

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119587.D
 Acq On : 28 Mar 2020 00:32
 Operator : CG/JU
 Sample : L2048-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-(DISCHARGE)

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-BF031820.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	3.892	302	307	313	rVB	112429	141189	1.32%	0.218%
2	5.439	565	570	573	rBV	3399756	3102027	29.09%	4.801%
3	6.445	737	741	760	rVB	2351064	1970977	18.48%	3.050%
4	6.828	803	806	810	rBV	1995001	1766596	16.56%	2.734%
5	6.992	829	834	837	rVB	7205882	7148410	67.03%	11.063%
6	7.398	896	903	906	rBV	5585273	6178153	57.93%	9.561%
7	8.116	1020	1025	1028	rBV	2745860	2301338	21.58%	3.561%
8	9.198	1203	1209	1212	rBV	10646785	10621137	99.59%	16.437%
9	9.586	1268	1275	1279	rBV	825518	669489	6.28%	1.036%
10	9.874	1320	1324	1327	rVB	3275608	2688423	25.21%	4.160%
11	10.663	1453	1458	1462	rBV	5633374	5379096	50.44%	8.324%
12	11.363	1573	1577	1580	rBV	3485373	2911859	27.30%	4.506%
13	11.892	1663	1667	1680	rBV	958465	1046849	9.82%	1.620%
14	12.680	1797	1801	1813	rBV	503111	602335	5.65%	0.932%
15	12.957	1842	1848	1851	rBV	10044783	10665016	100.00%	16.505%
16	13.874	1998	2004	2021	rBV3	290256	766505	7.19%	1.186%
17	14.004	2021	2026	2029	rBV	2757095	2460732	23.07%	3.808%
18	14.174	2052	2055	2059	rVB	195121	157304	1.47%	0.243%
19	14.480	2103	2107	2111	rBV	328408	279841	2.62%	0.433%
20	14.786	2155	2159	2163	rBV	377129	364070	3.41%	0.563%
21	15.127	2213	2217	2225	rVB	367742	410391	3.85%	0.635%
22	15.462	2269	2274	2279	rBV	1594331	2079682	19.50%	3.218%
23	15.509	2279	2282	2291	rVB	324054	418645	3.93%	0.648%
24	15.945	2351	2356	2364	rBV	204592	319060	2.99%	0.494%
25	16.456	2437	2443	2450	rBV	100233	169172	1.59%	0.262%

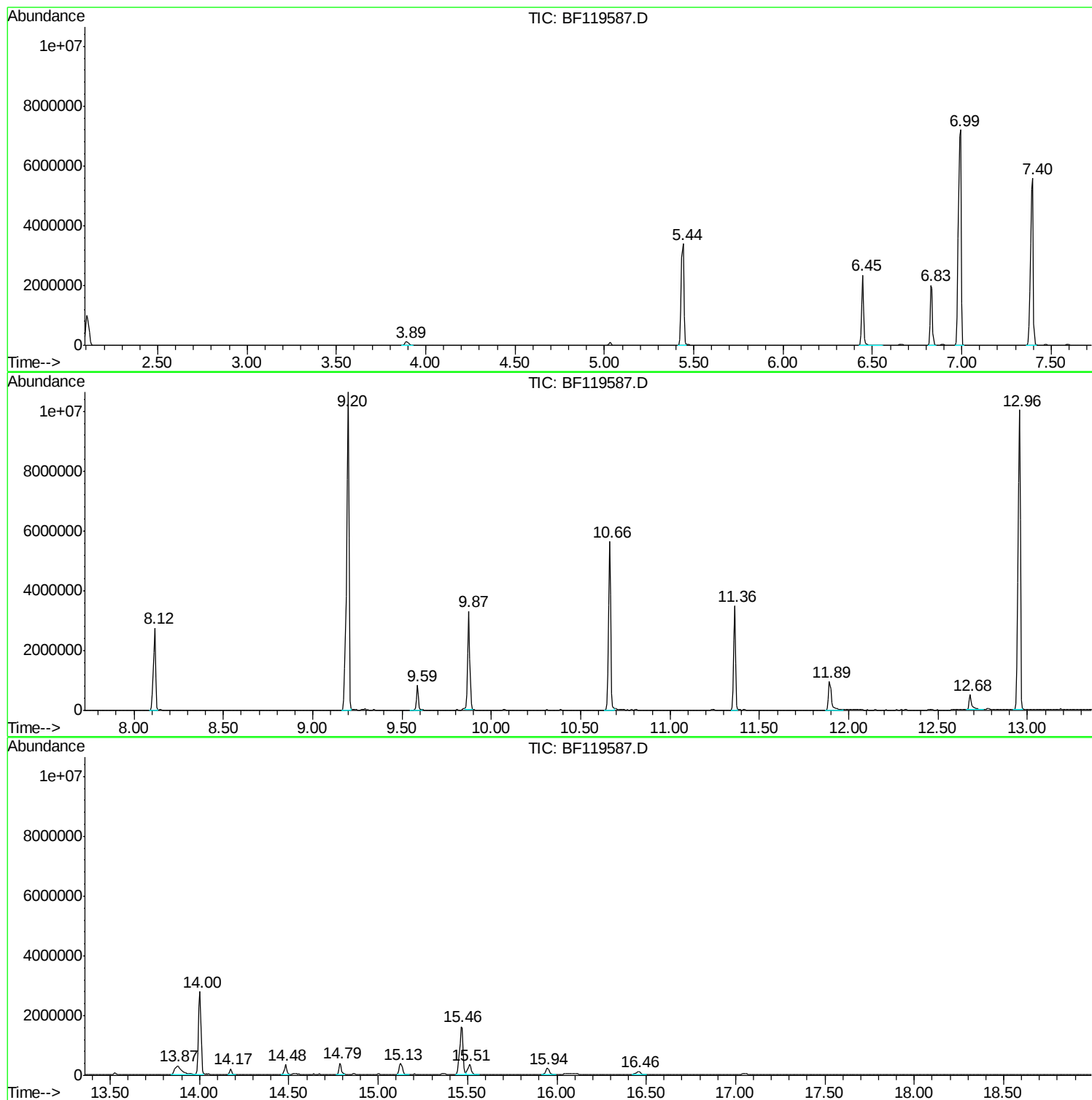
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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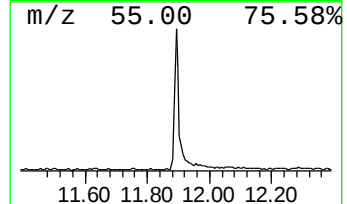
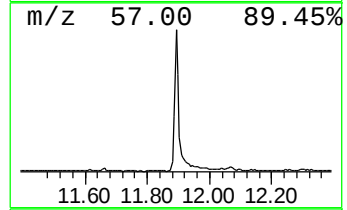
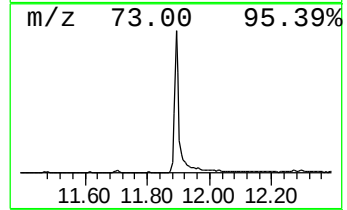
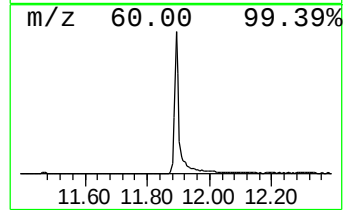
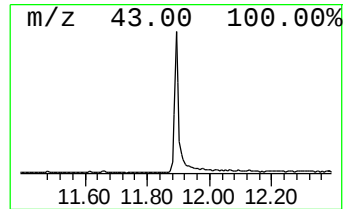
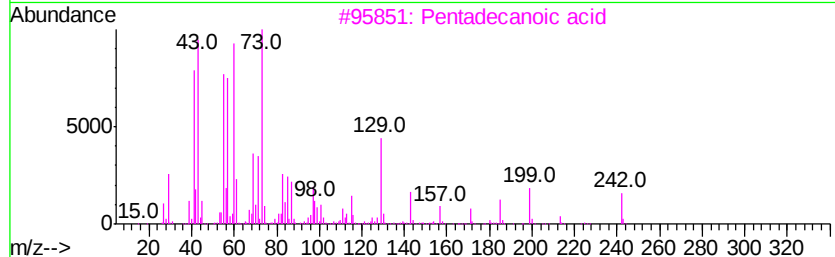
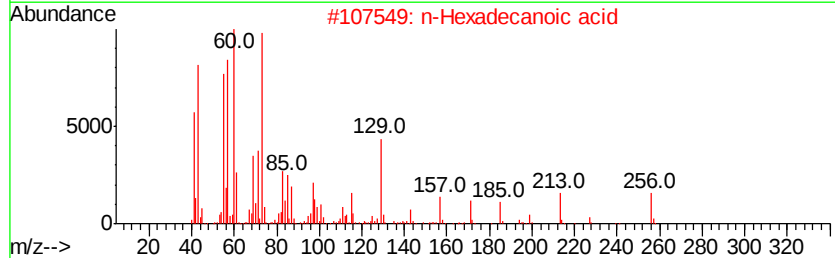
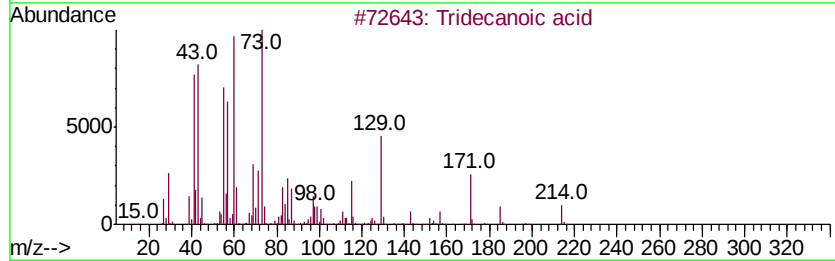
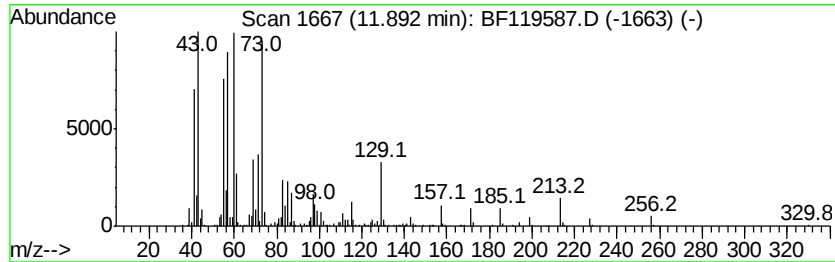
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.19 ng	1046850	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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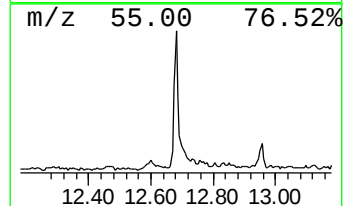
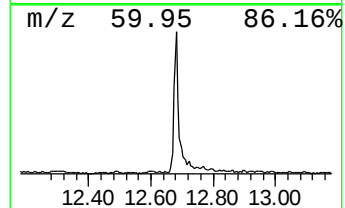
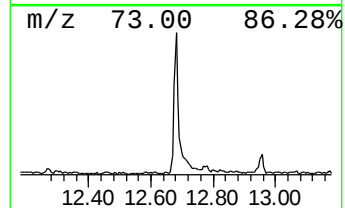
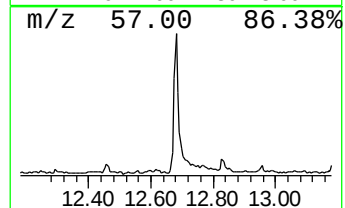
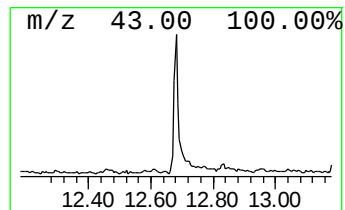
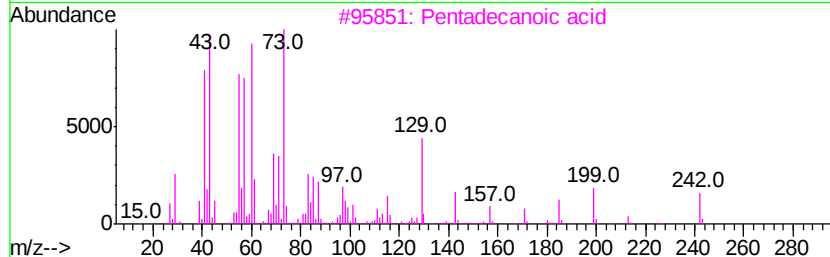
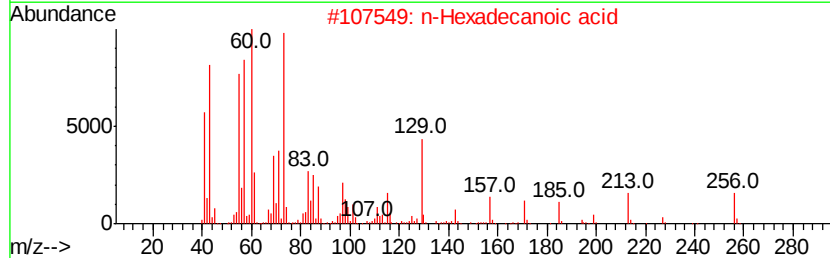
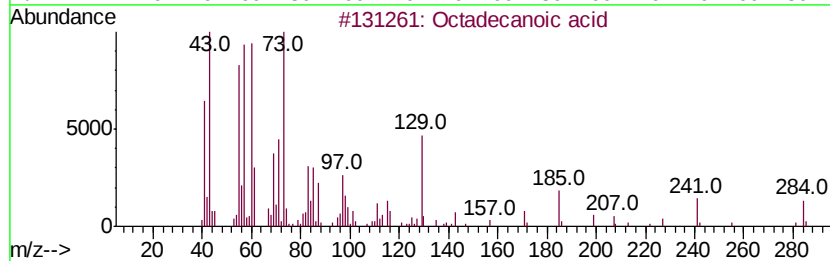
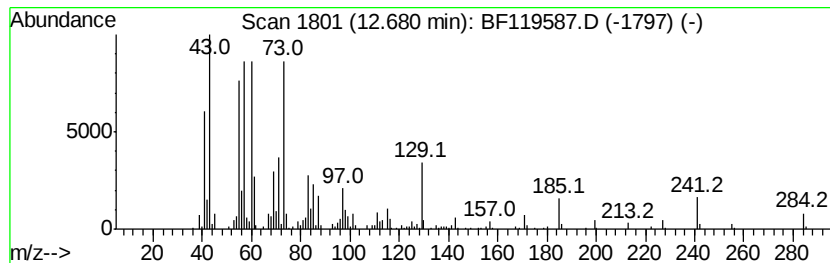
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.14 ng	602335	Phenanthrene-d10	11.36

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	76



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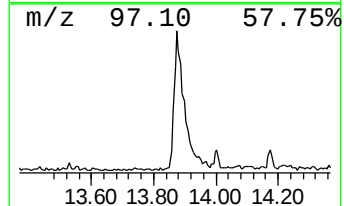
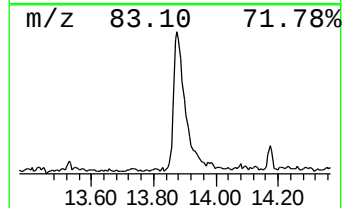
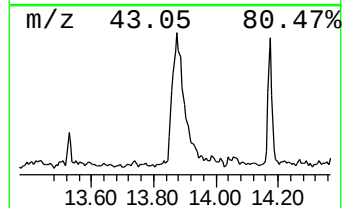
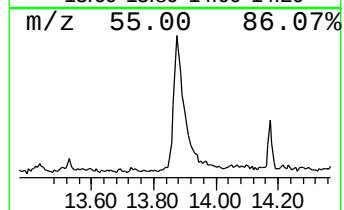
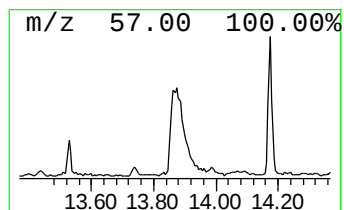
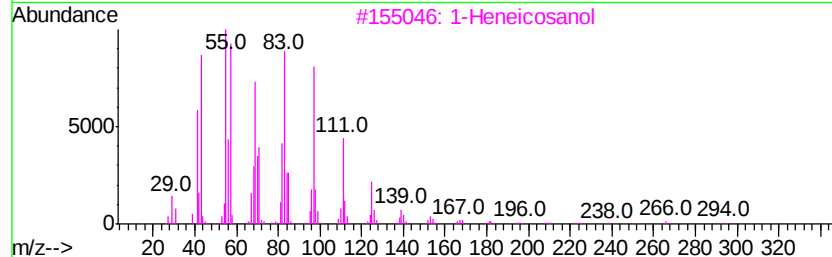
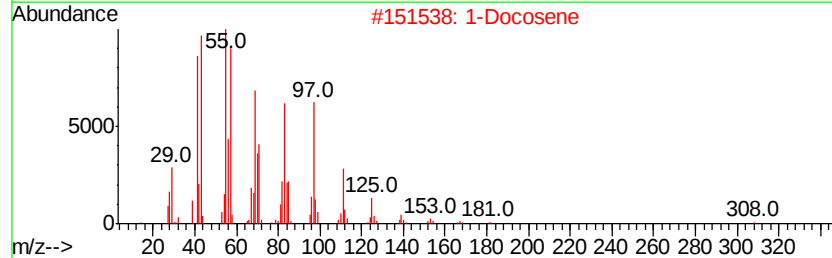
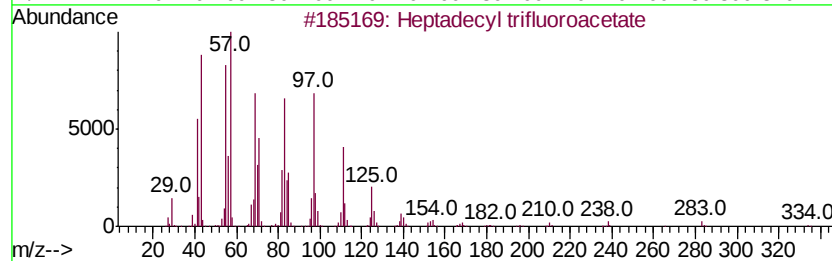
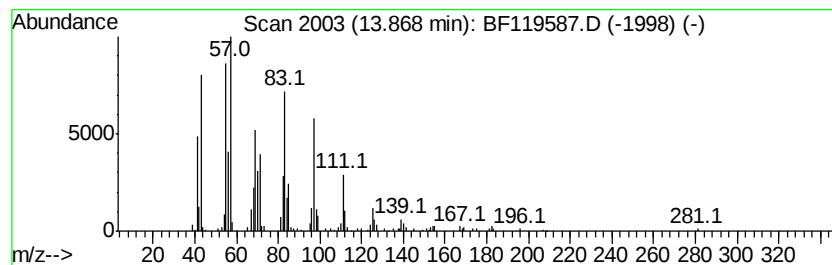
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.23 ng	766505	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



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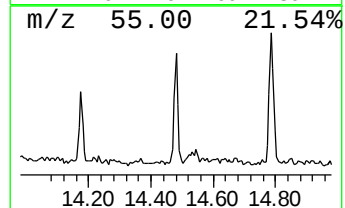
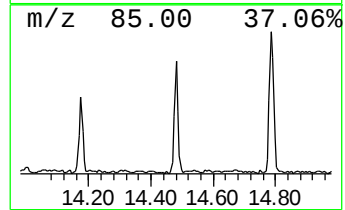
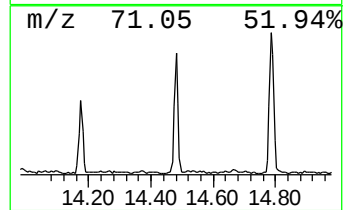
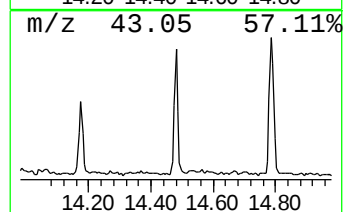
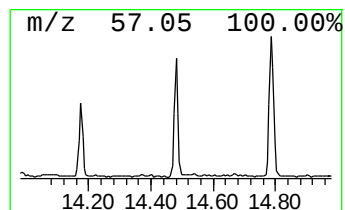
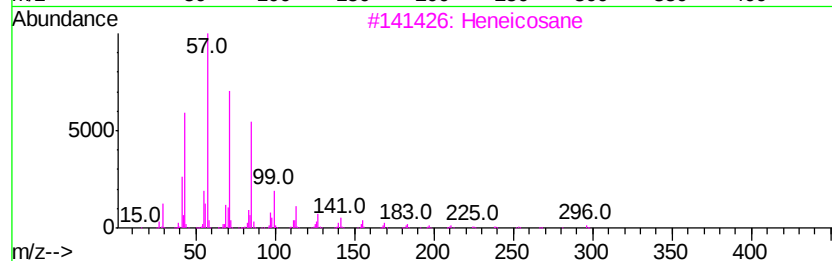
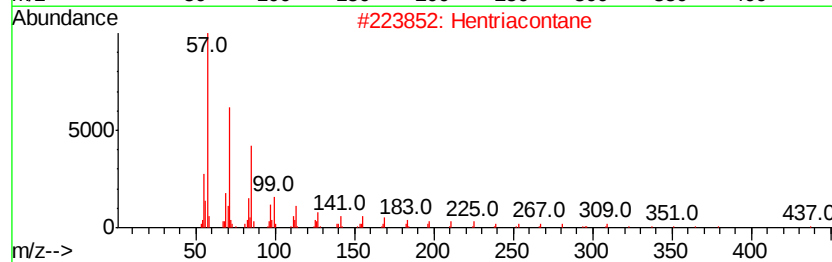
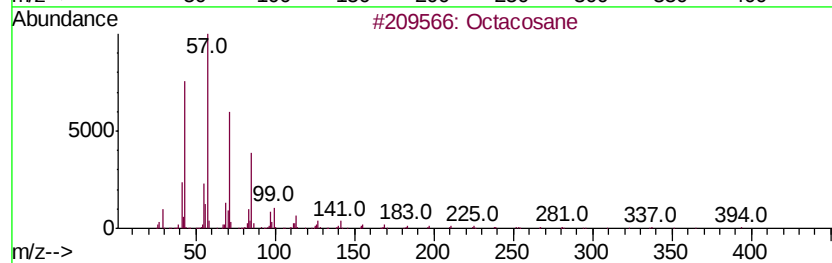
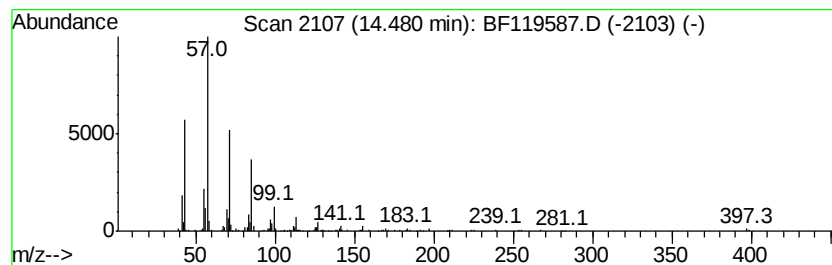
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.27 ng	279841	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Pentacosane		352	C25H52	000629-99-2	90



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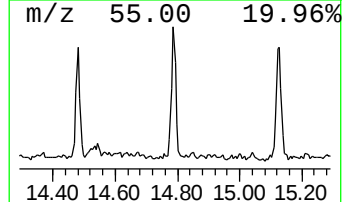
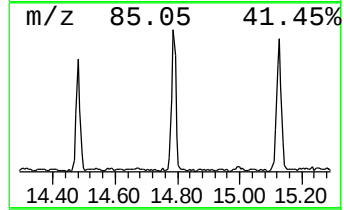
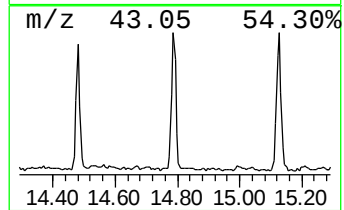
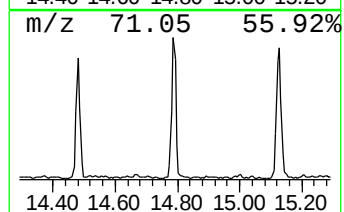
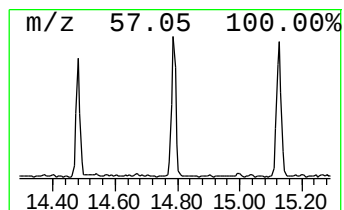
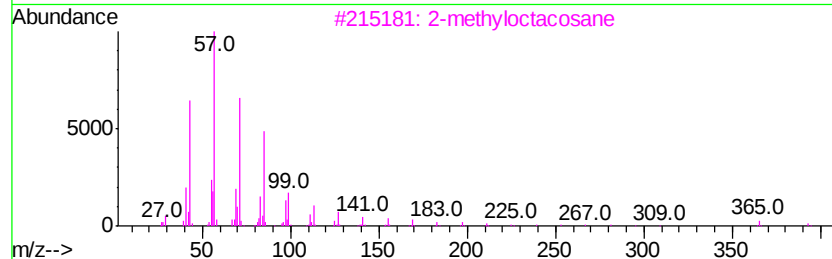
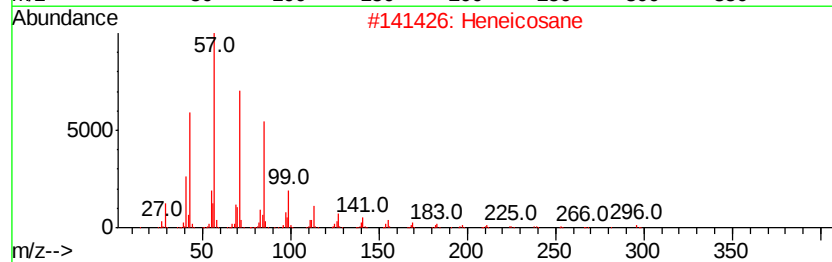
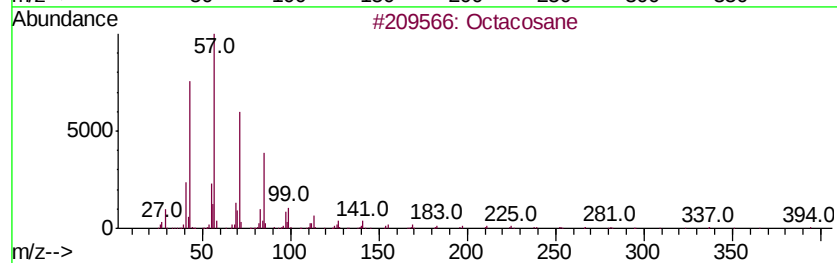
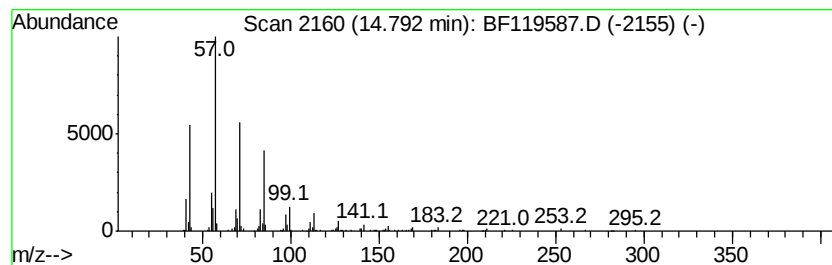
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.50 ng	364070	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Tetratetracontane	619	C44H90	007098-22-8	81
5		Octadecane	254	C18H38	000593-45-3	80



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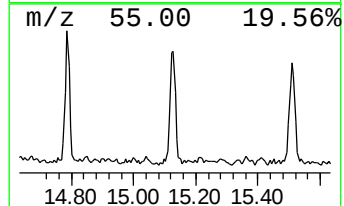
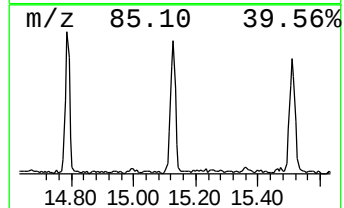
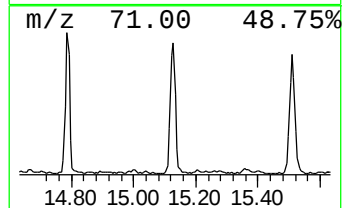
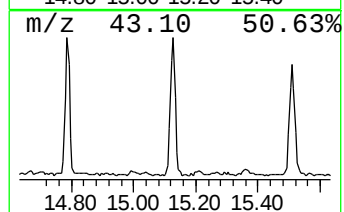
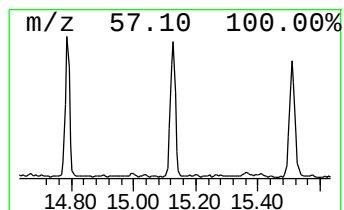
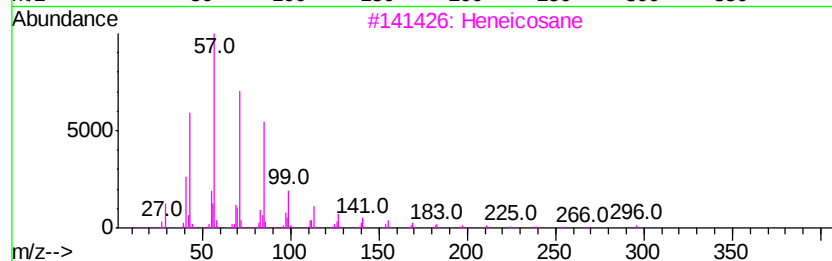
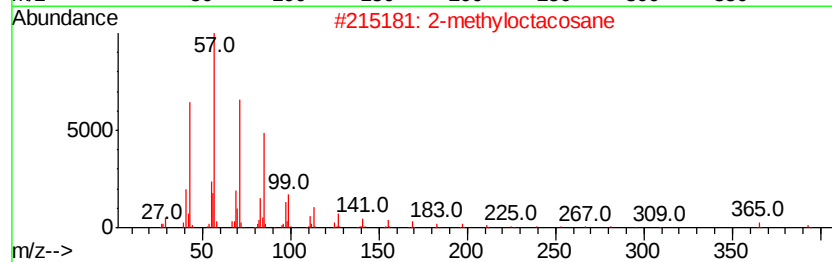
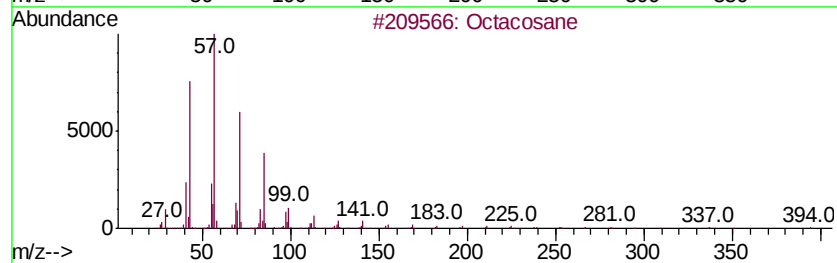
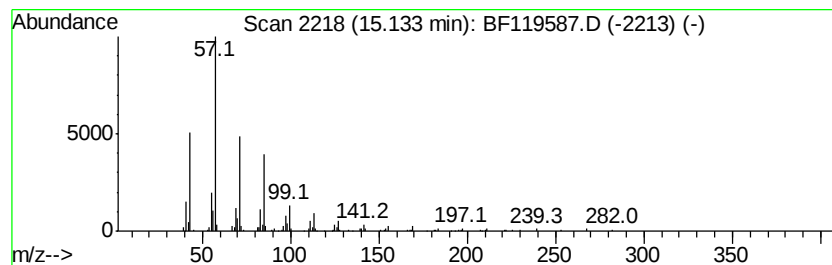
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.95 ng	410391	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119587.D
Acq On : 28 Mar 2020 00:32
Operator : CG/JU
Sample : L2048-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-1-(DISCHARGE)

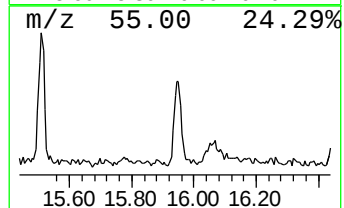
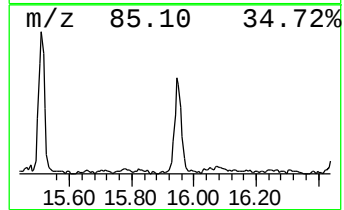
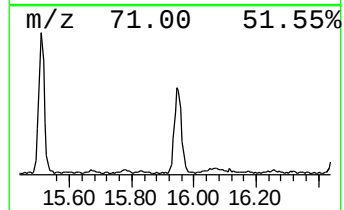
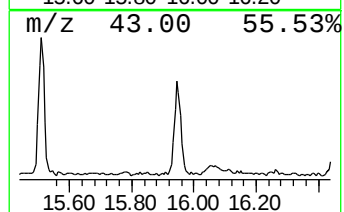
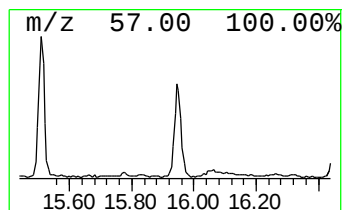
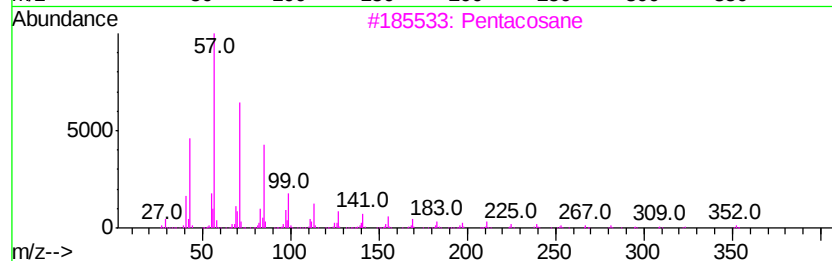
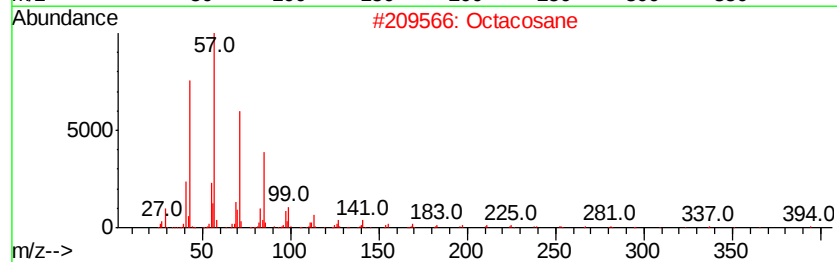
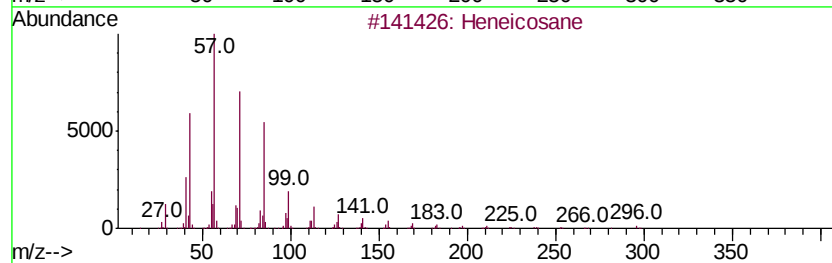
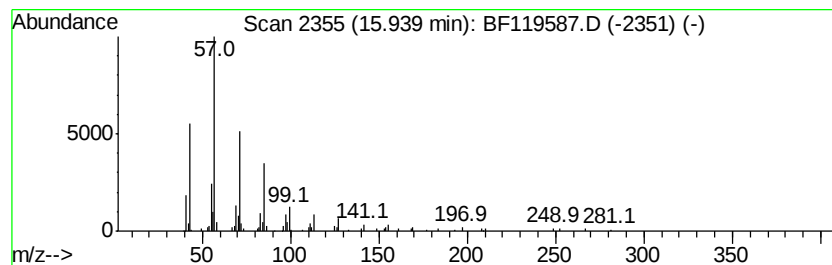
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.07 ng	319060	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Octacosane		394	C28H58	000630-02-4	90
3	Pentacosane		352	C25H52	000629-99-2	90
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119587.D
Acq On : 28 Mar 2020 00:32
Operator : CG/JU
Sample : L2048-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-1-(DISCHARGE)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Tridecanoic acid	11.89	7.2 ng		1046850	4	11.36	2911860	20.0
Octadecanoic acid	12.68	4.1 ng		602335	4	11.36	2911860	20.0
Heptadecyl triflu...	13.87	6.2 ng		766505	5	14.00	2460730	20.0
Octacosane	14.48	2.3 ng		279841	5	14.00	2460730	20.0
Heneicosane	14.79	3.5 ng		364070	6	15.47	2079680	20.0
2-methyloctacosane	15.13	4.0 ng		410391	6	15.47	2079680	20.0
Pentacosane	15.94	3.1 ng		319060	6	15.47	2079680	20.0