVB	485766	370432	7.49%	1.297%
9	9.698	1288	1294	1298	rBV	1279911	1091376	22.06%	3.821%
10	10.492	1424	1429	1432	rBV	1684918	1646573	33.29%	5.764%
11	11.180	1542	1546	1550	rBV	1179087	1126336	22.77%	3.943%
12	11.727	1635	1639	1652	rBV	951995	942146	19.05%	3.298%
13	12.510	1769	1772	1785	rBV	512157	514474	10.40%	1.801%
14	12.780	1812	1818	1821	rBV	4993824	4946871	100.00%	17.317%
15	13.674	1966	1970	1981	rBV	764976	860977	17.40%	3.014%
16	13.821	1991	1995	1999	rBV	1082378	931898	18.84%	3.262%
17	13.998	2021	2025	2029	rBV	127880	122607	2.48%	0.429%
18	14.304	2073	2077	2082	rBV	226762	242013	4.89%	0.847%
19	14.598	2123	2127	2131	rBV	325623	294326	5.95%	1.030%
20	14.910	2176	2180	2184	rBV	343110	359606	7.27%	1.259%
21	15.227	2229	2234	2237	rBV	671247	787866	15.93%	2.758%
22	15.257	2237	2239	2247	rVB	291611	350653	7.09%	1.228%
23	15.657	2302	2307	2312	rBV	216511	306249	6.19%	1.072%
24	15.710	2312	2316	2323	rVB2	71762	125217	2.53%	0.438%
25	16.121	2380	2386	2397	rVB2	102844	209488	4.23%	0.733%
26	16.657	2473	2477	2483	rVB5	38947	77420	1.57%	0.271%

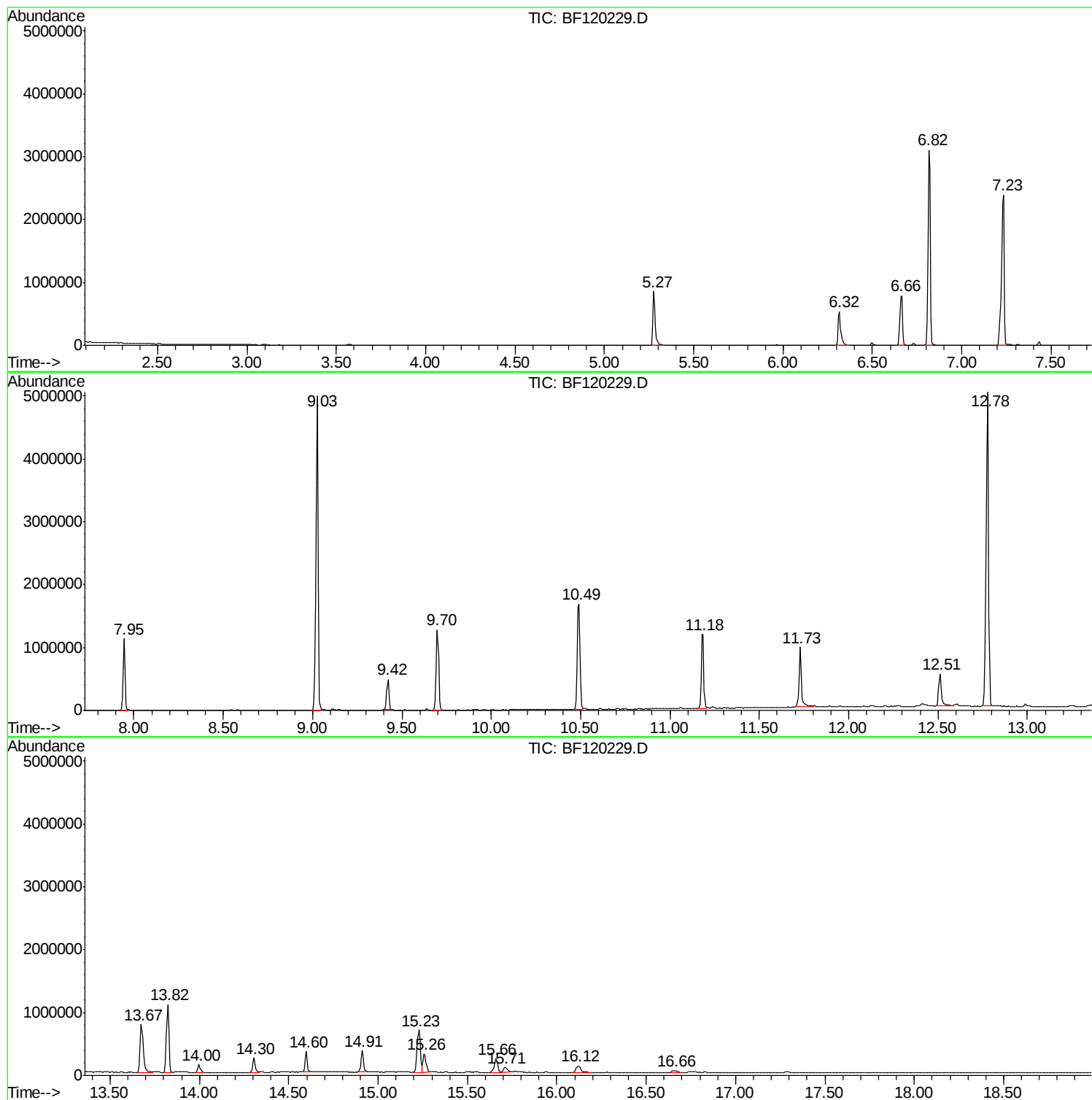
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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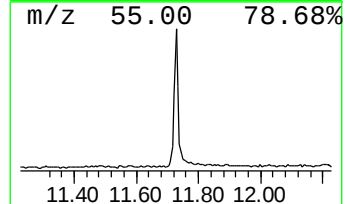
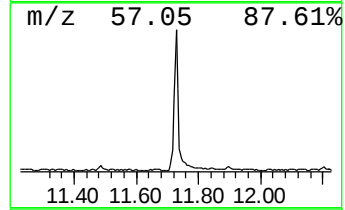
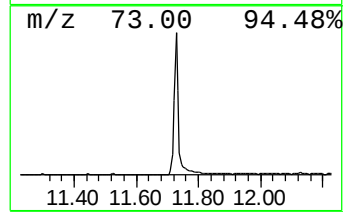
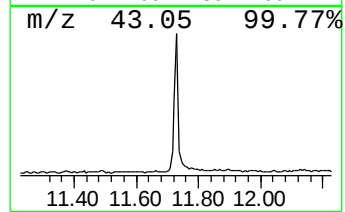
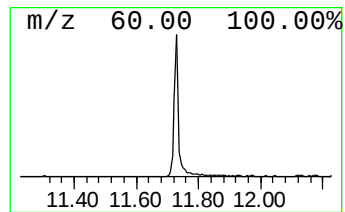
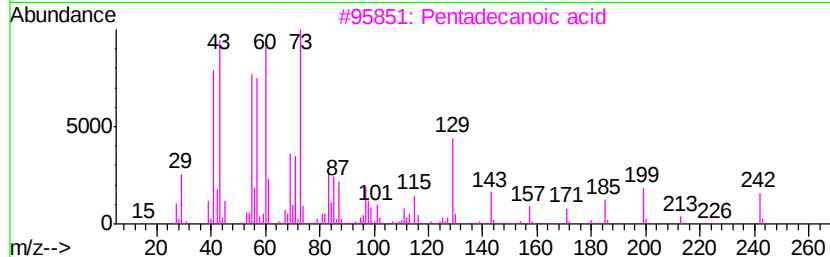
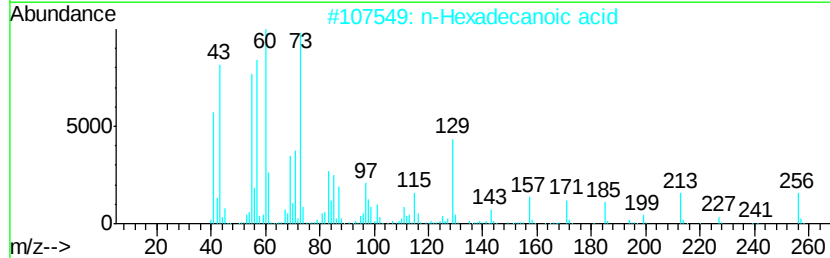
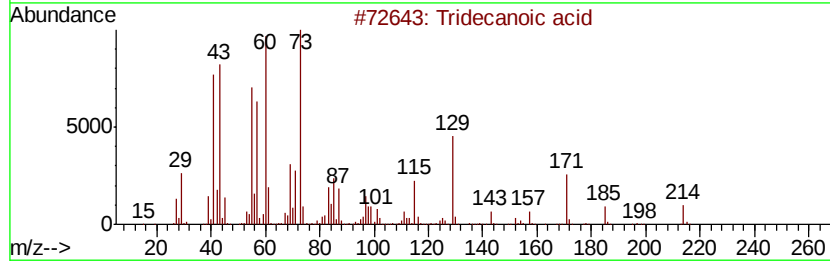
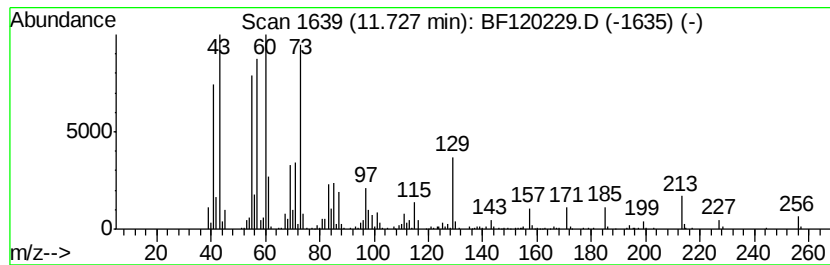
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	16.73 ng	942146	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



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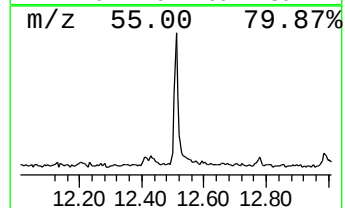
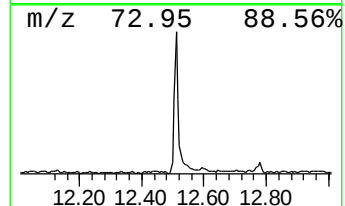
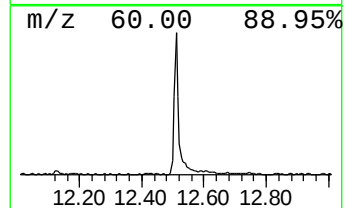
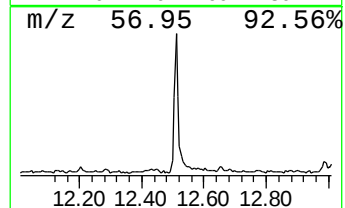
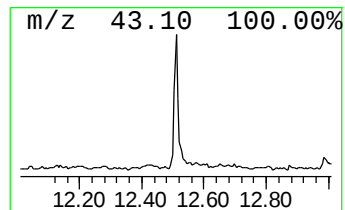
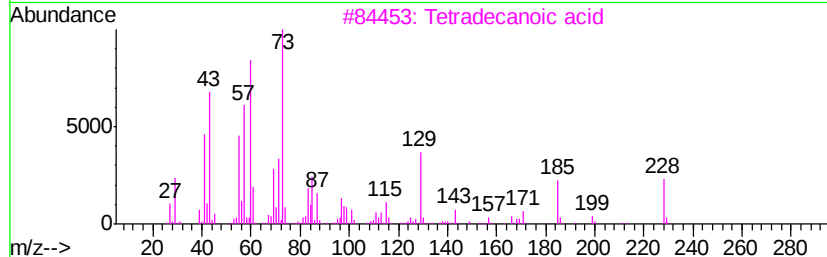
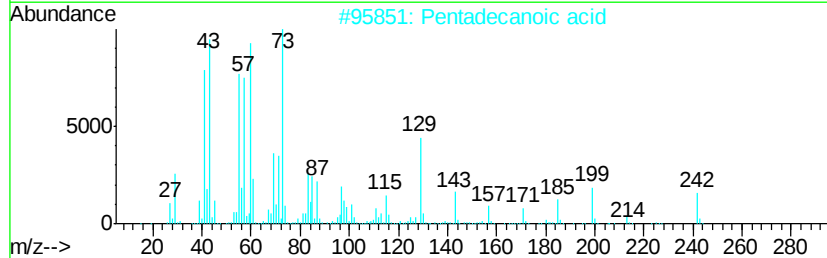
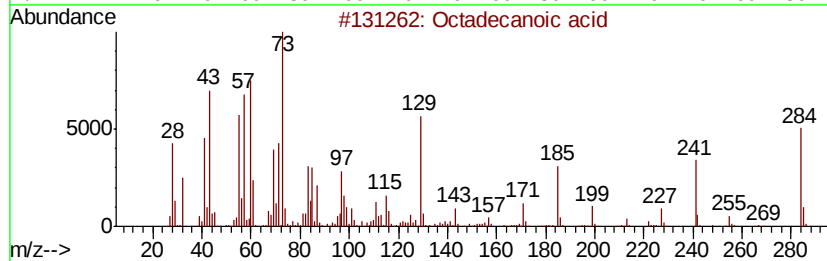
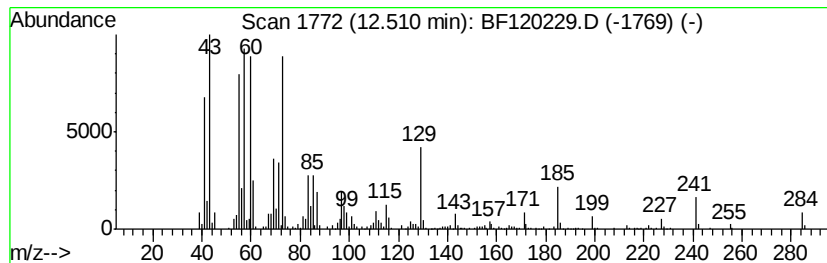
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	11.04 ng	514474	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Decanoic acid	172	C10H20O2	000334-48-5	78
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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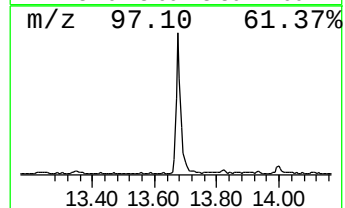
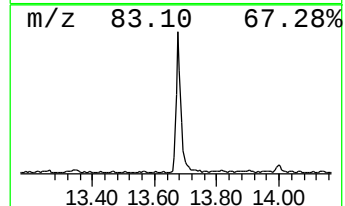
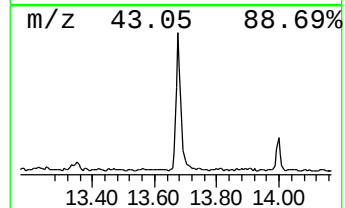
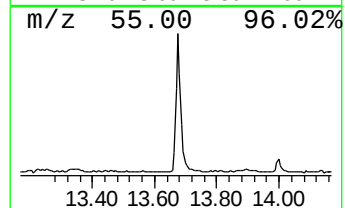
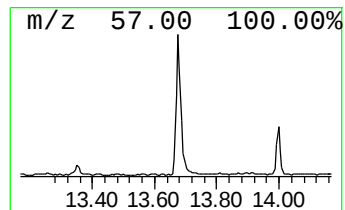
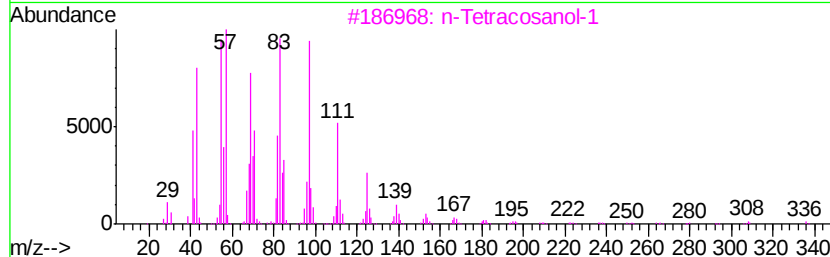
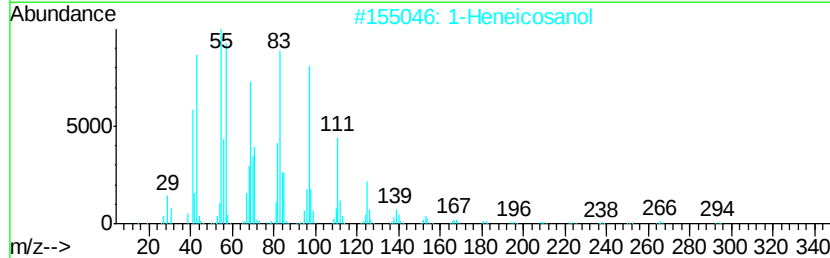
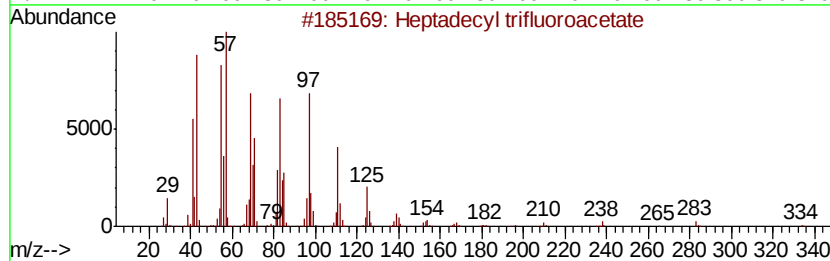
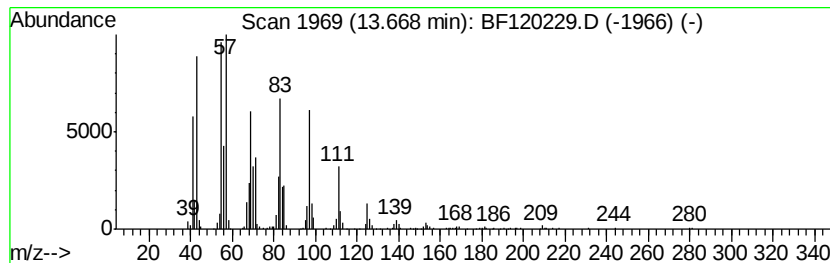
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	18.48 ng	860977	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



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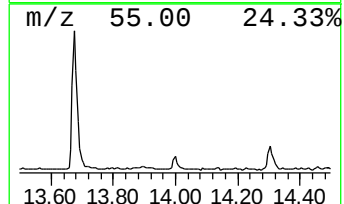
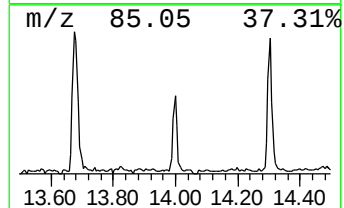
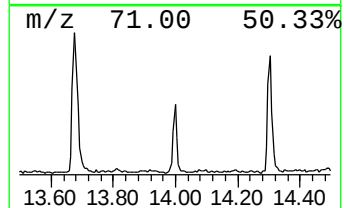
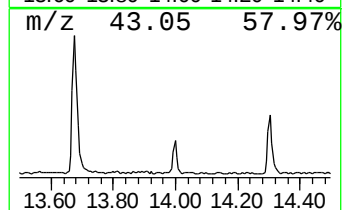
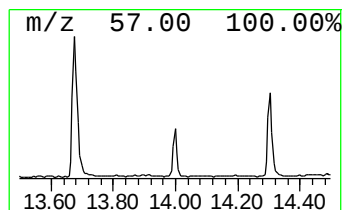
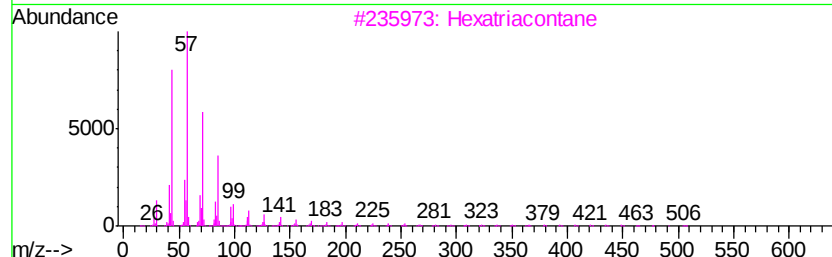
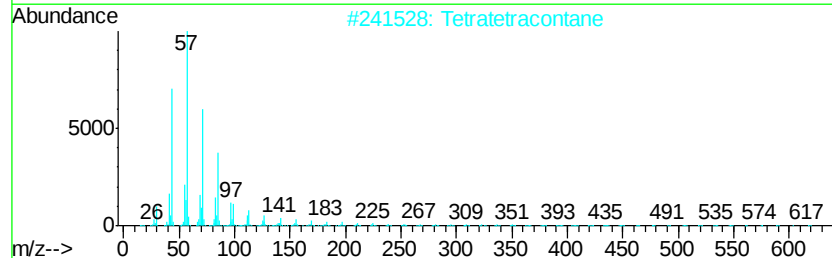
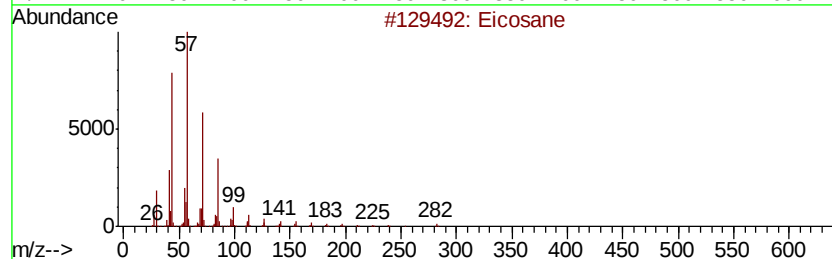
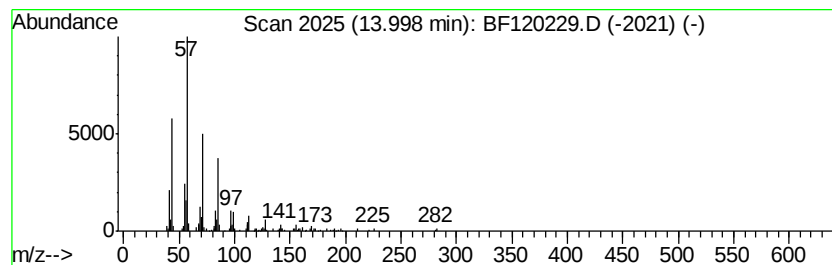
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Peak Number 5 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.63 ng	122607	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Tetratetracontane		619	C44H90	007098-22-8	91
3	Hexatriacontane		507	C36H74	000630-06-8	91
4	Hentriacontane		437	C31H64	000630-04-6	90
5	Octacosane		394	C28H58	000630-02-4	90



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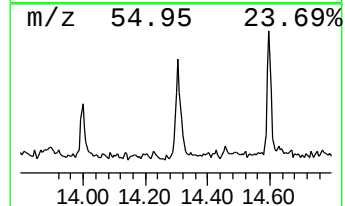
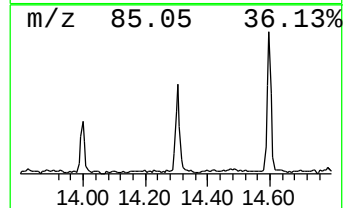
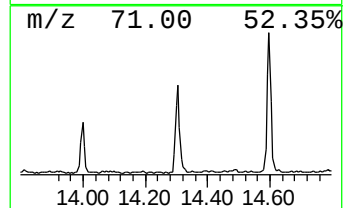
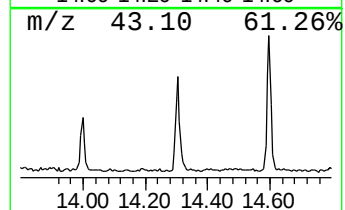
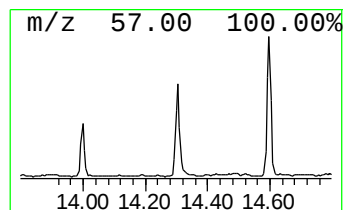
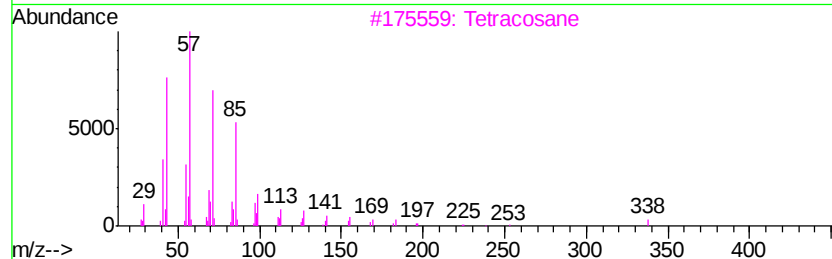
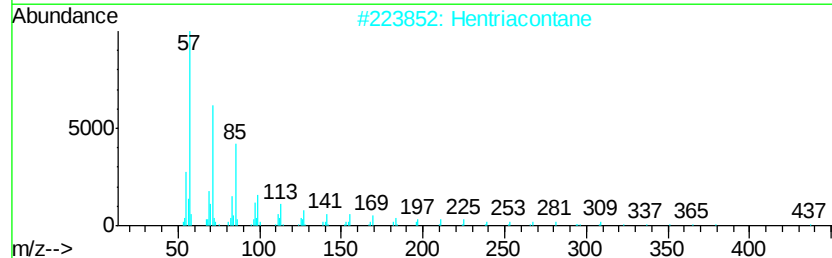
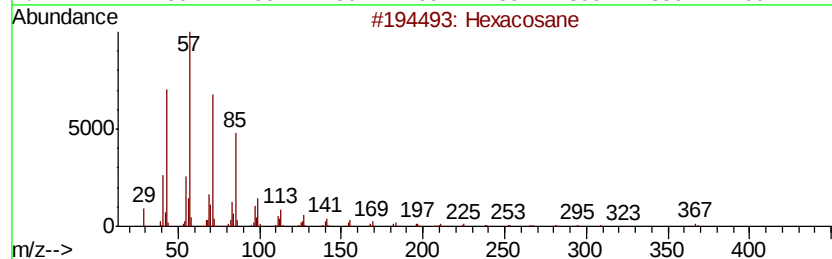
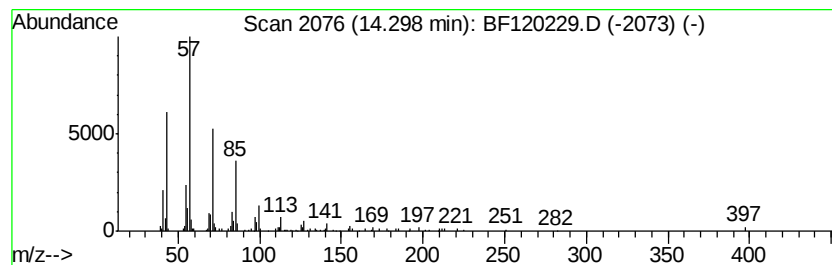
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Peak Number 6 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.30	5.19 ng	242013	Chrysene-d12		13.82	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Tetracosane		338	C24H50	000646-31-1	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Octacosane		394	C28H58	000630-02-4	90



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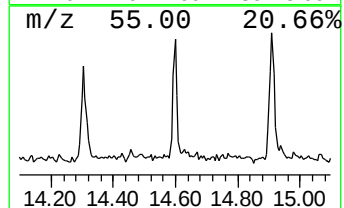
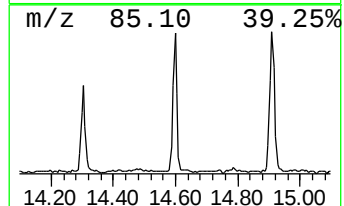
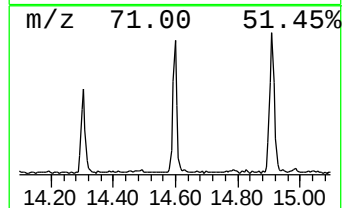
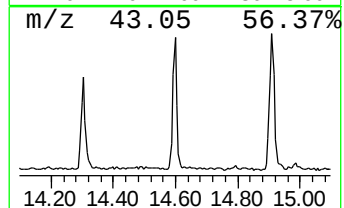
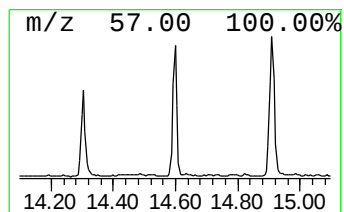
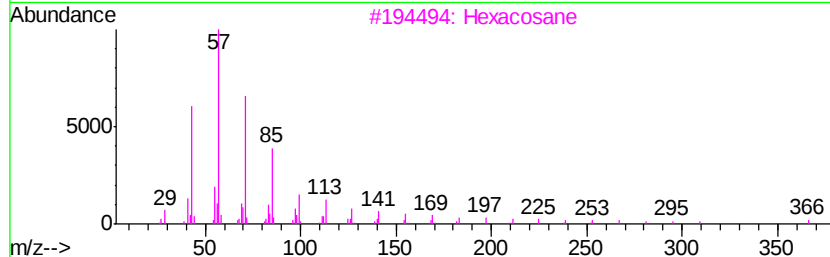
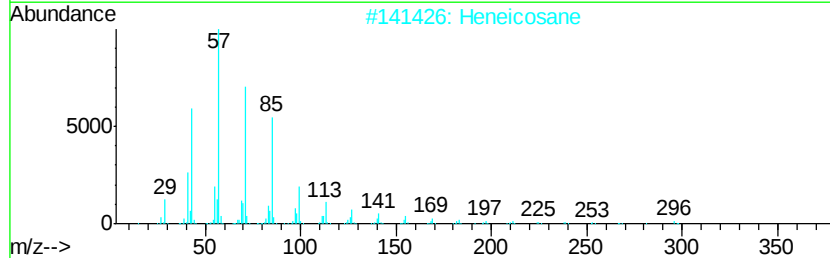
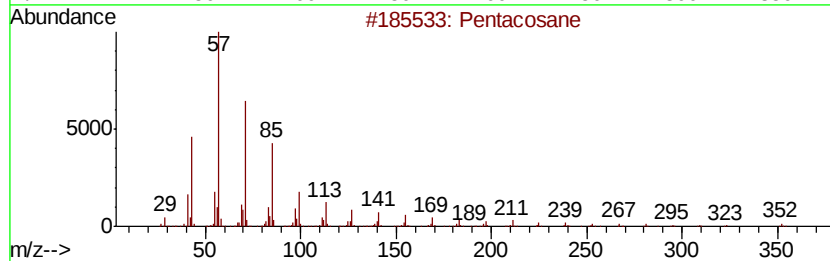
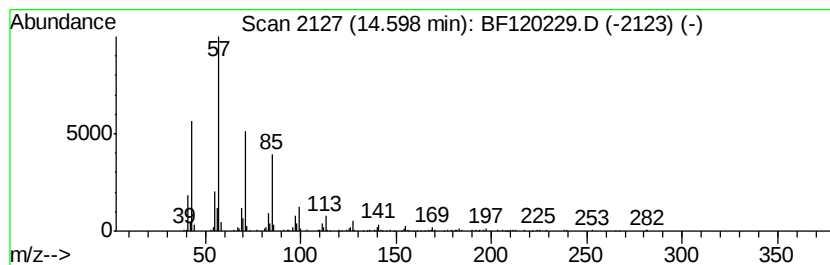
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	7.47 ng	294326	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Octadecane		254	C18H38	000593-45-3	87
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120229.D
Acq On : 27 Apr 2020 19:53
Operator : MA/SJ
Sample : L2405-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE

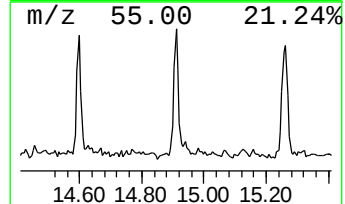
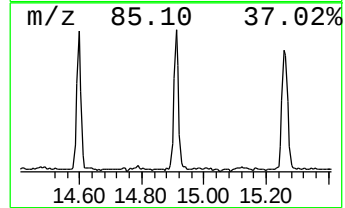
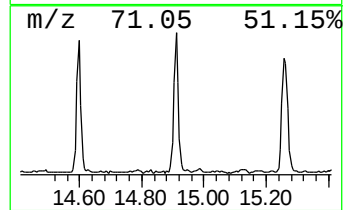
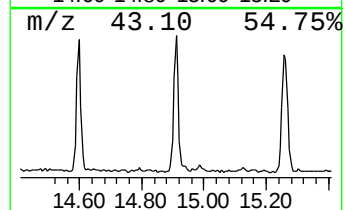
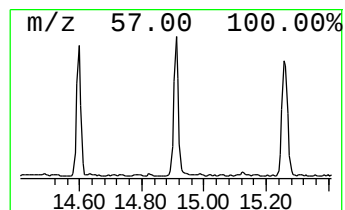
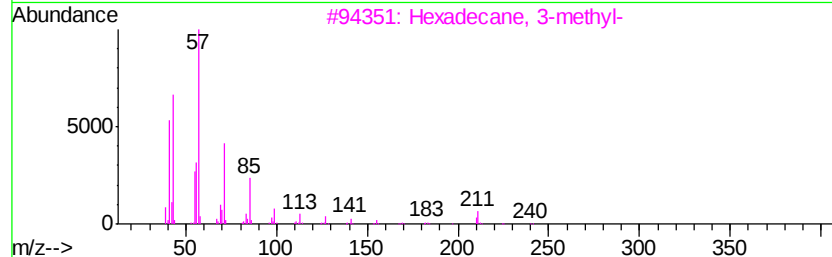
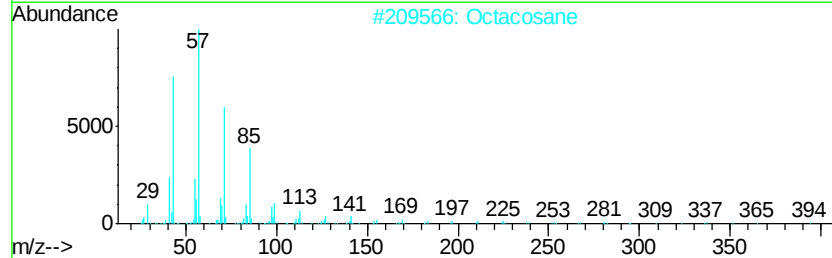
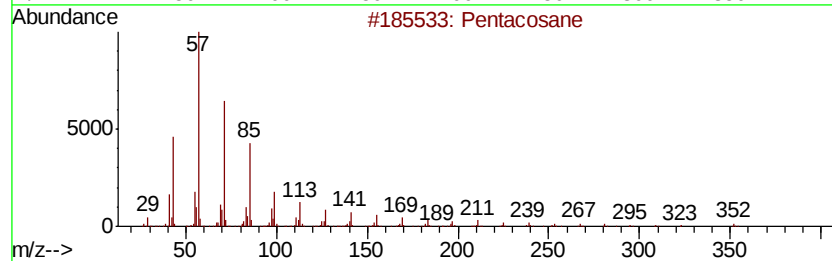
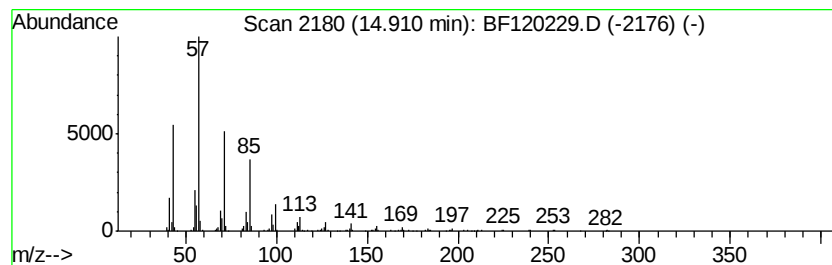
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	9.13 ng	359606	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Hexadecane, 3-methyl-		240	C17H36	006418-43-5	91
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120229.D
Acq On : 27 Apr 2020 19:53
Operator : MA/SJ
Sample : L2405-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

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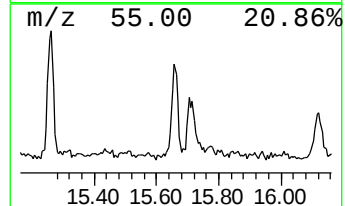
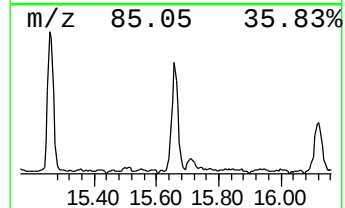
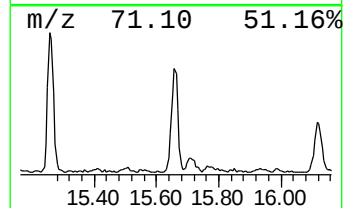
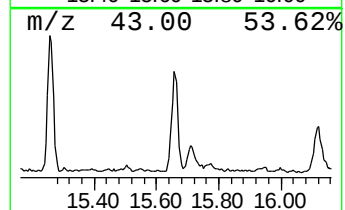
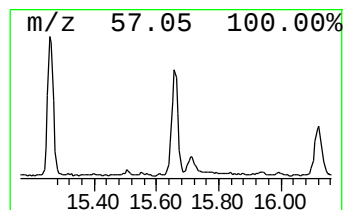
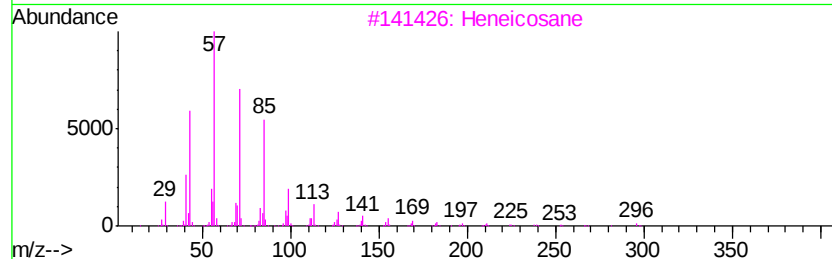
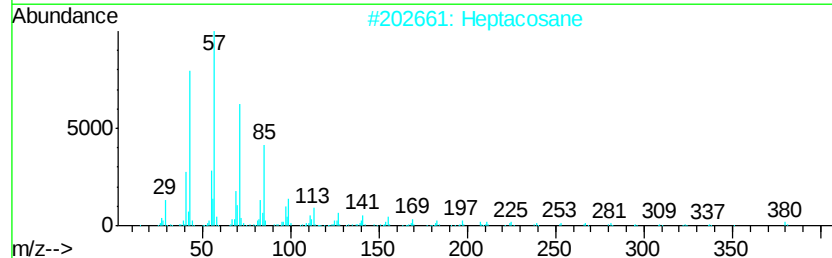
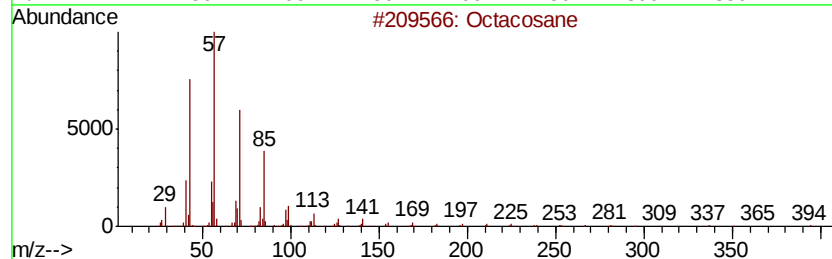
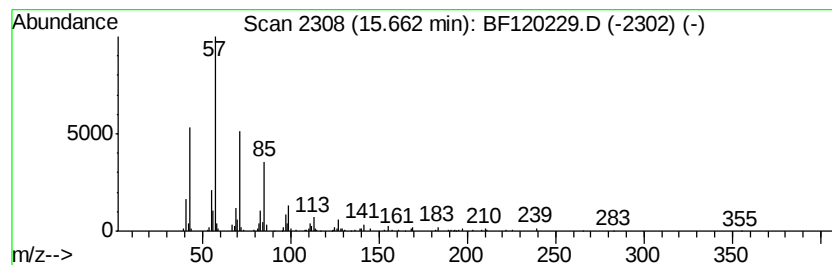
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	7.77 ng	306249	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120229.D
Acq On : 27 Apr 2020 19:53
Operator : MA/SJ
Sample : L2405-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

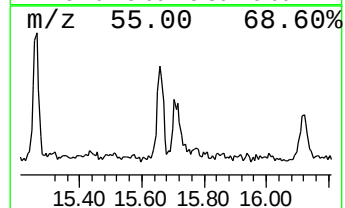
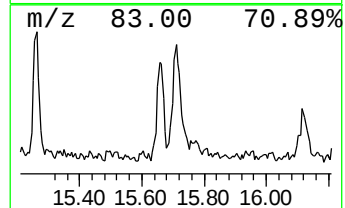
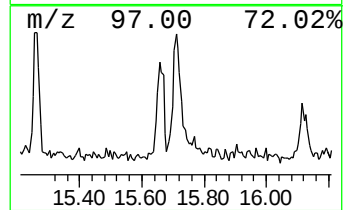
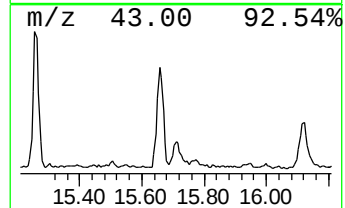
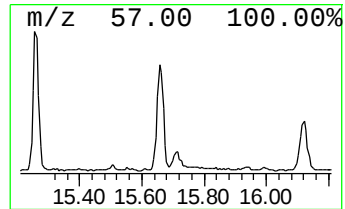
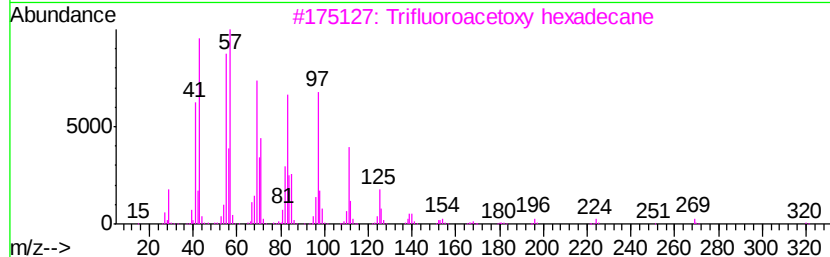
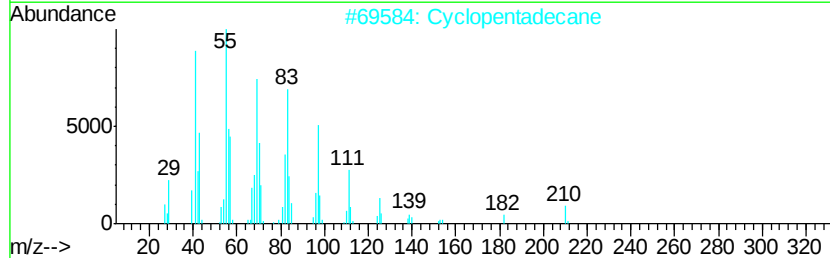
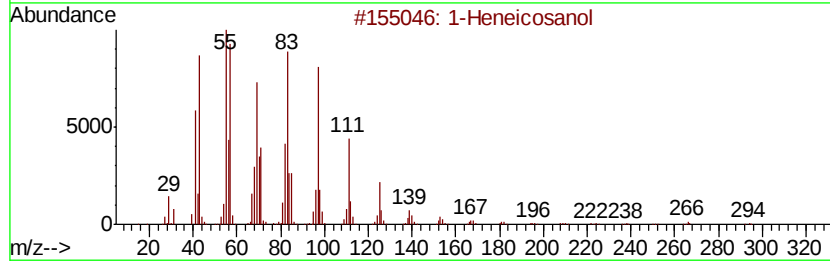
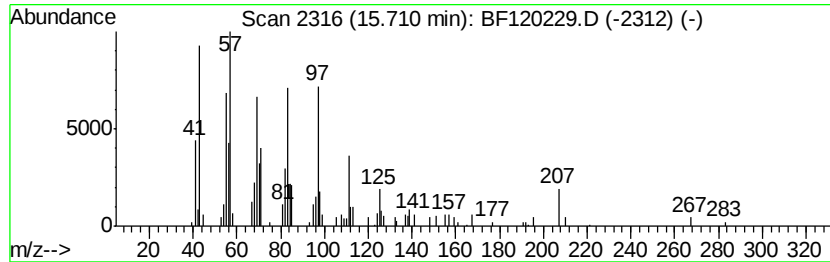
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.71	3.18 ng	125217	Perylene-d12		15.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Cycloeicosane	280	C20H40	000296-56-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120229.D
Acq On : 27 Apr 2020 19:53
Operator : MA/SJ
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Misc :
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Instrument :
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ClientSampleId :
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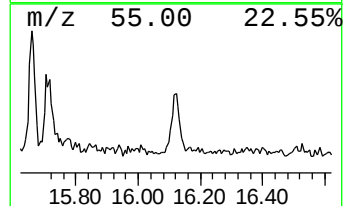
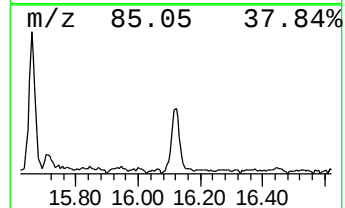
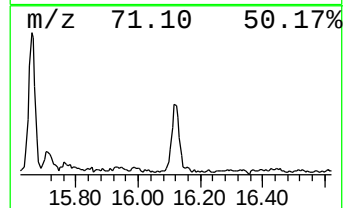
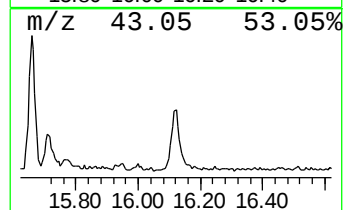
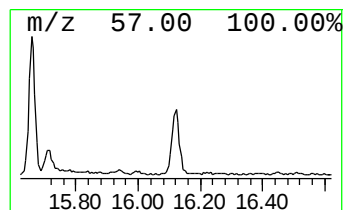
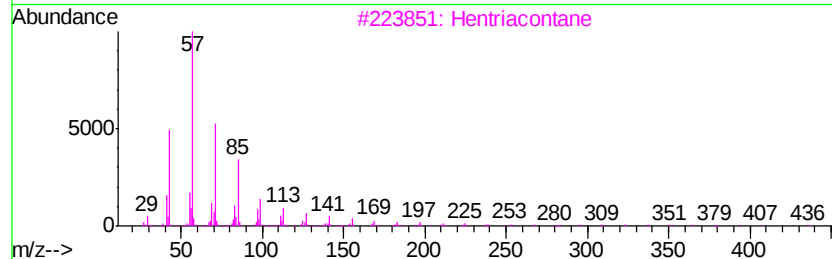
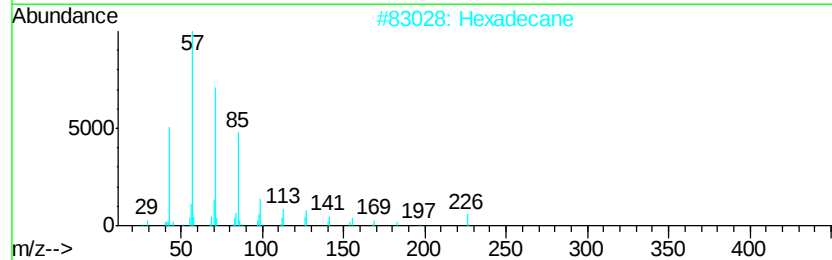
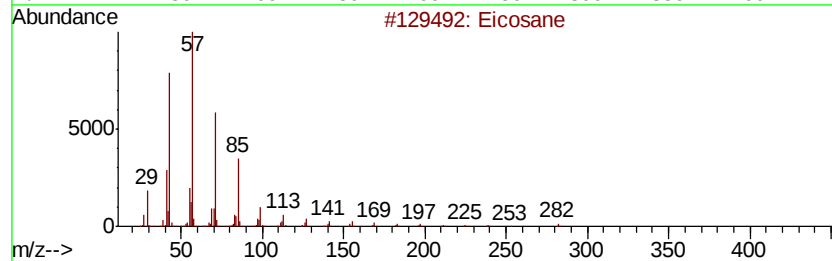
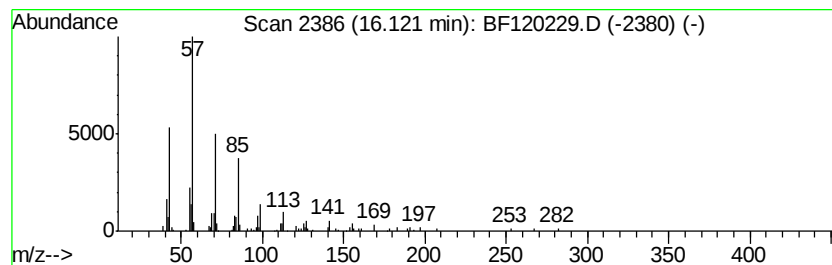
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.32 ng	209488	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Hexadecane			226	C16H34	000544-76-3	91
3	Hentriacontane			437	C31H64	000630-04-6	91
4	Hexacosane			366	C26H54	000630-01-3	91
5	Pentacosane			352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042720\
Data File : BF120229.D
Acq On : 27 Apr 2020 19:53
Operator : MA/SJ
Sample : L2405-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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Octadecanoic acid	12.51	11.0	ng	514474	5	13.82	931898	20.0
Heptadecyl triflu...	13.67	18.5	ng	860977	5	13.82	931898	20.0
Eicosane	14.00	2.6	ng	122607	5	13.82	931898	20.0
Hexacosane	14.30	5.2	ng	242013	5	13.82	931898	20.0
Pentacosane	14.60	7.5	ng	294326	6	15.23	787866	20.0
Octacosane	14.91	9.1	ng	359606	6	15.23	787866	20.0
Heptacosane	15.66	7.8	ng	306249	6	15.23	787866	20.0
1-Heneicosanol	15.71	3.2	ng	125217	6	15.23	787866	20.0
Hexadecane	16.12	5.3	ng	209488	6	15.23	787866	20.0