

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121819\
 Data File : BF118267.D
 Acq On : 18 Dec 2019 19:06
 Operator : JU
 Sample : K6357-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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-BF120619.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	5.069	502	507	518	rVB	304990	392418	12.48%	1.624%
2	5.475	572	576	596	rBV	2071613	2123447	67.54%	8.790%
3	6.493	744	749	764	rBV	2346240	2301756	73.21%	9.528%
4	6.628	768	772	776	rBV	2578513	2405738	76.52%	9.958%
5	6.857	808	811	820	rVB	594500	491347	15.63%	2.034%
6	7.016	834	838	841	rBV	2283651	1876759	59.70%	7.768%
7	7.422	903	907	922	rBV	1429692	1408048	44.79%	5.828%
8	8.145	1027	1030	1044	rBV	672161	621043	19.75%	2.571%
9	9.228	1209	1214	1225	rBV	3021827	2891463	91.97%	11.969%
10	9.622	1277	1281	1290	rBV	183344	180798	5.75%	0.748%
11	9.910	1326	1330	1343	rBV	811501	760678	24.20%	3.149%
12	10.704	1461	1465	1478	rBV	1918384	1952797	62.11%	8.083%
13	11.404	1580	1584	1593	rBV	742877	783343	24.92%	3.242%
14	11.922	1669	1672	1686	rBV	218087	279487	8.89%	1.157%
15	12.716	1803	1807	1814	rBV	61148	86259	2.74%	0.357%
16	12.992	1850	1854	1857	rBV	3556529	3143887	100.00%	13.014%
17	13.886	2003	2006	2017	rBV	199796	292887	9.32%	1.212%
18	14.057	2031	2035	2045	rBV	682383	646501	20.56%	2.676%
19	14.210	2057	2061	2063	rBV	53415	48393	1.54%	0.200%
20	14.516	2109	2113	2122	rBV	88492	106827	3.40%	0.442%
21	14.827	2161	2166	2170	rBV	123634	131306	4.18%	0.544%
22	14.898	2175	2178	2182	rVV	38937	42132	1.34%	0.174%
23	15.168	2220	2224	2229	rBV	142446	150678	4.79%	0.624%
24	15.551	2284	2289	2301	rBV2	461348	713220	22.69%	2.952%
25	15.998	2360	2365	2373	rBV	92882	146899	4.67%	0.608%
26	16.080	2373	2379	2383	rBV8	14088	35417	1.13%	0.147%
27	16.515	2448	2453	2463	rVB2	55865	104424	3.32%	0.432%
28	17.127	2552	2557	2562	rVB4	20784	40661	1.29%	0.168%

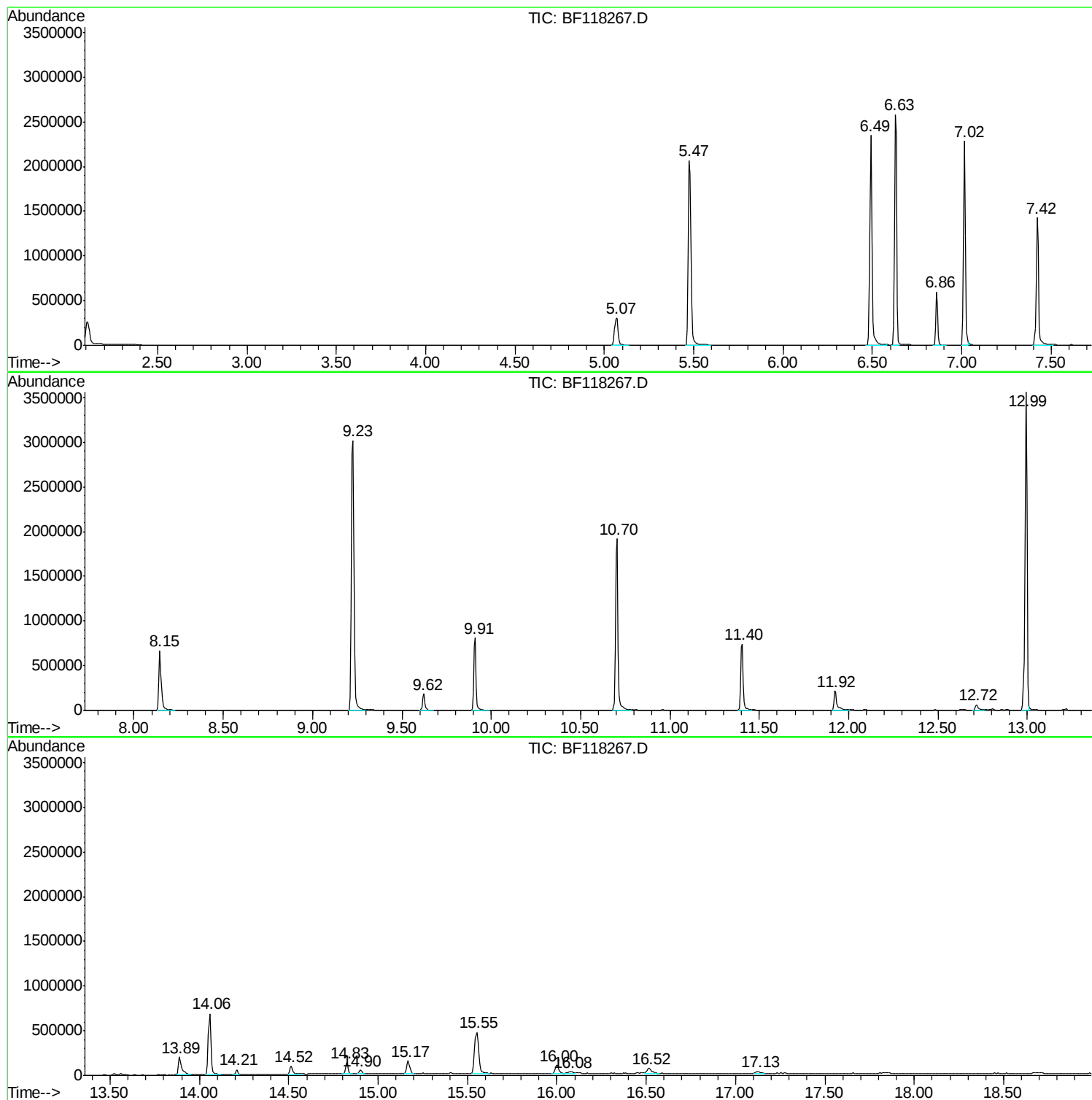
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BNA_F
ClientSampled :
PF-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.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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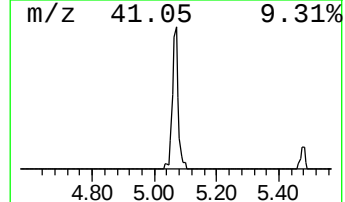
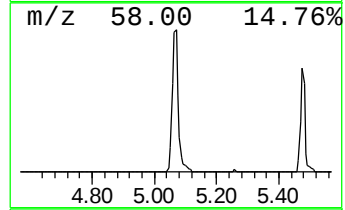
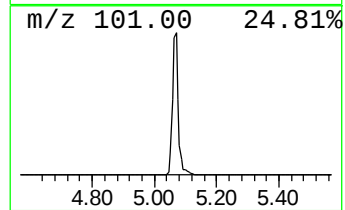
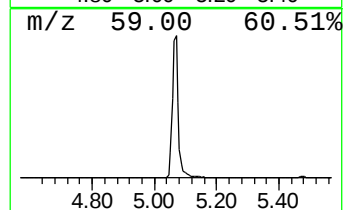
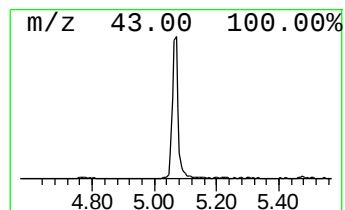
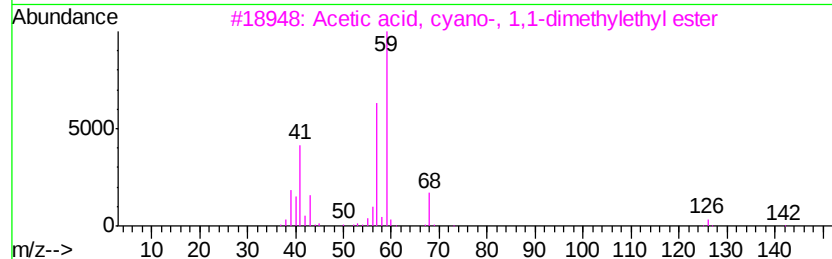
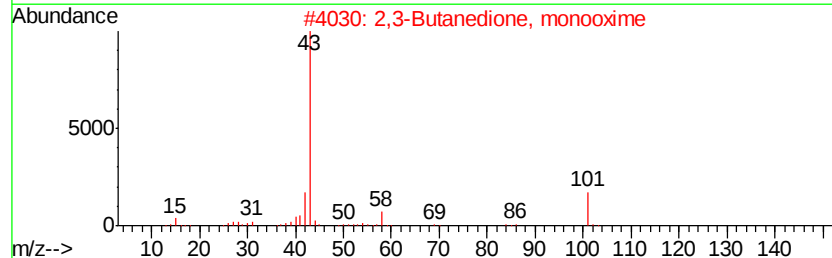
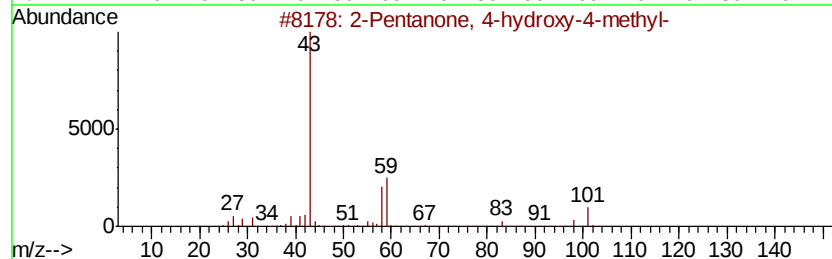
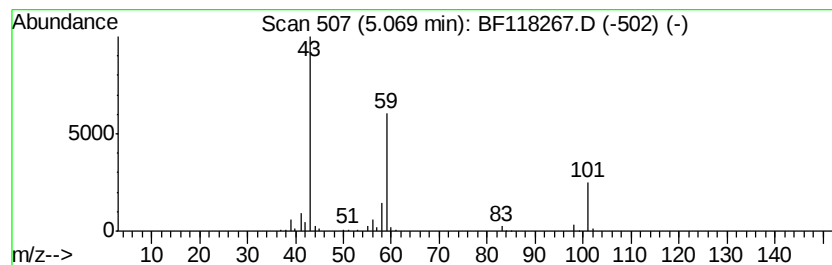
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	15.97 ng	392418	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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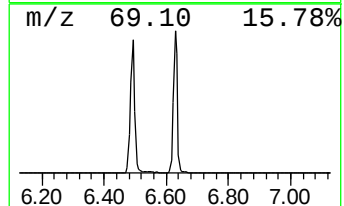
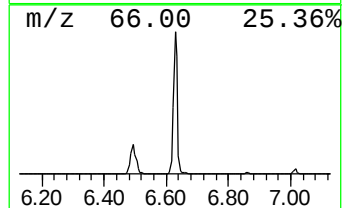
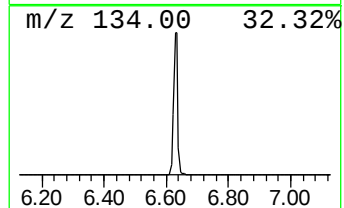
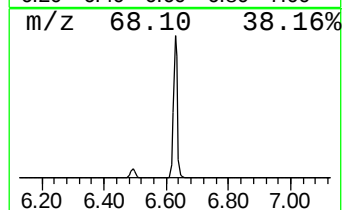
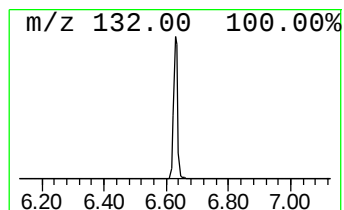
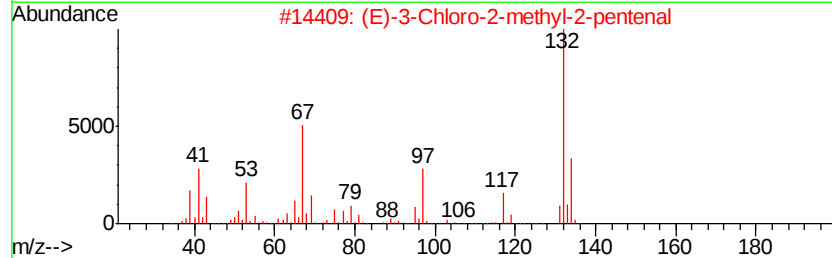
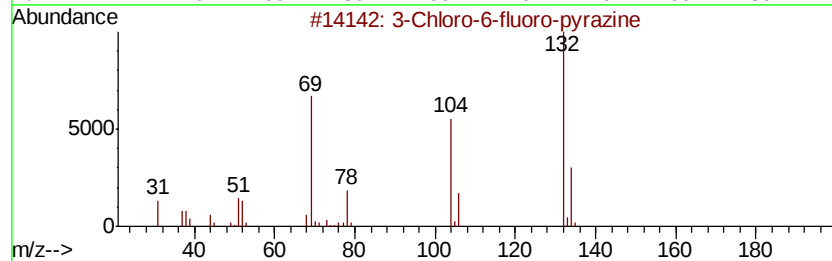
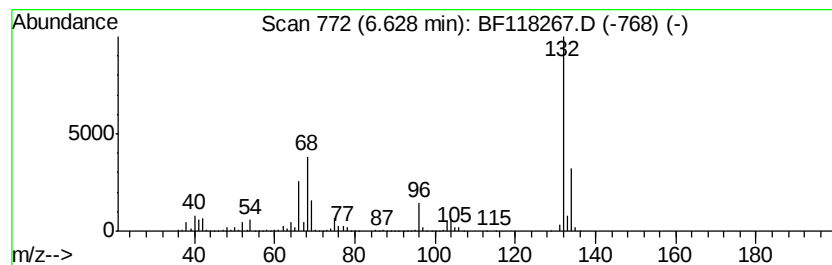
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Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	97.92 ng	2405740	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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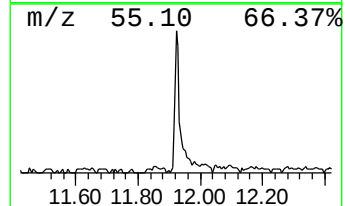
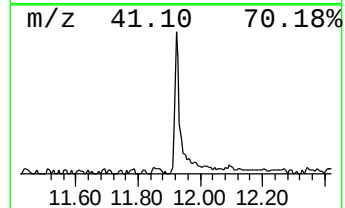
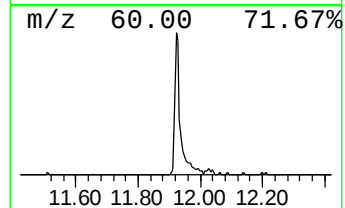
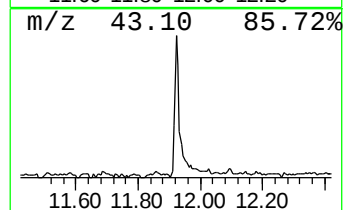
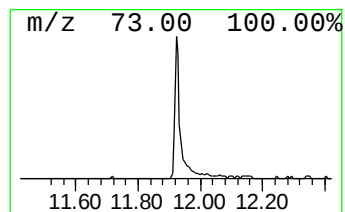
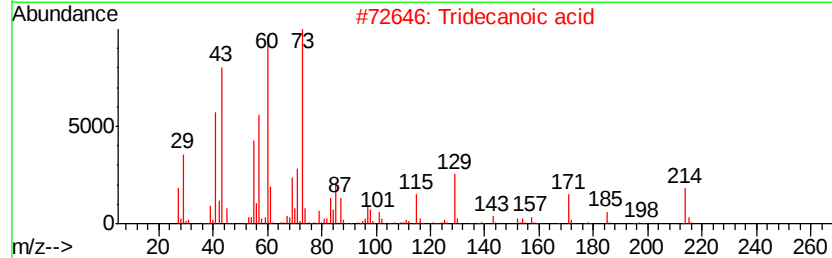
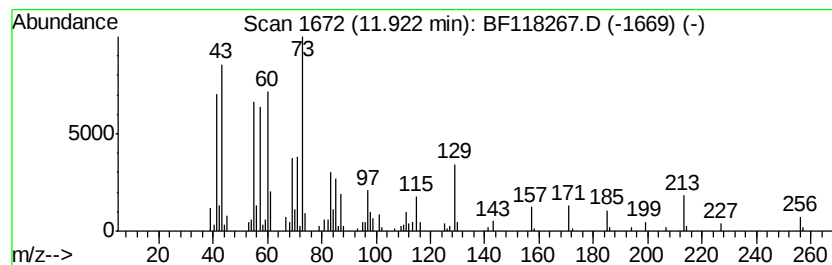
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.14 ng	279487	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Trehalose	342	C12H22O11	000099-20-7	47



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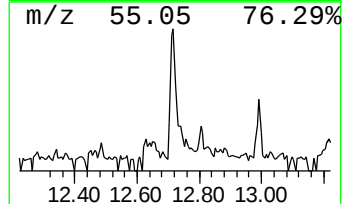
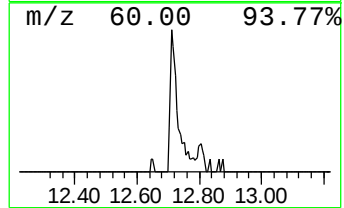
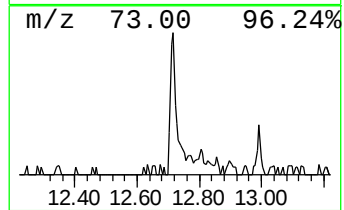
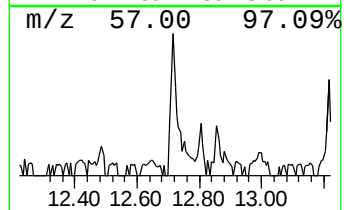
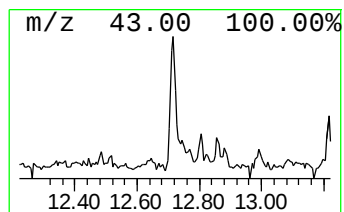
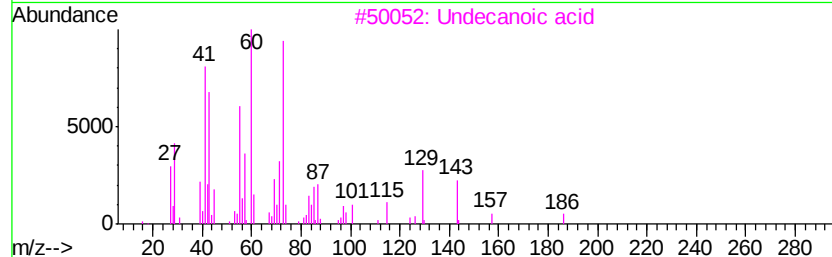
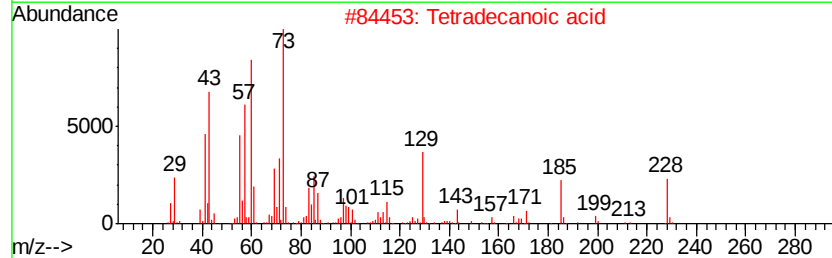
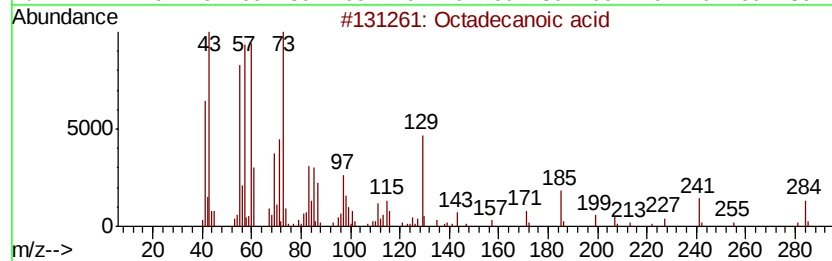
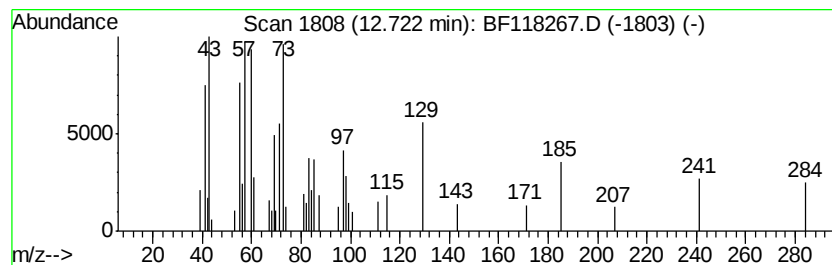
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Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.20 ng	86259	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3		Undecanoic acid	186	C11H22O2	000112-37-8	43
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	30



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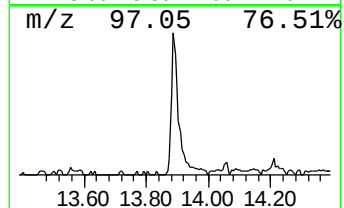
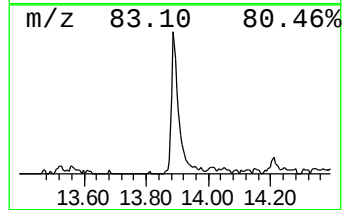
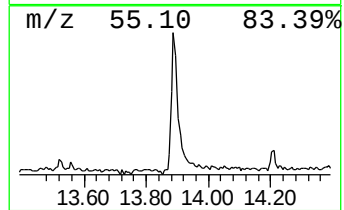
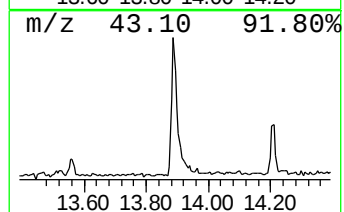
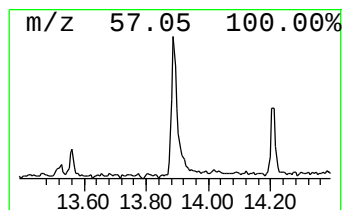
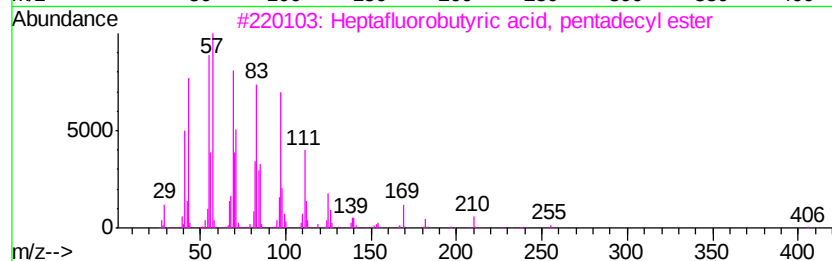
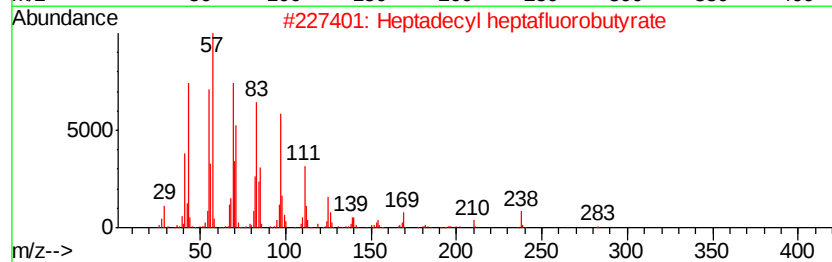
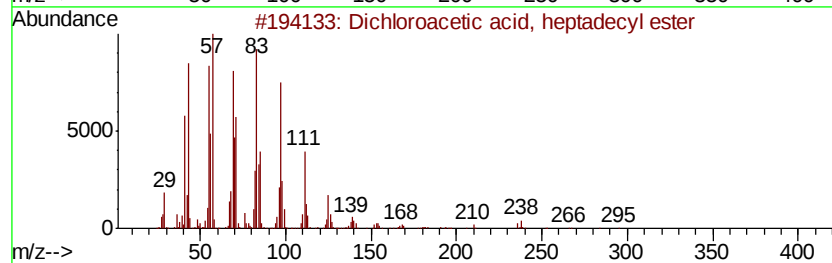
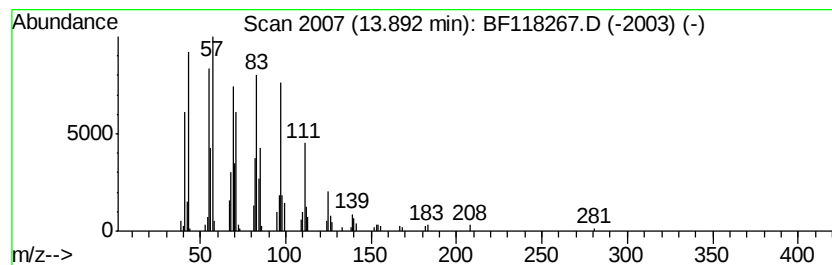
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Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.06 ng	292887	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



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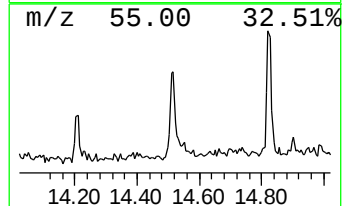
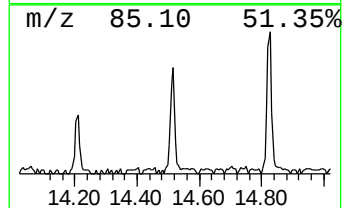
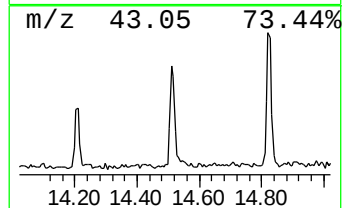
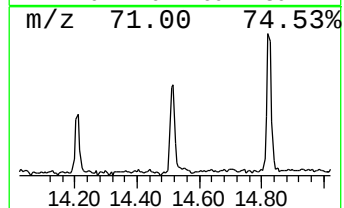
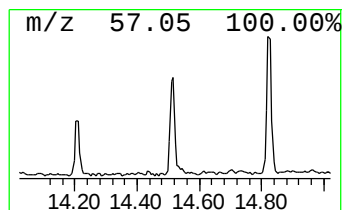
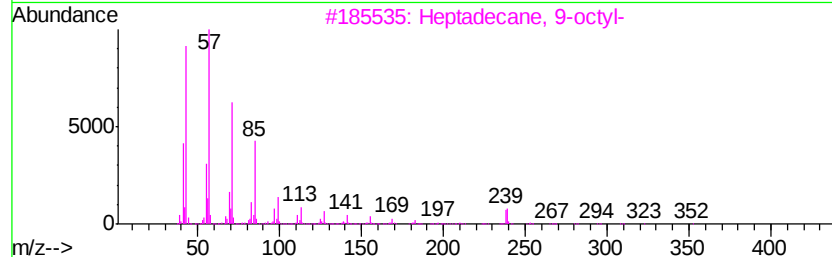
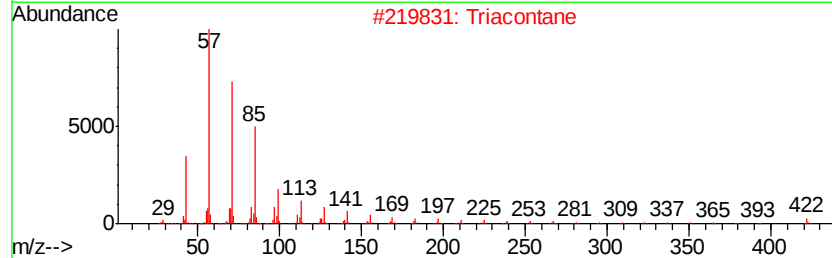
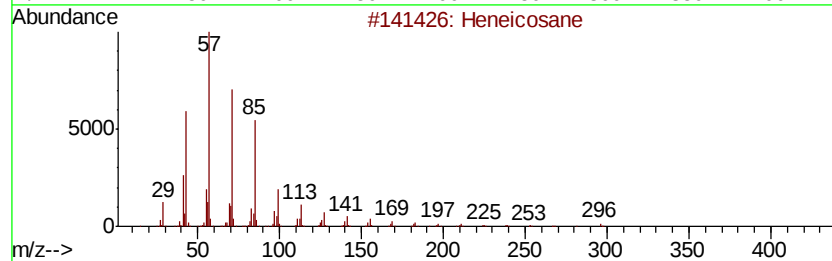
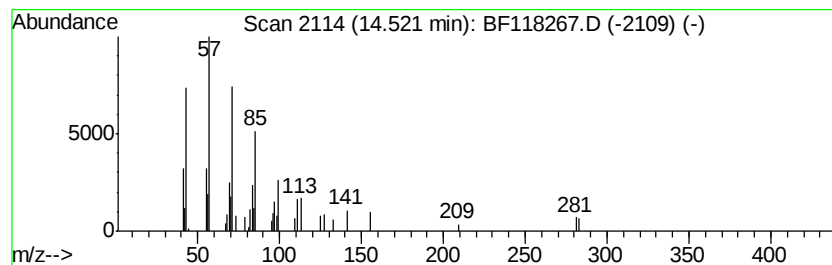
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.30 ng	106827	Chrysene-d12	14.06

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		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118267.D
Acq On : 18 Dec 2019 19:06
Operator : JU
Sample : K6357-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PF-01

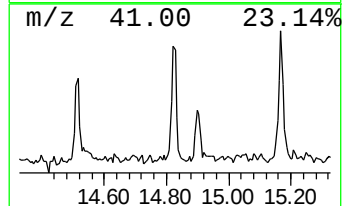
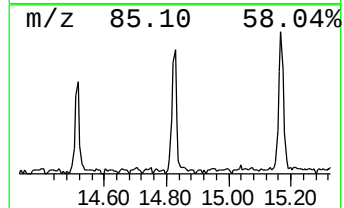
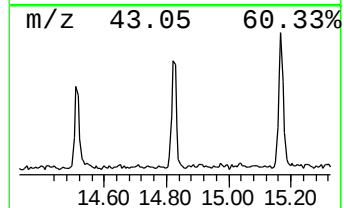
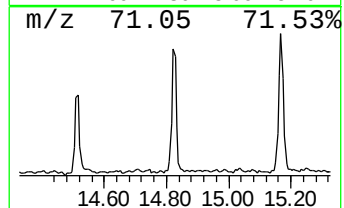
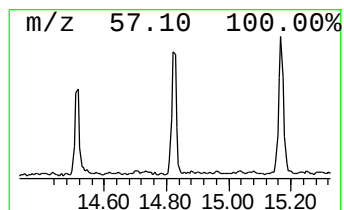
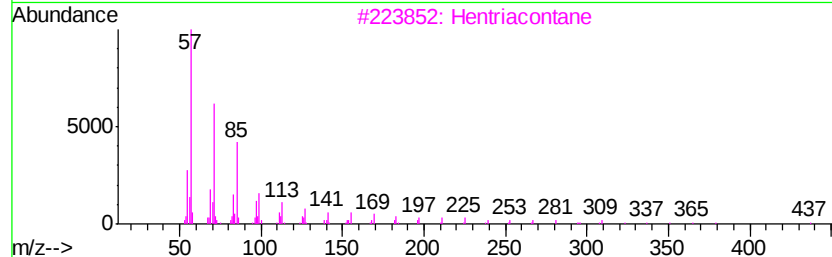
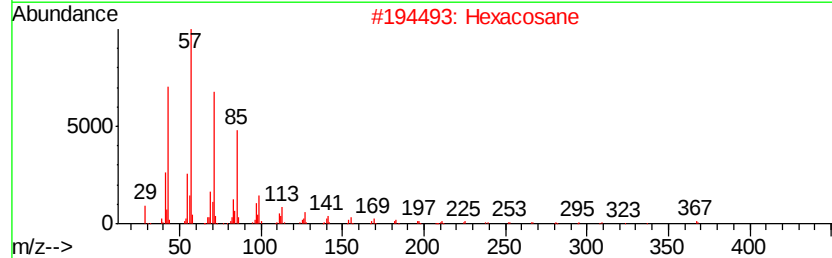
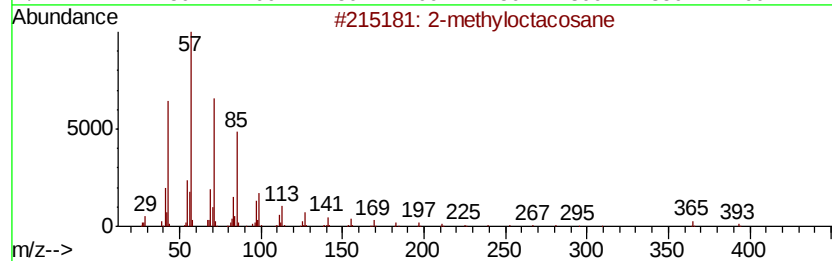
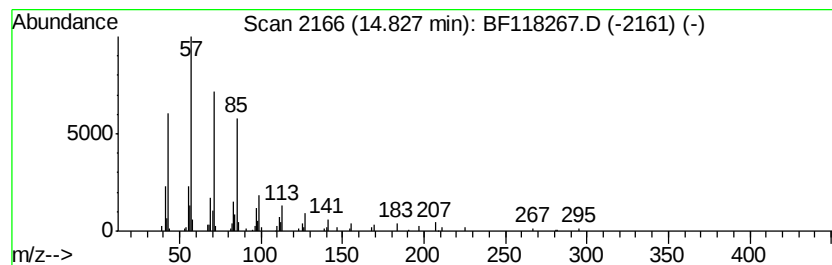
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.83	3.68 ng	131306	Perylene-d12		15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Octadecane	254	C18H38	000593-45-3	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118267.D
Acq On : 18 Dec 2019 19:06
Operator : JU
Sample : K6357-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PF-01

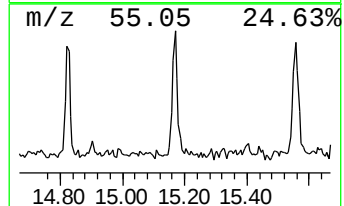
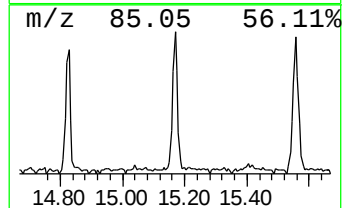
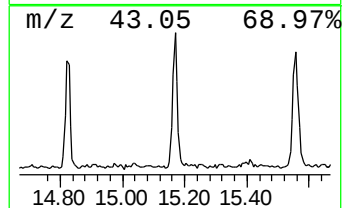
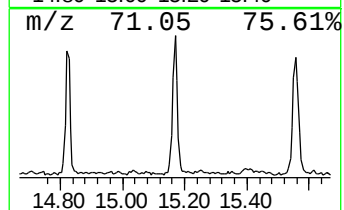
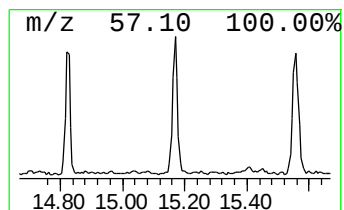
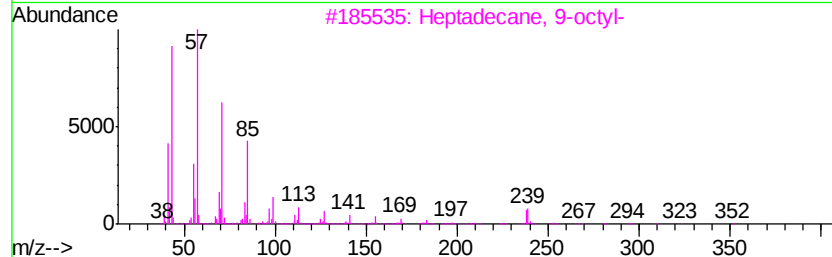
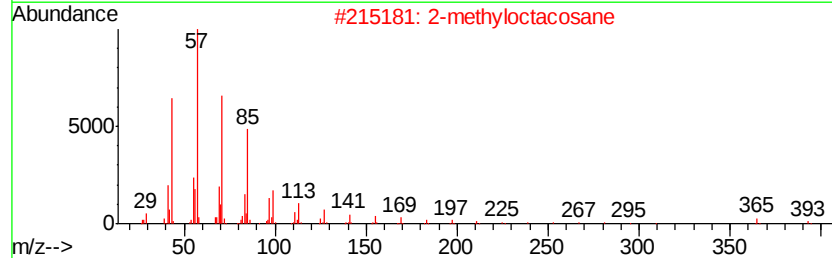
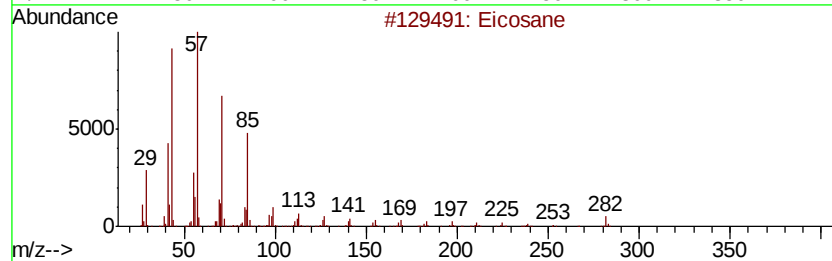
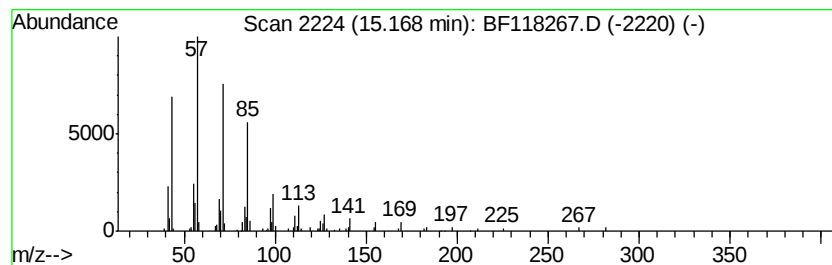
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.23 ng	150678	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118267.D
Acq On : 18 Dec 2019 19:06
Operator : JU
Sample : K6357-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PF-01

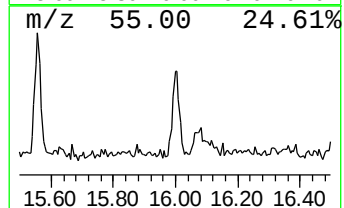
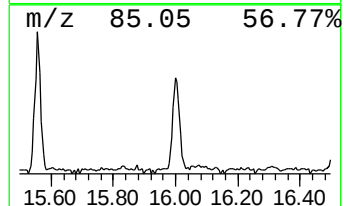
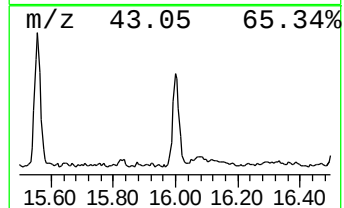
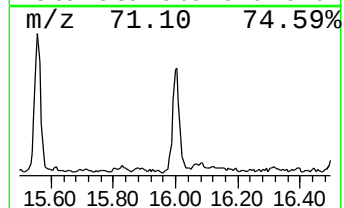
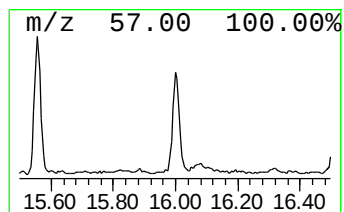
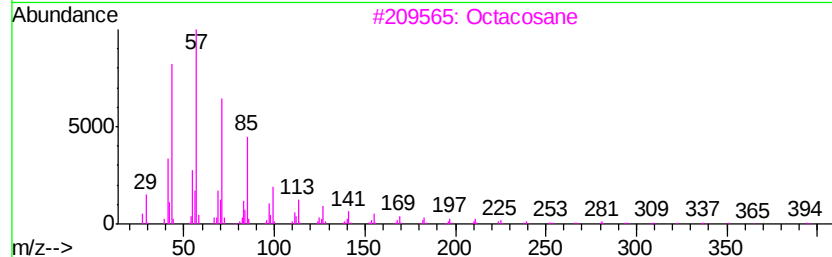
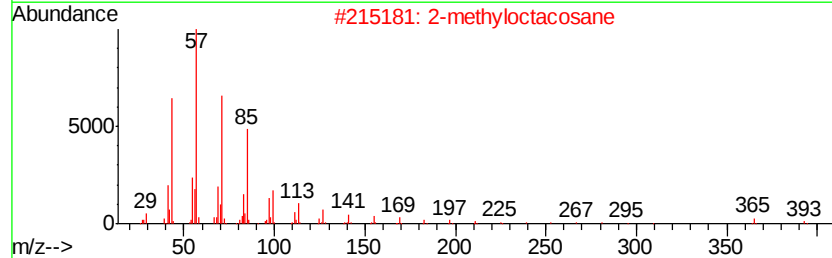
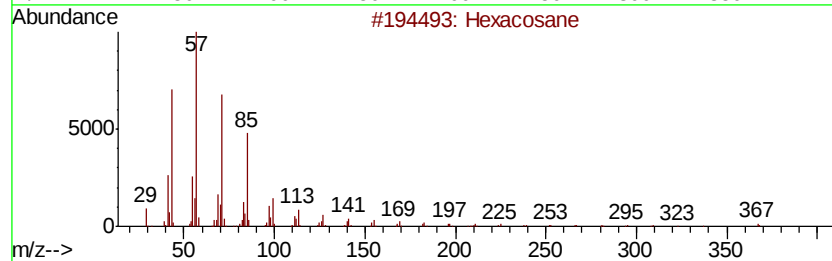
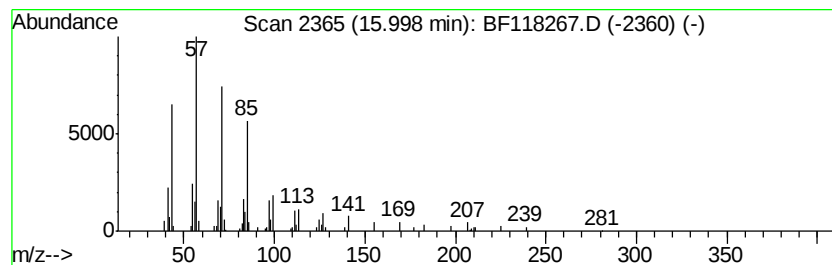
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	4.12 ng	146899	Perylene-d12	15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118267.D
Acq On : 18 Dec 2019 19:06
Operator : JU
Sample : K6357-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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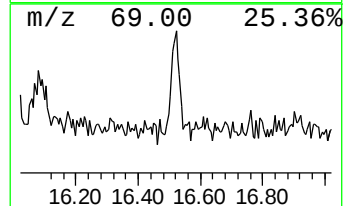
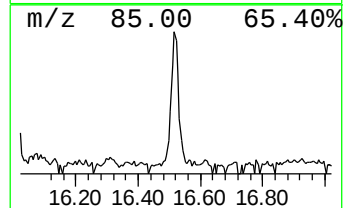
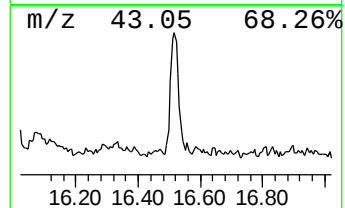
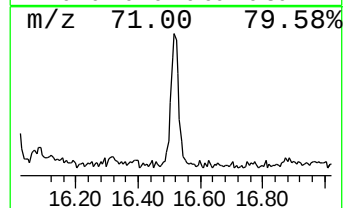
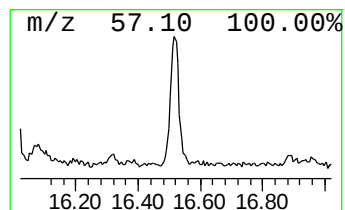
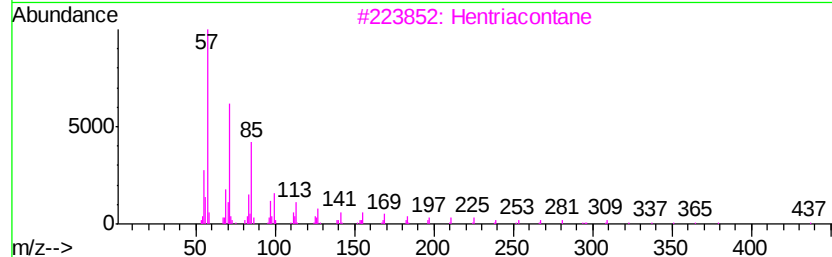
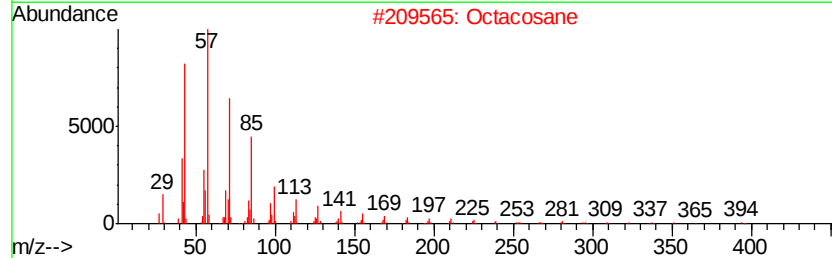
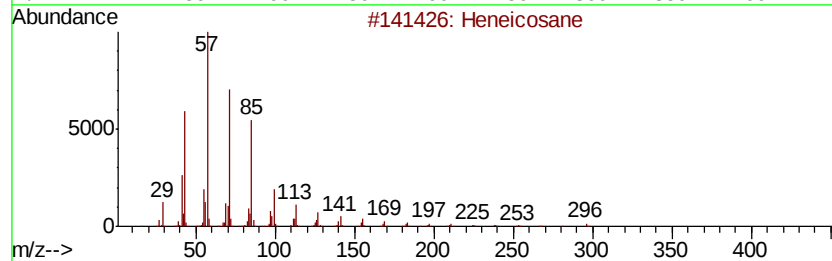
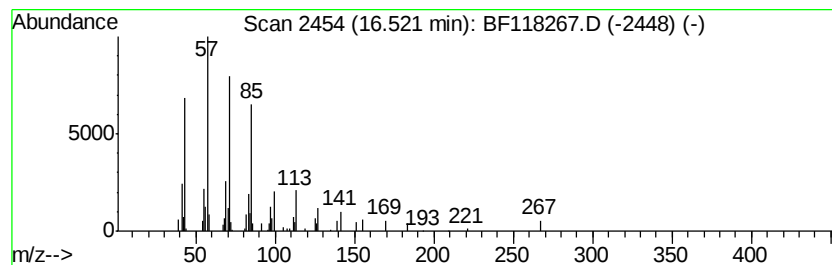
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.93 ng	104424	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121819\
Data File : BF118267.D
Acq On : 18 Dec 2019 19:06
Operator : JU
Sample : K6357-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
2-Pentanone, 4-hy...	5.07	16.0	ng	392418	1	6.86	491347	20.0
unknown6.63	6.63	97.9	ng	2405740	1	6.86	491347	20.0
n-Hexadecanoic acid	11.92	7.1	ng	279487	4	11.40	783343	20.0
Octadecanoic acid	12.72	2.2	ng	86259	4	11.40	783343	20.0
Dichloroacetic ac...	13.89	9.1	ng	292887	5	14.06	646501	20.0
Triacontane	14.52	3.3	ng	106827	5	14.06	646501	20.0
2-methyloctacosane	14.83	3.7	ng	131306	6	15.55	713220	20.0
Eicosane	15.17	4.2	ng	150678	6	15.55	713220	20.0
Hexacosane	16.00	4.1	ng	146899	6	15.55	713220	20.0
Heneicosane	16.52	2.9	ng	104424	6	15.55	713220	20.0