

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118717.D
 Acq On : 27 Jan 2020 13:42
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-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-BF012020.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	2.187	10	17	27	rVB	1372828	1890526	25.25%	3.018%
2	5.092	508	511	517	rVB	72354	89885	1.20%	0.143%
3	5.487	572	578	581	rBV	5612115	5518203	73.71%	8.808%
4	6.487	742	748	752	rBV	5181925	5694184	76.06%	9.089%
5	6.857	807	811	815	rBV	2149576	1770476	23.65%	2.826%
6	7.016	834	838	842	rVB	5425426	4983238	66.56%	7.954%
7	7.416	901	906	909	rBV	3674588	3729540	49.82%	5.953%
8	8.139	1024	1029	1033	rBV	2669263	2308566	30.84%	3.685%
9	8.816	1138	1144	1153	rBV	135681	185332	2.48%	0.296%
10	9.216	1206	1212	1215	rBV	8028513	7486671	100.00%	11.950%
11	9.604	1273	1278	1281	rBV	1289478	993743	13.27%	1.586%
12	9.892	1321	1327	1331	rBV	3106662	2768380	36.98%	4.419%
13	10.680	1456	1461	1464	rBV	5329592	4757615	63.55%	7.594%
14	11.374	1575	1579	1583	rBV	2960385	2707227	36.16%	4.321%
15	11.904	1666	1669	1673	rBV	630185	558854	7.46%	0.892%
16	11.939	1673	1675	1678	rVB	120324	95982	1.28%	0.153%
17	12.468	1762	1765	1768	rBV	80821	81792	1.09%	0.131%
18	12.610	1787	1789	1799	rBV3	83234	129539	1.73%	0.207%
19	12.686	1799	1802	1810	rBV2	171137	286987	3.83%	0.458%
20	12.845	1826	1829	1830	rBV2	100971	104200	1.39%	0.166%
21	12.963	1844	1849	1852	rBV	7469514	7238698	96.69%	11.554%
22	13.198	1886	1889	1891	rBV2	104623	94894	1.27%	0.151%
23	13.321	1908	1910	1914	rBV	106524	120667	1.61%	0.193%
24	13.539	1944	1947	1949	rBV2	200841	207060	2.77%	0.331%
25	13.857	1998	2001	2005	rBV2	715932	851064	11.37%	1.358%
26	14.015	2024	2028	2032	rVB	1826280	1923417	25.69%	3.070%
27	14.180	2053	2056	2066	rVB	434229	664334	8.87%	1.060%
28	14.486	2105	2108	2114	rBV	580383	646869	8.64%	1.033%
29	14.792	2157	2160	2169	rVB	688609	873102	11.66%	1.394%
30	15.133	2214	2218	2223	rBV	685826	789406	10.54%	1.260%
31	15.480	2272	2277	2280	rBV	1219292	1622000	21.67%	2.589%
32	15.515	2280	2283	2290	rVB	647587	894191	11.94%	1.427%
33	15.956	2354	2358	2362	rVB	405828	582460	7.78%	0.930%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-9

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

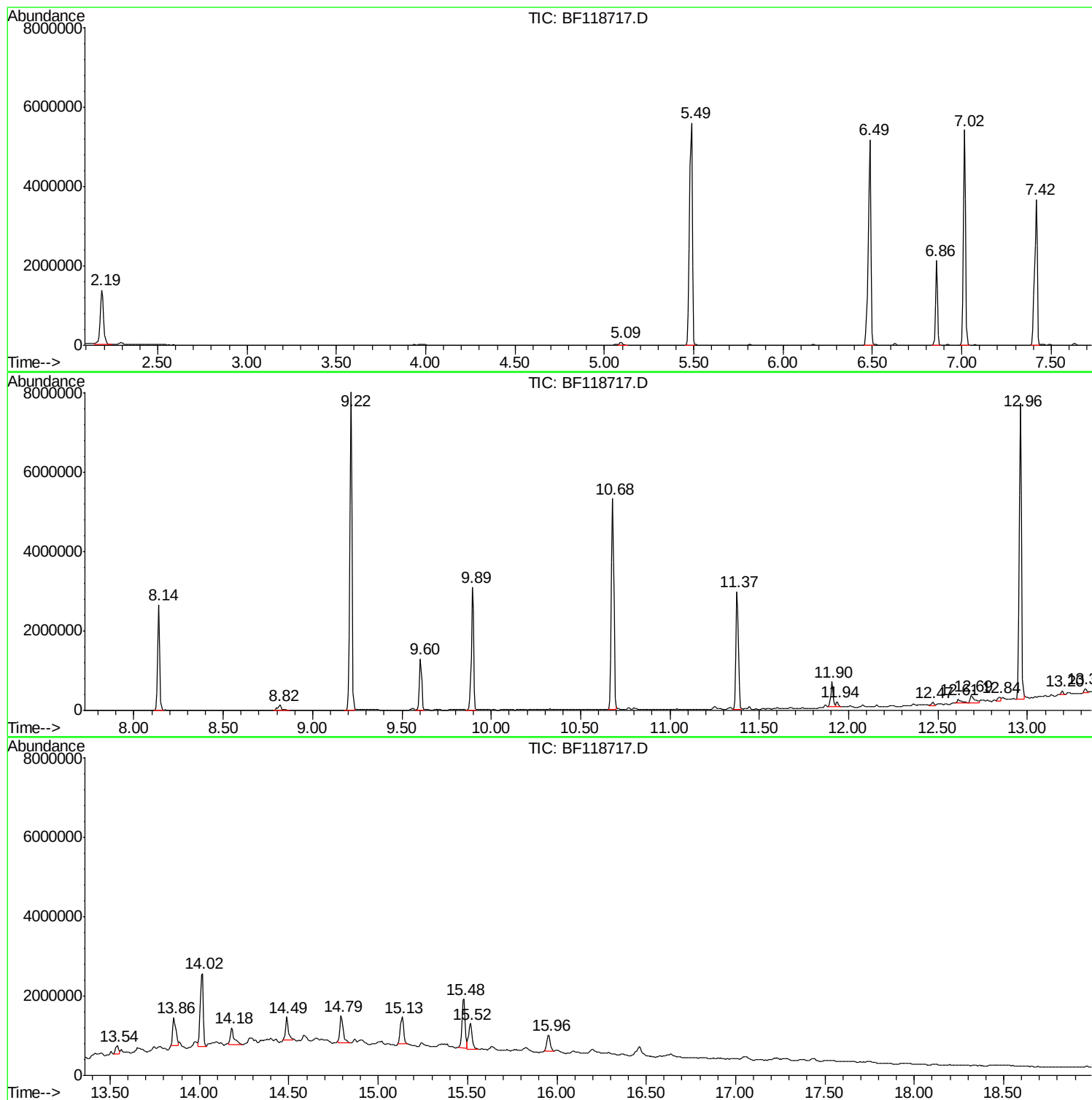
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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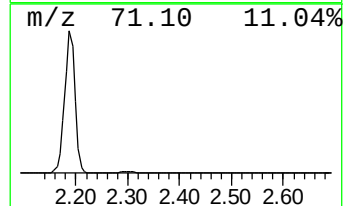
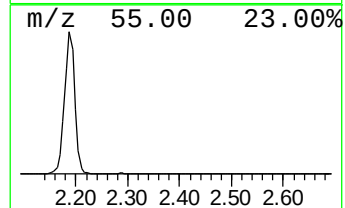
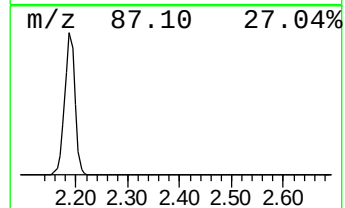
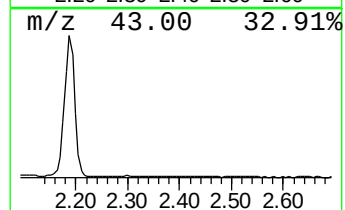
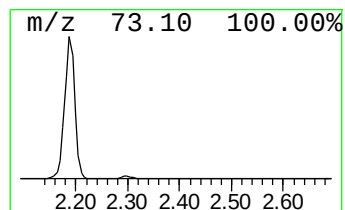
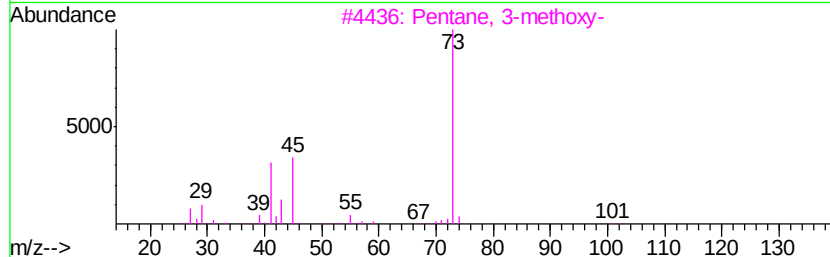
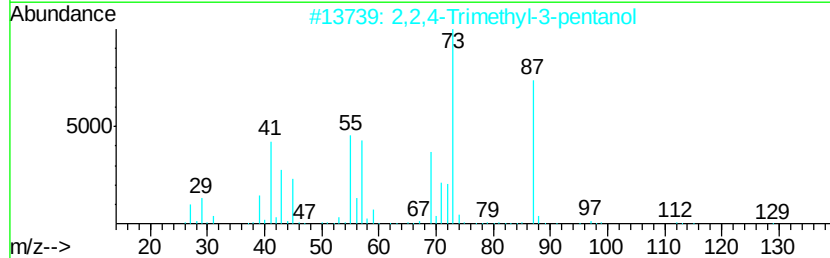
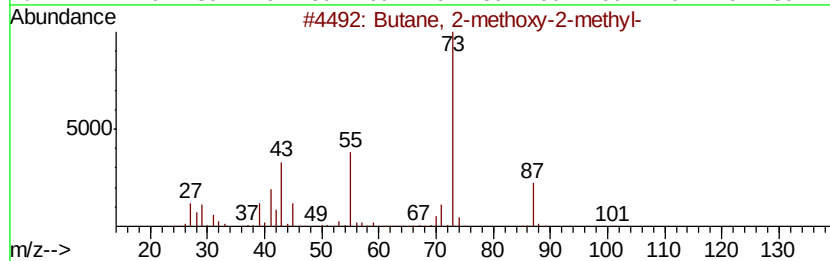
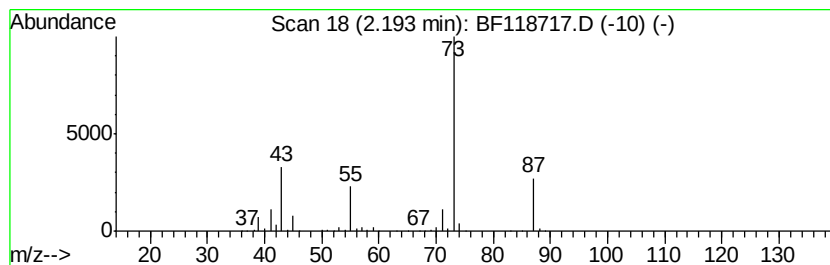
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	21.36 ng	1890530	1,4-Dichlorobenzene-d4	6.86

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	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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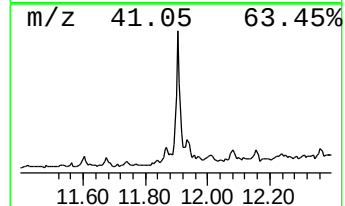
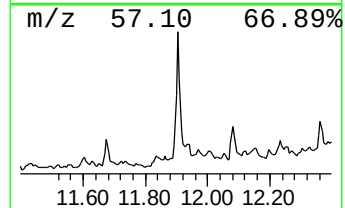
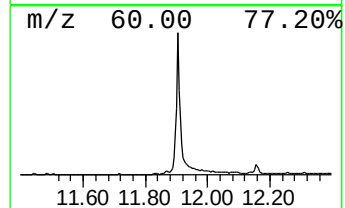
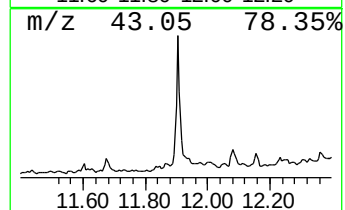
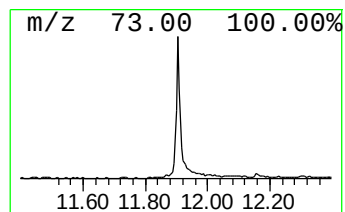
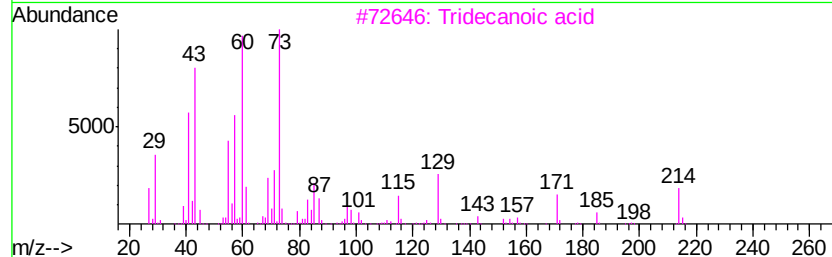
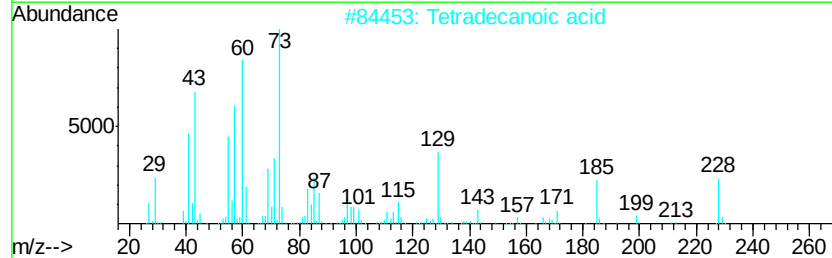
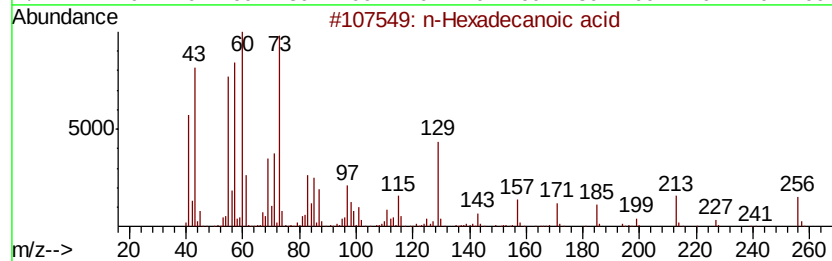
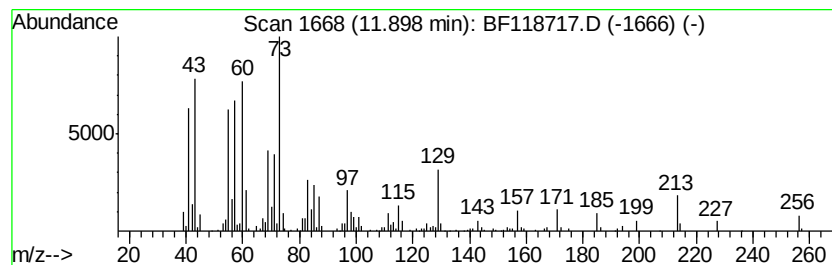
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.90	4.13 ng	558854	Phenanthrene-d10	11.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53	



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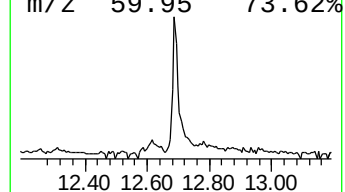
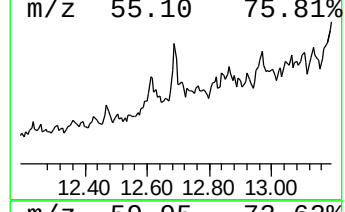
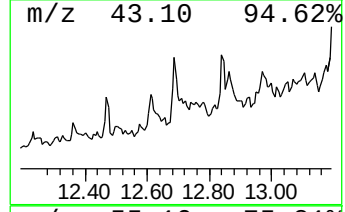
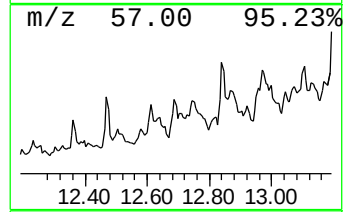
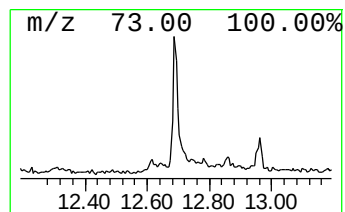
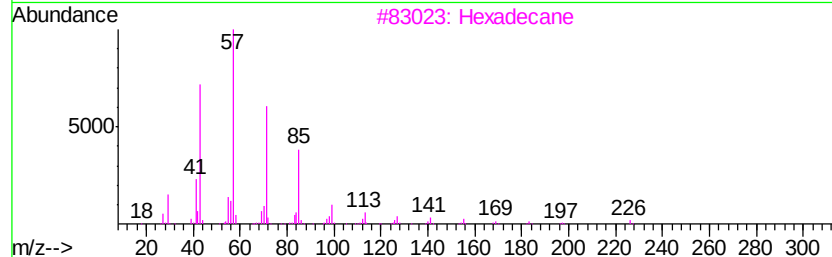
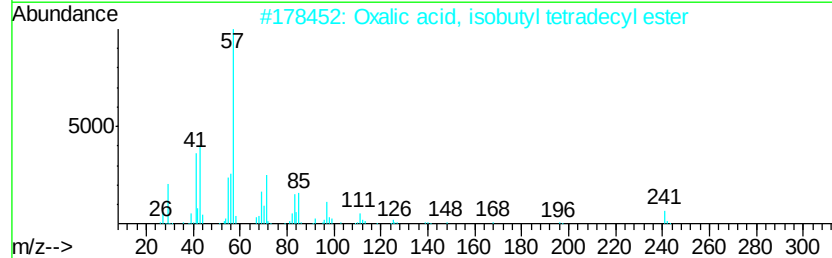
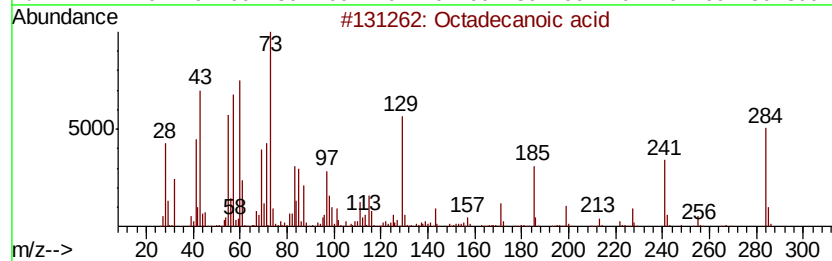
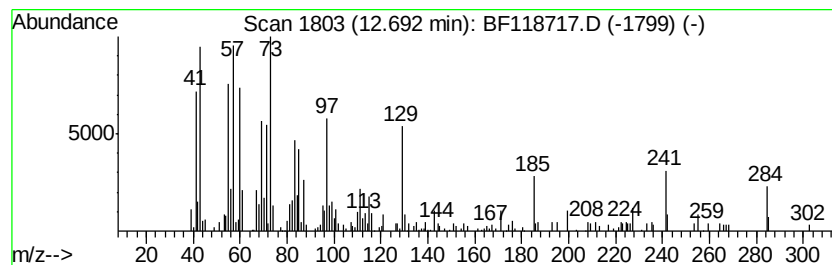
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.69	2.12 ng	286987	Phenanthrene-d10	11.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25
3		Hexadecane	226	C16H34	000544-76-3	25
4		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	20
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	18



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Misc :
ALS Vial : 5 Sample Multiplier: 1

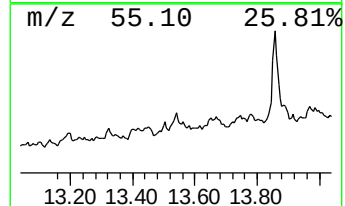
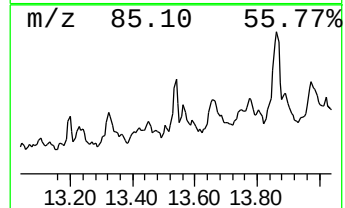
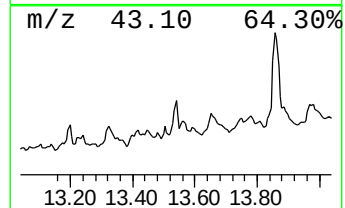
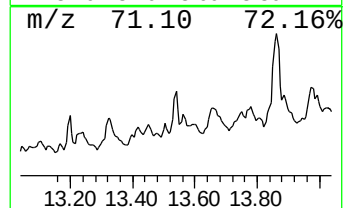
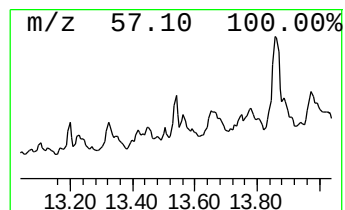
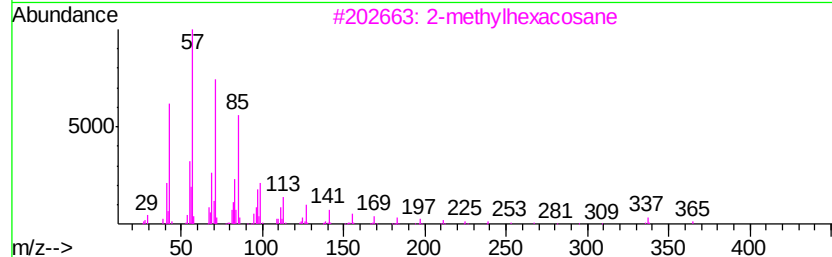
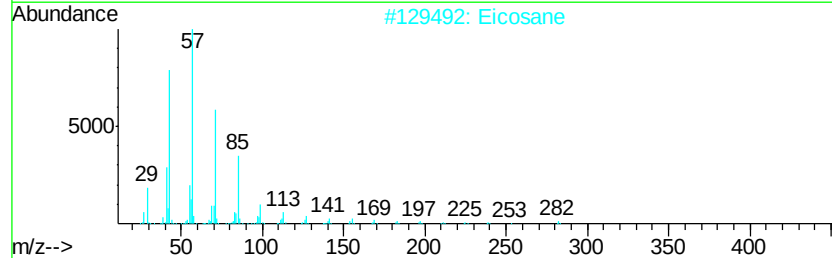
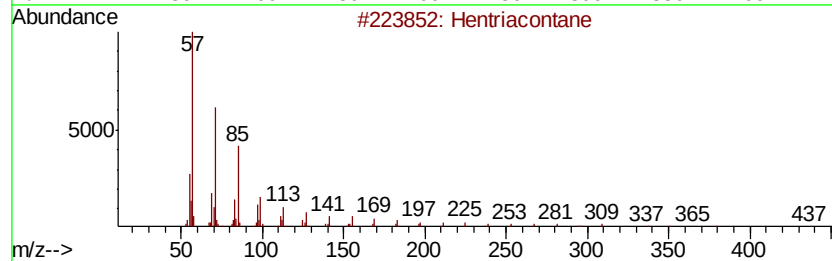
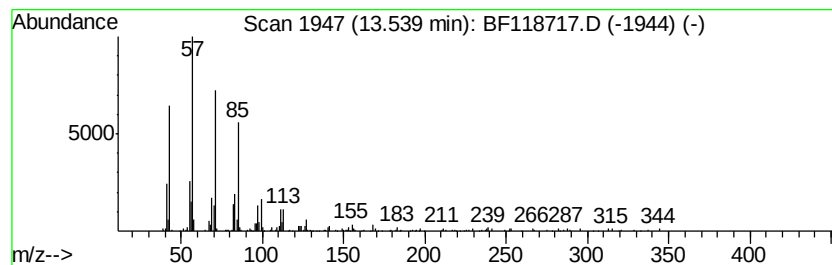
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.15 ng	207060	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hentriacontane	437 C31H64	000630-04-6	91
2	Eicosane	282 C20H42	000112-95-8	89
3	2-methylhexacosane	380 C27H56	1000376-72-7	86
4	Hexacosane	366 C26H54	000630-01-3	83
5	2-methyloctacosane	408 C29H60	1000376-72-8	83



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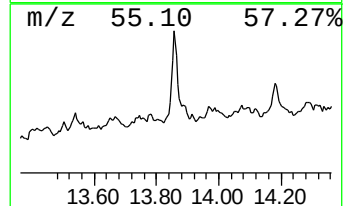
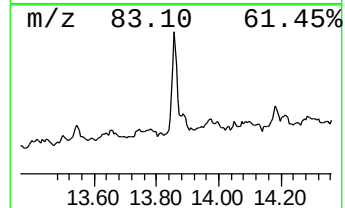
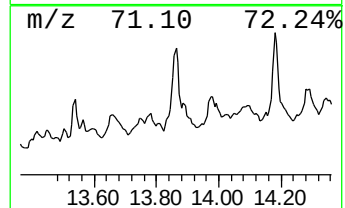
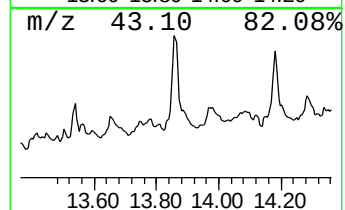
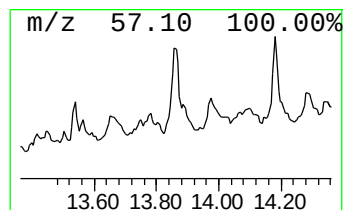
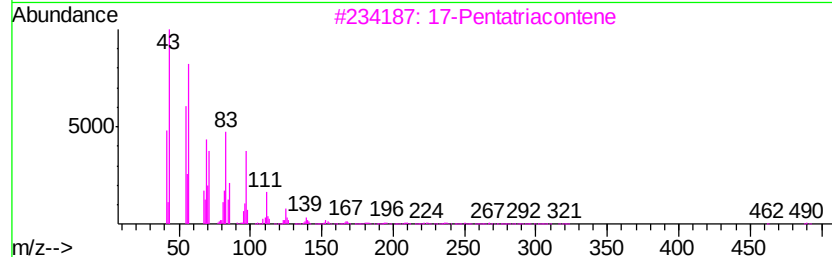
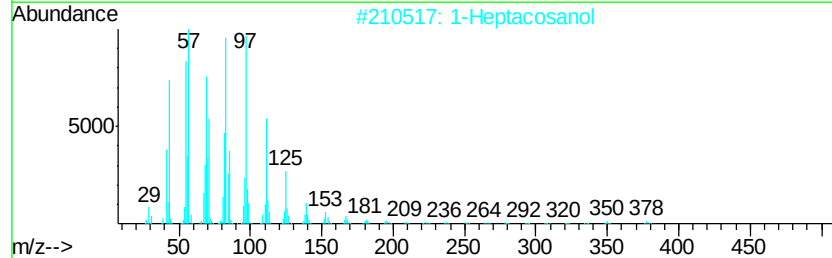
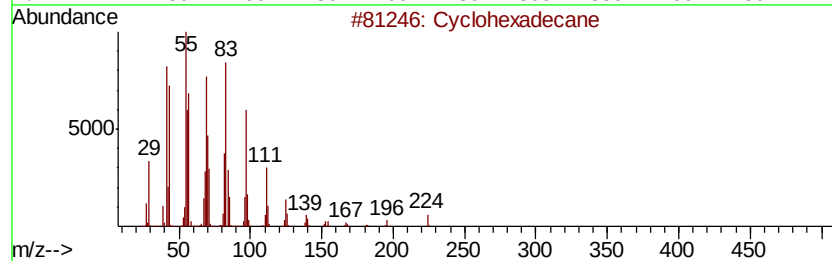
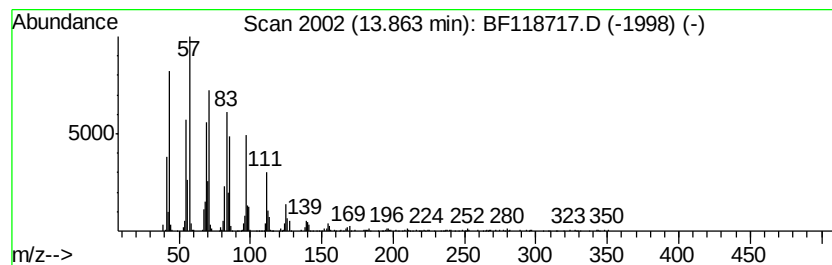
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.86	8.85 ng	851064	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90



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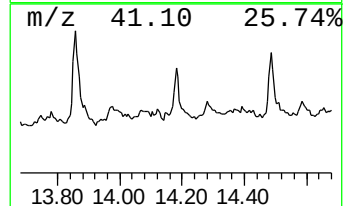
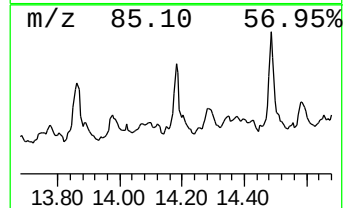
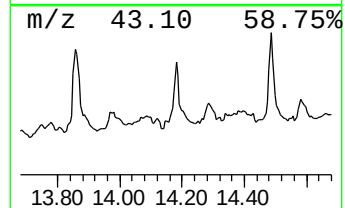
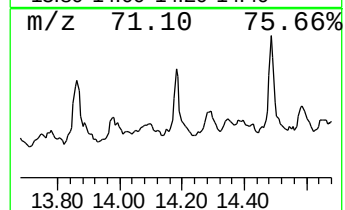
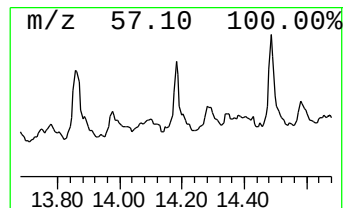
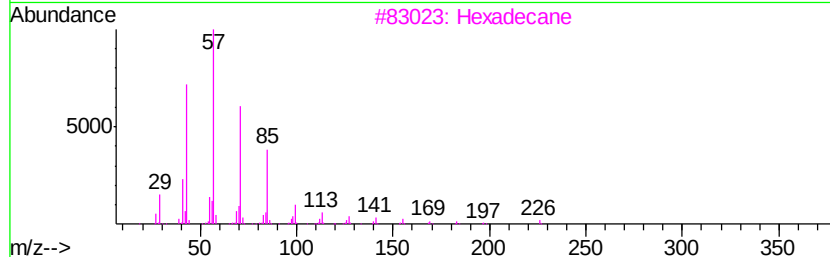
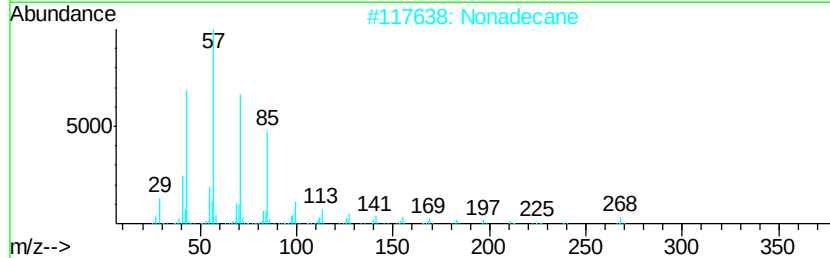
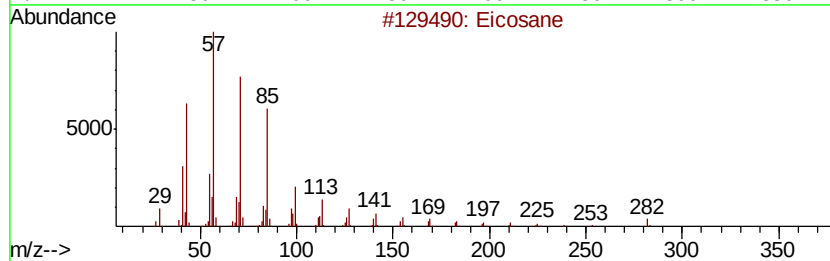
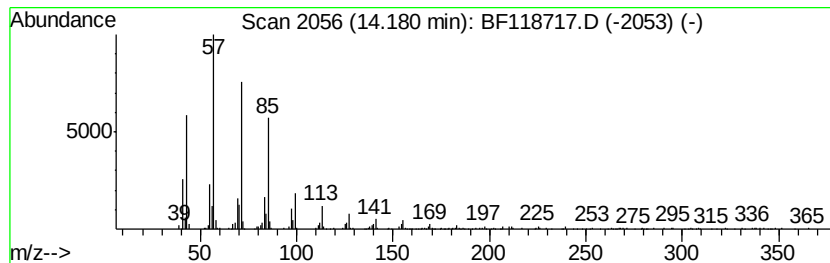
Instrument :
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 ClientSampleId :
 EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	6.91 ng	664334	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Nonadecane	268 C19H40	000629-92-5	94
3	Hexadecane	226 C16H34	000544-76-3	93
4	Heneicosane	296 C21H44	000629-94-7	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118717.D
Acq On : 27 Jan 2020 13:42
Operator : CG/JU
Sample : L1241-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

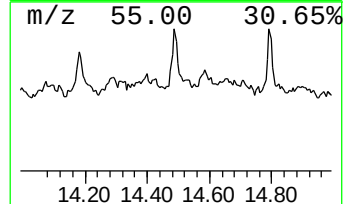
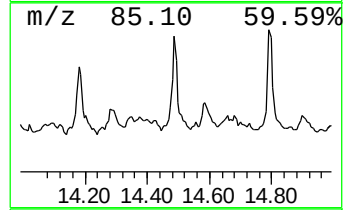
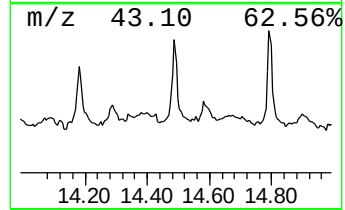
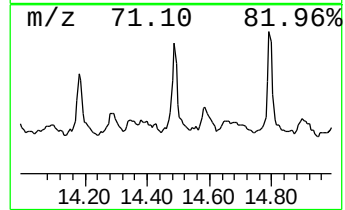
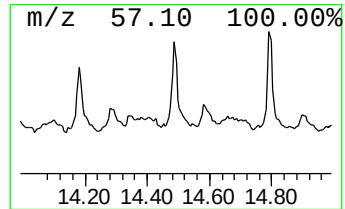
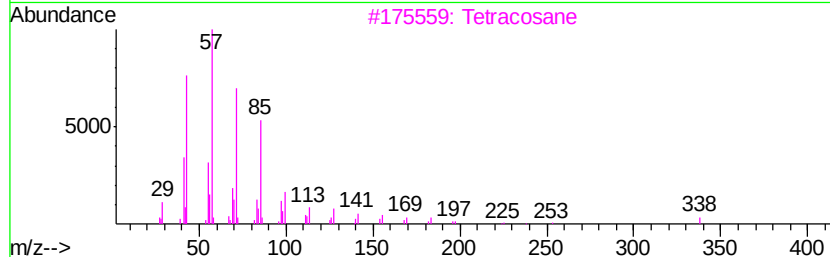
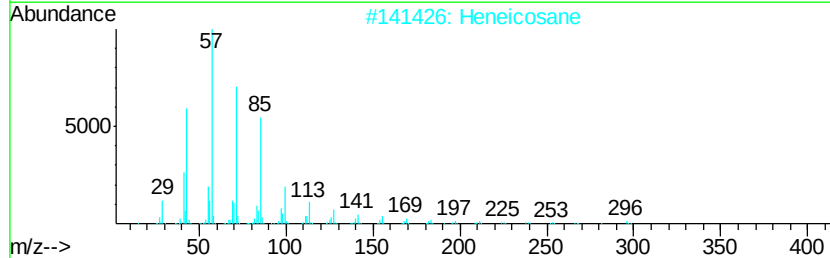
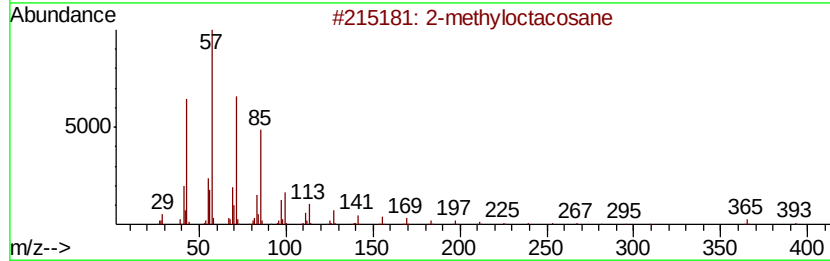
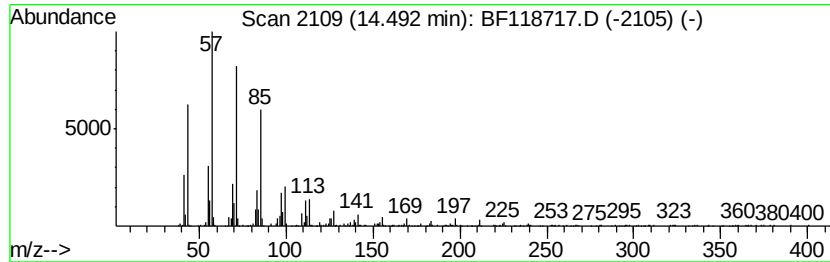
Instrument :
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ClientSampleId :
EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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.
14.49	6.73 ng	646869	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	Tetracosane	338 C24H50	000646-31-1	91
4	Hexacosane	366 C26H54	000630-01-3	90
5	Octadecane	254 C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118717.D
 Acq On : 27 Jan 2020 13:42
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 Sample : L1241-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

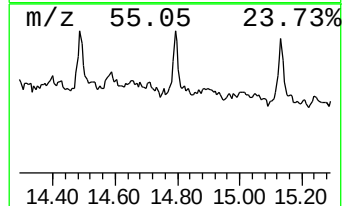
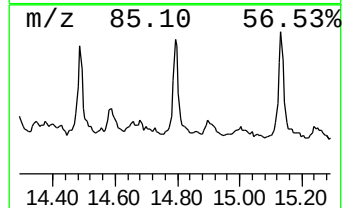
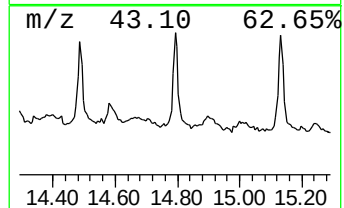
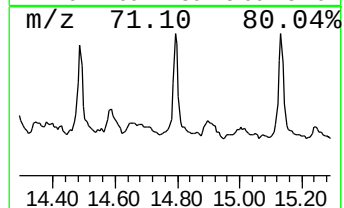
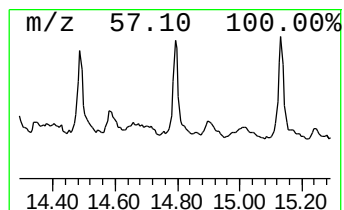
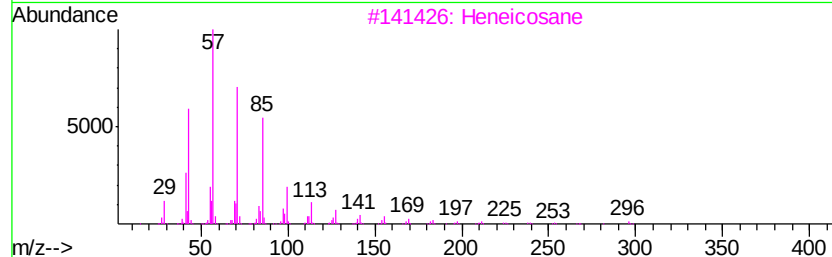
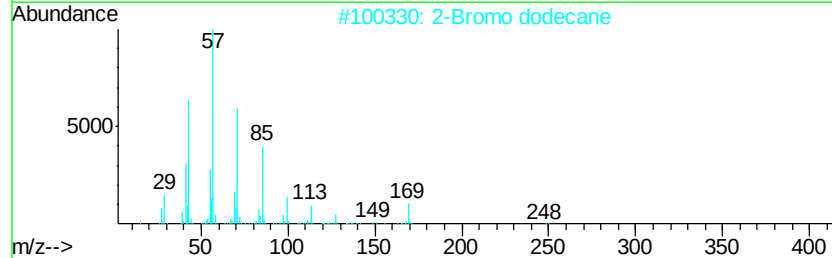
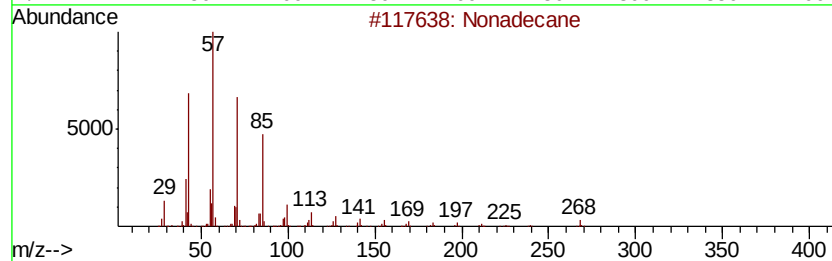
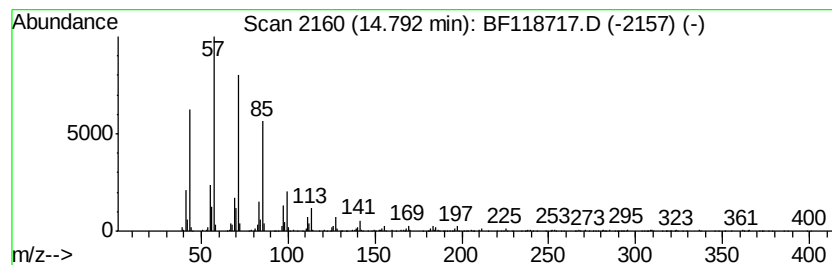
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	10.77 ng	873102	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
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 Acq On : 27 Jan 2020 13:42
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

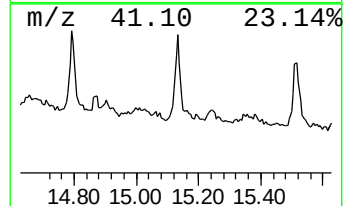
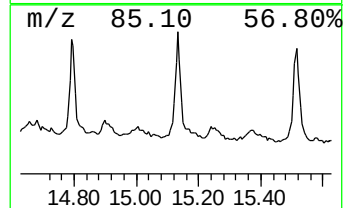
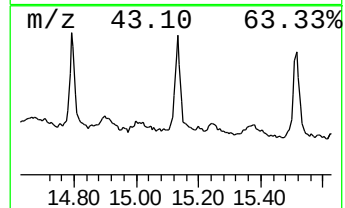
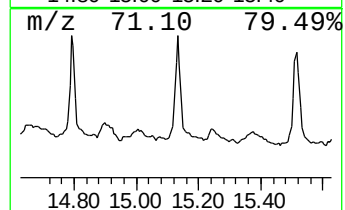
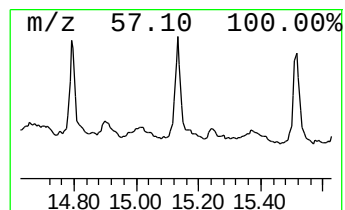
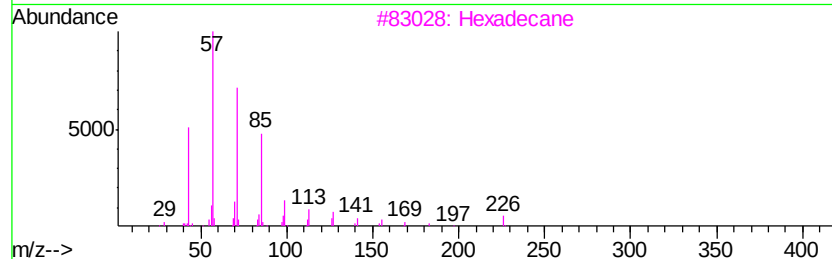
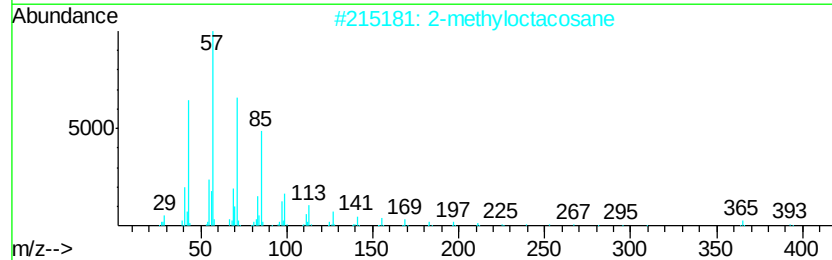
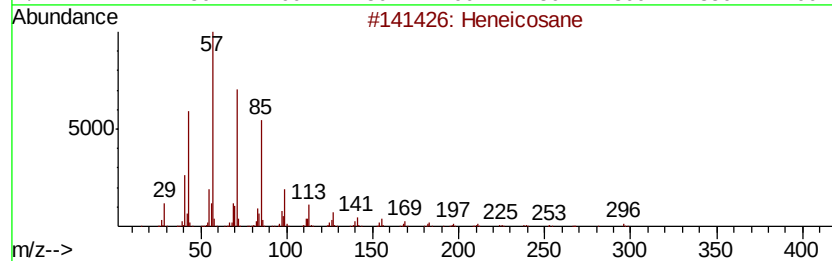
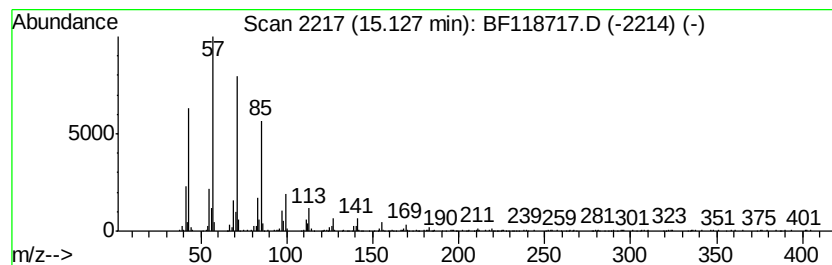
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.13	9.73 ng	789406	Perylene-d12		15.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118717.D
Acq On : 27 Jan 2020 13:42
Operator : CG/JU
Sample : L1241-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP-9

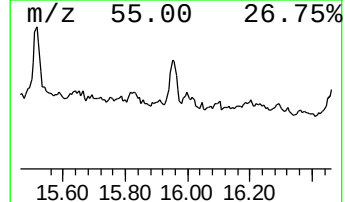
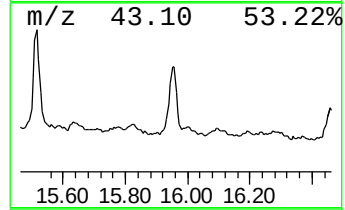
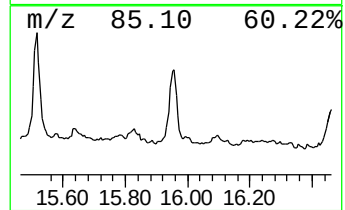
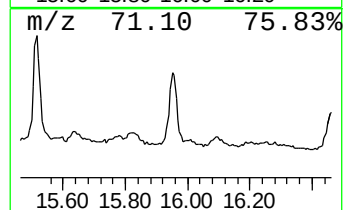
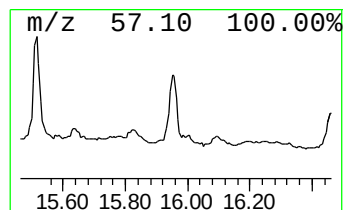
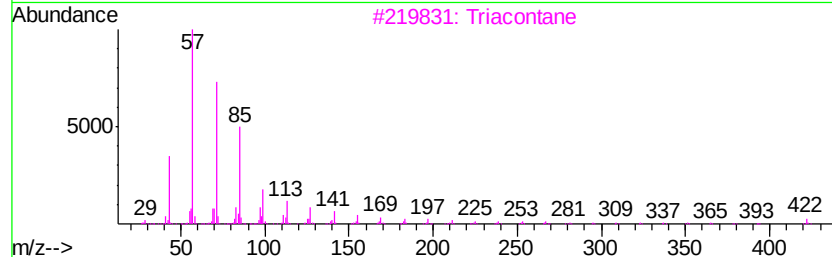
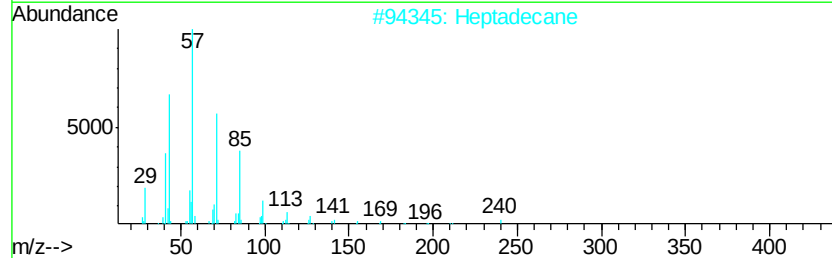
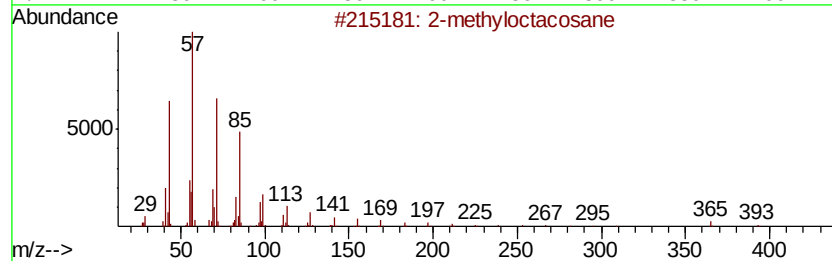
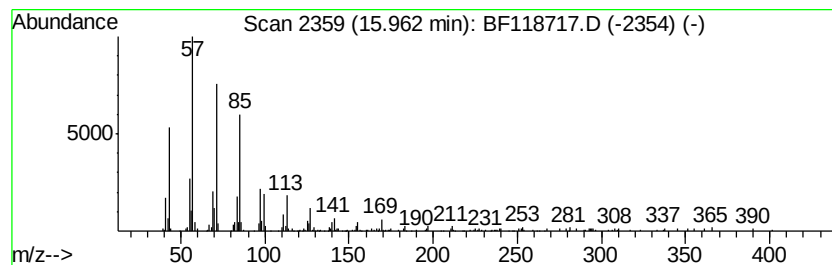
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	7.18 ng	582460	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012720\
 Data File : BF118717.D
 Acq On : 27 Jan 2020 13:42
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.19	21.4	ng	1890530	1	6.86	1770480	20.0
n-Hexadecanoic acid	11.90	4.1	ng	558854	4	11.37	2707230	20.0
Octadecanoic acid	12.69	2.1	ng	286987	4	11.37	2707230	20.0
Hentriacontane	13.54	2.1	ng	207060	5	14.02	1923420	20.0
Cyclohexadecane	13.86	8.8	ng	851064	5	14.02	1923420	20.0
Eicosane	14.18	6.9	ng	664334	5	14.02	1923420	20.0
2-methyloctacosane	14.49	6.7	ng	646869	5	14.02	1923420	20.0
Nonadecane	14.79	10.8	ng	873102	6	15.48	1622000	20.0
Hexadecane	15.13	9.7	ng	789406	6	15.48	1622000	20.0
Heptadecane	15.96	7.2	ng	582460	6	15.48	1622000	20.0