

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119430.D
 Acq On : 18 Mar 2020 22:24
 Operator : CG/JU
 Sample : L1949-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

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	2.169	9	14	21	rVB	331920	443844	4.65%	0.584%
2	5.087	506	510	517	rVB	125803	157432	1.65%	0.207%
3	5.469	569	575	578	rBV	8304507	8978194	94.12%	11.806%
4	6.475	740	746	749	rBV	7812651	8912016	93.42%	11.719%
5	6.675	777	780	783	rBV	179887	128878	1.35%	0.169%
6	6.851	807	810	814	rVB	2567171	2240063	23.48%	2.946%
7	7.010	833	837	841	rVB	7350847	6985546	73.23%	9.186%
8	7.416	900	906	909	rBV	5750438	5876216	61.60%	7.727%
9	8.139	1024	1029	1032	rBV	3418102	2901963	30.42%	3.816%
10	9.222	1207	1213	1216	rBV	9868316	9539335	100.00%	12.544%
11	9.610	1275	1279	1282	rBV	1940207	1501194	15.74%	1.974%
12	9.898	1320	1328	1332	rVB	3631088	3107619	32.58%	4.086%
13	10.686	1456	1462	1465	rBV	6064226	5636330	59.09%	7.412%
14	11.386	1576	1581	1584	rBV	3438306	2951775	30.94%	3.882%
15	11.916	1667	1671	1682	rBV	949240	888034	9.31%	1.168%
16	12.598	1783	1787	1790	rBV2	129796	125584	1.32%	0.165%
17	12.698	1801	1804	1818	rBV	361270	416784	4.37%	0.548%
18	12.974	1846	1851	1855	rBV	7620677	7470969	78.32%	9.824%
19	13.874	2000	2004	2011	rBV	1059681	1144999	12.00%	1.506%
20	14.021	2025	2029	2033	rBV	2094416	1981971	20.78%	2.606%
21	14.198	2056	2059	2064	rBV	192830	189035	1.98%	0.249%
22	14.504	2108	2111	2119	rBV	320163	335467	3.52%	0.441%
23	14.815	2160	2164	2168	rBV	337316	321030	3.37%	0.422%
24	15.163	2218	2223	2231	rBV	330703	452832	4.75%	0.595%
25	15.492	2274	2279	2284	rBV	1562868	1865162	19.55%	2.453%
26	15.545	2284	2288	2295	rVB	305609	400994	4.20%	0.527%
27	15.992	2359	2364	2368	rBV	238537	373237	3.91%	0.491%
28	16.033	2368	2371	2380	rVB2	147363	232801	2.44%	0.306%
29	16.504	2446	2451	2457	rBV	134530	235851	2.47%	0.310%
30	17.115	2549	2555	2560	rBV3	68584	141694	1.49%	0.186%
31	17.827	2670	2676	2685	rVB5	41438	110028	1.15%	0.145%

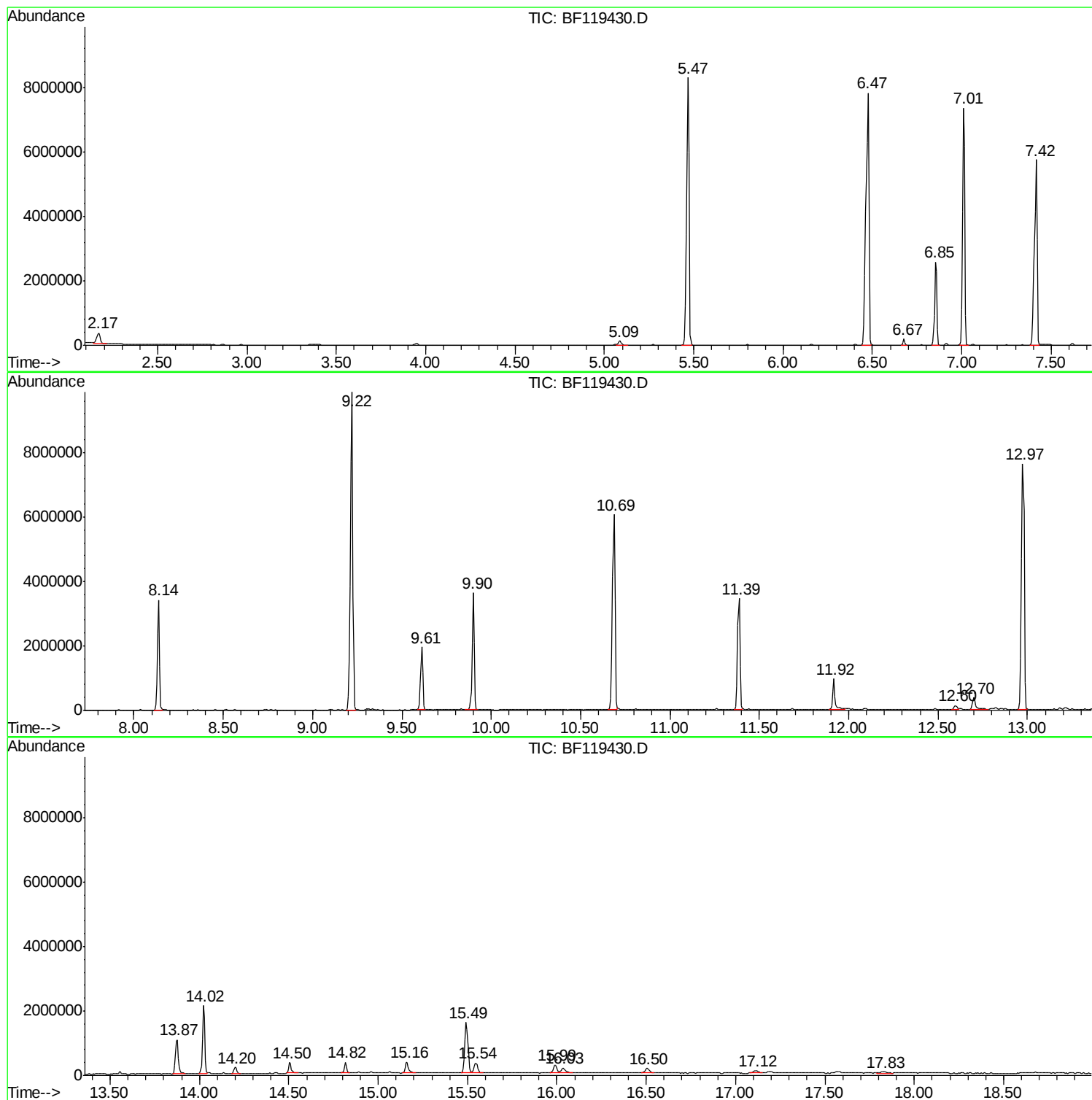
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Instrument :
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ClientSampleId :
VNJ-219

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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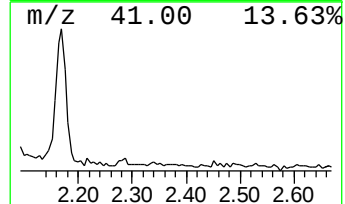
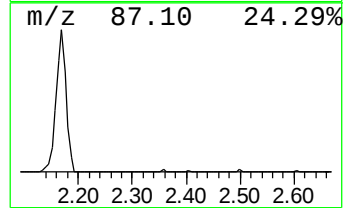
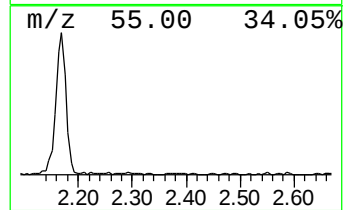
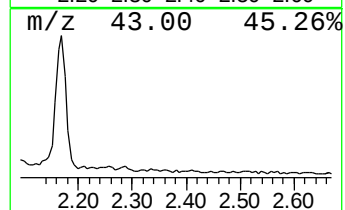
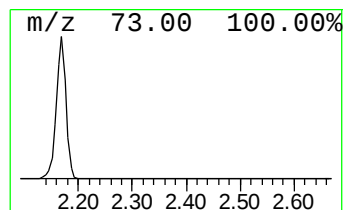
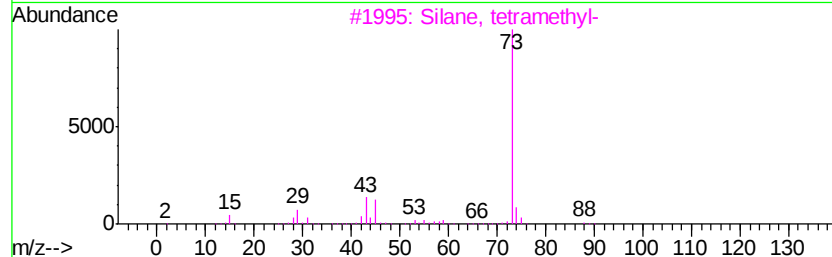
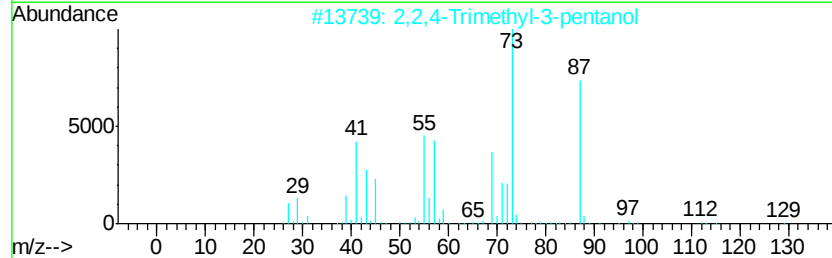
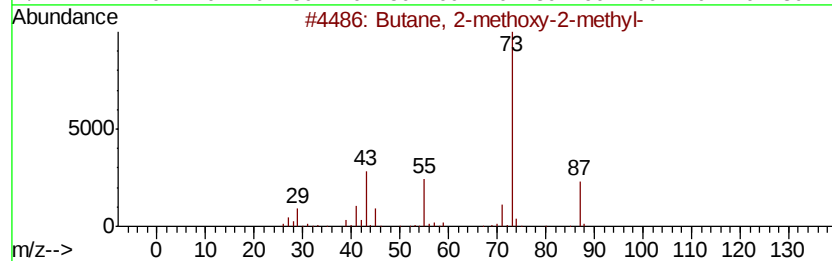
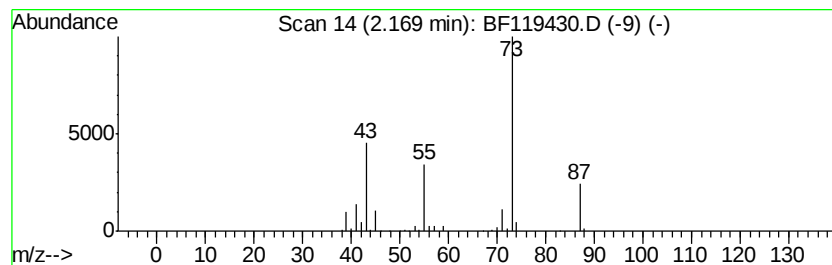
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	3.96 ng	443844	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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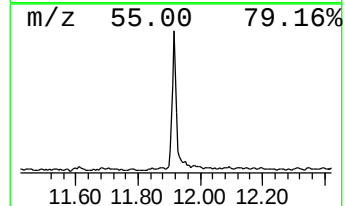
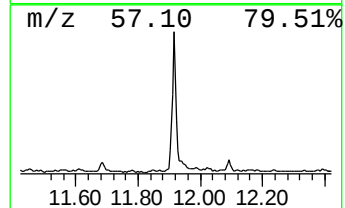
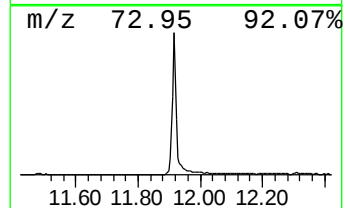
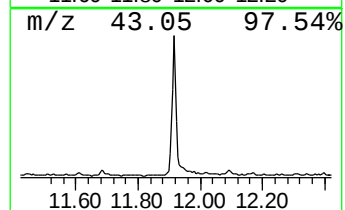
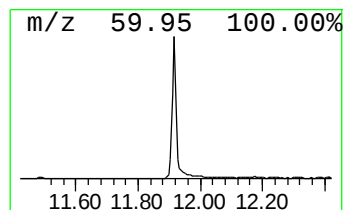
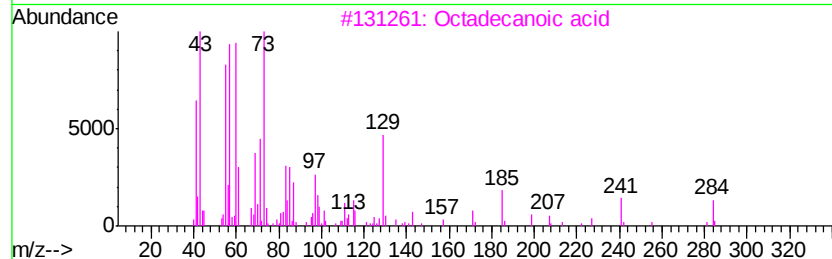
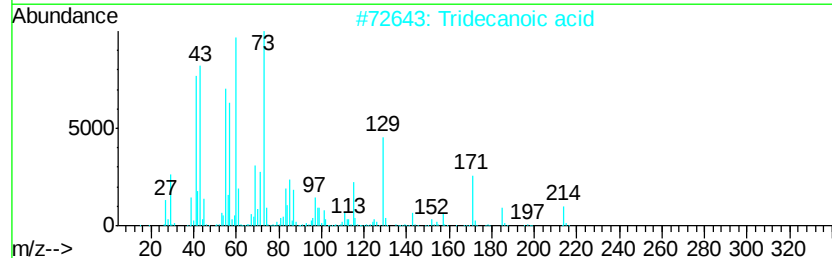
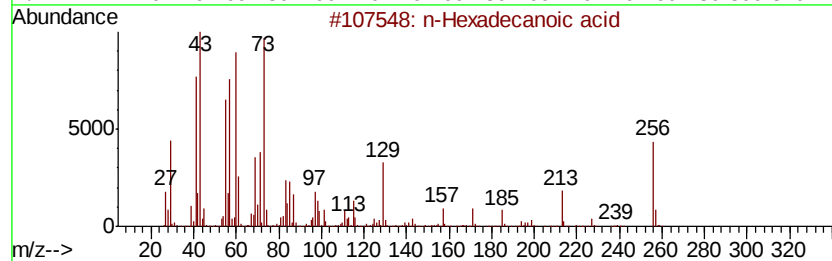
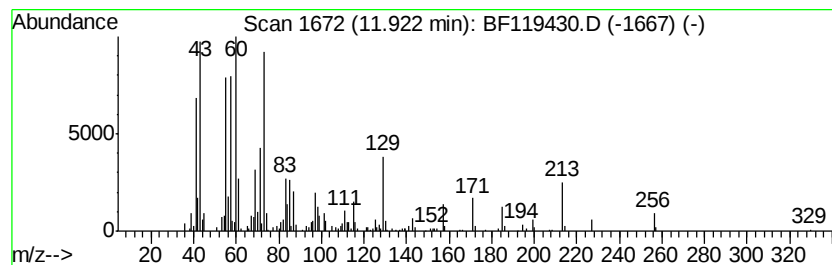
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.02 ng	888034	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78



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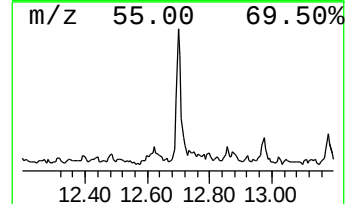
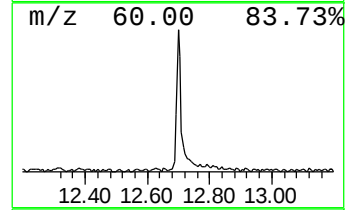
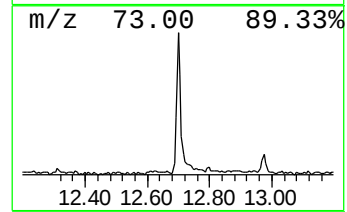
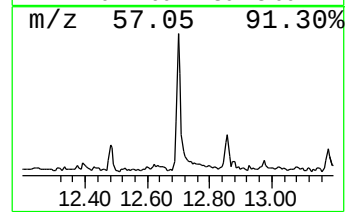
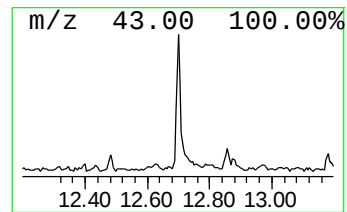
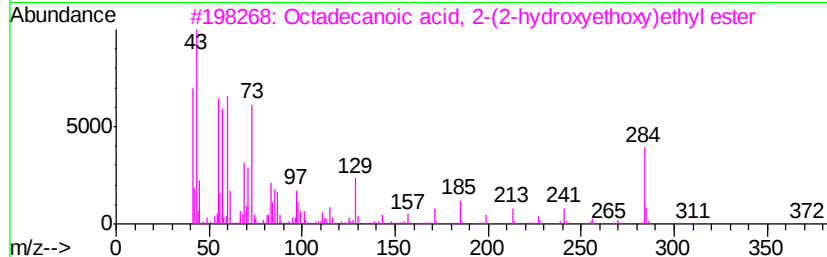
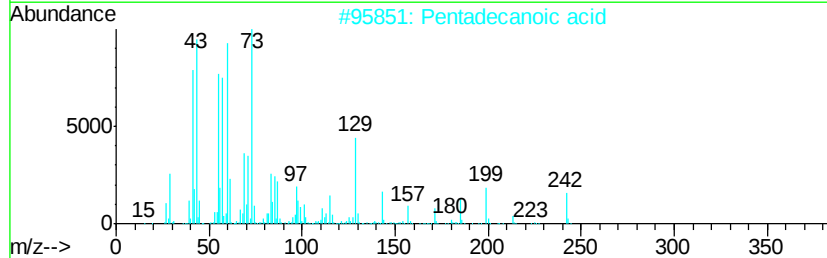
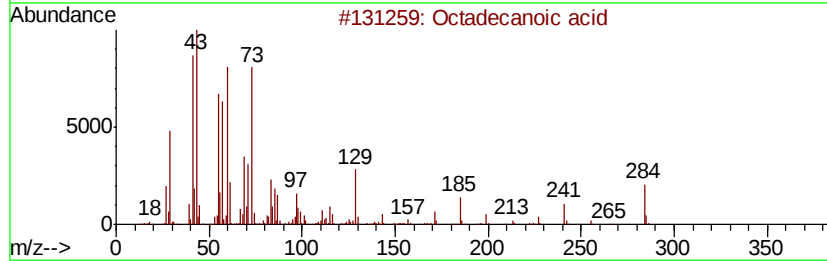
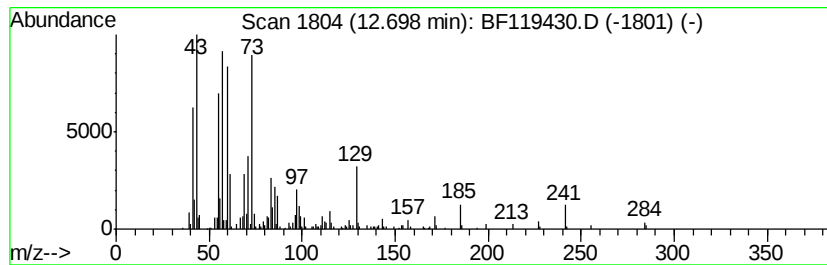
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.82 ng	416784	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	81



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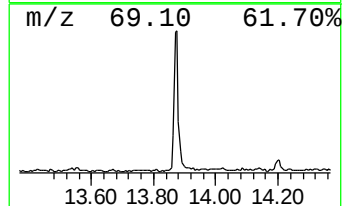
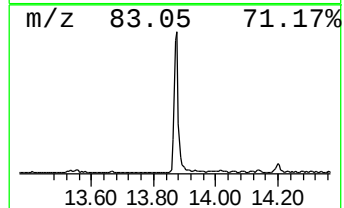
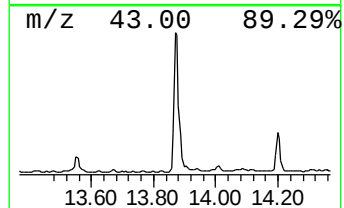
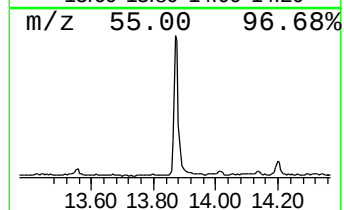
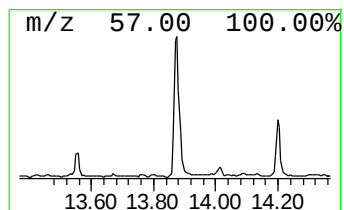
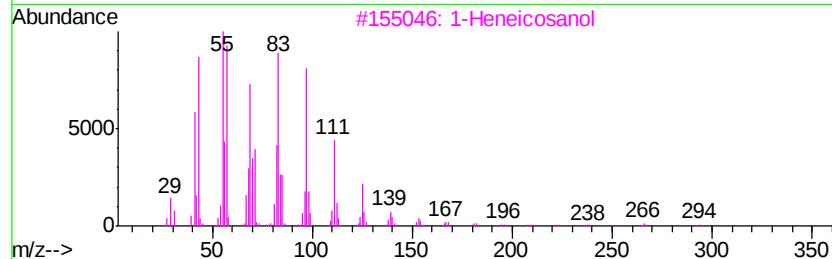
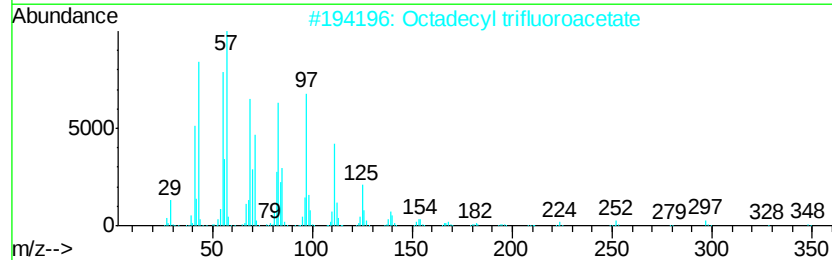
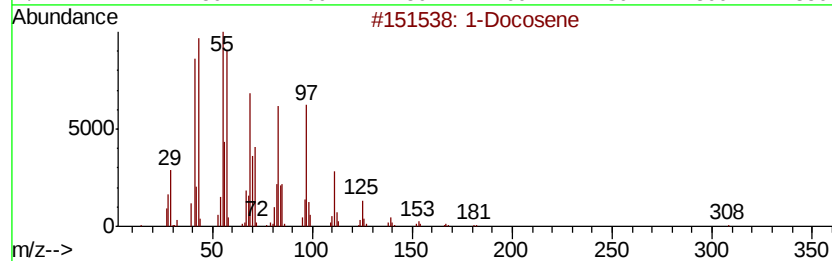
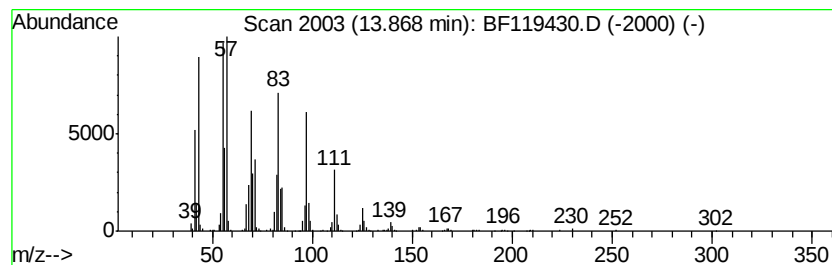
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Peak Number 5 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.55 ng	1145000	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	94
2	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	94
3	1-Heneicosanol		312	C21H44O	015594-90-8	93
4	Cycloeicosane		280	C20H40	000296-56-0	93
5	n-Tetracosanol-1		354	C24H50O	000506-51-4	91



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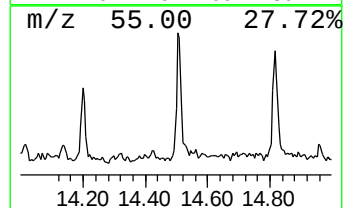
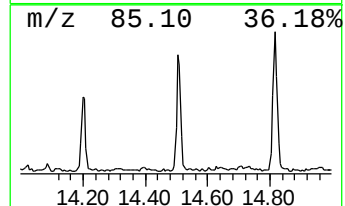
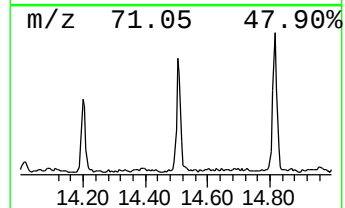
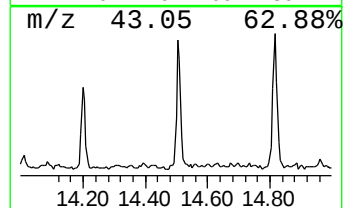
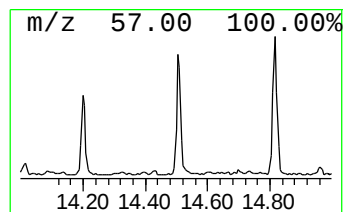
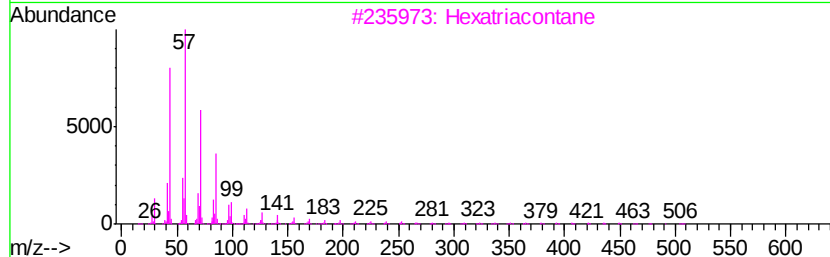
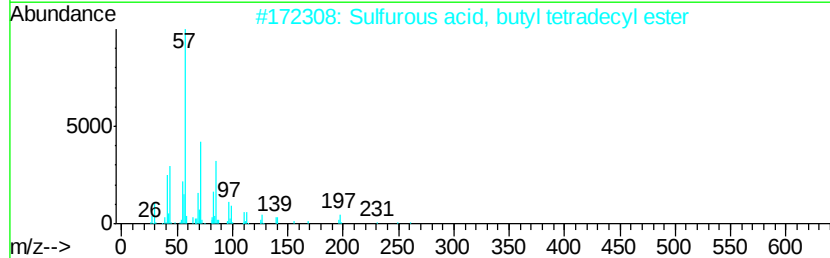
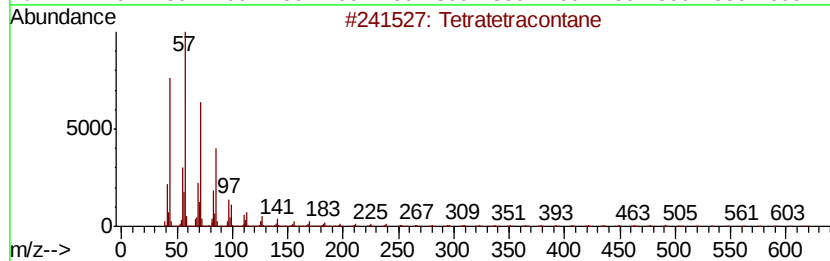
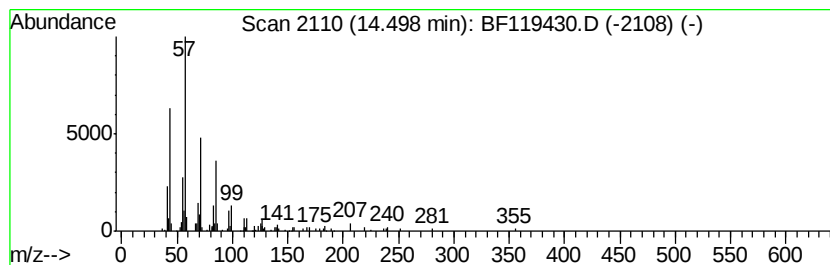
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.39 ng	335467	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91



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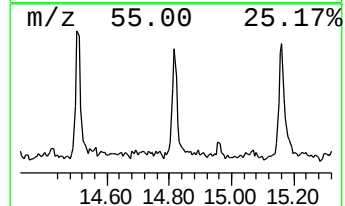
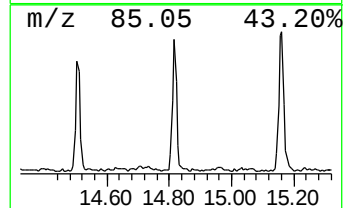
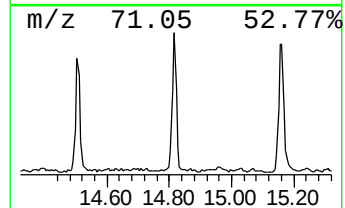
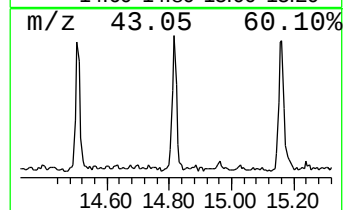
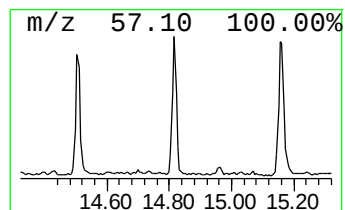
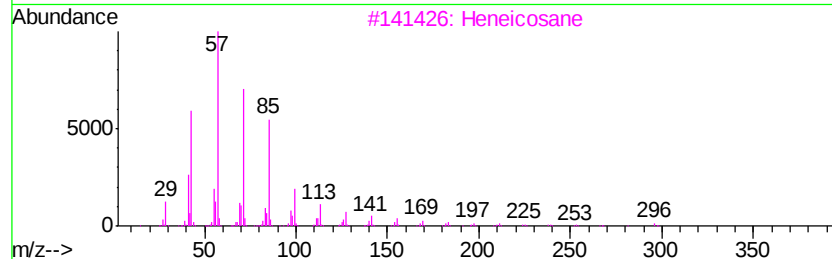
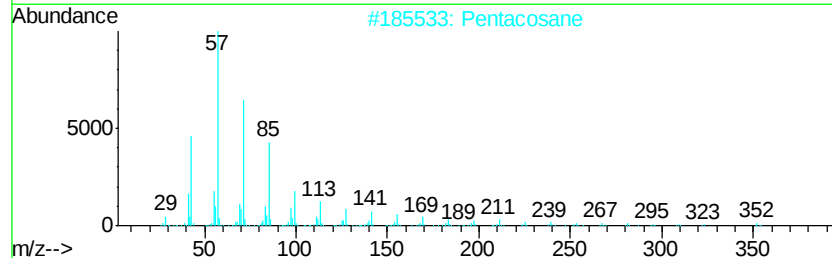
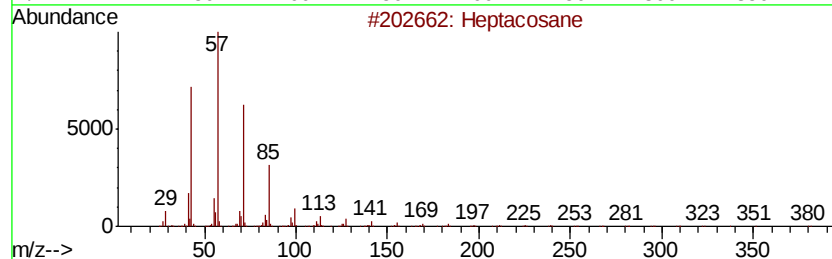
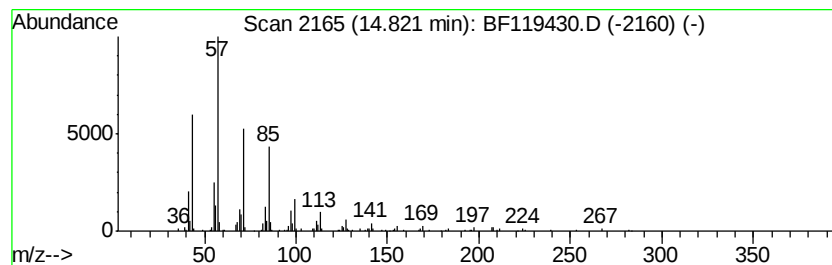
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.44 ng	321030	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119430.D
 Acq On : 18 Mar 2020 22:24
 Operator : CG/JU
 Sample : L1949-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

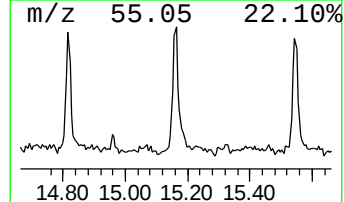
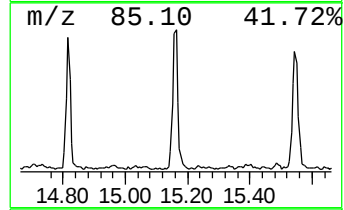
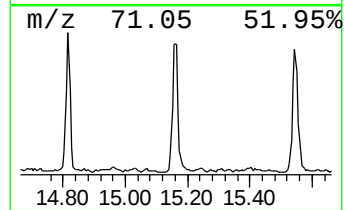
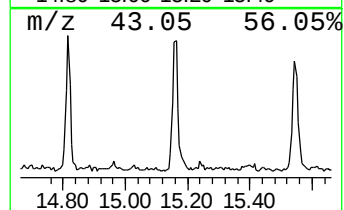
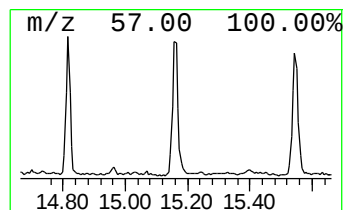
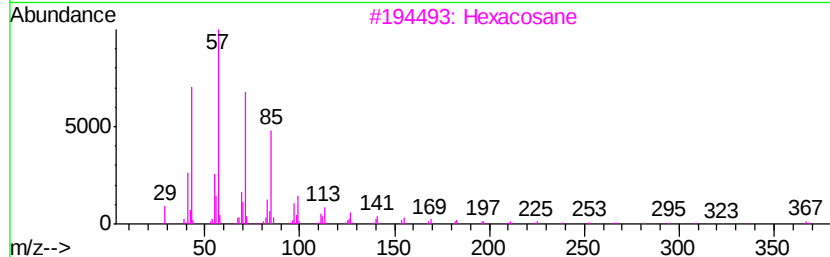
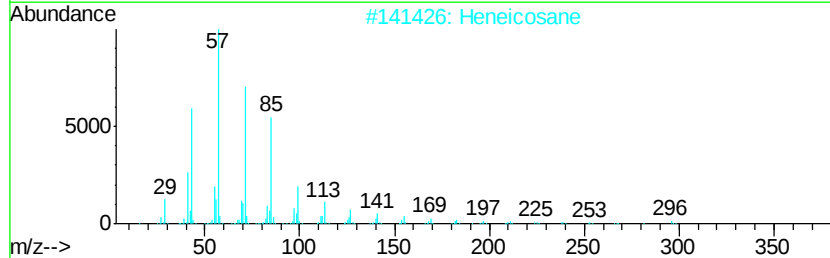
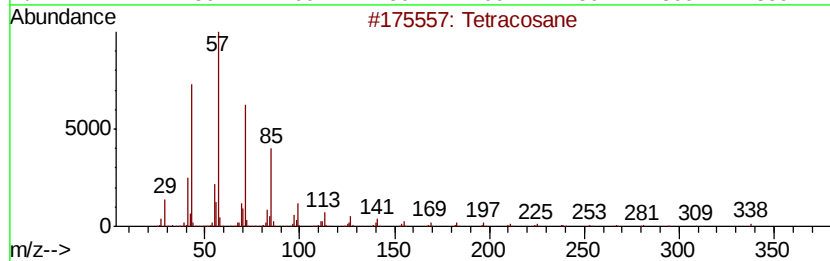
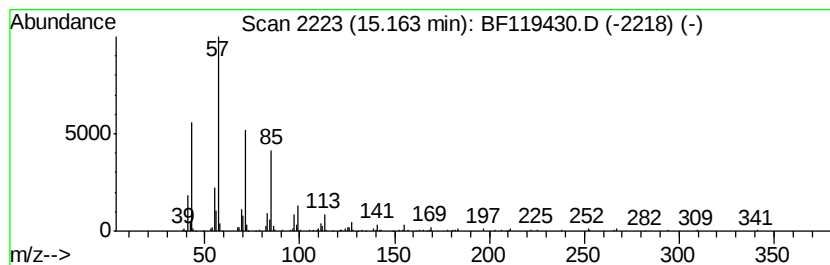
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.86 ng	452832	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Docosane	310	C22H46	000629-97-0	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119430.D
Acq On : 18 Mar 2020 22:24
Operator : CG/JU
Sample : L1949-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219

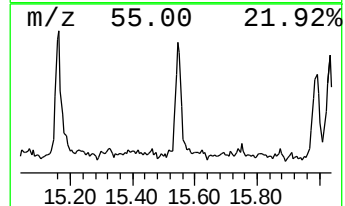
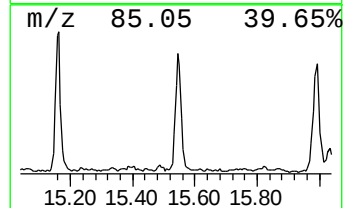
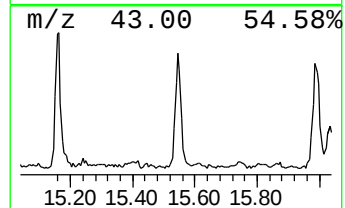
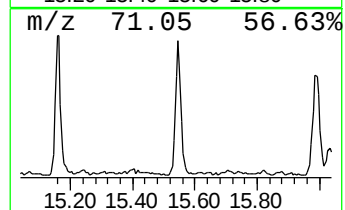
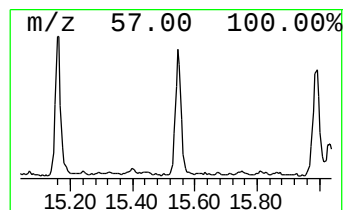
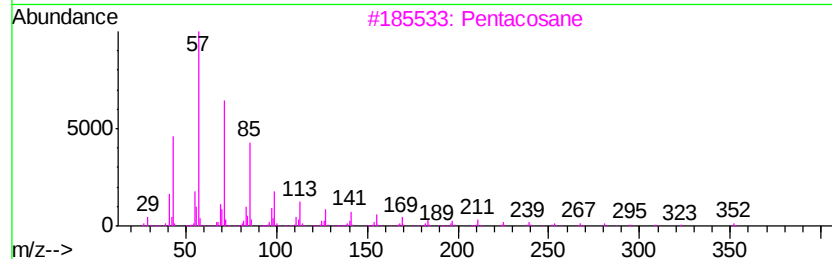
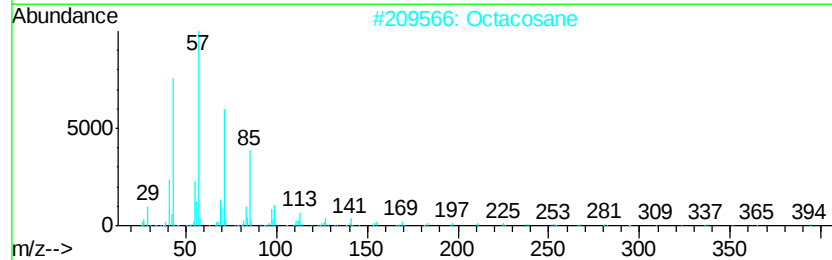
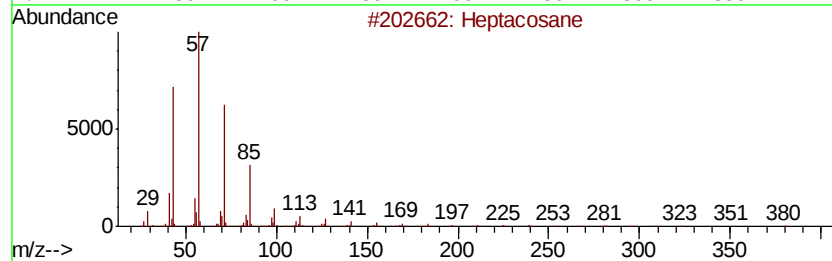
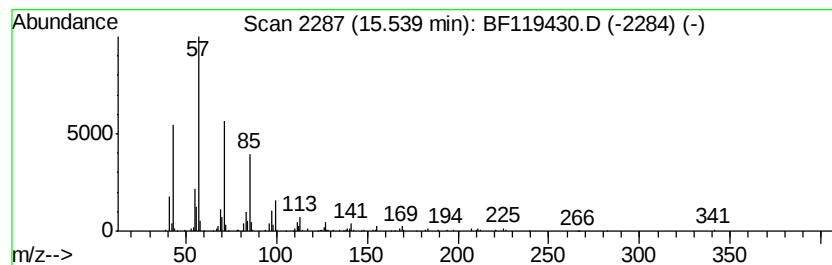
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.30 ng	400994	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119430.D
Acq On : 18 Mar 2020 22:24
Operator : CG/JU
Sample : L1949-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219

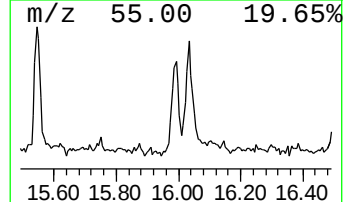
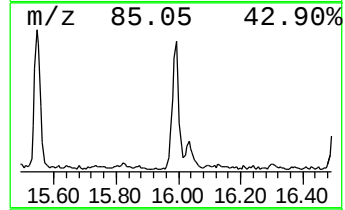
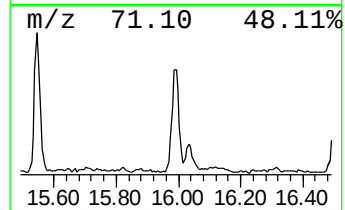
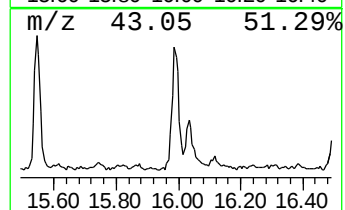
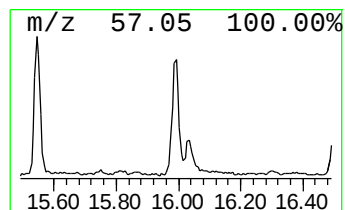
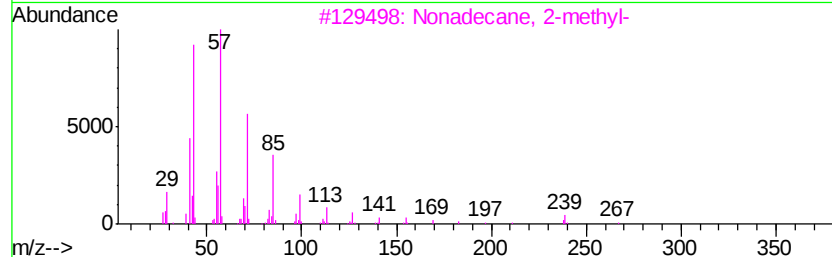
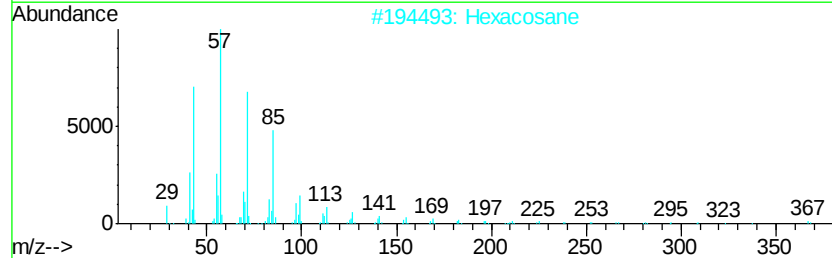
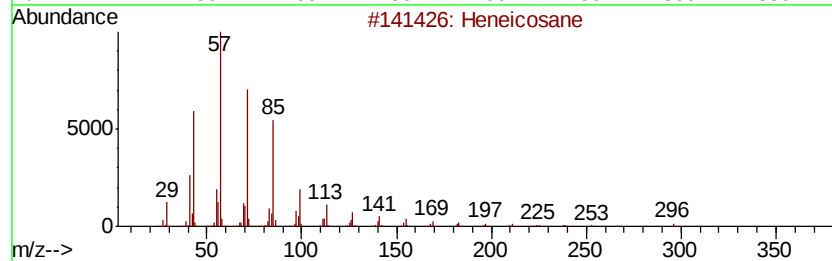
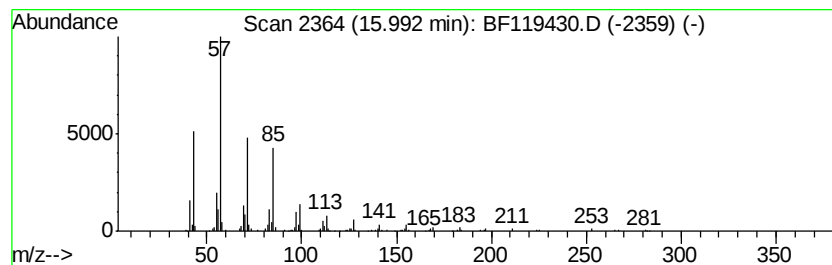
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	4.00 ng	373237	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119430.D
Acq On : 18 Mar 2020 22:24
Operator : CG/JU
Sample : L1949-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219

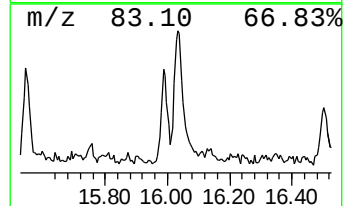
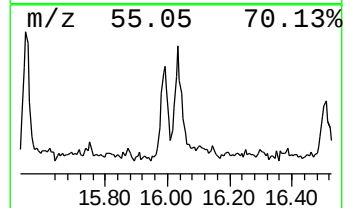
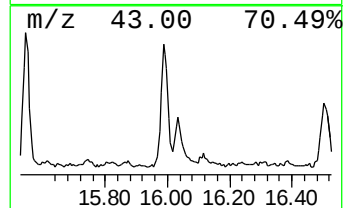
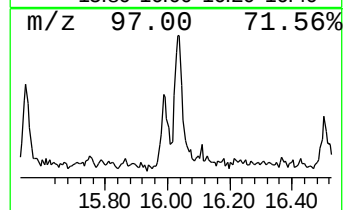
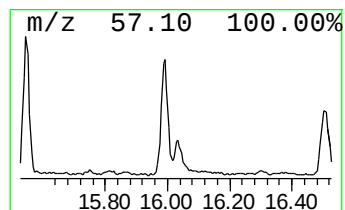
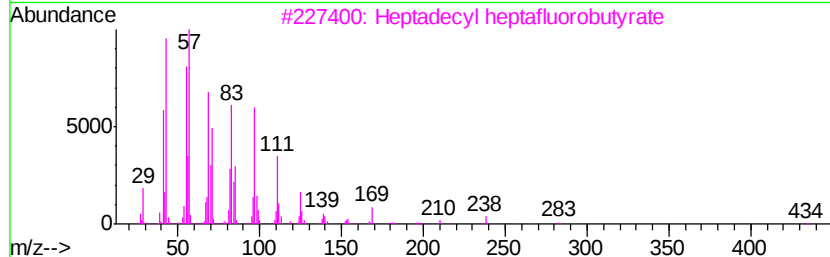
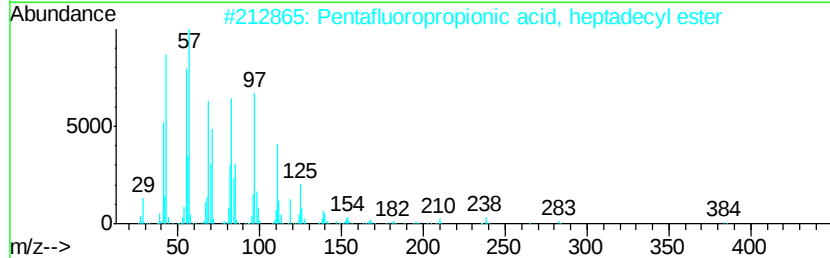
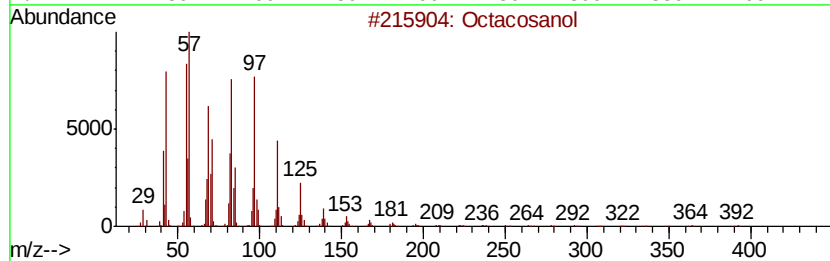
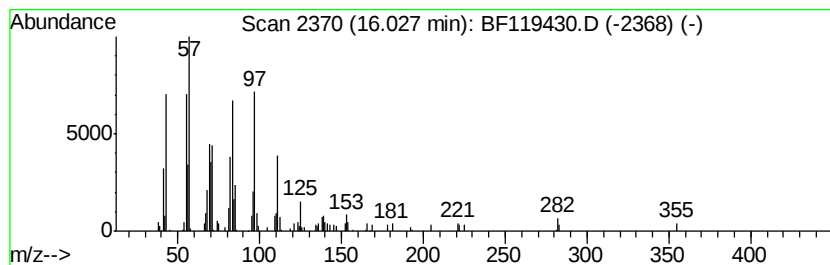
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.50 ng	232801	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	91
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	90
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5		1-Heptacosanol	396	C27H56O	002004-39-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119430.D
Acq On : 18 Mar 2020 22:24
Operator : CG/JU
Sample : L1949-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219

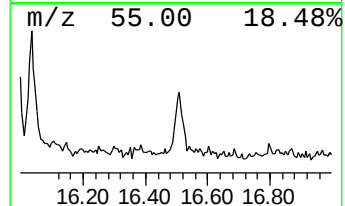
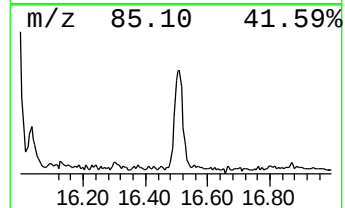
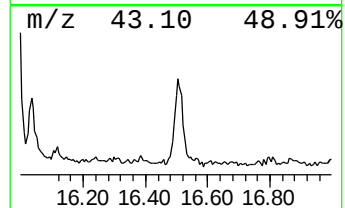
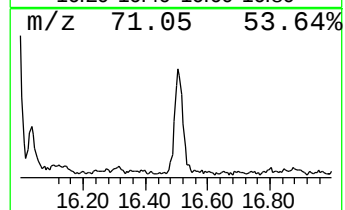
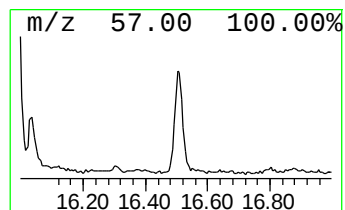
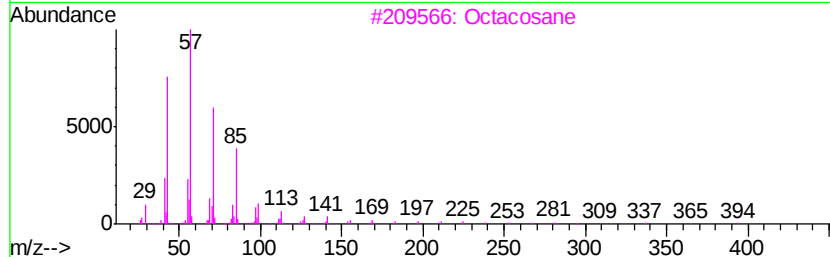
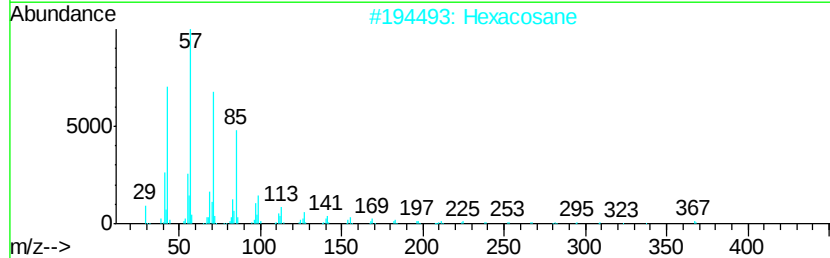
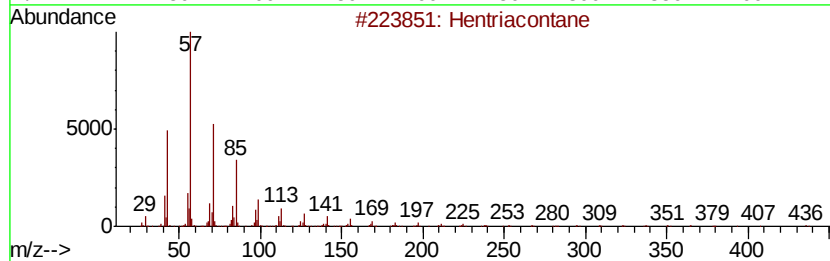
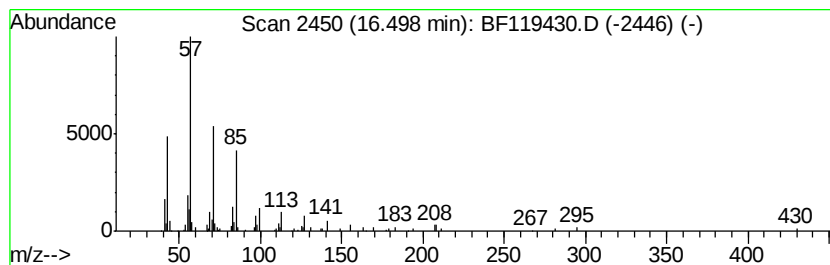
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.53 ng	235851	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119430.D
 Acq On : 18 Mar 2020 22:24
 Operator : CG/JU
 Sample : L1949-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	11.92	6.0	ng	888034	4	11.39	2951780	20.0
Octadecanoic acid	12.70	2.8	ng	416784	4	11.39	2951780	20.0
1-Docosene	13.87	11.6	ng	1145000	5	14.02	1981970	20.0
Tetratetracontane	14.50	3.4	ng	335467	5	14.02	1981970	20.0
Heptacosane	14.82	3.4	ng	321030	6	15.49	1865160	20.0
Tetracosane	15.16	4.9	ng	452832	6	15.49	1865160	20.0
Octacosane	15.54	4.3	ng	400994	6	15.49	1865160	20.0
Heneicosane	15.99	4.0	ng	373237	6	15.49	1865160	20.0
Octacosanol	16.03	2.5	ng	232801	6	15.49	1865160	20.0
Hentriacontane	16.50	2.5	ng	235851	6	15.49	1865160	20.0