

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119861.D
 Acq On : 9 Apr 2020 8:33
 Operator : MA/SJ
 Sample : L2151-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

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	4.963	485	489	497	rVB	76941	96551	1.14%	0.196%
2	5.375	554	559	562	rBV	3179035	2850447	33.65%	5.800%
3	6.392	727	732	735	rBV	2003667	1735745	20.49%	3.532%
4	6.763	791	795	799	rBV	1404877	1193482	14.09%	2.428%
5	6.922	817	822	825	rBV	5017511	4980356	58.80%	10.134%
6	7.334	885	892	895	rBV	3717429	4262202	50.32%	8.672%
7	8.051	1009	1014	1017	rBV	1820657	1555865	18.37%	3.166%
8	9.133	1192	1198	1201	rBV	7665601	7798076	92.06%	15.867%
9	9.522	1256	1264	1267	rBV	630675	497210	5.87%	1.012%
10	9.810	1307	1313	1316	rBV	1895609	1841625	21.74%	3.747%
11	10.604	1441	1448	1451	rBV	5407315	5559176	65.63%	11.311%
12	11.292	1561	1565	1568	rBV	2297423	1913480	22.59%	3.893%
13	11.827	1652	1656	1660	rBV	653091	598721	7.07%	1.218%
14	12.616	1786	1790	1803	rBV	371311	407108	4.81%	0.828%
15	12.892	1831	1837	1840	rBV	7663727	8470542	100.00%	17.235%
16	13.121	1868	1876	1878	rBV	78931	96701	1.14%	0.197%
17	13.368	1914	1918	1922	rVB	160729	167049	1.97%	0.340%
18	13.463	1929	1934	1937	rBV3	122966	123306	1.46%	0.251%
19	13.792	1986	1990	2000	rVB	383720	451778	5.33%	0.919%
20	13.933	2009	2014	2018	rBV	1769186	1571381	18.55%	3.197%
21	14.110	2040	2044	2046	rBV	181600	185342	2.19%	0.377%
22	14.133	2046	2048	2059	rVB	109736	146640	1.73%	0.298%
23	14.410	2092	2095	2098	rBV	223175	221768	2.62%	0.451%
24	14.521	2110	2114	2117	rBV	232884	193829	2.29%	0.394%
25	14.715	2143	2147	2151	rVB	227436	233217	2.75%	0.475%
26	15.039	2196	2202	2214	rBV	231540	298616	3.53%	0.608%
27	15.368	2253	2258	2262	rBV	962804	1196109	14.12%	2.434%
28	15.410	2262	2265	2272	rVB	186482	223240	2.64%	0.454%
29	15.833	2332	2337	2341	rVB	121843	175465	2.07%	0.357%
30	16.315	2415	2419	2425	rVB2	62921	102298	1.21%	0.208%

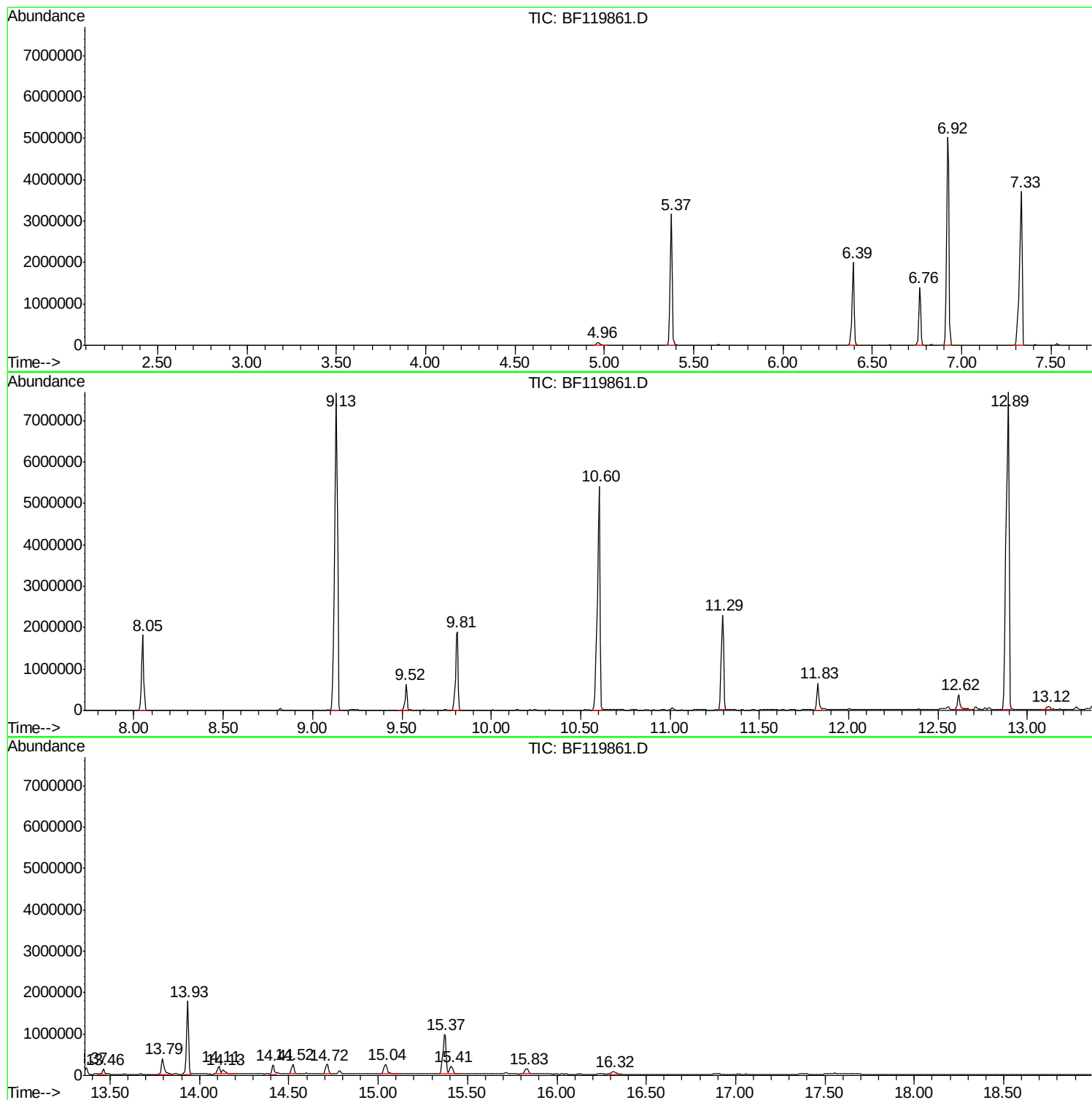
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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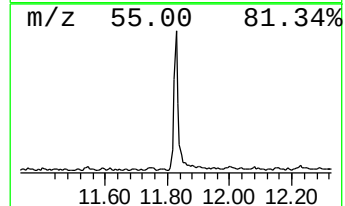
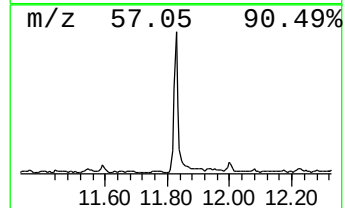
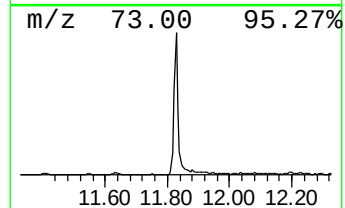
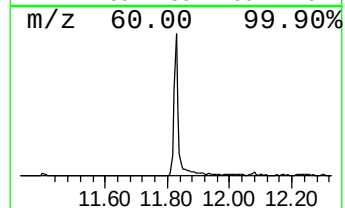
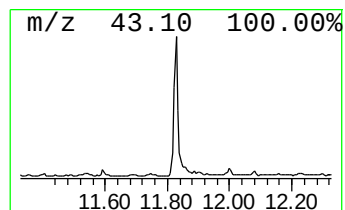
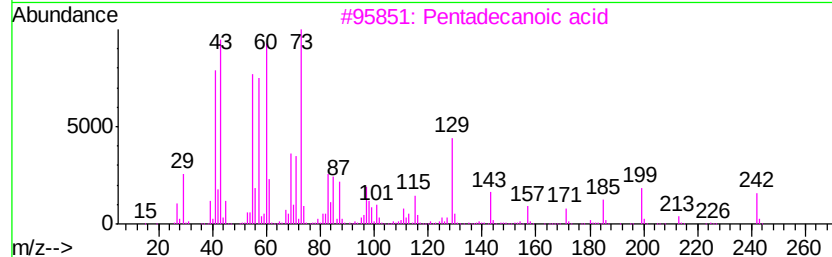
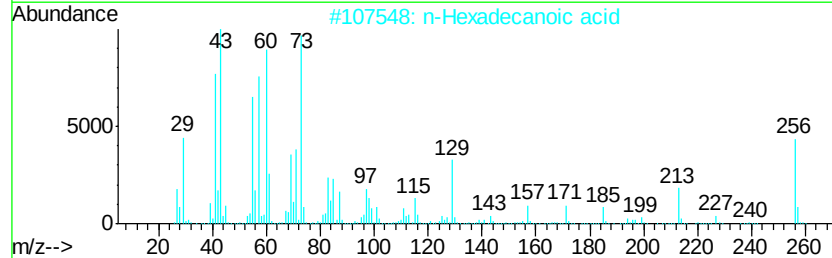
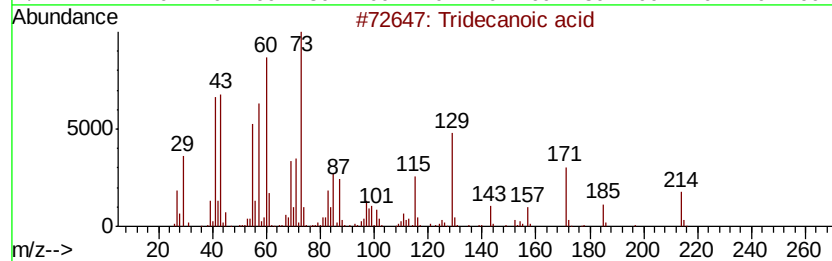
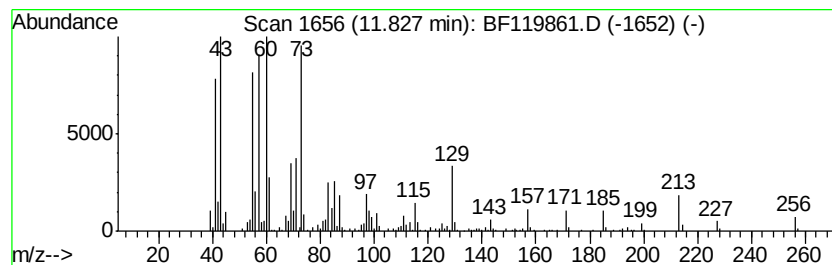
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.83	6.26 ng	598721	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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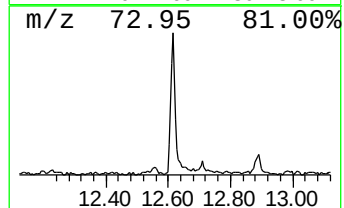
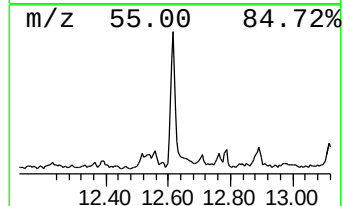
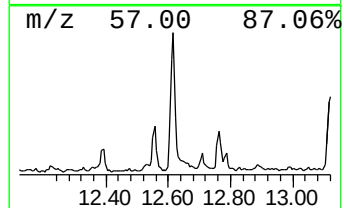
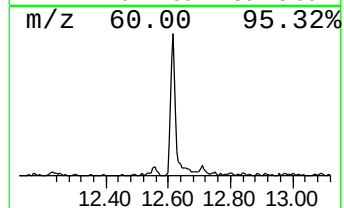
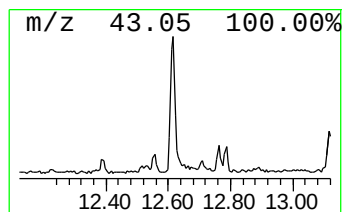
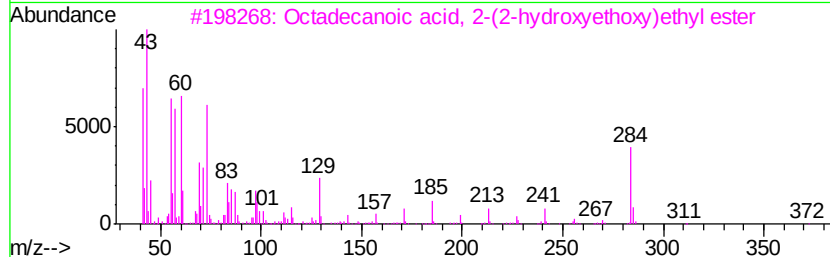
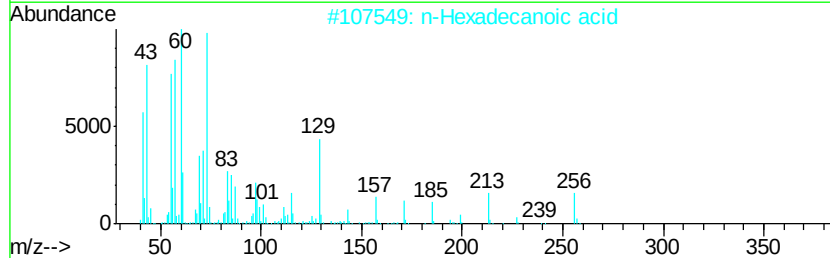
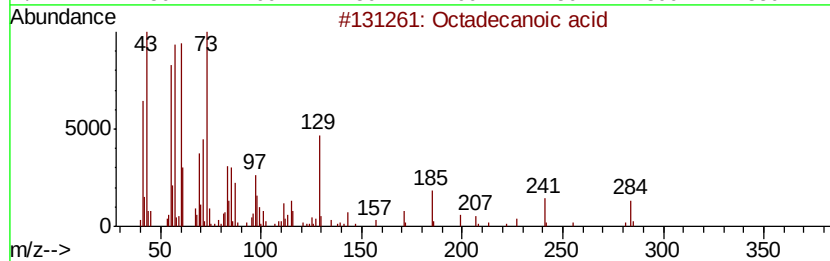
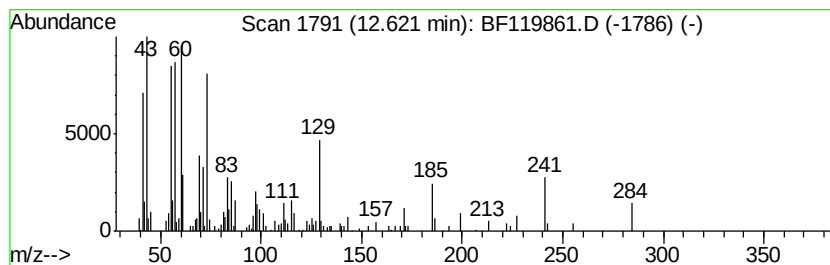
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	5.18 ng	407108	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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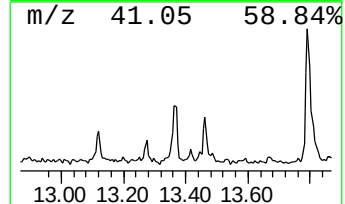
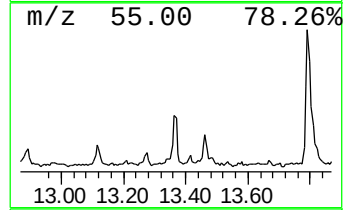
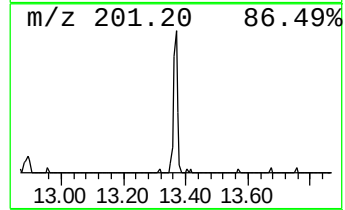
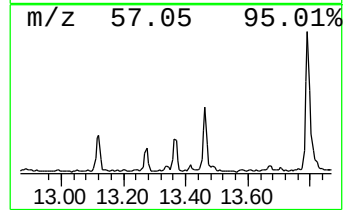
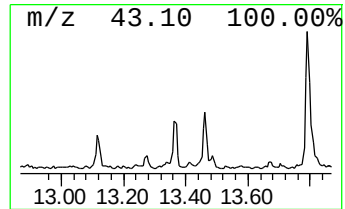
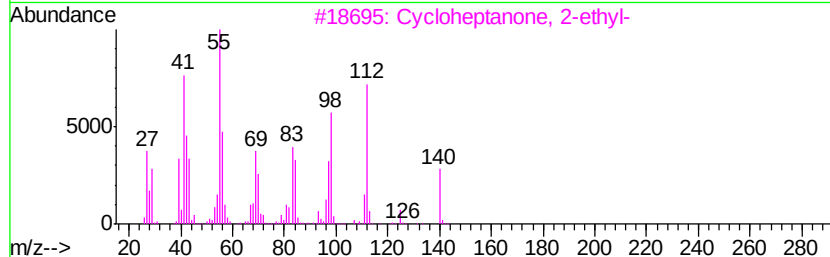
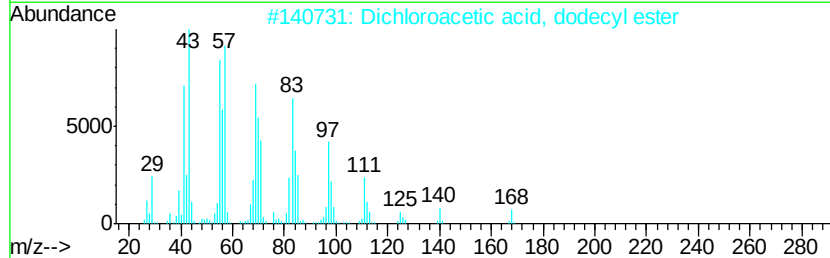
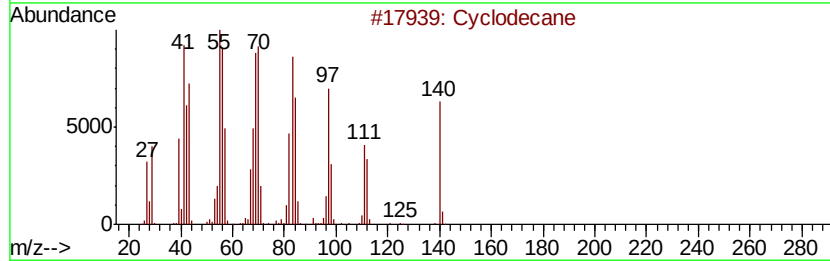
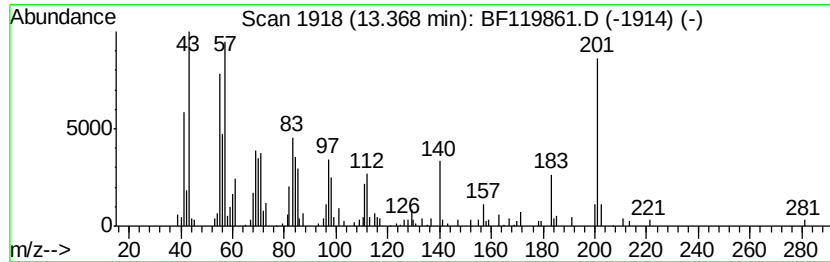
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Peak Number 4 Cyclodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.13 ng	167049	Chrysene-d12	13.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclodecane	140 C10H20	000293-96-9 64
2		Dichloroacetic acid, dodecyl ester	296 C14H26Cl2O2	083005-01-0 41
3		Cycloheptanone, 2-ethyl-	140 C9H16O	003183-41-3 38
4		1-Dodecanethiol	202 C12H26S	000112-55-0 35
5		Dichloroacetic acid, tetradecyl ...	324 C16H30Cl2O2	083005-02-1 30



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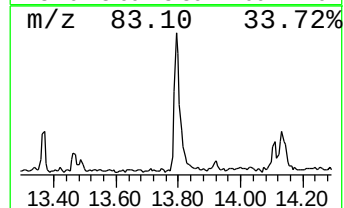
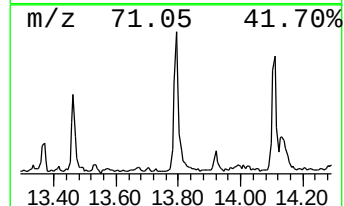
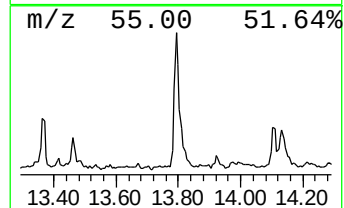
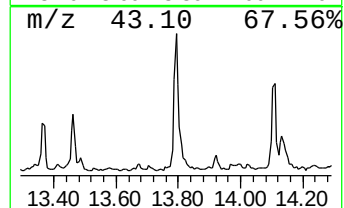
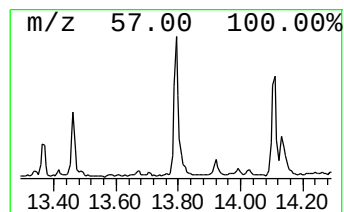
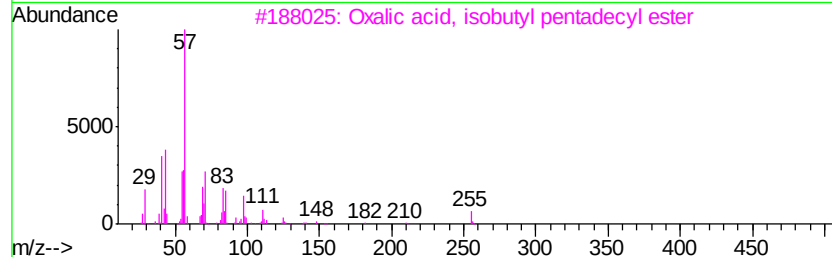
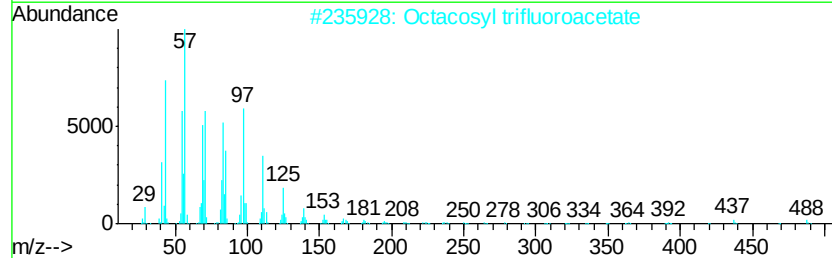
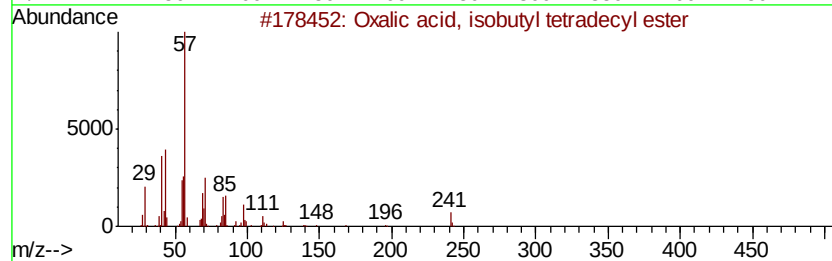
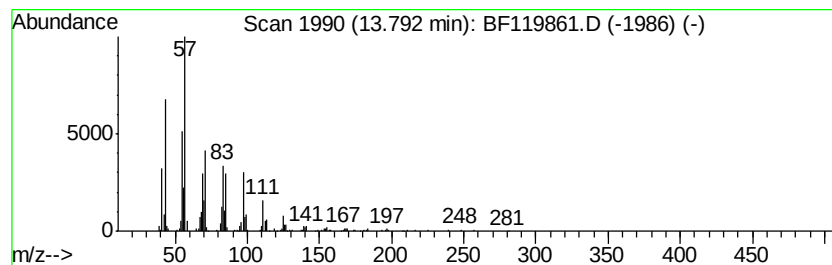
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Peak Number 5 Oxalic acid, isobutyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.75 ng	451778	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4		Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	90
5		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	90



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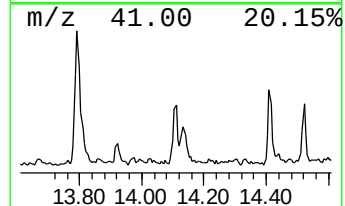
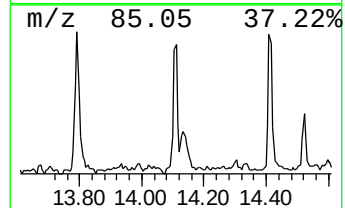
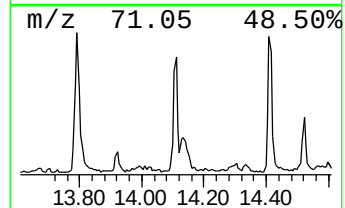
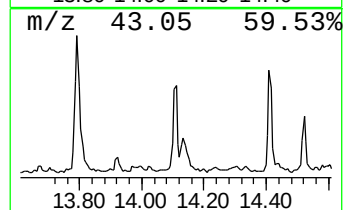
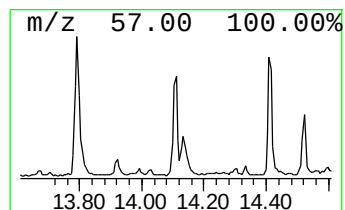
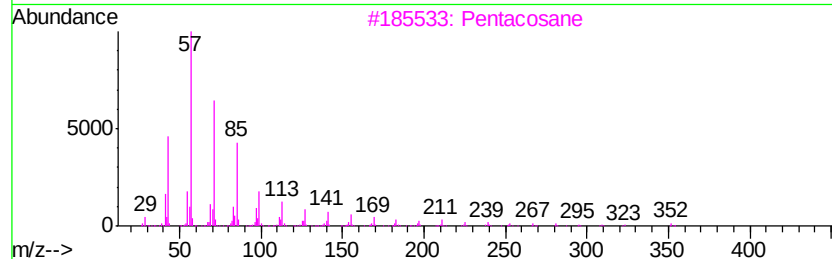
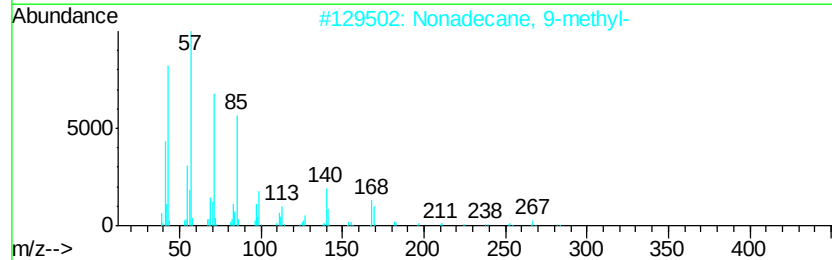
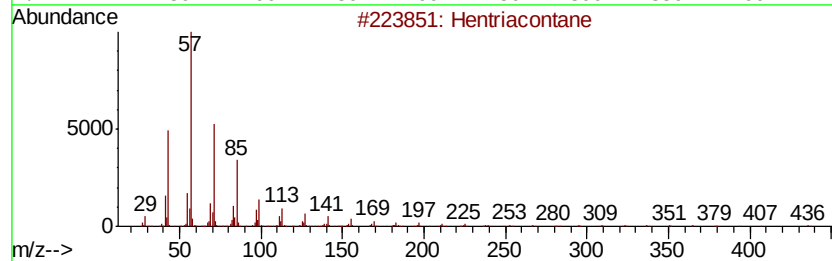
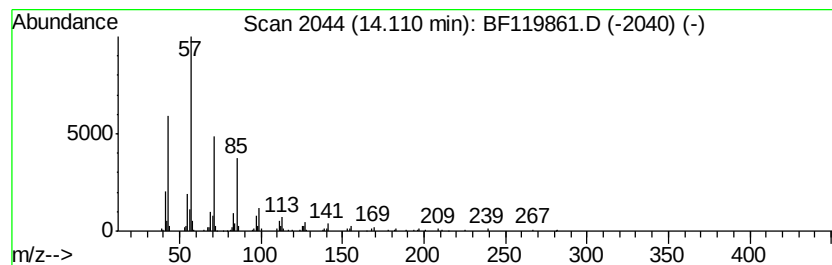
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Peak Number 6 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.36 ng	185342	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	90
3	Pentacosane		352	C25H52	000629-99-2	90
4	Octacosane		394	C28H58	000630-02-4	87
5	Hexatriacontane		507	C36H74	000630-06-8	87



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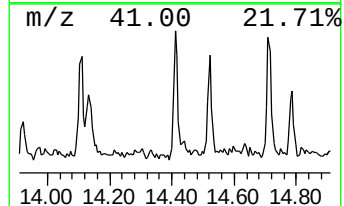
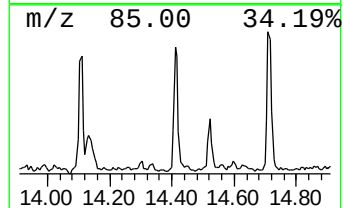
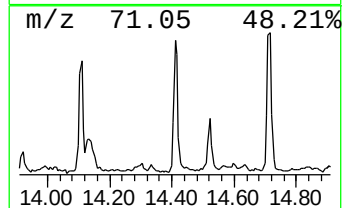
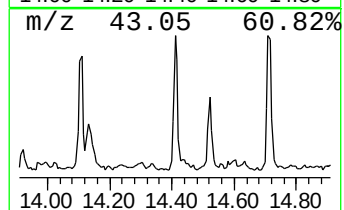
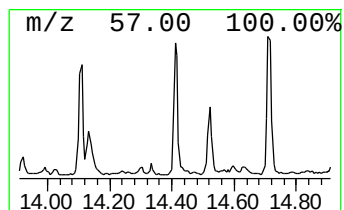
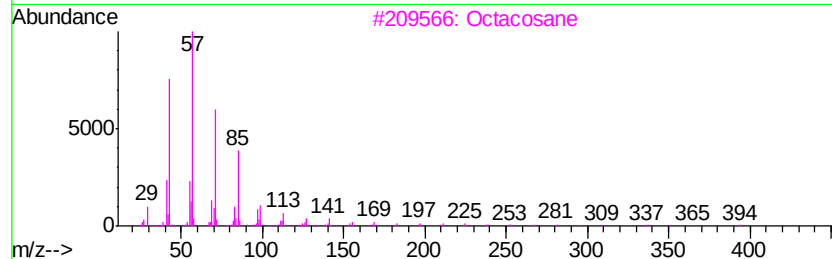
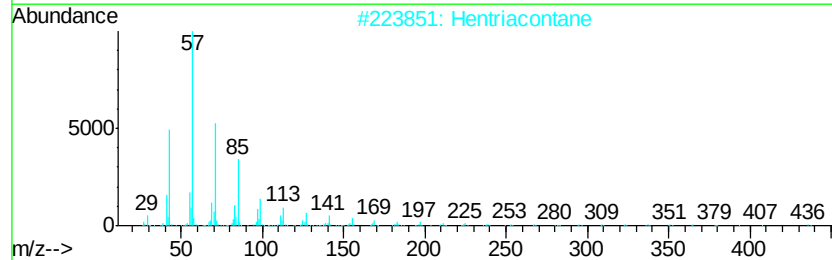
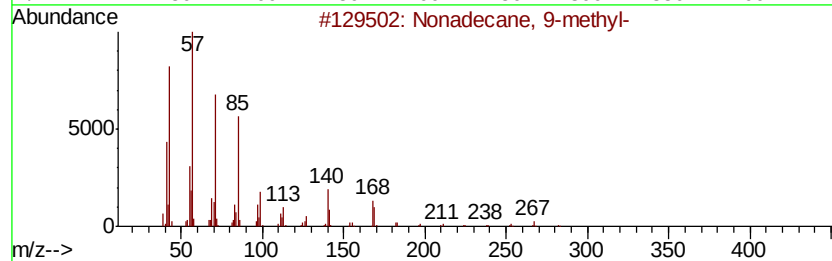
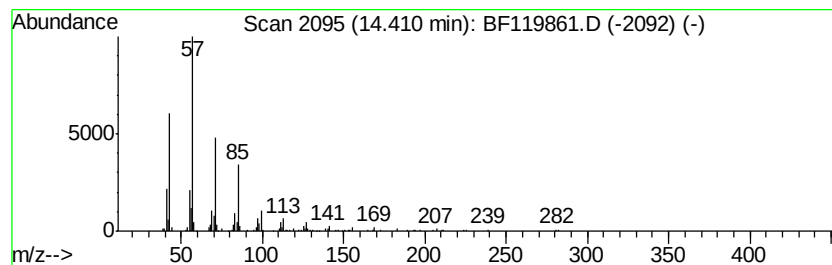
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.82 ng	221768	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-			282	C20H42	013287-24-6	93
2	Hentriacontane			437	C31H64	000630-04-6	91
3	Octacosane			394	C28H58	000630-02-4	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\BF040820\
Data File : BF119861.D
Acq On : 9 Apr 2020 8:33
Operator : MA/SJ
Sample : L2151-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-J

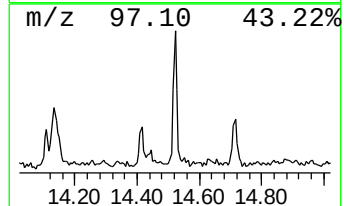
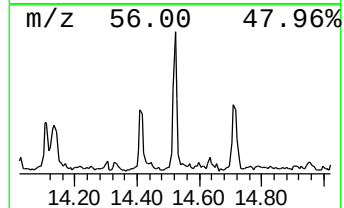
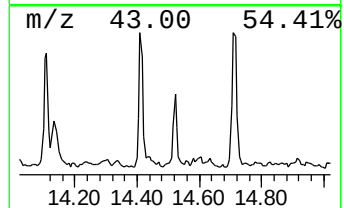
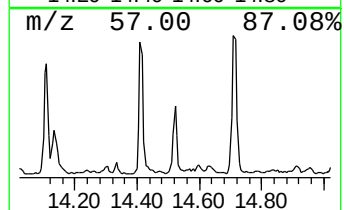
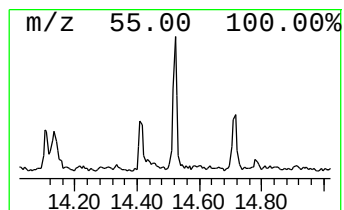
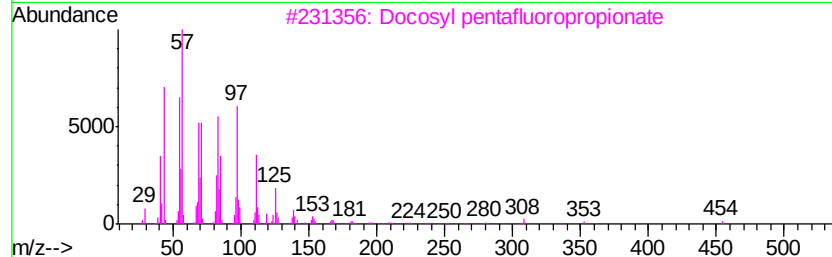
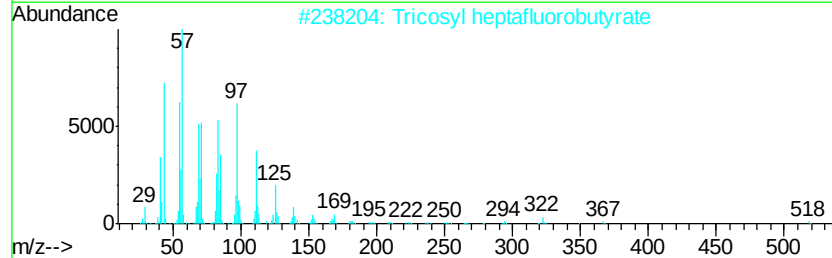
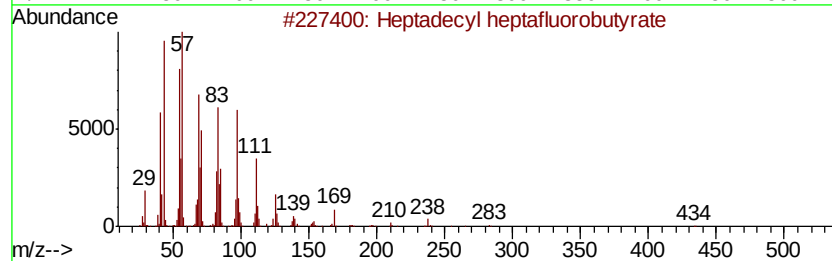
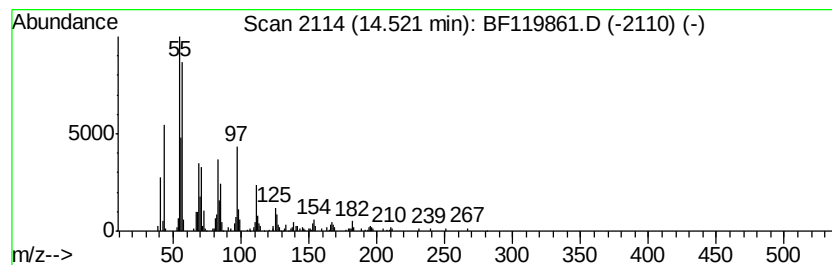
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.47 ng	193829	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl	heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Tricosyl	heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	81
3	Docosyl	pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81
4	Tricosyl	trifluoroacetate	436	C25H47F3O2	1000351-75-1	80
5	Heptadecyl	trifluoroacetate	352	C19H35F3O2	1000351-87-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119861.D
Acq On : 9 Apr 2020 8:33
Operator : MA/SJ
Sample : L2151-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-J

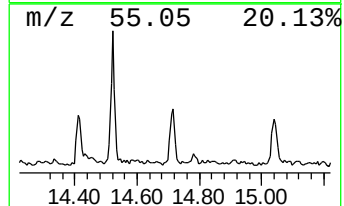
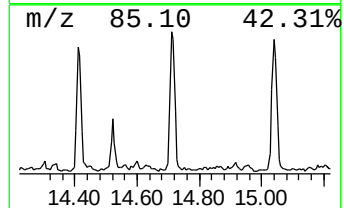
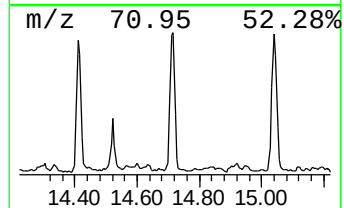
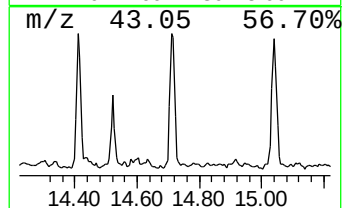
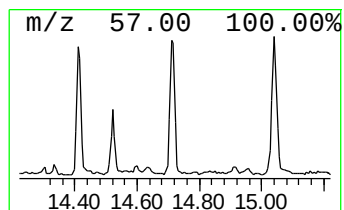
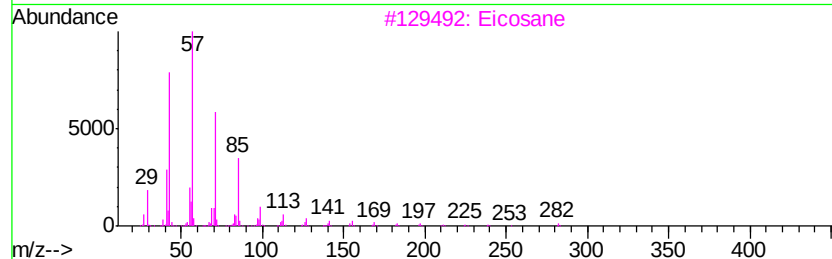
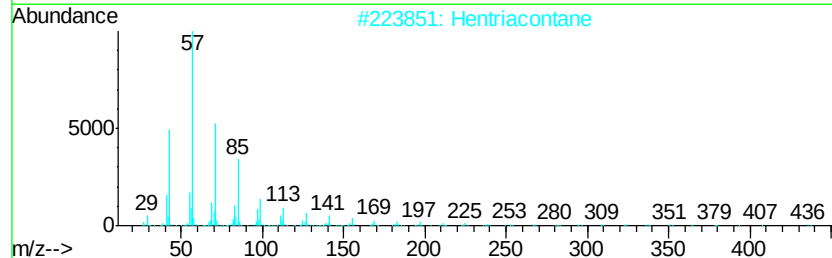
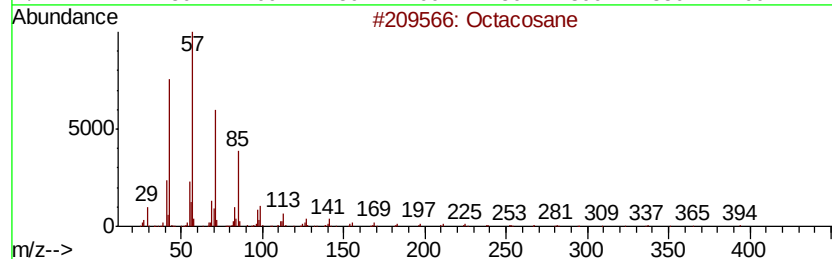
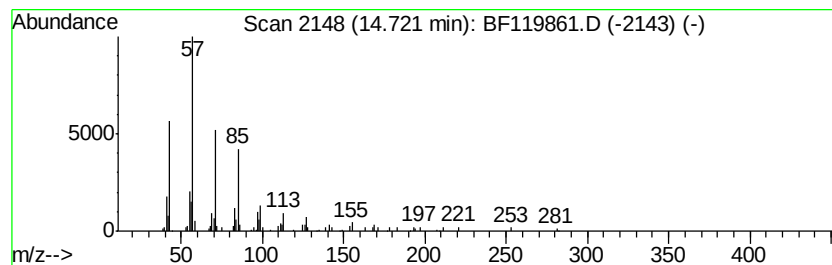
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.90 ng	233217	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119861.D
Acq On : 9 Apr 2020 8:33
Operator : MA/SJ
Sample : L2151-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

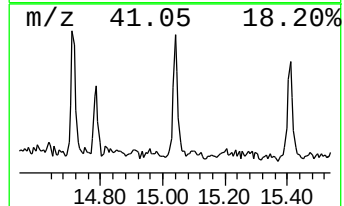
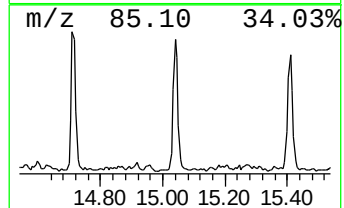
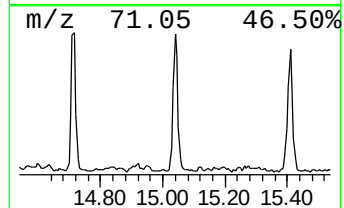
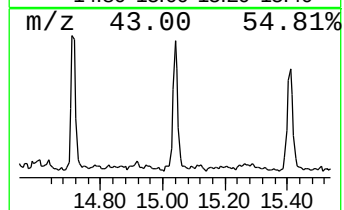
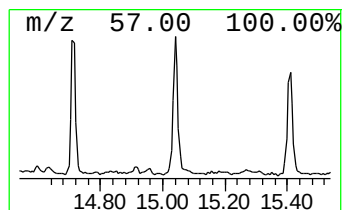
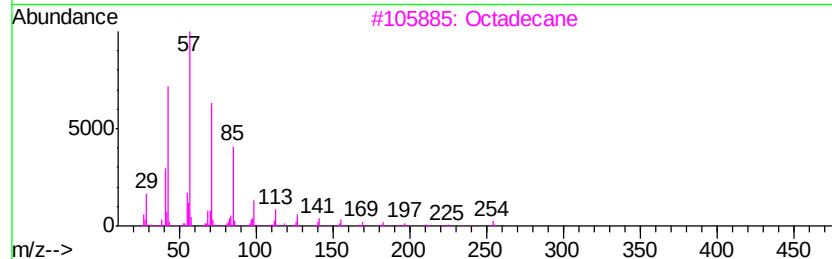
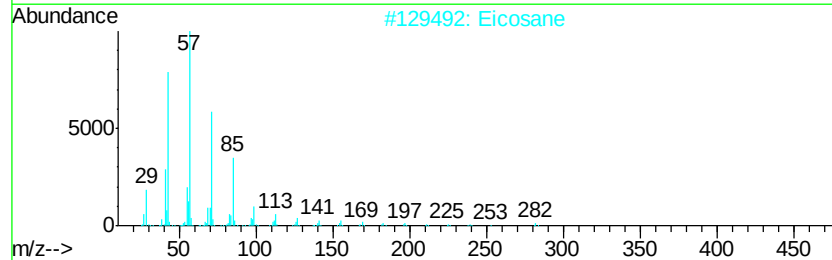
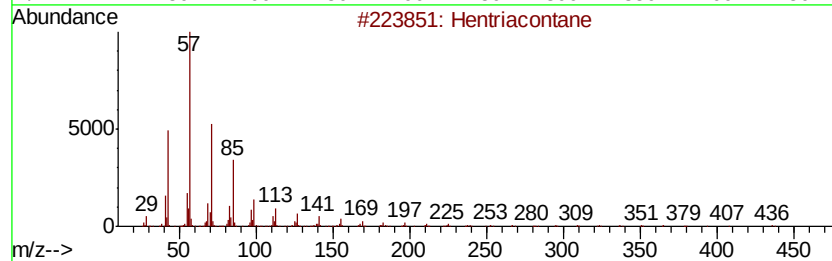
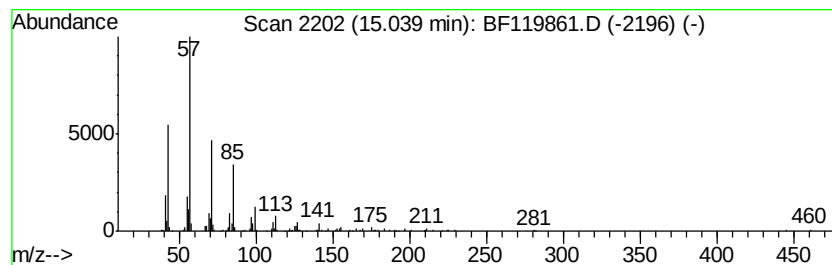
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.04	4.99 ng	298616	Perylene-d12		15.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119861.D
Acq On : 9 Apr 2020 8:33
Operator : MA/SJ
Sample : L2151-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

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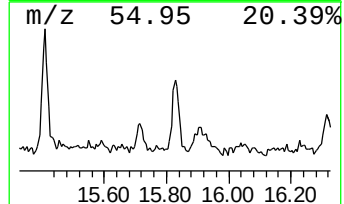
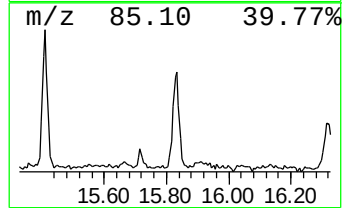
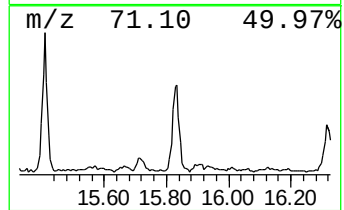
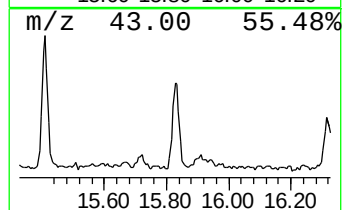
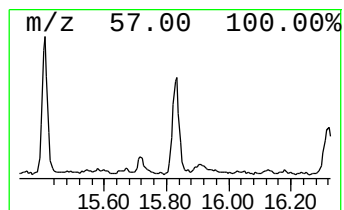
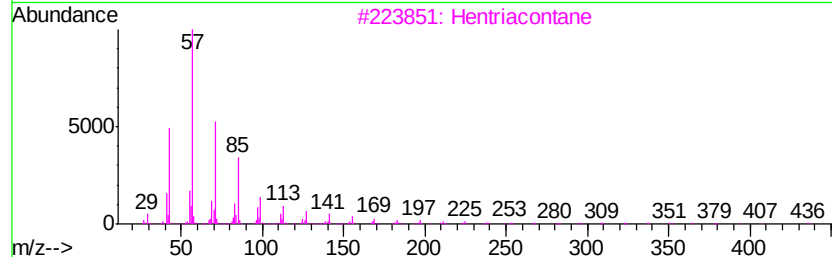
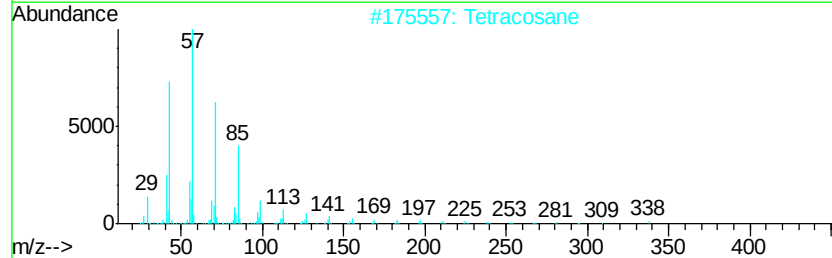
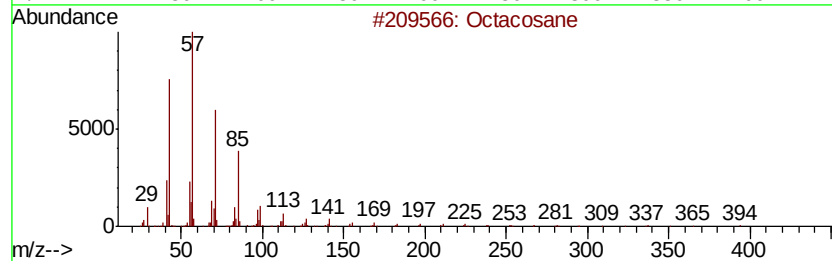
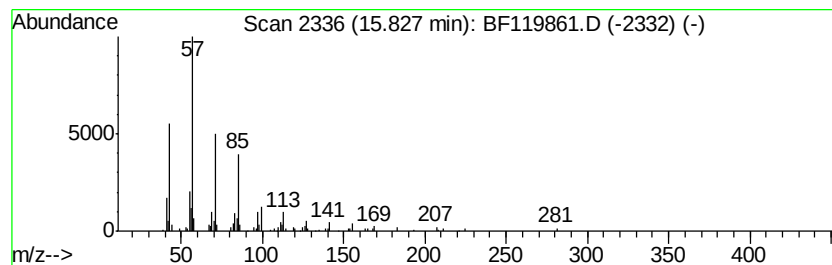
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.93 ng	175465	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
Data File : BF119861.D
Acq On : 9 Apr 2020 8:33
Operator : MA/SJ
Sample : L2151-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	11.83	6.3 ng		598721	4	11.29	1913480	20.0
Octadecanoic acid	12.62	5.2 ng		407108	5	13.93	1571380	20.0
Cyclodecane	13.37	2.1 ng		167049	5	13.93	1571380	20.0
Oxalic acid, isob...	13.79	5.8 ng		451778	5	13.93	1571380	20.0
Hentriacontane	14.11	2.4 ng		185342	5	13.93	1571380	20.0
Nonadecane, 9-met...	14.41	2.8 ng		221768	5	13.93	1571380	20.0
Heptadecyl heptaf...	14.52	2.5 ng		193829	5	13.93	1571380	20.0
Octacosane	14.72	3.9 ng		233217	6	15.37	1196110	20.0
Eicosane	15.04	5.0 ng		298616	6	15.37	1196110	20.0
Tetracosane	15.83	2.9 ng		175465	6	15.37	1196110	20.0