

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012020\
 Data File : BF118602.D
 Acq On : 20 Jan 2020 20:24
 Operator : CG/JU
 Sample : L1176-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

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	2.228	16	24	31	rVB	1771965	2432266	16.29%	1.738%
2	5.110	506	514	524	rVB	1758322	2494029	16.70%	1.782%
3	5.504	575	581	585	rBV	9682198	11297689	75.66%	8.073%
4	6.510	745	752	755	rBV	10068036	12466175	83.48%	8.908%
5	6.651	771	776	779	rBV	11681197	12286479	82.28%	8.779%
6	6.881	811	815	818	rBV	3523638	2981433	19.97%	2.130%
7	7.039	837	842	845	rVB	10451466	9662168	64.70%	6.904%
8	7.439	904	910	913	rBV	7290653	7745013	51.86%	5.534%
9	8.163	1028	1033	1036	rBV	4023728	3786087	25.35%	2.705%
10	9.239	1210	1216	1219	rBV	14162190	14933093	100.00%	10.671%
11	9.627	1277	1282	1285	rBV	797308	658727	4.41%	0.471%
12	9.916	1325	1331	1335	rBV	5447077	4624947	30.97%	3.305%
13	10.704	1459	1465	1468	rBV	10029642	10126748	67.81%	7.236%
14	11.404	1579	1584	1587	rBV	4762673	4568341	30.59%	3.264%
15	11.627	1618	1622	1631	rBV	409266	363642	2.44%	0.260%
16	11.927	1669	1673	1684	rBV	889114	933978	6.25%	0.667%
17	12.445	1758	1761	1767	rBV	312560	273907	1.83%	0.196%
18	12.710	1803	1806	1819	rBV	271407	346017	2.32%	0.247%
19	12.992	1848	1854	1857	rBV	14210667	14688772	98.36%	10.496%
20	13.563	1949	1951	1954	rVB	201545	175183	1.17%	0.125%
21	13.880	2002	2005	2016	rBV2	1794637	2043550	13.68%	1.460%
22	14.033	2027	2031	2035	rBV	3359732	3095502	20.73%	2.212%
23	14.210	2057	2061	2065	rBV	1309480	1124148	7.53%	0.803%
24	14.515	2108	2113	2120	rBV	2152898	1997217	13.37%	1.427%
25	14.827	2161	2166	2175	rVB	2207792	2450689	16.41%	1.751%
26	14.904	2175	2179	2186	rVB	734930	758038	5.08%	0.542%
27	15.168	2218	2224	2232	rBV	2180281	2620830	17.55%	1.873%
28	15.509	2276	2282	2285	rBV	2261589	2880520	19.29%	2.058%
29	15.557	2285	2290	2304	rVB	1801534	2484712	16.64%	1.775%
30	15.998	2359	2365	2370	rBV	1153725	1815005	12.15%	1.297%
31	16.039	2370	2372	2382	rVB4	166974	256324	1.72%	0.183%
32	16.509	2442	2452	2460	rBV	530858	1110362	7.44%	0.793%
33	17.115	2549	2555	2562	rBV	135870	289214	1.94%	0.207%
34	17.192	2563	2568	2576	rVB6	80276	175702	1.18%	0.126%

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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

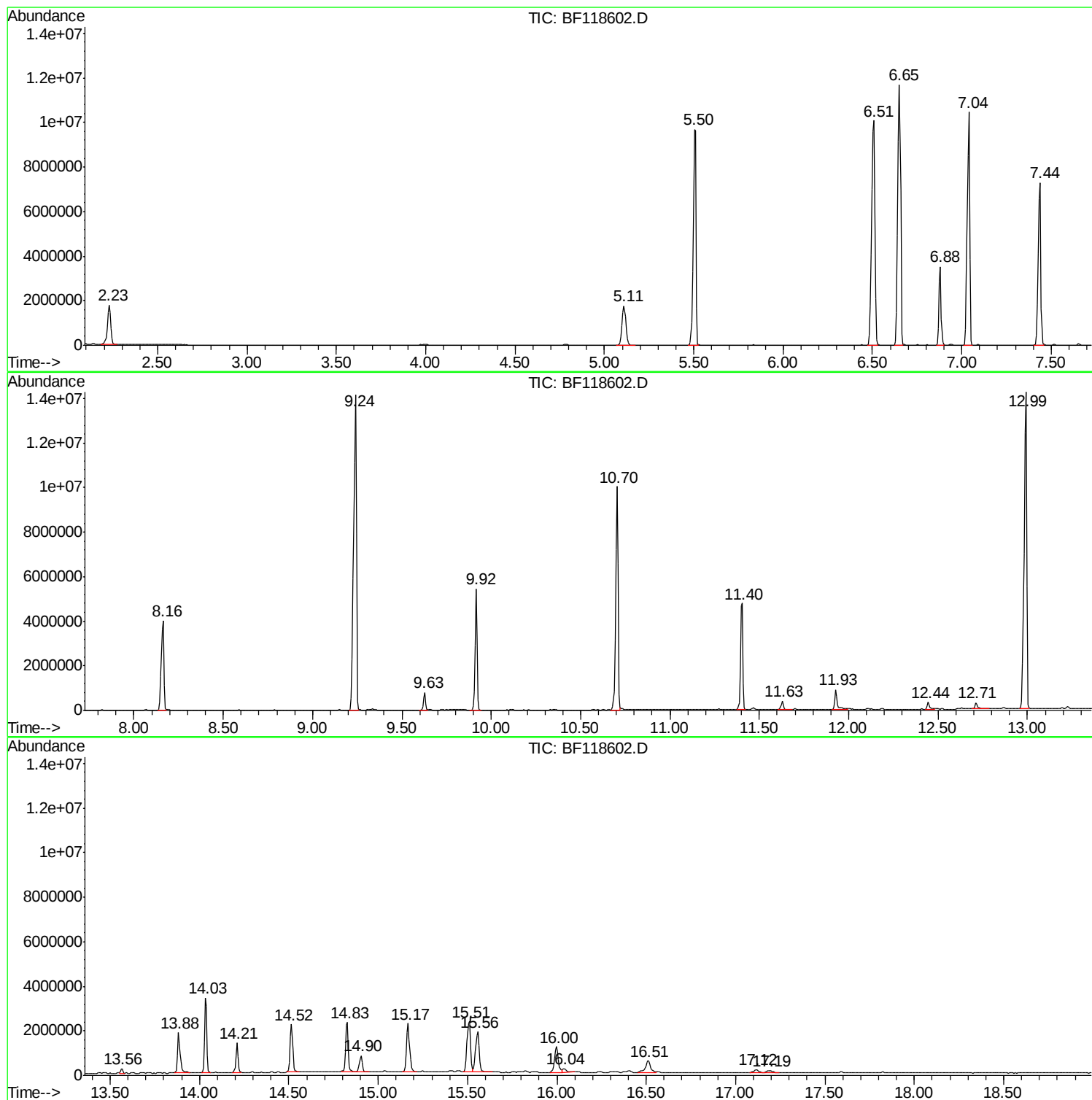
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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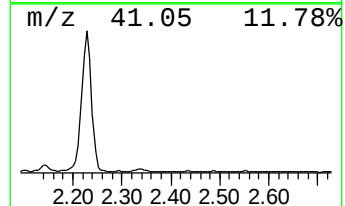
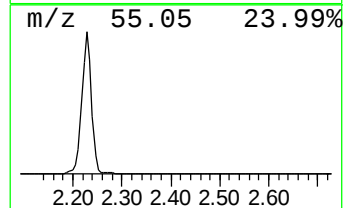
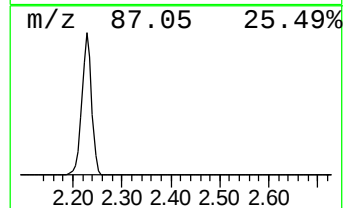
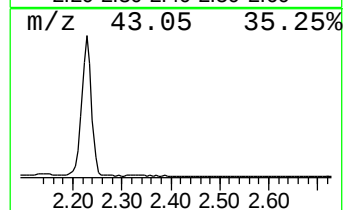
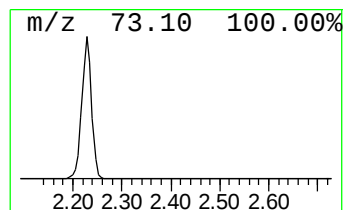
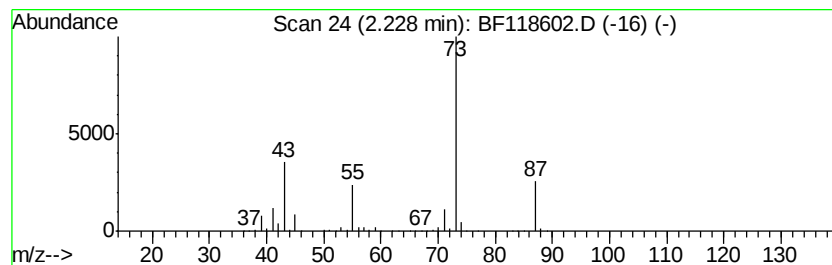
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	16.32 ng	2432270	1,4-Dichlorobenzene-d4	6.88

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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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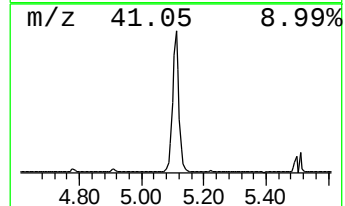
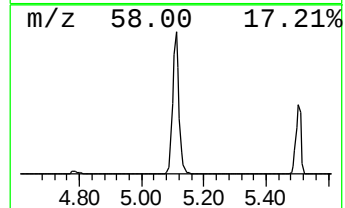
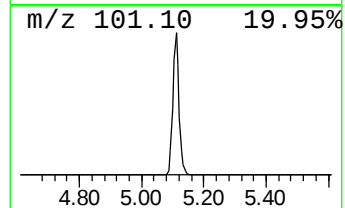
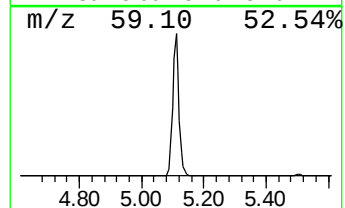
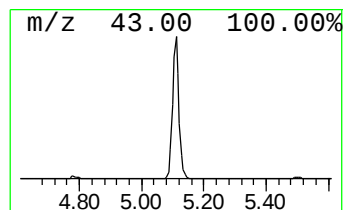
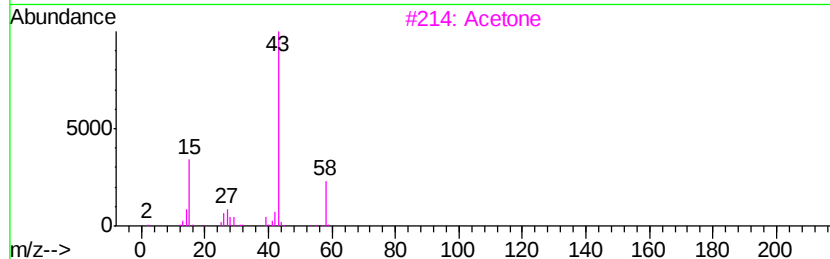
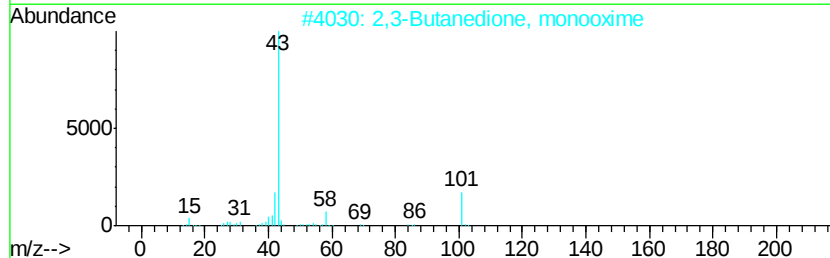
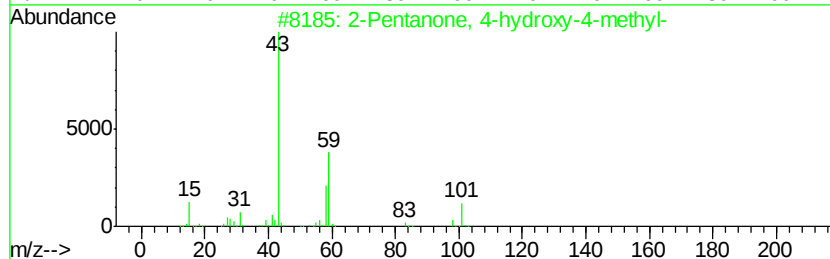
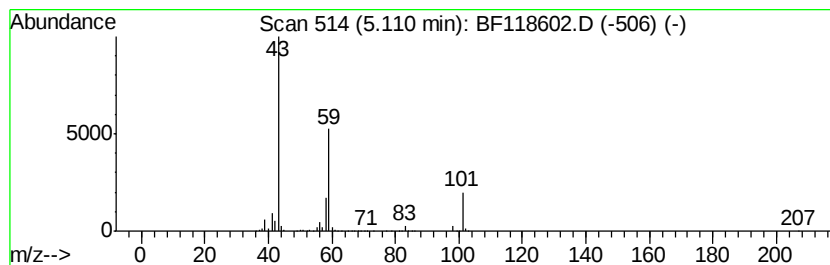
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	16.73 ng	2494030	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3		Acetone	58	C3H6O	000067-64-1	10
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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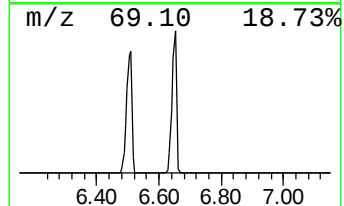
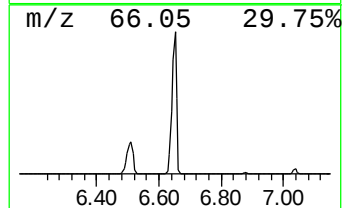
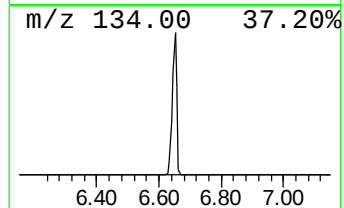
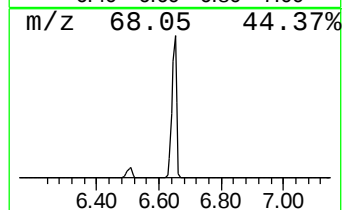
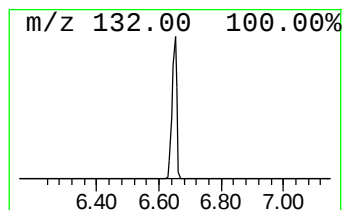
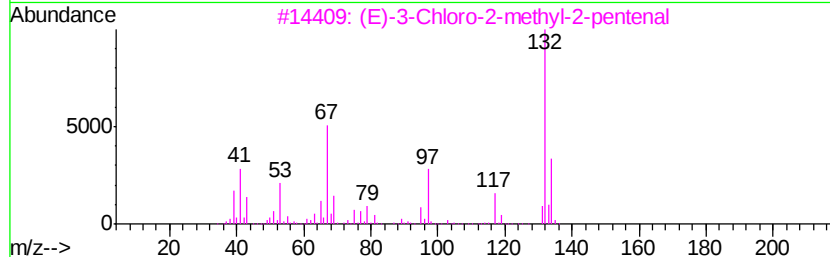
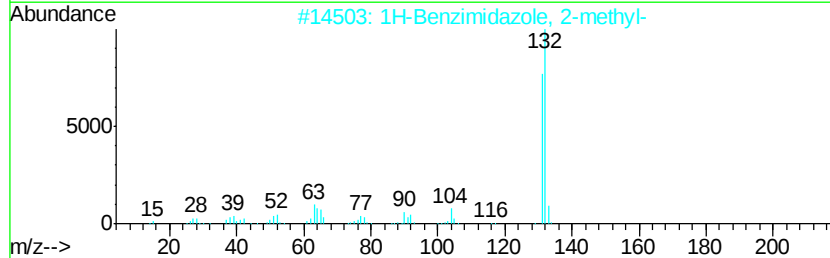
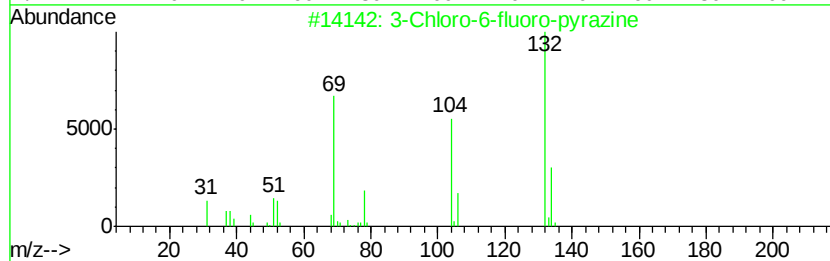
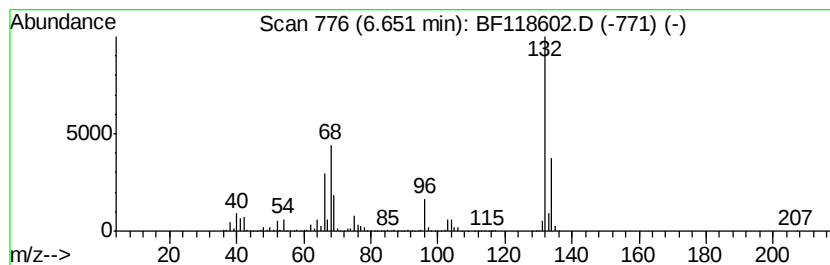
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	82.42 ng	12286500	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		2H-Cyclopentadipyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5		1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12



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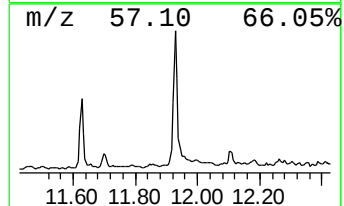
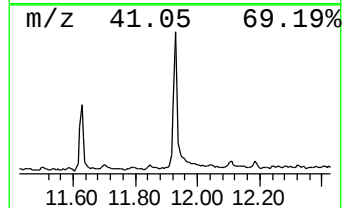
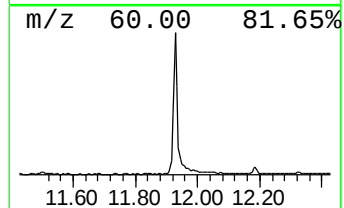
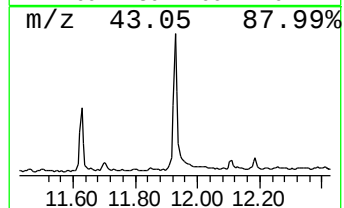
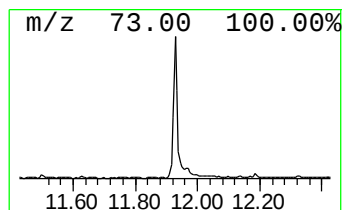
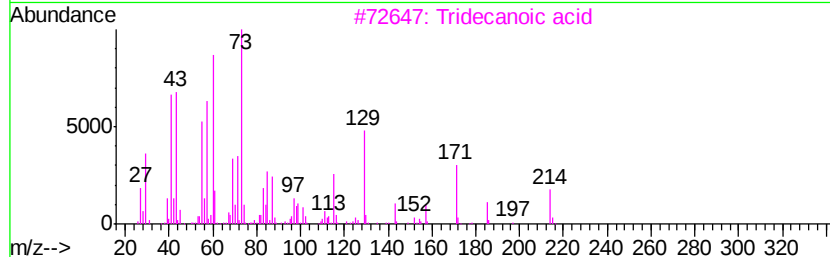
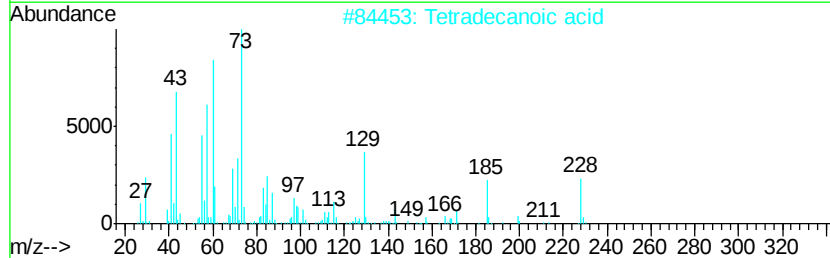
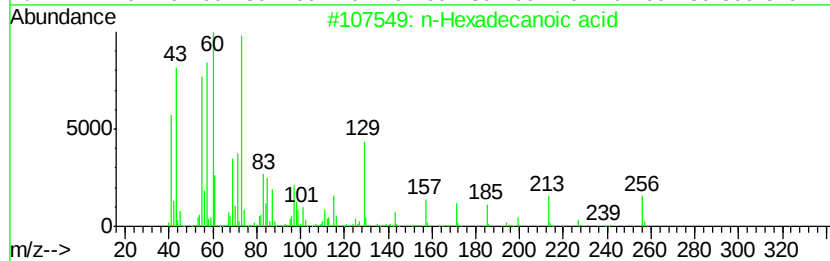
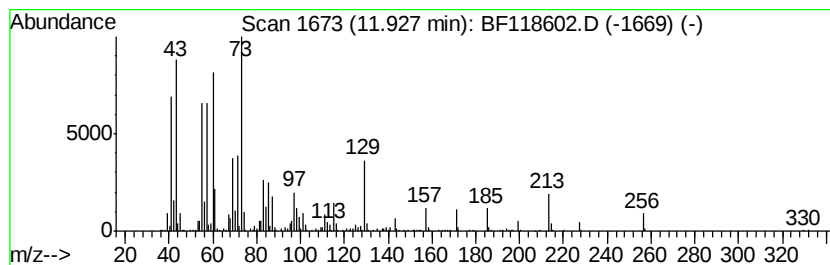
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.09 ng	933978	Phenanthrene-d10	11.40

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	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



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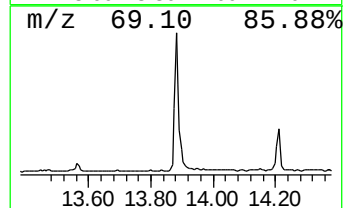
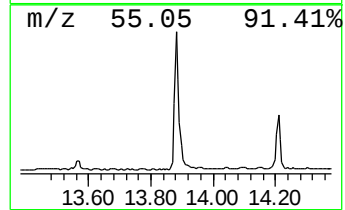
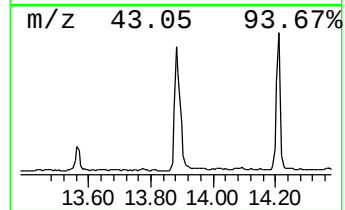
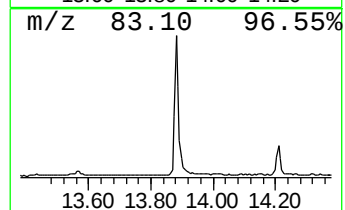
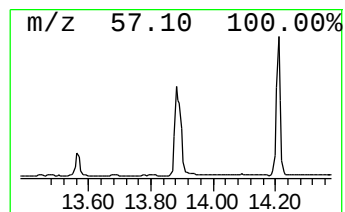
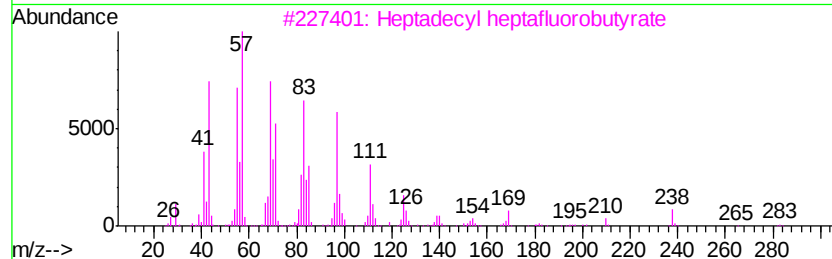
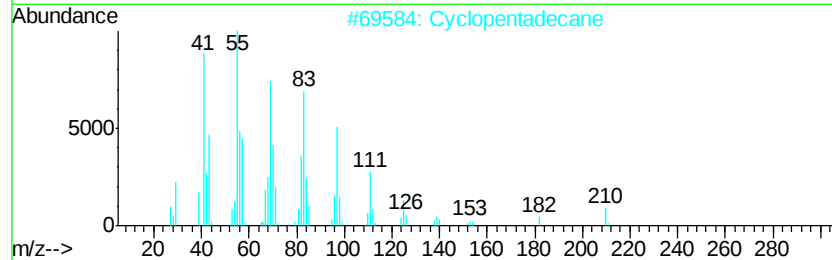
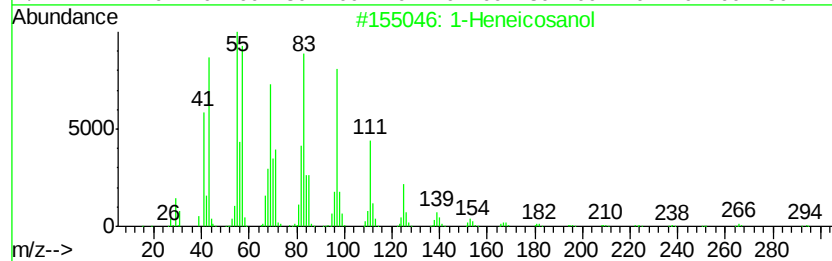
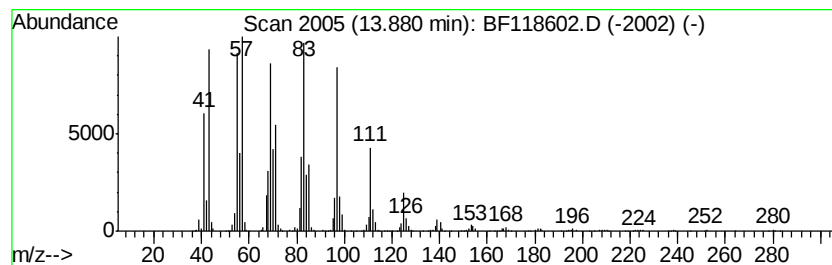
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	13.20 ng	2043550	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	95
2	Cyclopentadecane	210 C15H30	000295-48-7	94
3	Heptadecyl heptafluorobutvrate	452 C21H35F7O2	959085-66-6	94
4	Behenic alcohol	326 C22H46O	000661-19-8	94
5	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94



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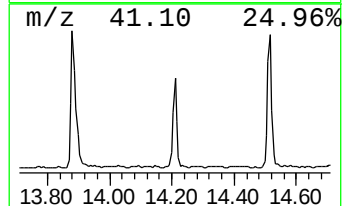
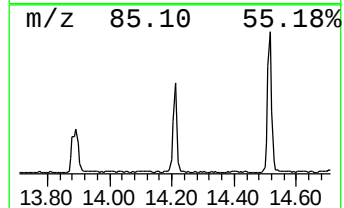
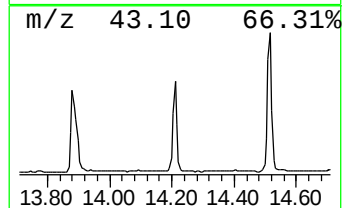
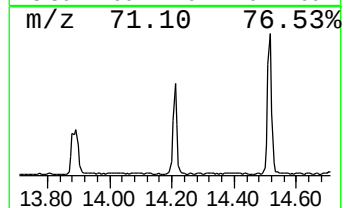
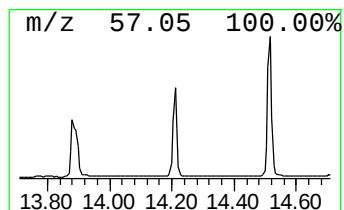
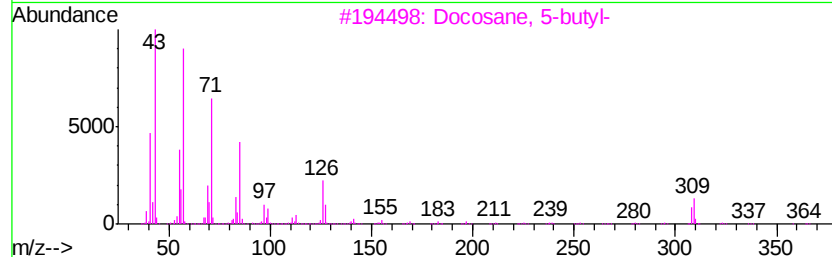
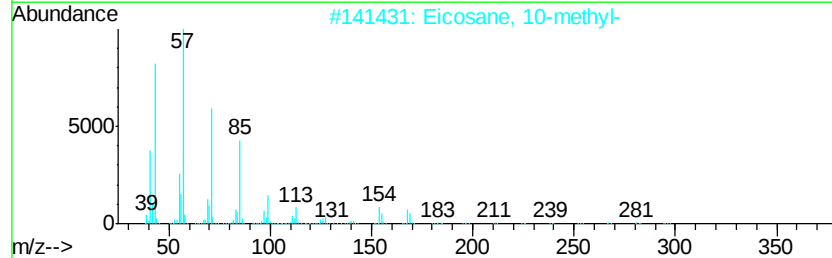
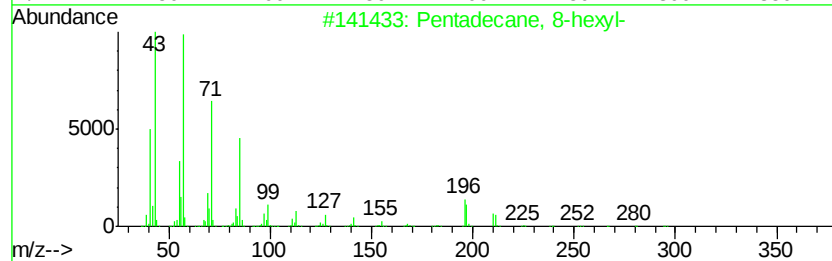
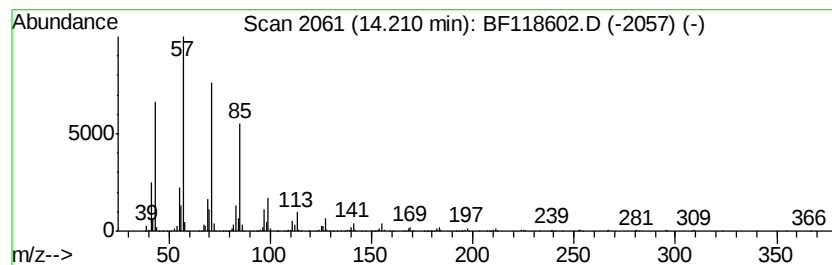
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 8-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.26 ng	1124150	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Docosane, 5-butyl-	366	C26H54	055282-16-1	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118602.D
Acq On : 20 Jan 2020 20:24
Operator : CG/JU
Sample : L1176-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-13

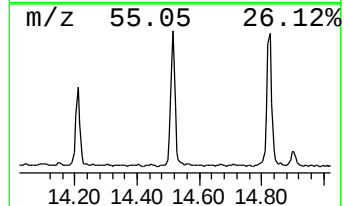
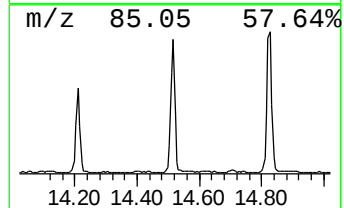
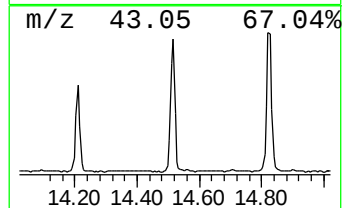
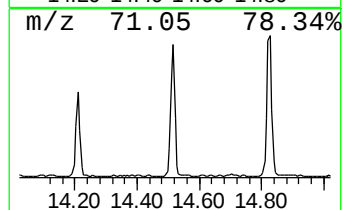
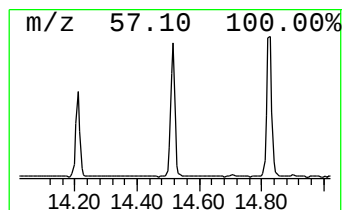
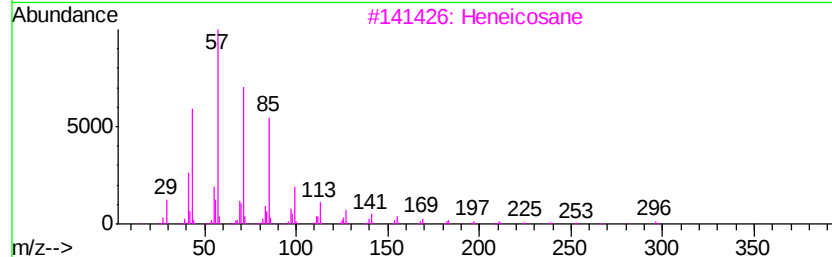
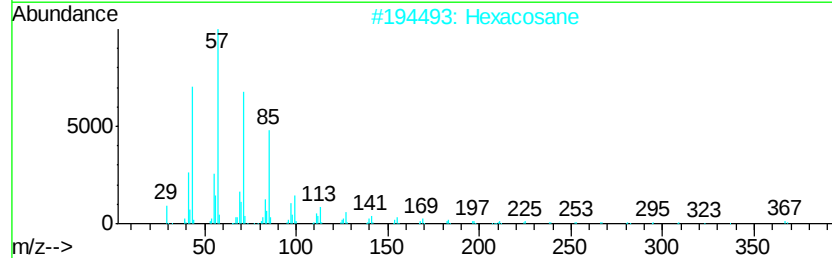
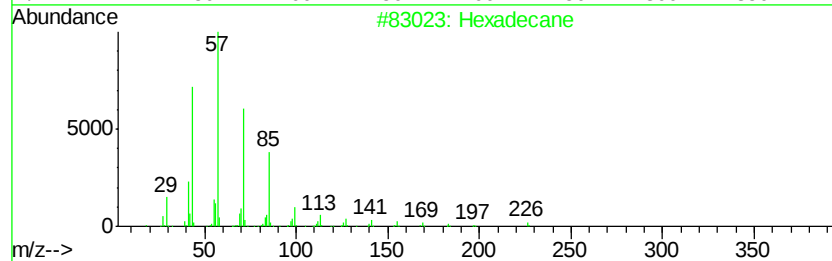
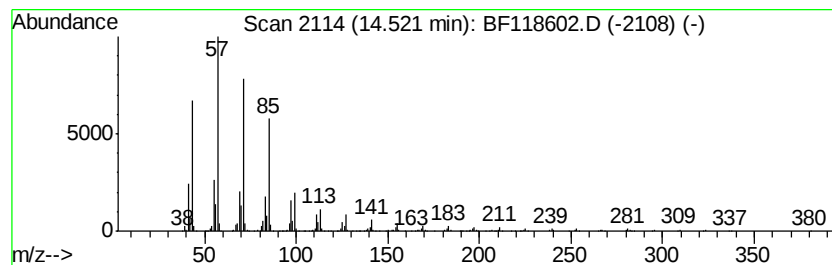
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	12.90 ng	1997220	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Heptadecane		240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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Acq On : 20 Jan 2020 20:24
Operator : CG/JU
Sample : L1176-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

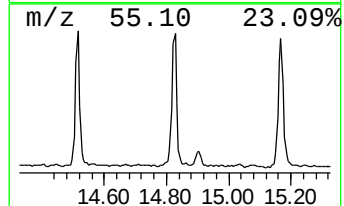
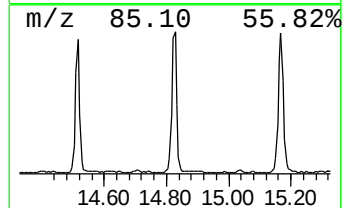
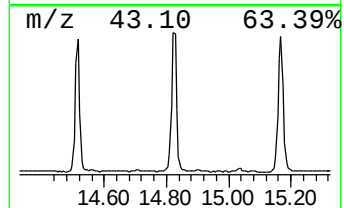
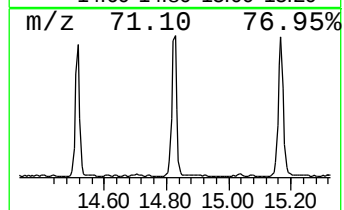
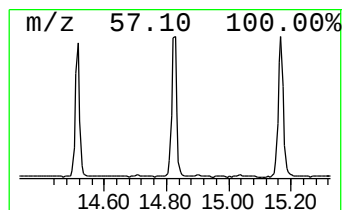
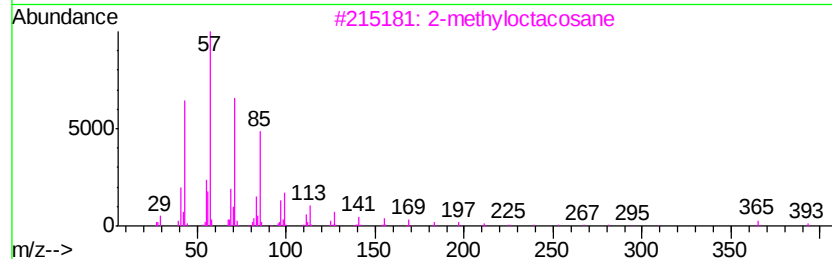
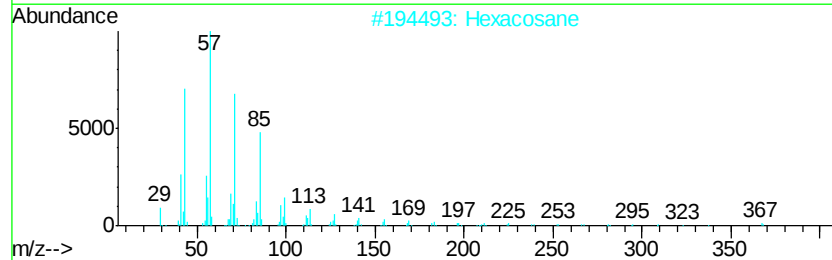
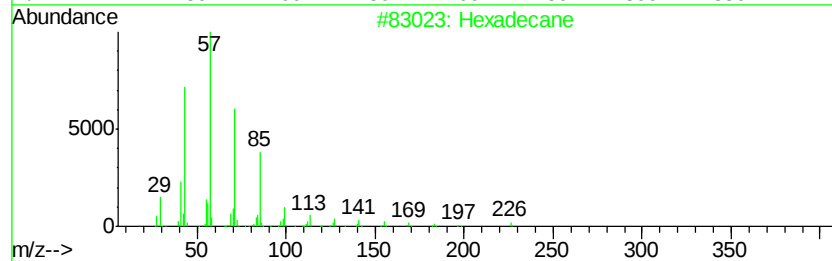
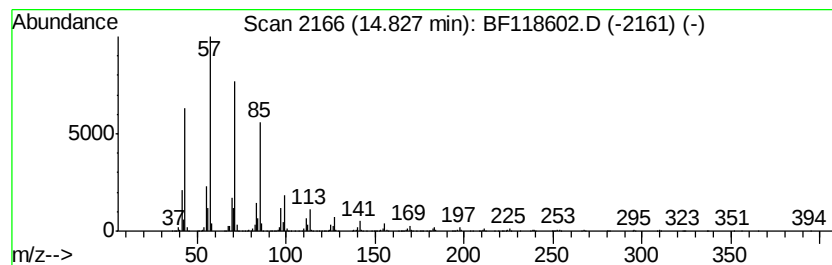
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	17.02 ng	2450690	Perylene-d12	15.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Hexacosane	366 C26H54	000630-01-3	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Heptadecane, 9-hexyl-	324 C23H48	055124-79-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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Acq On : 20 Jan 2020 20:24
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Sample : L1176-15
Misc :
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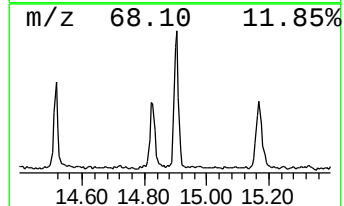
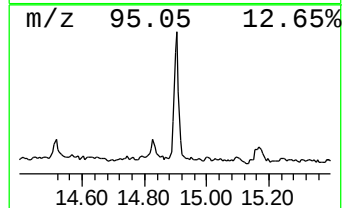
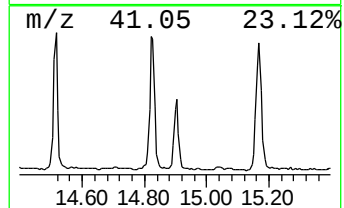
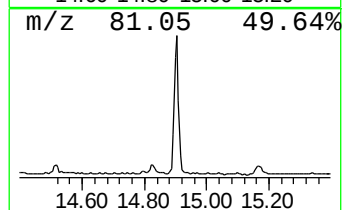
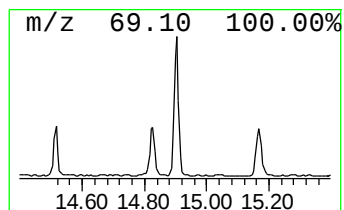
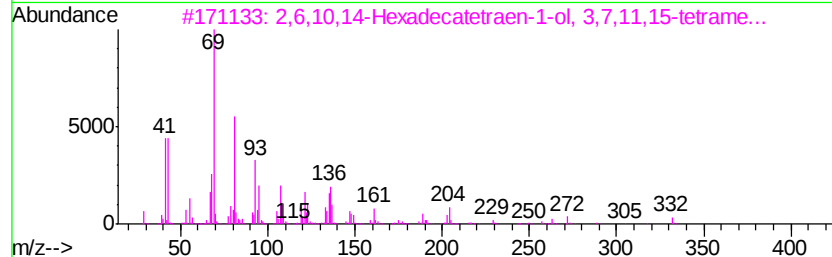
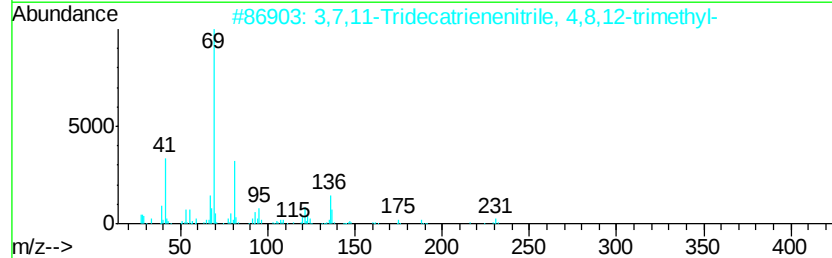
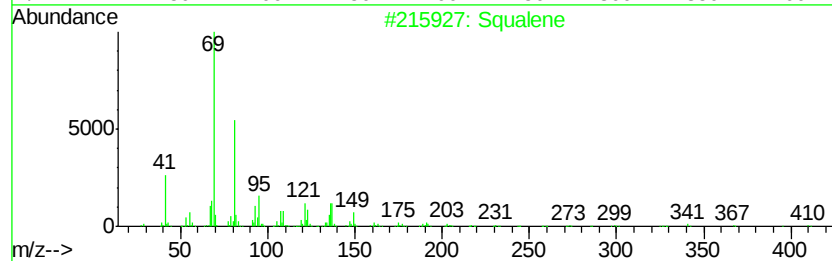
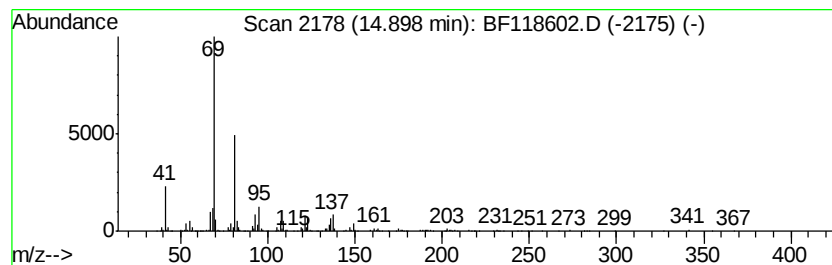
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.26 ng	758038	Perylene-d12	15.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 96
2	3,7,11-Tridecatrienitrile, 4,8...		231 C16H25N	006006-01-5 78
3	2,6,10,14-Hexadecatetraen-1-ol, ...		332 C22H36O2	061691-98-3 72
4	2,6,10,14-Hexadecatetraenoic aci...		332 C22H36O2	024035-35-6 72
5	1,5,9-Decatriene, 2,3,5,8-tetram...		192 C14H24	230646-72-7 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118602.D
Acq On : 20 Jan 2020 20:24
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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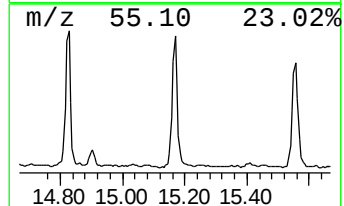
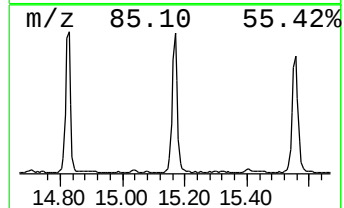
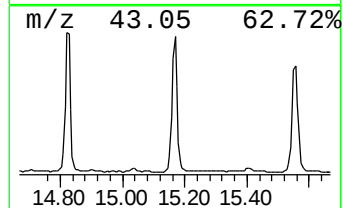
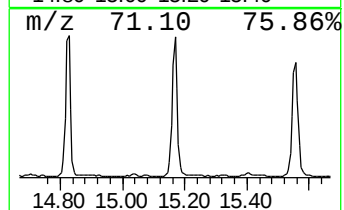
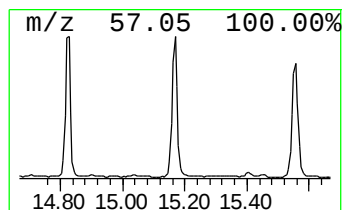
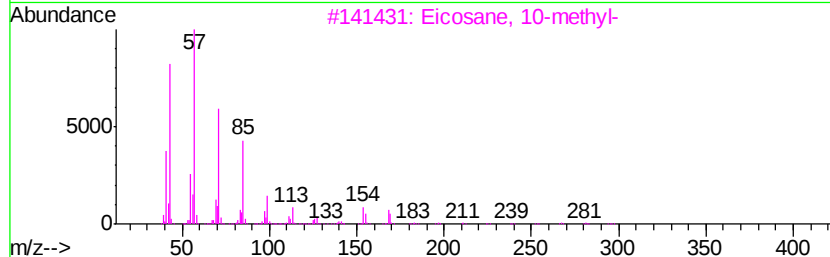
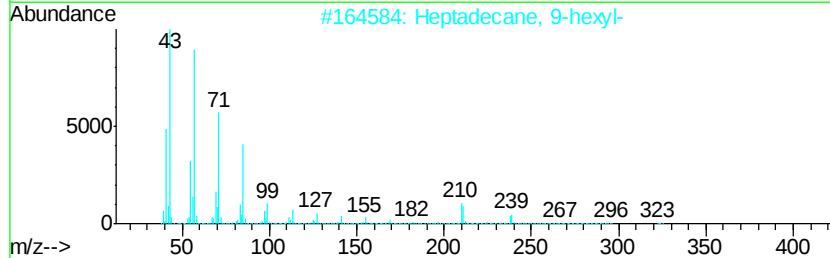
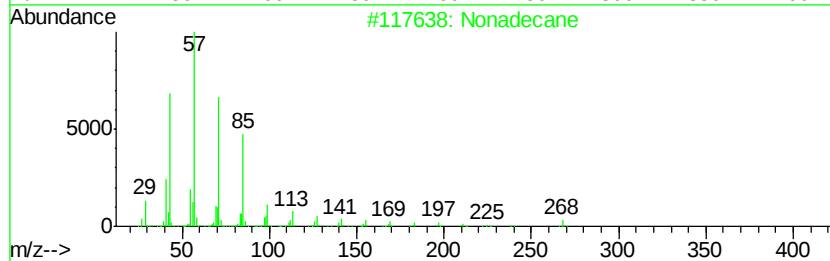
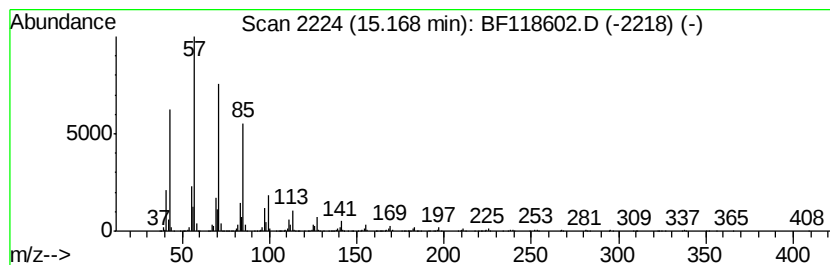
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	18.20 ng	2620830	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118602.D
Acq On : 20 Jan 2020 20:24
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Misc :
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ClientSampleId :
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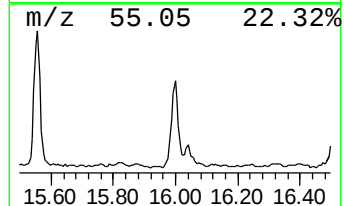
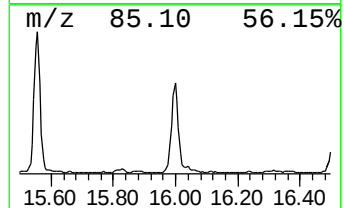
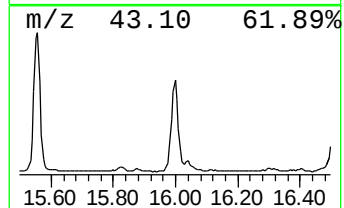
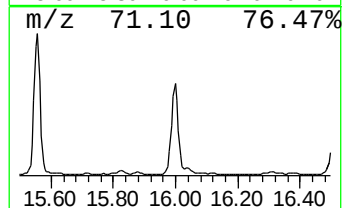
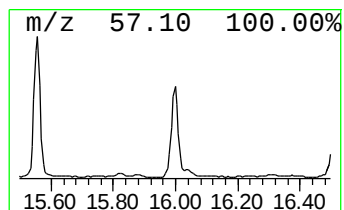
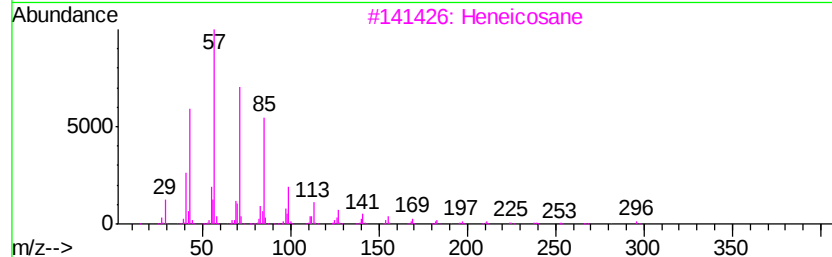
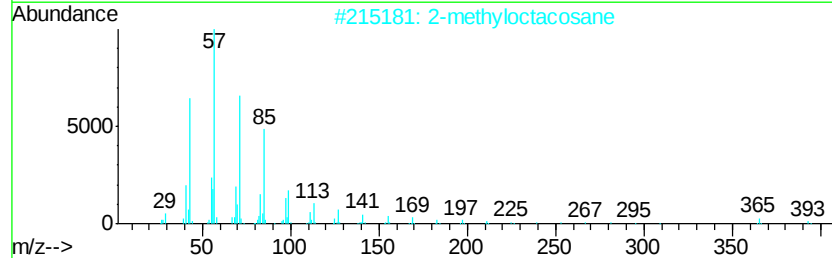
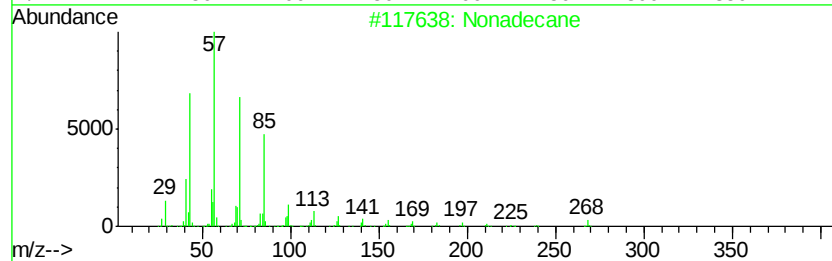
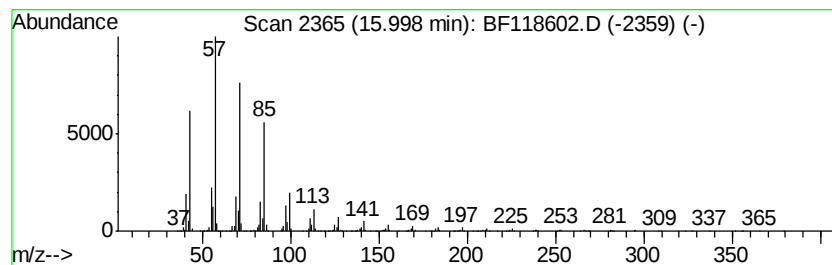
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	12.60 ng	1815010	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118602.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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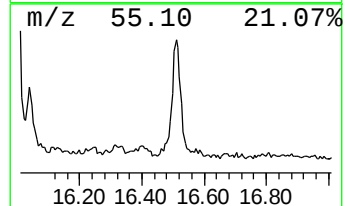
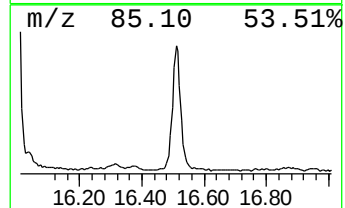
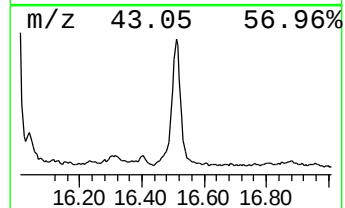
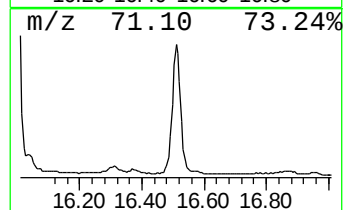
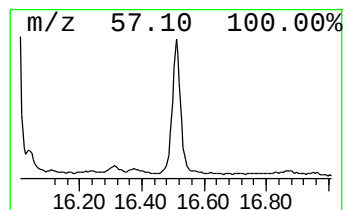
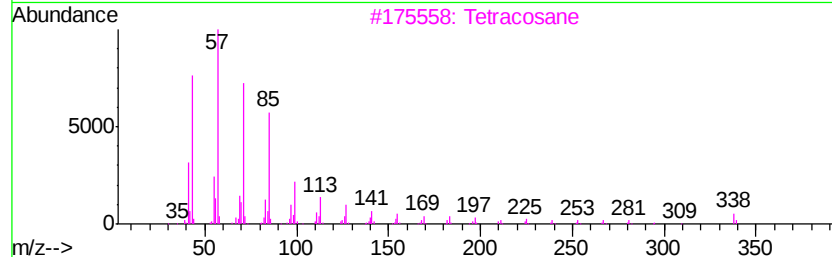
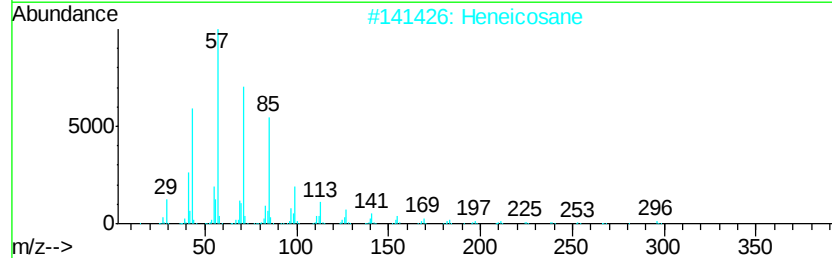
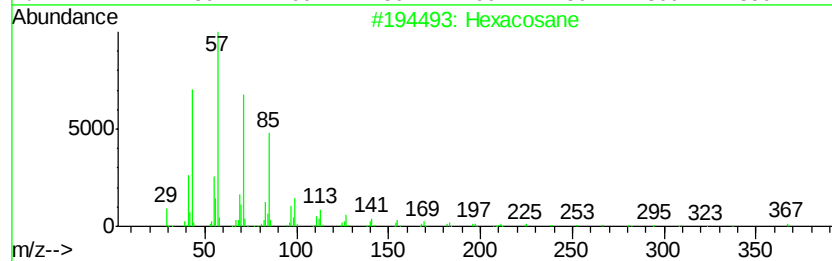
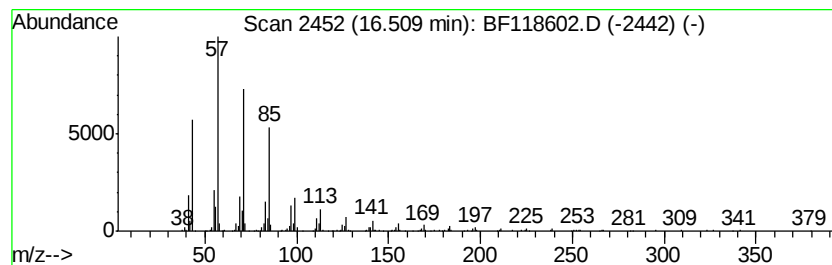
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	7.71 ng	1110360	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118602.D
Acq On : 20 Jan 2020 20:24
Operator : CG/JU
Sample : L1176-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-13

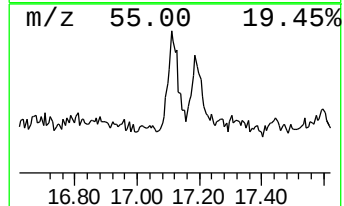
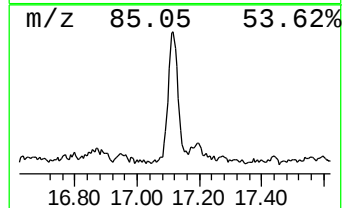
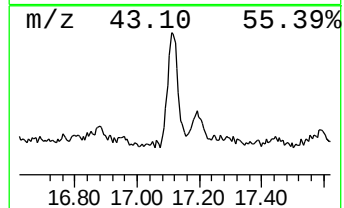
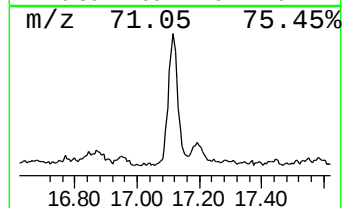
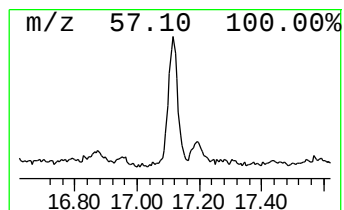
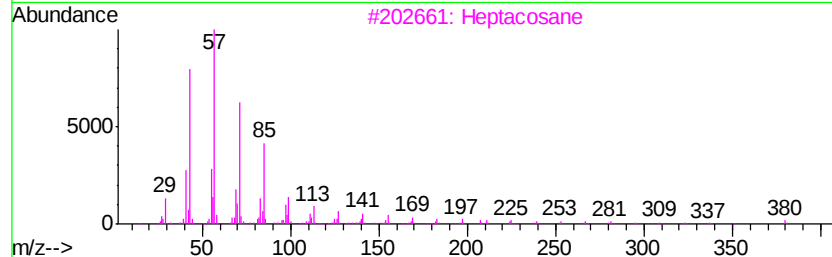
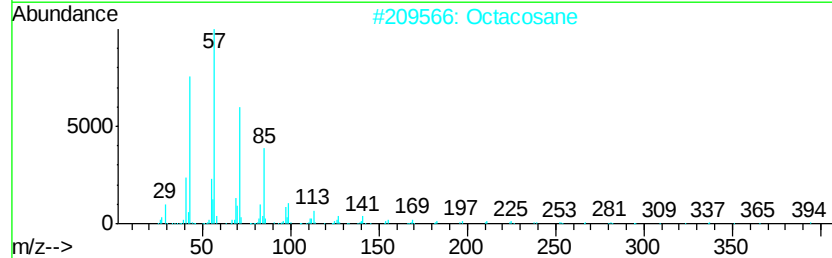
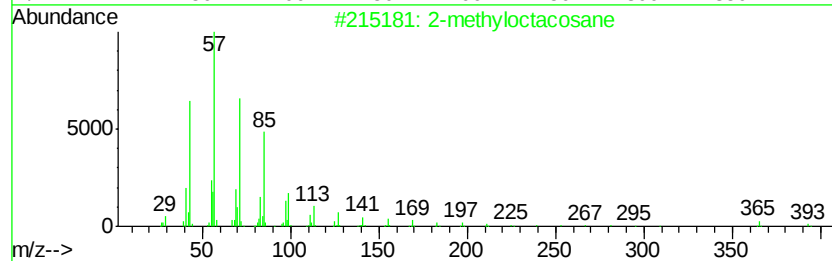
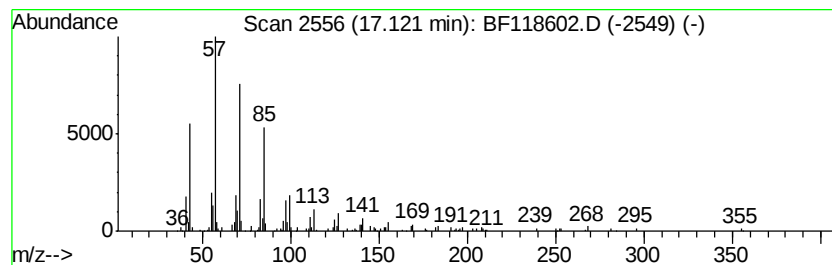
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.01 ng	289214	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Docosane	310	C22H46	000629-97-0	87
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012020\
 Data File : BF118602.D
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 Operator : CG/JU
 Sample : L1176-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

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...	2.23	16.3	ng	2432270	1	6.88	2981430	20.0
2-Pentanone, 4-hy...	5.11	16.7	ng	2494030	1	6.88	2981430	20.0
unknown6.65	6.65	82.4	ng	12286500	1	6.88	2981430	20.0
n-Hexadecanoic acid	11.93	4.1	ng	933978	4	11.40	4568340	20.0
1-Heneicosanol	13.88	13.2	ng	2043550	5	14.03	3095500	20.0
Pentadecane, 8-he...	14.21	7.3	ng	1124150	5	14.03	3095500	20.0
Hexadecane	14.52	12.9	ng	1997220	5	14.03	3095500	20.0
Hexacosane	14.83	17.0	ng	2450690	6	15.51	2880520	20.0
Squalene	14.90	5.3	ng	758038	6	15.51	2880520	20.0
Nonadecane	15.17	18.2	ng	2620830	6	15.51	2880520	20.0
2-methyloctacosane	16.00	12.6	ng	1815010	6	15.51	2880520	20.0
Tetracosane	16.51	7.7	ng	1110360	6	15.51	2880520	20.0
Octacosane	17.12	2.0	ng	289214	6	15.51	2880520	20.0