

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119796.D
 Acq On : 7 Apr 2020 3:07
 Operator : MA/SJ
 Sample : L2135-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)

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	4.998	491	495	502	rVB	58815	80172	1.39%	0.182%
2	5.393	557	562	565	rBV	4648891	5094579	88.47%	11.576%
3	6.416	730	736	739	rBV	4342187	5068337	88.01%	11.517%
4	6.781	794	798	801	rBV	1313409	1029615	17.88%	2.340%
5	6.845	805	809	820	rBV	108740	109658	1.90%	0.249%
6	6.939	820	825	828	rBV	4532434	3981849	69.15%	9.048%
7	7.345	888	894	897	rBV	3383013	3334950	57.91%	7.578%
8	8.069	1012	1017	1020	rBV	1423812	1347786	23.41%	3.063%
9	9.145	1194	1200	1203	rBV	5789630	5758512	100.00%	13.085%
10	9.539	1262	1267	1270	rBV	810156	621295	10.79%	1.412%
11	9.822	1310	1315	1319	rBV	1620877	1517660	26.36%	3.449%
12	10.616	1444	1450	1453	rBV	4207828	3860043	67.03%	8.771%
13	11.310	1564	1568	1572	rBV	1891641	1578306	27.41%	3.586%
14	11.845	1655	1659	1671	rBV2	432903	441357	7.66%	1.003%
15	12.627	1789	1792	1803	rBV	257338	280942	4.88%	0.638%
16	12.904	1834	1839	1842	rBV	5834346	5604914	97.33%	12.736%
17	13.386	1912	1921	1926	rVB	175246	172759	3.00%	0.393%
18	13.480	1934	1937	1939	rBV	84316	61676	1.07%	0.140%
19	13.810	1989	1993	2003	rBV2	146525	185670	3.22%	0.422%
20	13.951	2013	2017	2021	rBV	1618950	1372416	23.83%	3.119%
21	14.127	2042	2047	2050	rBV	183225	159955	2.78%	0.363%
22	14.433	2095	2099	2102	rBV	193219	185714	3.23%	0.422%
23	14.733	2147	2150	2154	rVB	230302	212972	3.70%	0.484%
24	15.063	2202	2206	2215	rVB	201820	218477	3.79%	0.496%
25	15.398	2257	2263	2267	rBV	1073882	1288293	22.37%	2.927%
26	15.439	2267	2270	2274	rVB	156100	180382	3.13%	0.410%
27	15.862	2336	2342	2348	rBV	101159	162646	2.82%	0.370%
28	16.357	2420	2426	2434	rVB3	56325	97831	1.70%	0.222%

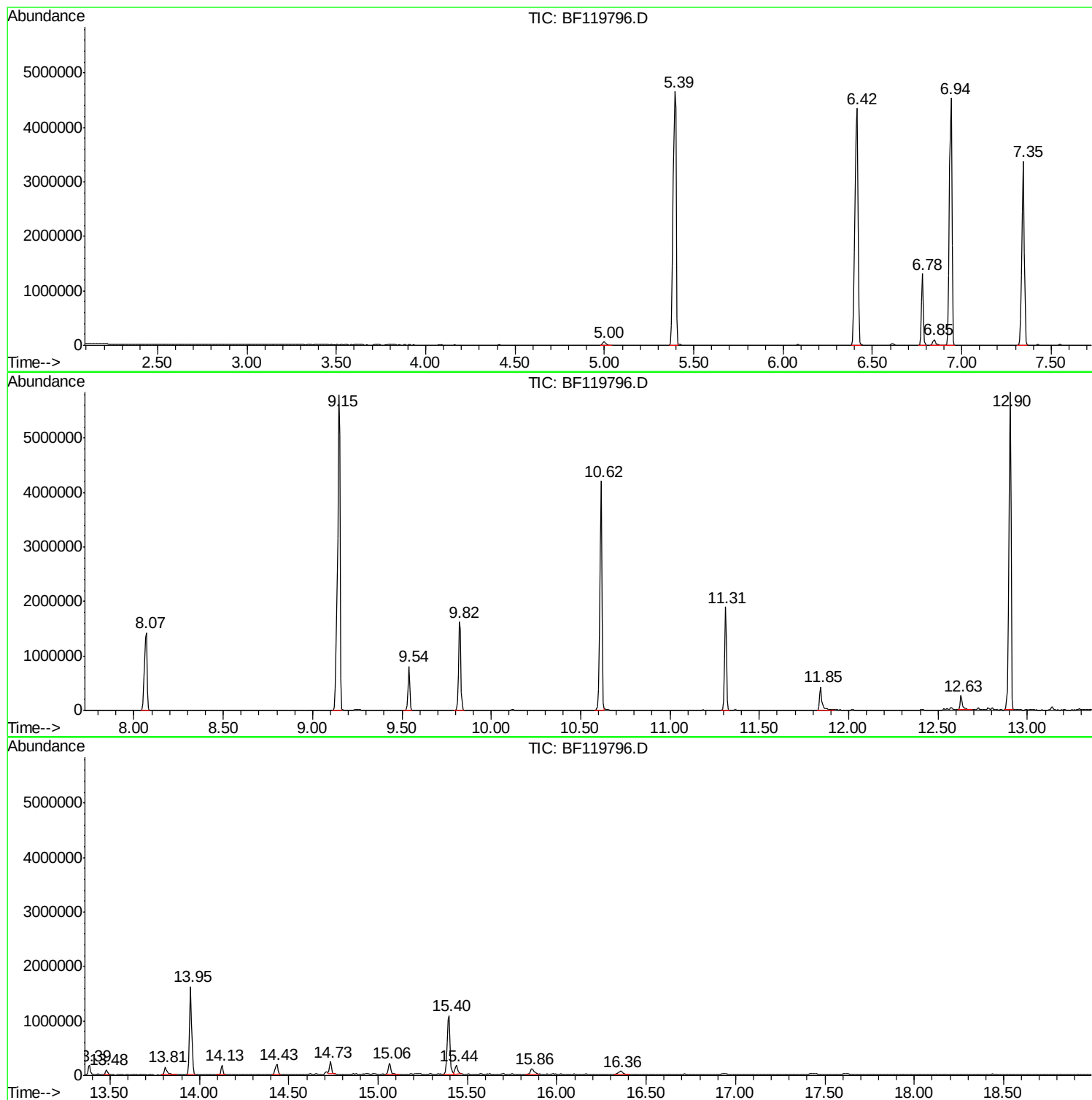
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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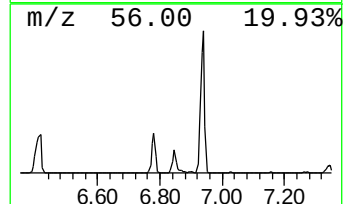
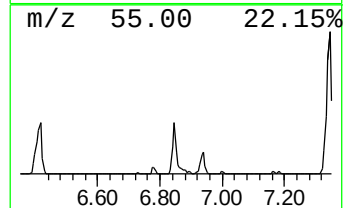
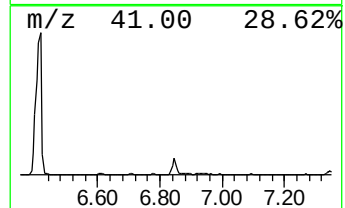
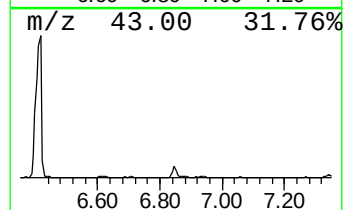
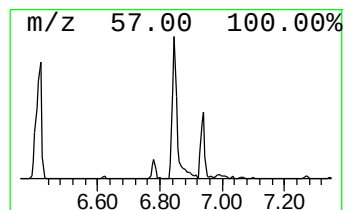
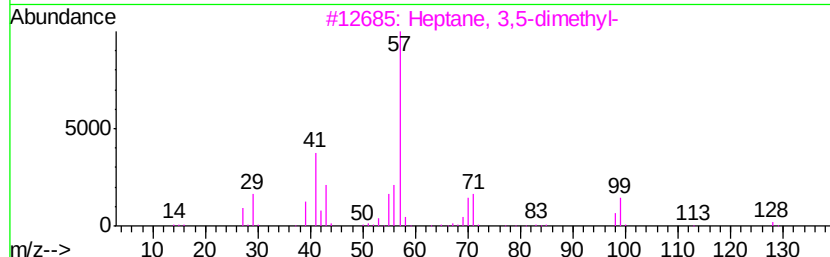
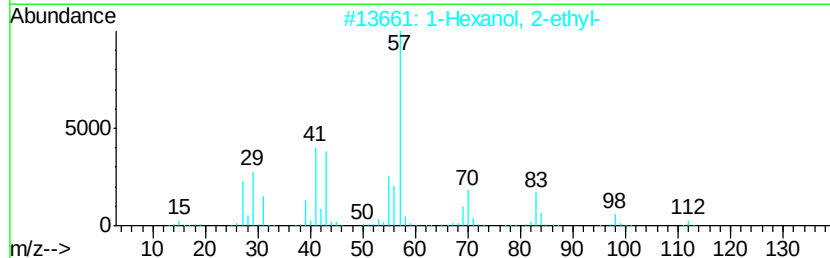
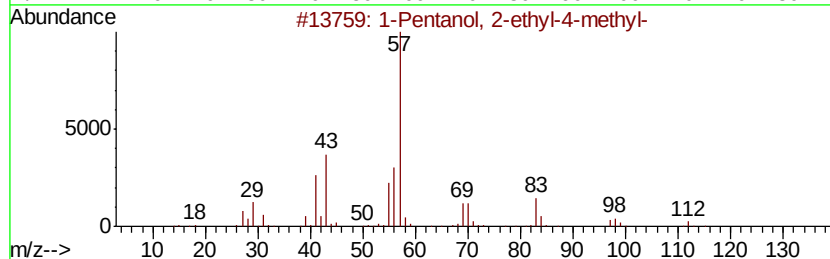
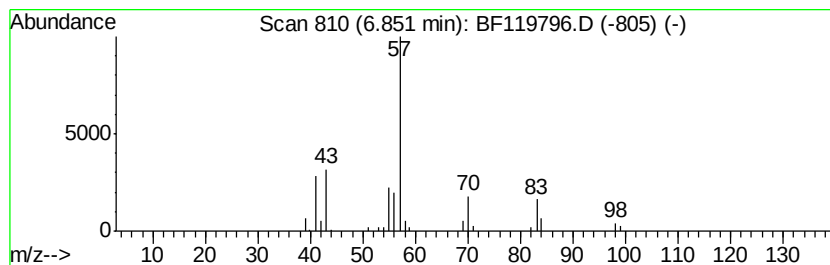
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.13 ng	109658	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
4			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	45



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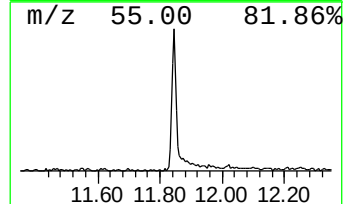
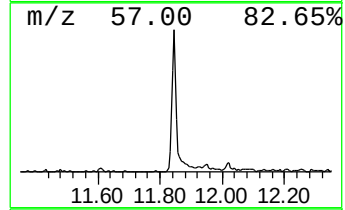
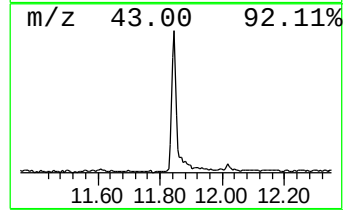
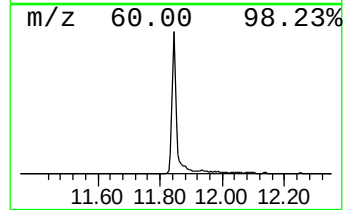
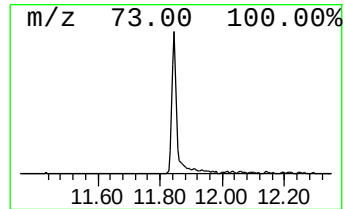
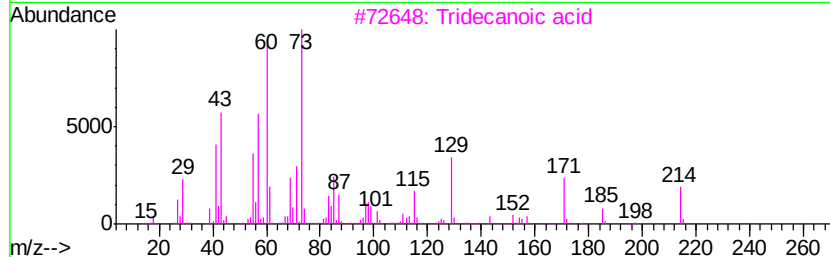
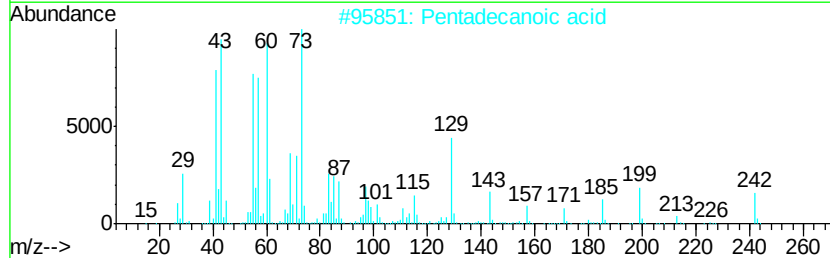
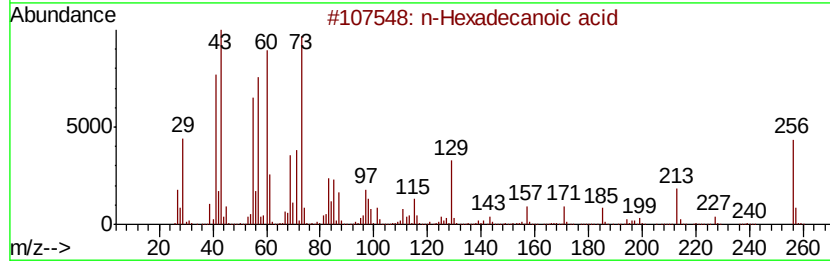
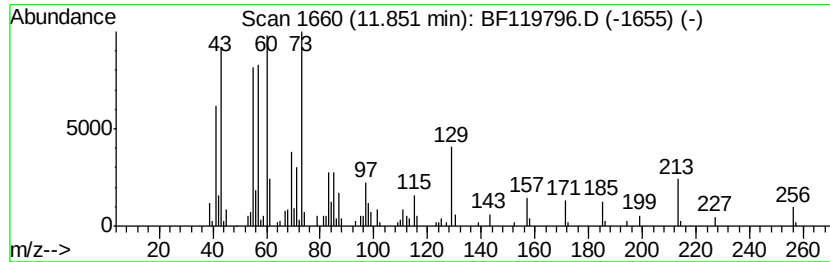
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	5.59 ng	441357	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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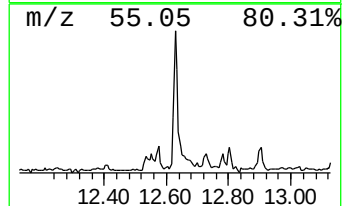
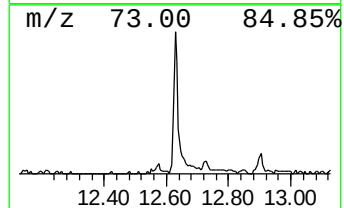
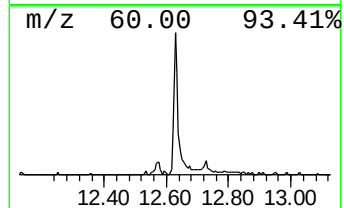
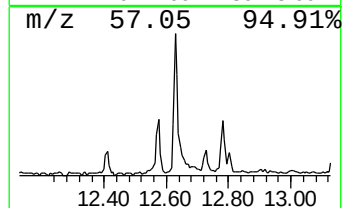
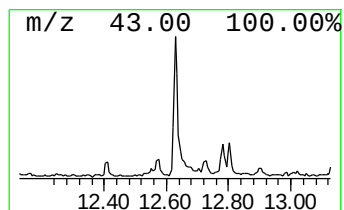
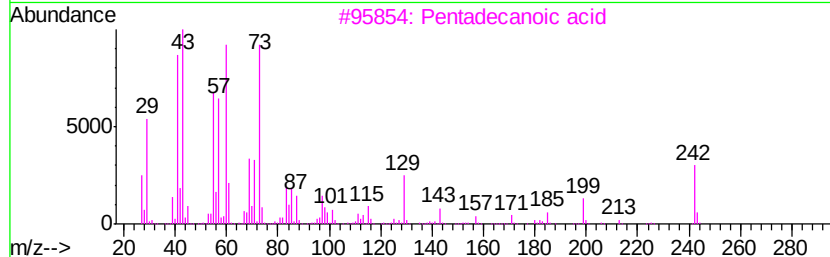
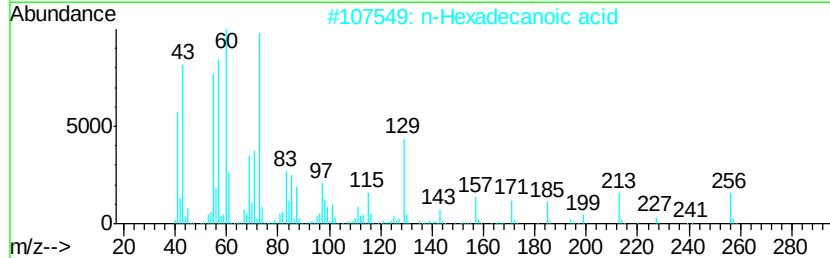
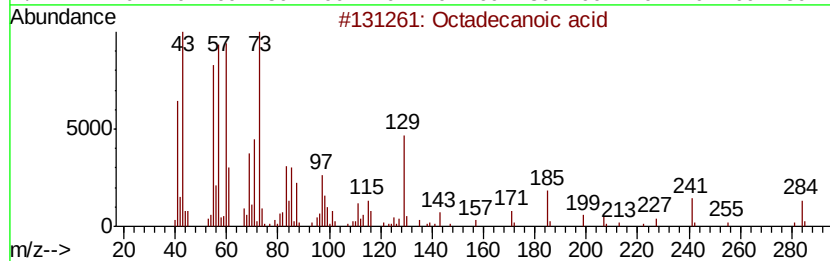
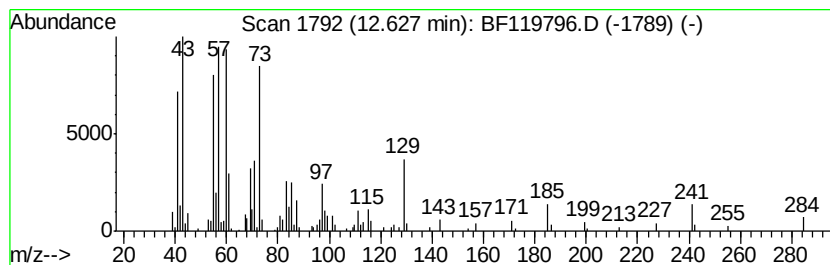
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.56 ng	280942	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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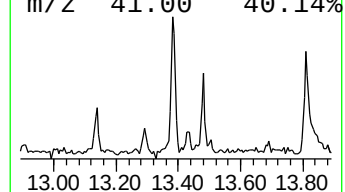
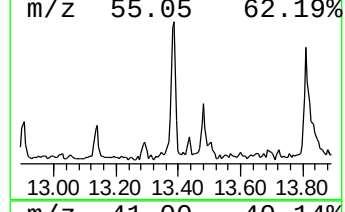
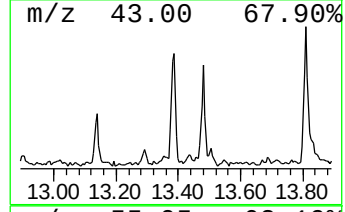
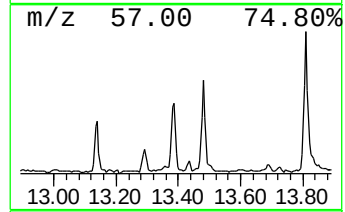
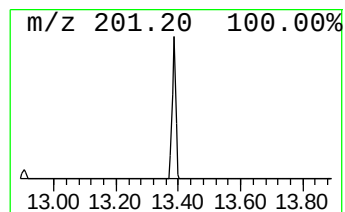
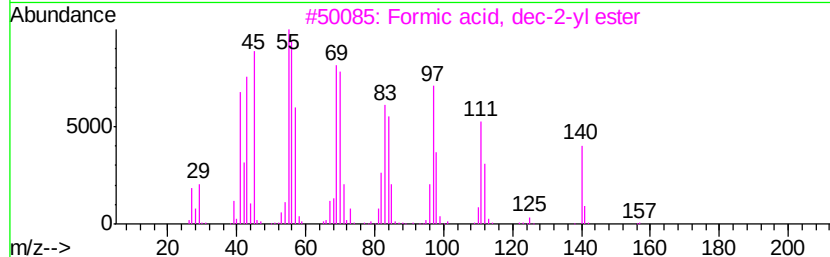
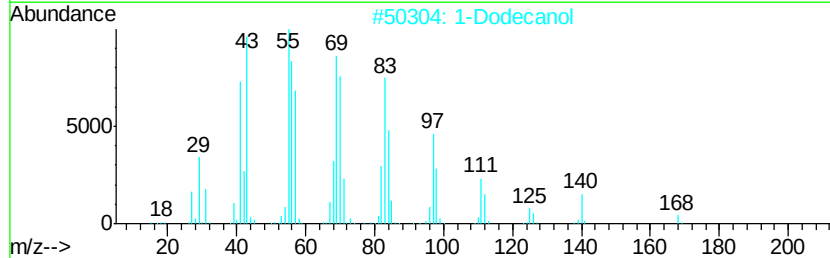
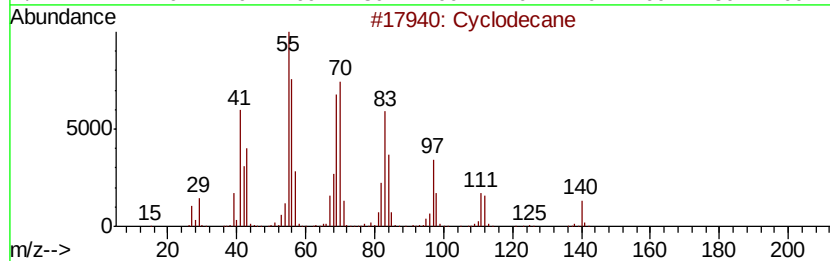
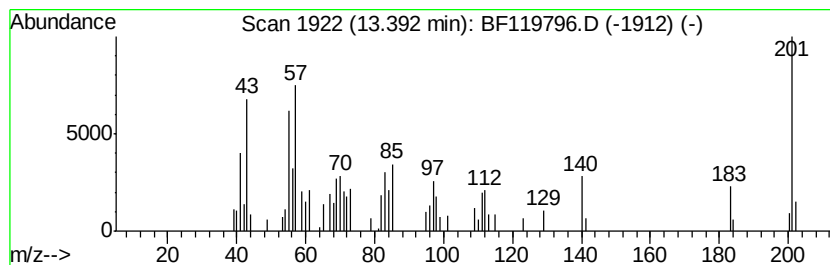
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Peak Number 5 Cyclodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	2.52 ng	172759	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	81
2	1-Dodecanol	186	C12H26O	000112-53-8	35
3	Formic acid, dec-2-yl ester	186	C11H22O2	1000367-89-5	30
4	5-Bromovaleric acid, decyl ester	320	C15H29BrO2	175083-30-4	27
5	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	27



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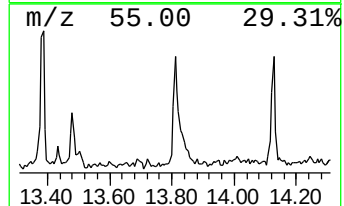
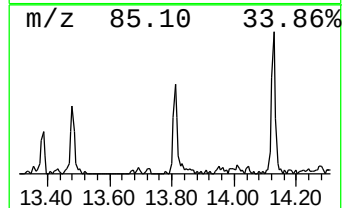
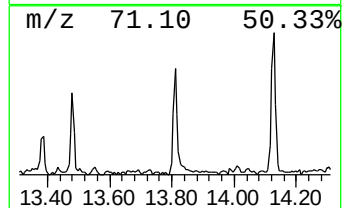
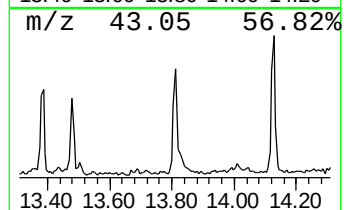
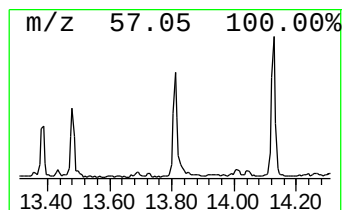
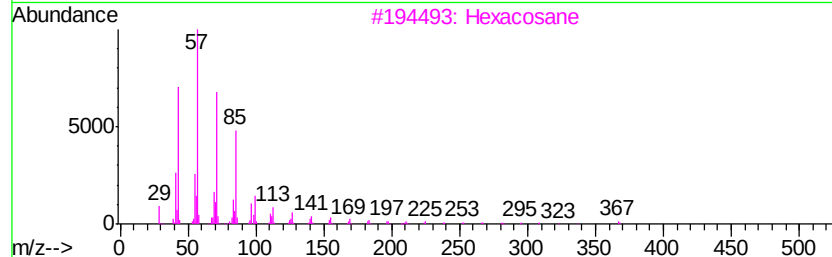
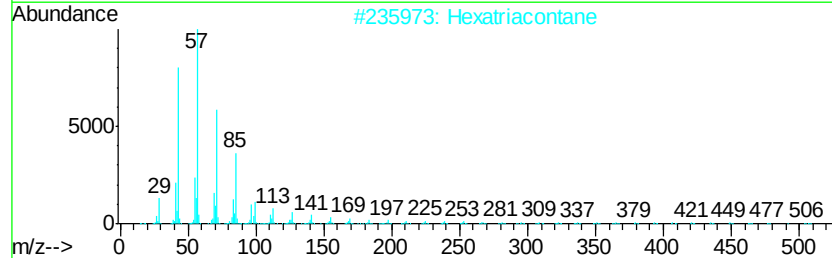
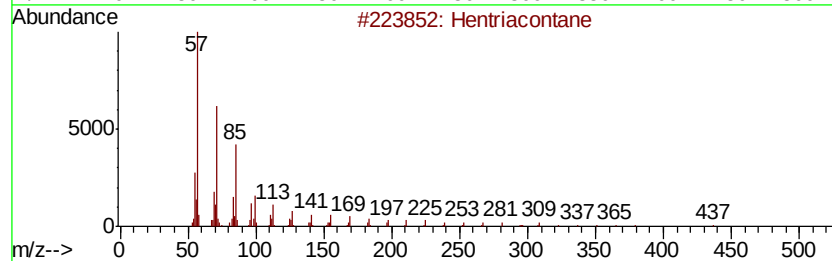
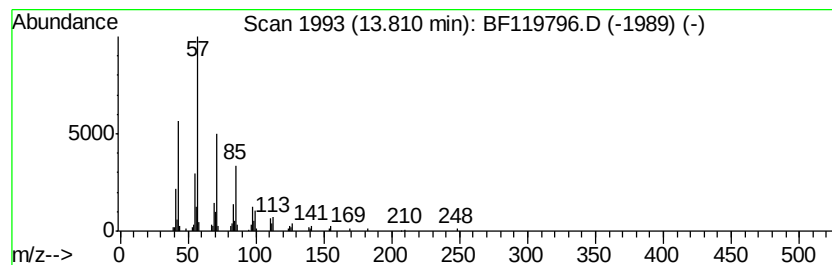
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.71 ng	185670	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	87
2	Hexatriacontane		507	C36H74	000630-06-8	87
3	Hexacosane		366	C26H54	000630-01-3	87
4	Tritetracontane		605	C43H88	007098-21-7	87
5	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	87



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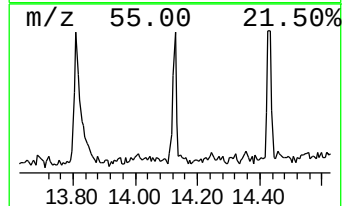
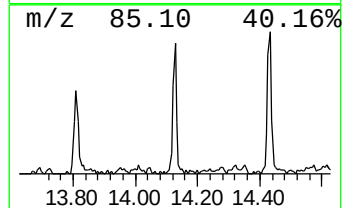
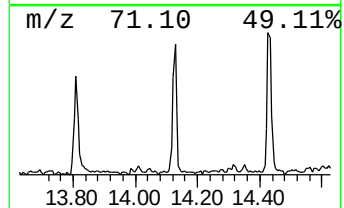
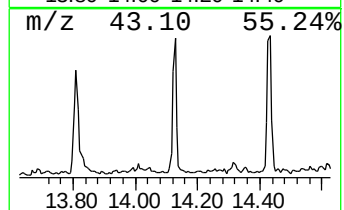
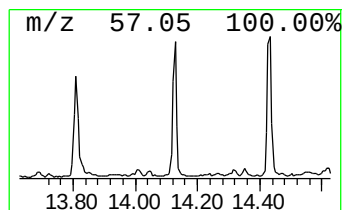
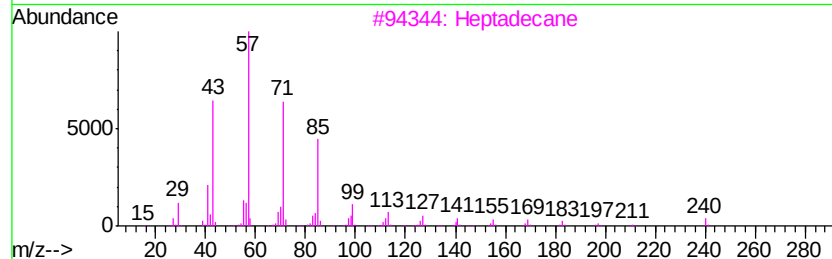
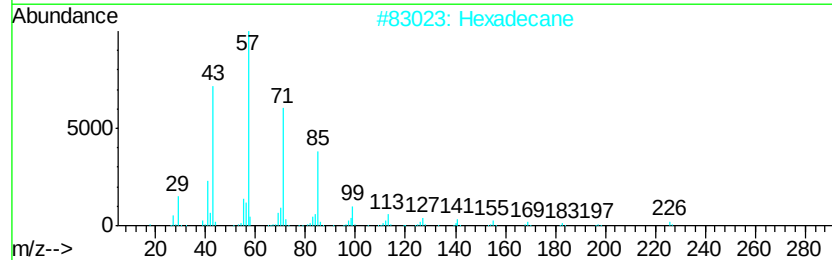
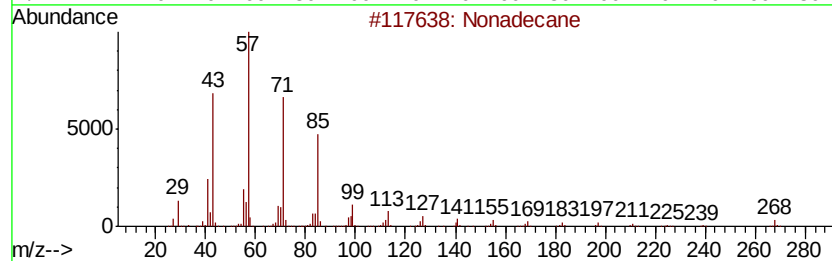
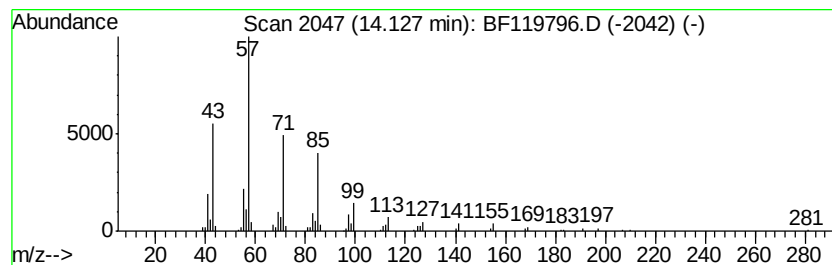
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.33 ng	159955	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119796.D
Acq On : 7 Apr 2020 3:07
Operator : MA/SJ
Sample : L2135-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)

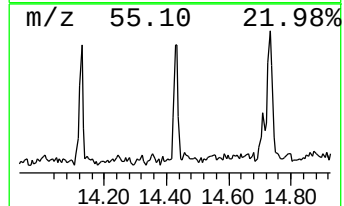
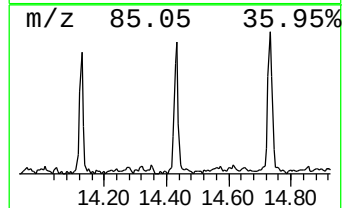
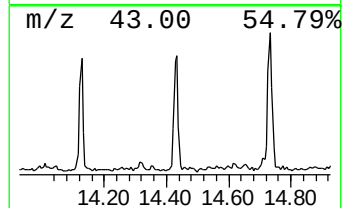
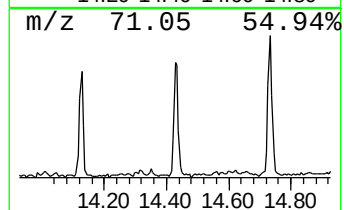
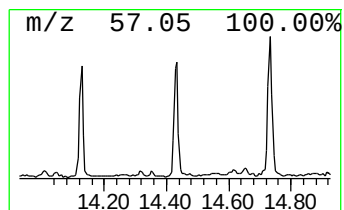
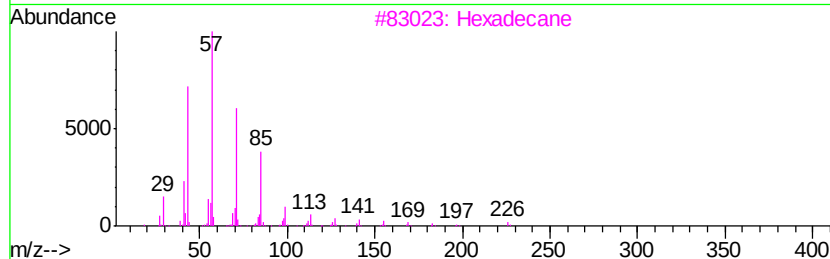
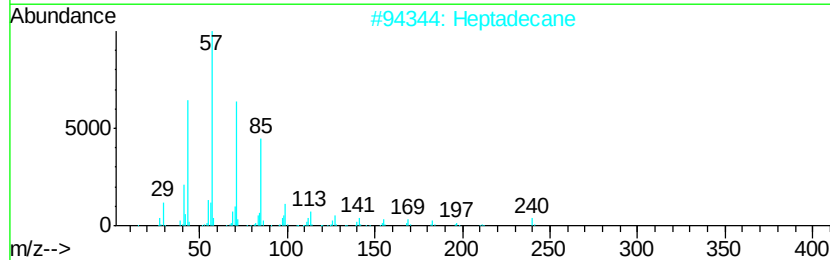
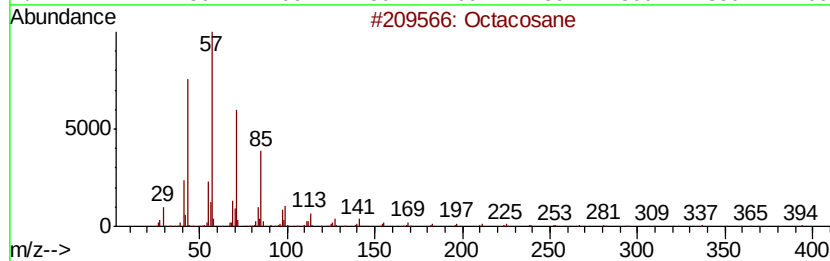
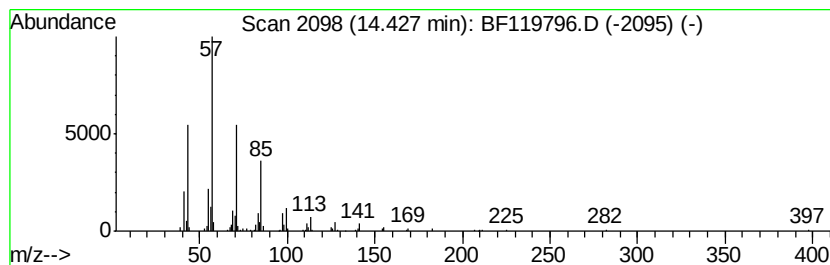
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.71 ng	185714	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119796.D
Acq On : 7 Apr 2020 3:07
Operator : MA/SJ
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ClientSampleId :
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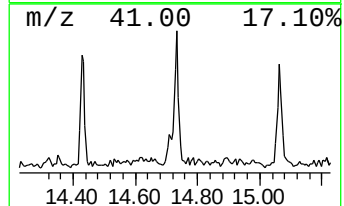
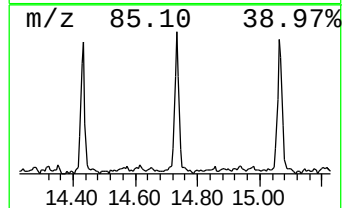
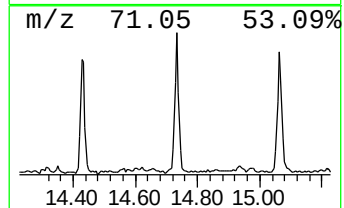
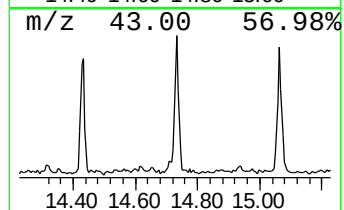
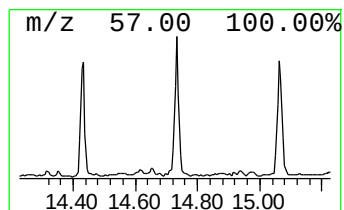
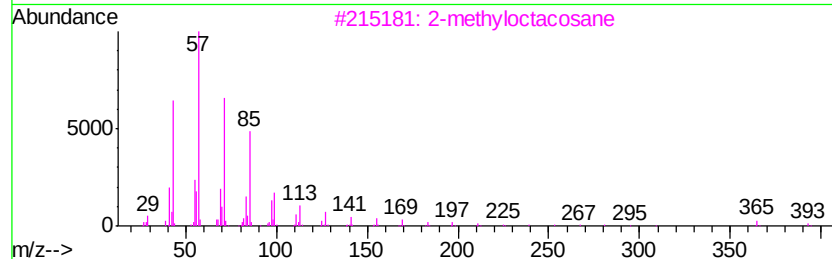
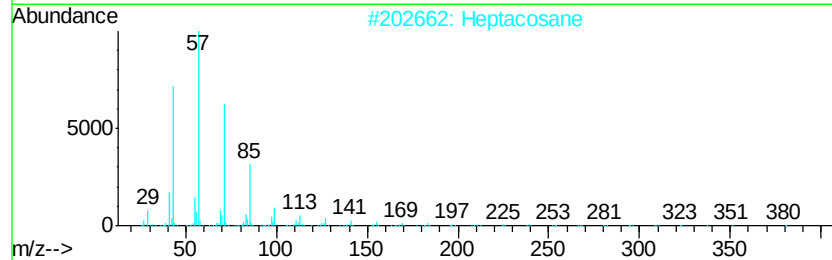
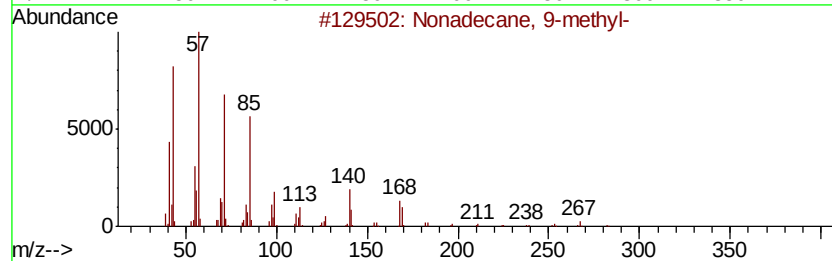
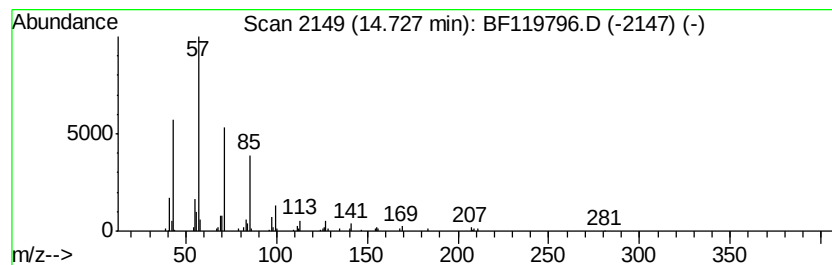
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.31 ng	212972	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119796.D
Acq On : 7 Apr 2020 3:07
Operator : MA/SJ
Sample : L2135-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)

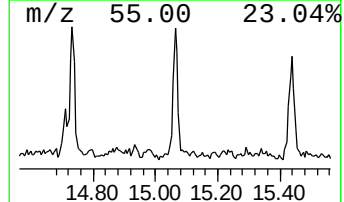
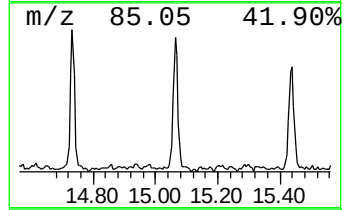
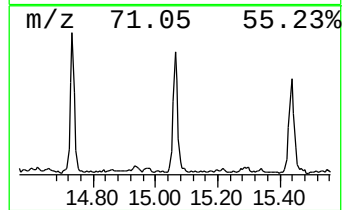
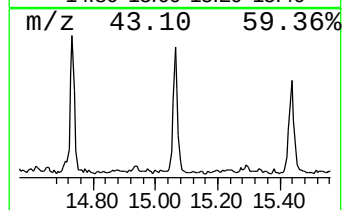
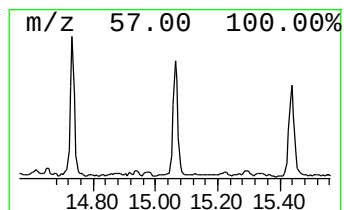
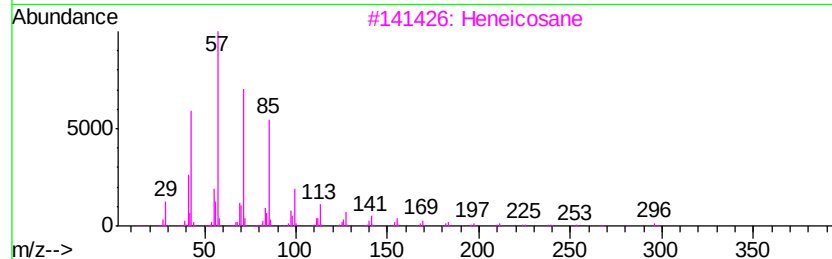
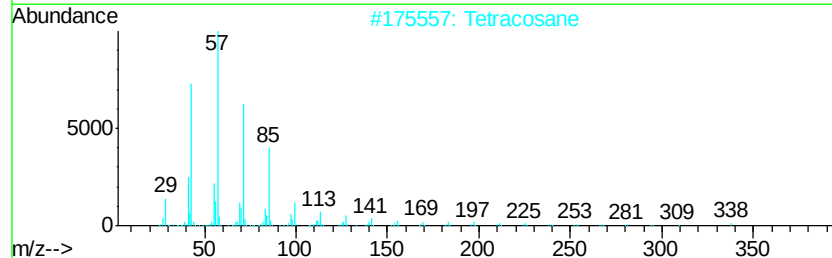
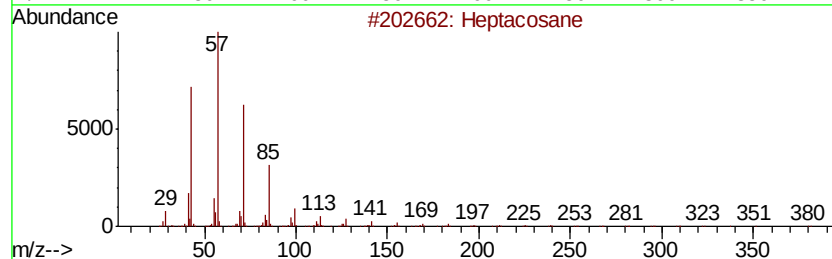
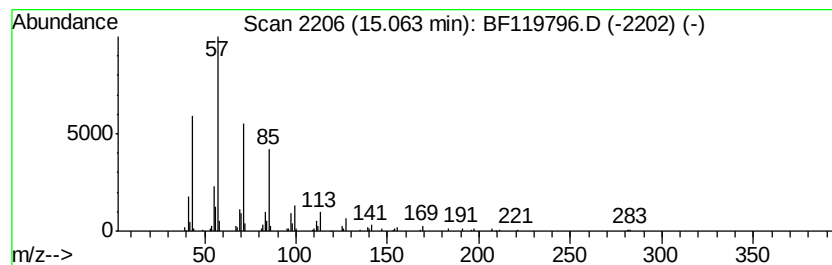
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.39 ng	218477	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119796.D
Acq On : 7 Apr 2020 3:07
Operator : MA/SJ
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Misc :
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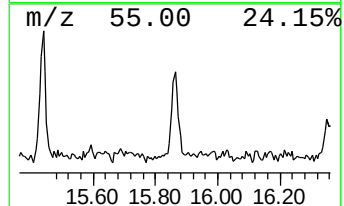
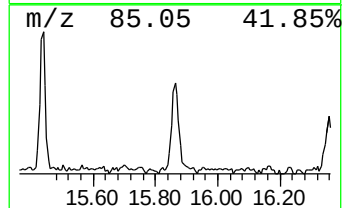
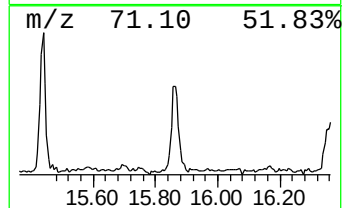
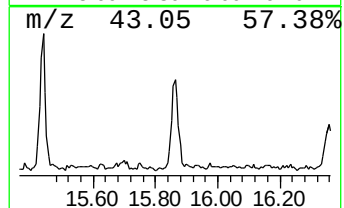
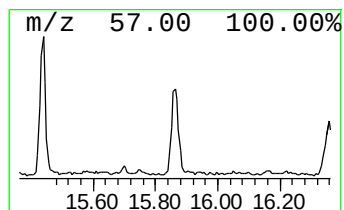
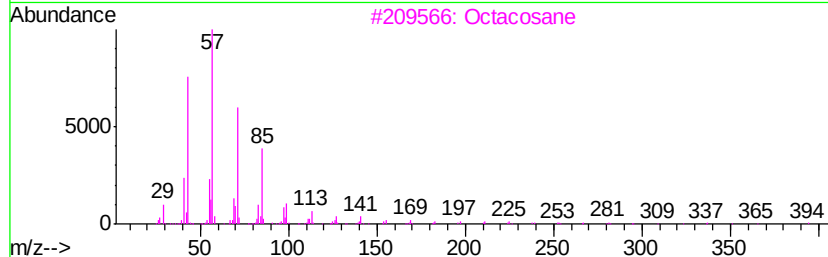
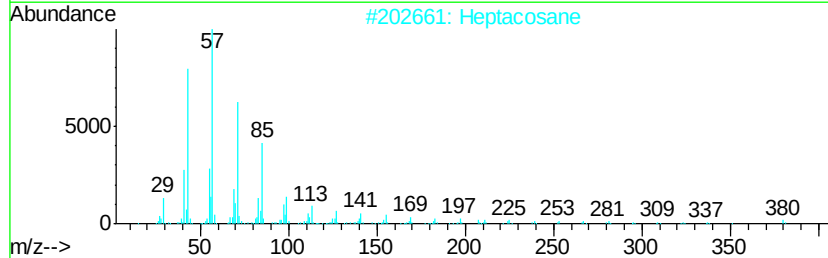
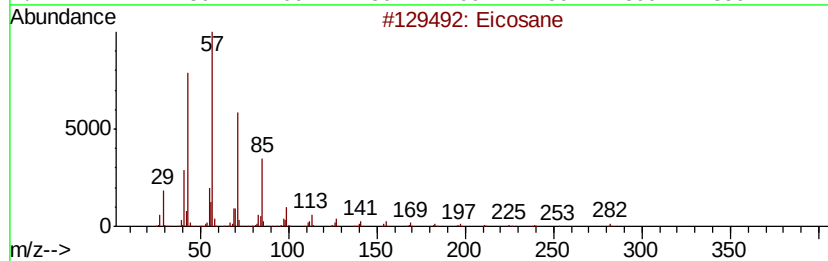
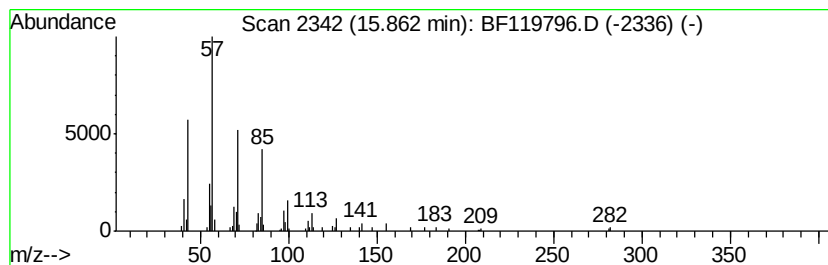
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.52 ng	162646	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
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 Acq On : 7 Apr 2020 3:07
 Operator : MA/SJ
 Sample : L2135-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 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
1-Pentanol, 2-eth...	6.85	2.1 ng		109658	1	6.78	1029620	20.0
n-Hexadecanoic acid	11.85	5.6 ng		441357	4	11.31	1578310	20.0
Octadecanoic acid	12.63	3.6 ng		280942	4	11.31	1578310	20.0
Cyclodecane	13.39	2.5 ng		172759	5	13.95	1372420	20.0
Hentriacontane	13.81	2.7 ng		185670	5	13.95	1372420	20.0
Nonadecane	14.13	2.3 ng		159955	5	13.95	1372420	20.0
Octacosane	14.43	2.7 ng		185714	5	13.95	1372420	20.0
Nonadecane, 9-met...	14.73	3.3 ng		212972	6	15.40	1288290	20.0
Heptacosane	15.06	3.4 ng		218477	6	15.40	1288290	20.0
Eicosane	15.86	2.5 ng		162646	6	15.40	1288290	20.0