

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032420\
 Data File : BF119488.D
 Acq On : 24 Mar 2020 14:37
 Operator : CG/JU
 Sample : L2008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

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	5.045	495	503	510	rBV	176744	217004	2.02%	0.292%
2	5.451	567	572	575	rBV	4168094	4011138	37.32%	5.395%
3	6.457	738	743	748	rBV	2933215	2516475	23.41%	3.385%
4	6.663	775	778	784	rVB	219395	198914	1.85%	0.268%
5	6.840	804	808	812	rBV	1923305	1671538	15.55%	2.248%
6	6.998	831	835	839	rVB	6925510	6920170	64.39%	9.308%
7	7.404	898	904	907	rBV	5283063	5980665	55.64%	8.044%
8	8.128	1022	1027	1030	rBV	2574635	2154378	20.04%	2.898%
9	9.210	1205	1211	1214	rBV	10900017	10449652	97.22%	14.055%
10	9.598	1273	1277	1280	rBV	1467373	1134936	10.56%	1.527%
11	9.886	1319	1326	1329	rBV	2995609	2474130	23.02%	3.328%
12	10.680	1454	1461	1464	rBV	6677323	7035469	65.46%	9.463%
13	11.374	1575	1579	1582	rBV	3177638	2529644	23.54%	3.402%
14	11.539	1604	1607	1612	rBV	187076	176335	1.64%	0.237%
15	11.904	1665	1669	1674	rBV	1520932	1488643	13.85%	2.002%
16	12.651	1794	1796	1799	rVB	156028	125299	1.17%	0.169%
17	12.692	1799	1803	1812	rBV	804609	853024	7.94%	1.147%
18	12.969	1845	1850	1853	rBV	10426135	10748107	100.00%	14.456%
19	13.198	1884	1889	1893	rBV3	82151	128619	1.20%	0.173%
20	13.545	1943	1948	1955	rVB4	132532	199964	1.86%	0.269%
21	13.868	1999	2003	2013	rBV	1684398	2012232	18.72%	2.706%
22	14.015	2024	2028	2032	rBV	2647394	2315297	21.54%	3.114%
23	14.192	2054	2058	2067	rVB	463326	475695	4.43%	0.640%
24	14.492	2106	2109	2119	rBV	742794	826930	7.69%	1.112%
25	14.804	2158	2162	2167	rBV	1056556	981375	9.13%	1.320%
26	14.880	2171	2175	2181	rVB	730240	721845	6.72%	0.971%
27	15.145	2216	2220	2224	rBV	991120	1067518	9.93%	1.436%
28	15.404	2258	2264	2272	rVB9	75573	188735	1.76%	0.254%
29	15.486	2272	2278	2282	rVV	1522923	1946174	18.11%	2.618%
30	15.533	2282	2286	2296	rVB	777415	1048237	9.75%	1.410%
31	15.968	2355	2360	2366	rBV	475649	750619	6.98%	1.010%
32	16.027	2366	2370	2379	rVV	165312	339140	3.16%	0.456%
33	16.386	2427	2431	2441	rVB10	62660	118034	1.10%	0.159%
34	16.486	2442	2448	2460	rVB2	222713	430287	4.00%	0.579%

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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 >
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35	17.080	2545	2549	2554	rBV2	60630	112142	1.04%	0.151%
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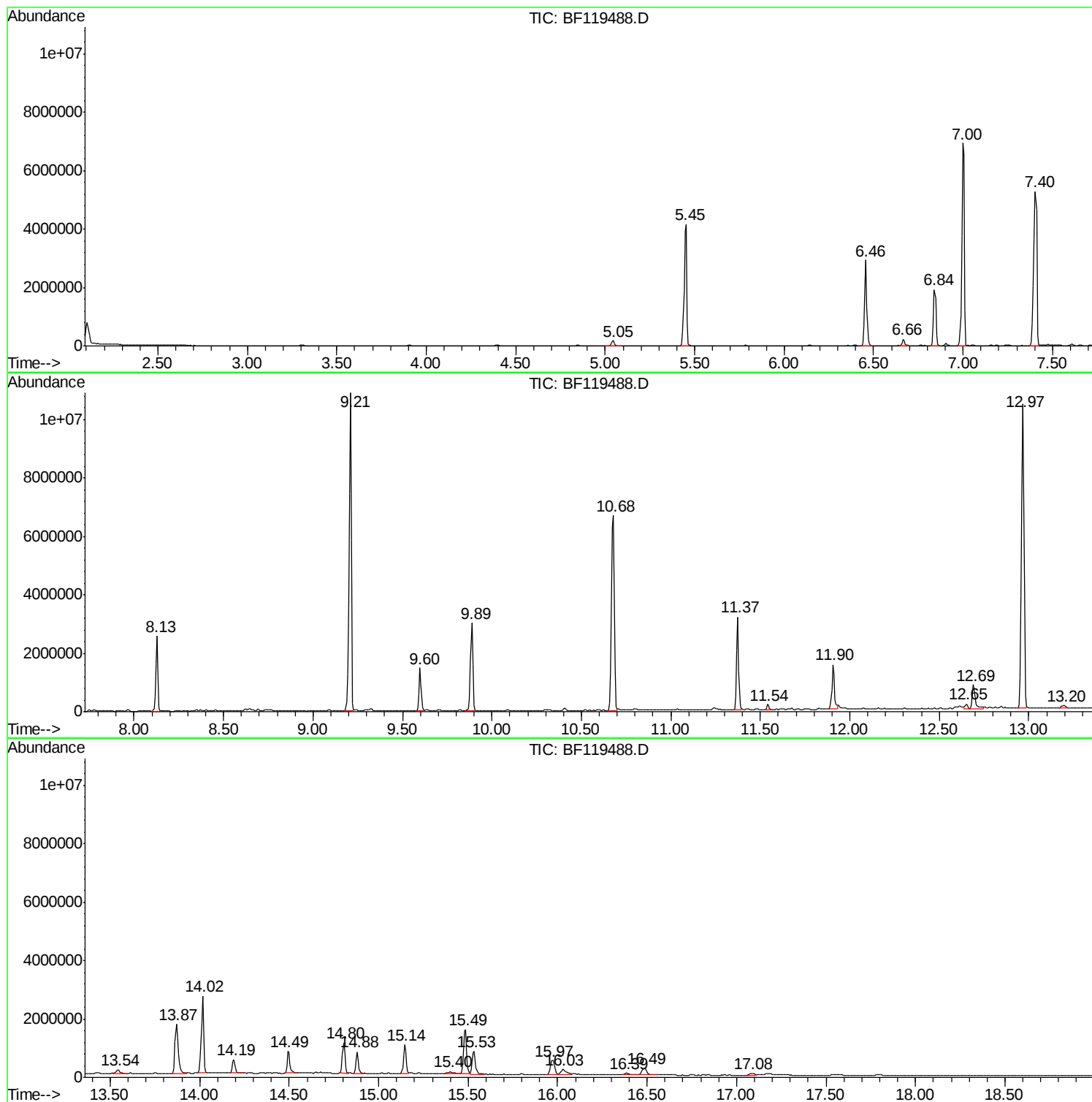
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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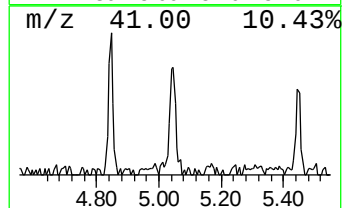
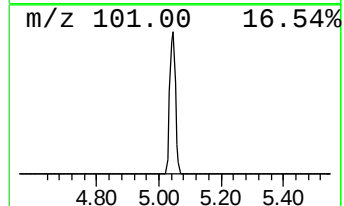
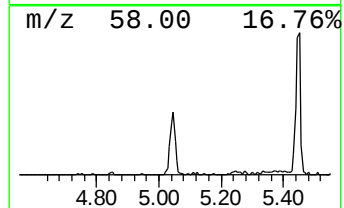
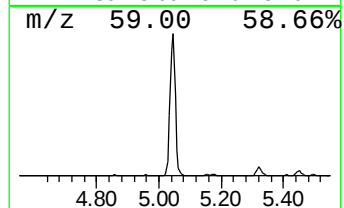
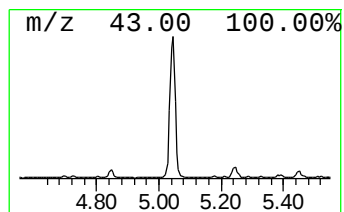
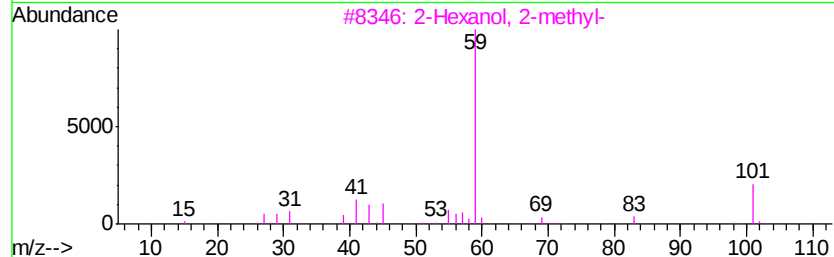
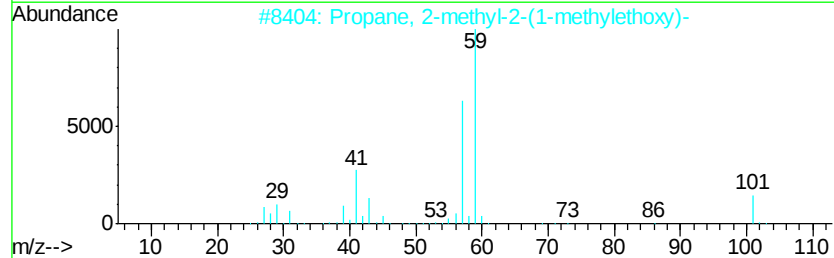
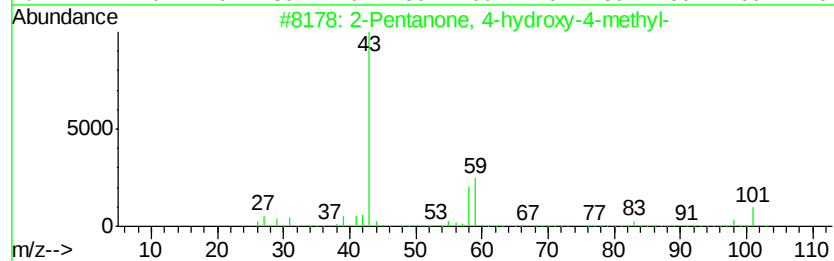
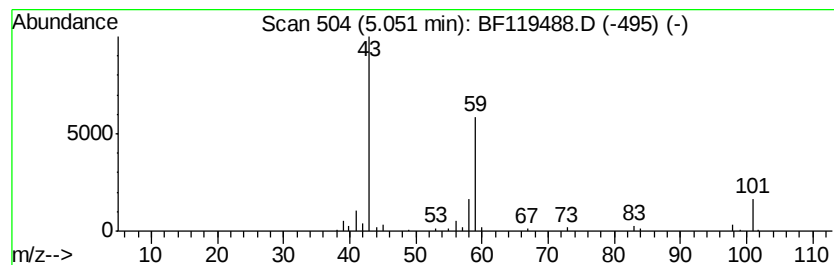
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.60 ng	217004	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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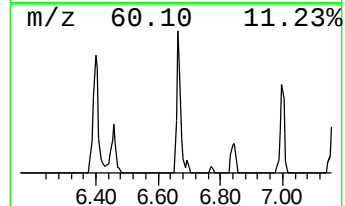
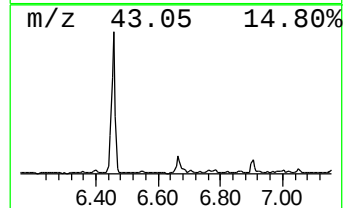
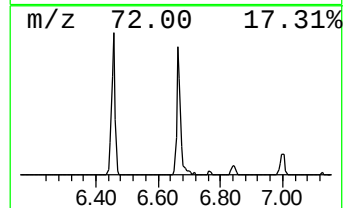
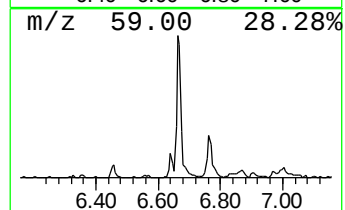
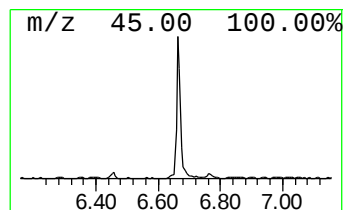
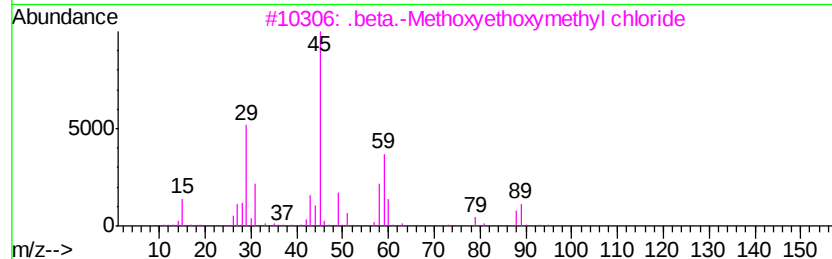
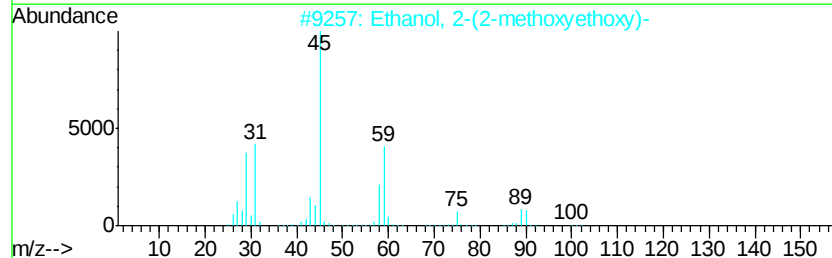
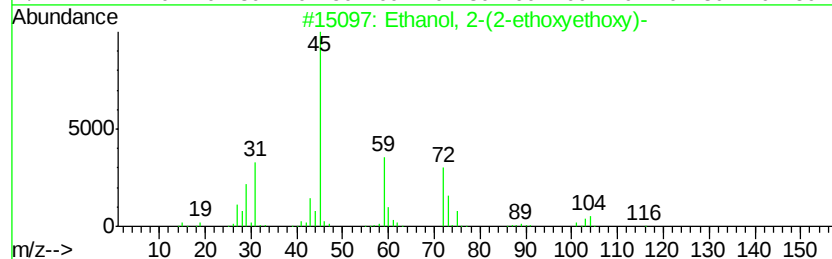
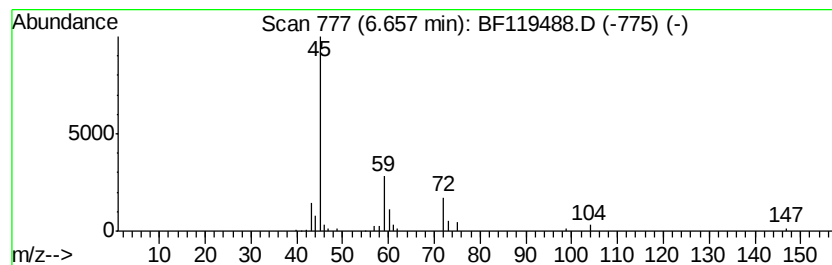
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	2.38 ng	198914	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxvethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-(2-methoxvethoxy)-	120	C5H12O3	000111-77-3	45
3		.beta.-Methoxvethoxvmethyl chloride	124	C4H9ClO2	003970-21-6	38
4		L-Lactic acid	90	C3H6O3	000079-33-4	38
5		Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	36



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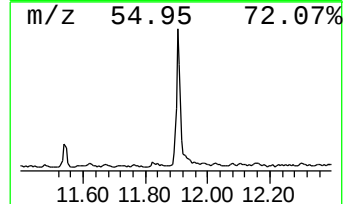
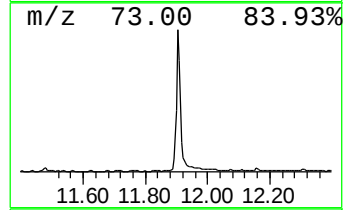
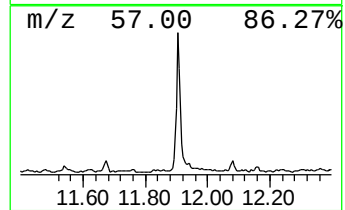
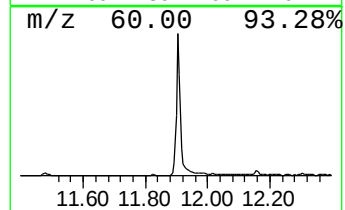
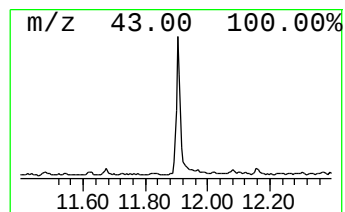
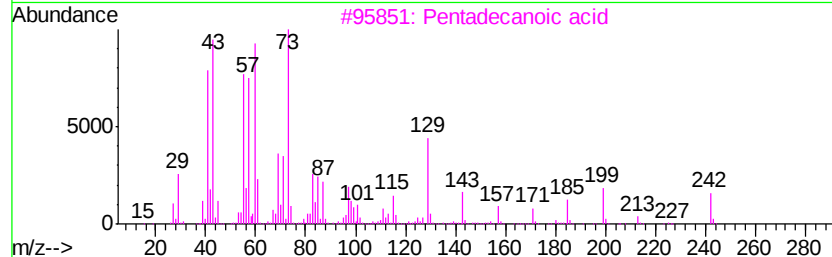
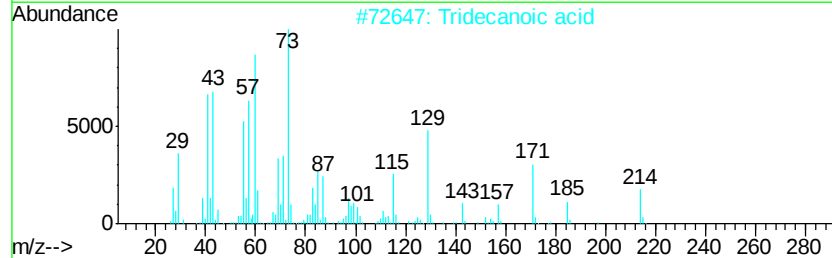
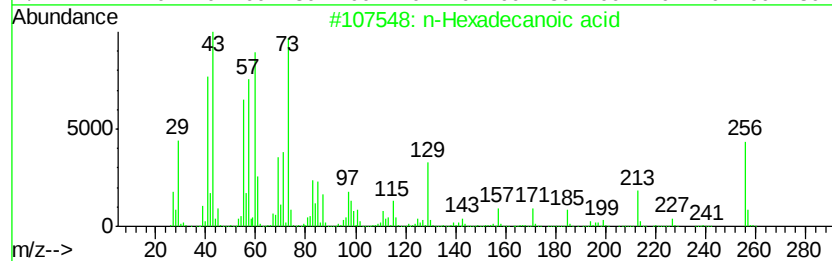
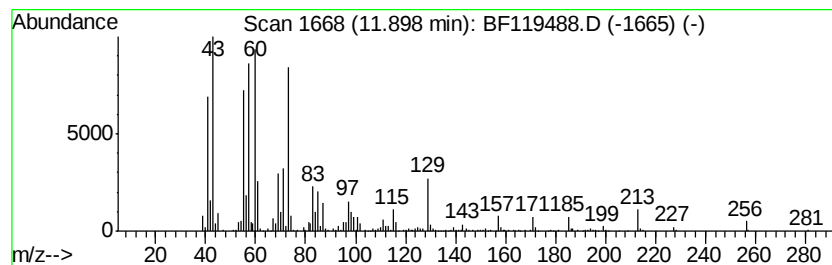
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	11.77 ng	1488640	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Dodecanoic acid	200	C12H24O2	000143-07-7	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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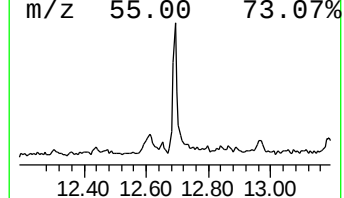
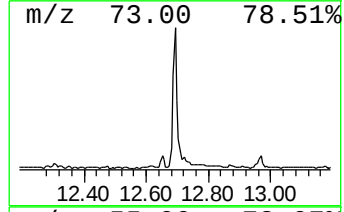
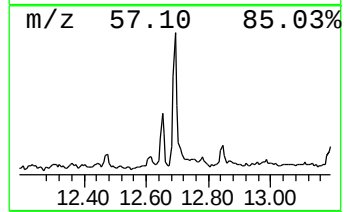
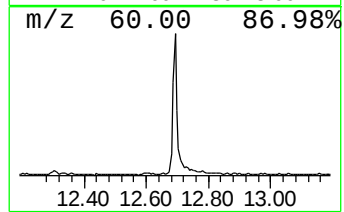
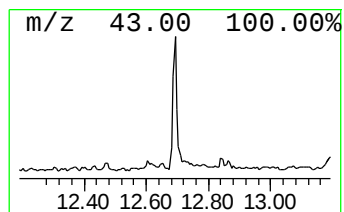
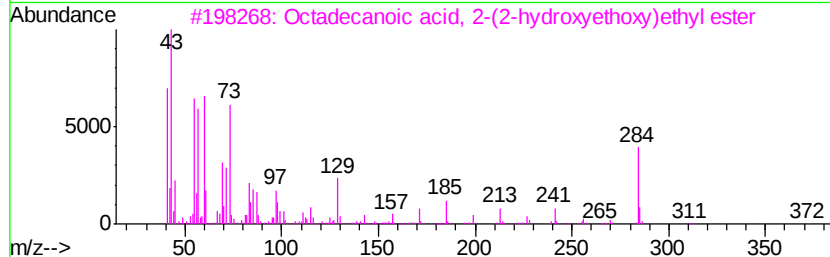
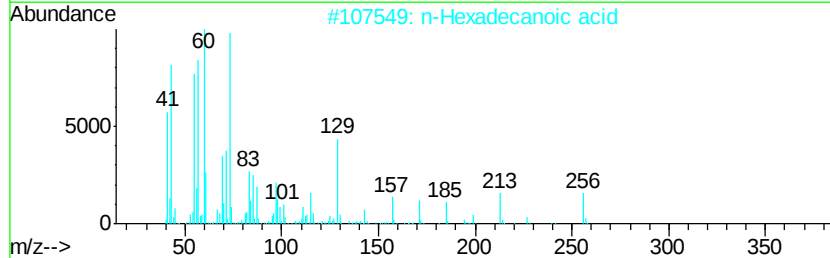
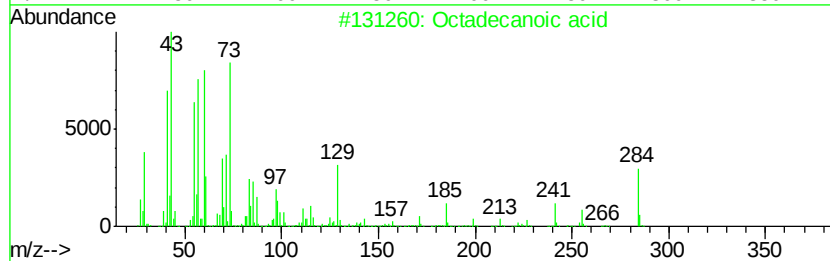
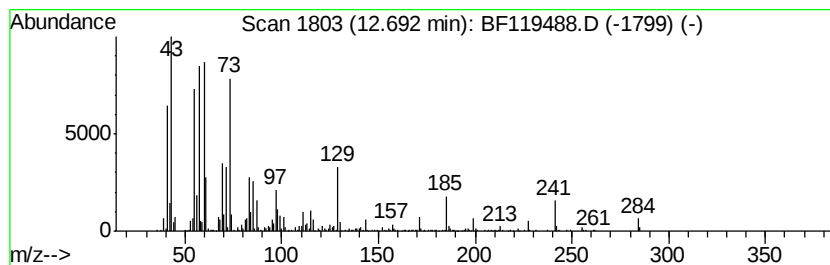
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.74 ng	853024	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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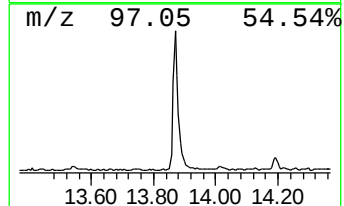
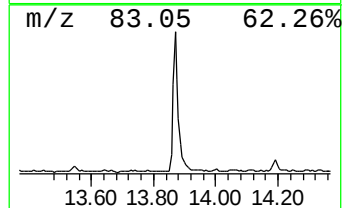
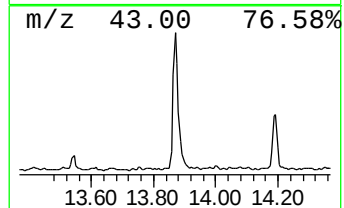
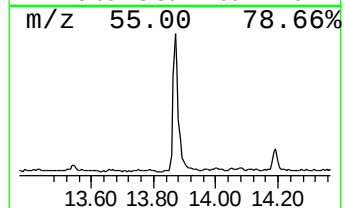
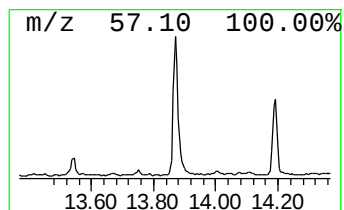
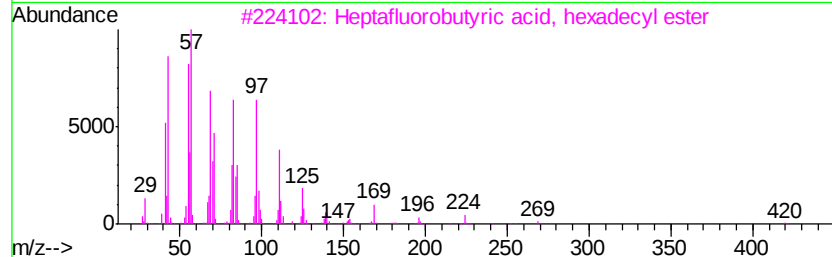
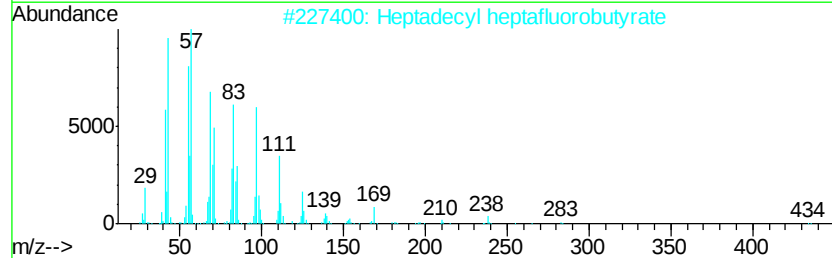
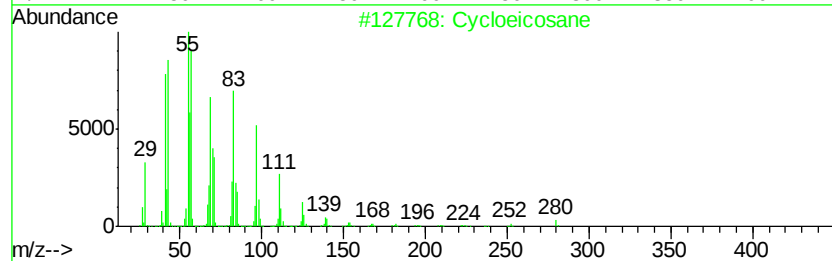
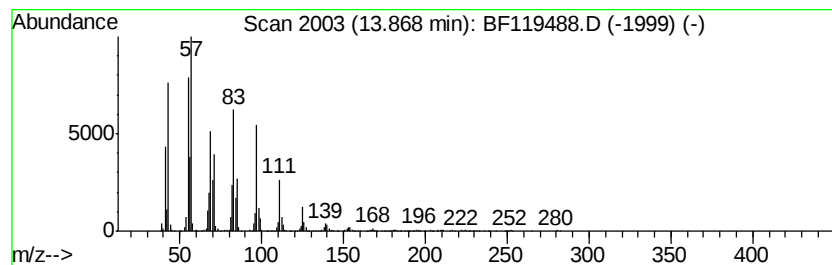
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Peak Number 6 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	17.38 ng	2012230	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloeicosane	280	C20H40	000296-56-0	95
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119488.D
Acq On : 24 Mar 2020 14:37
Operator : CG/JU
Sample : L2008-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

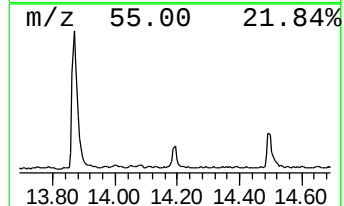
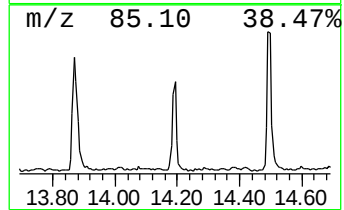
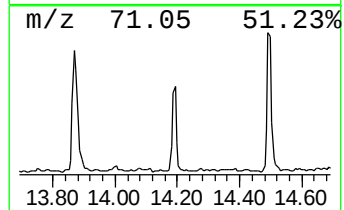
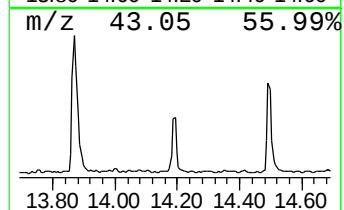
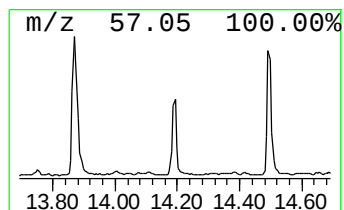
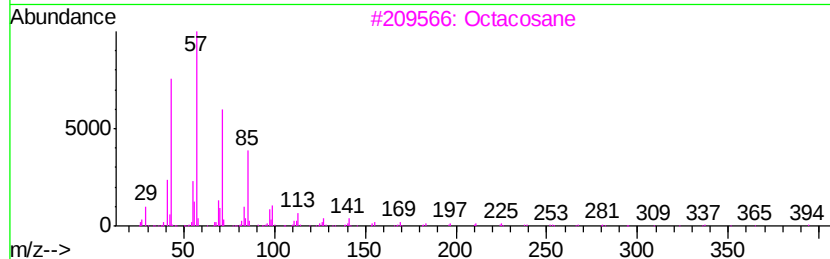
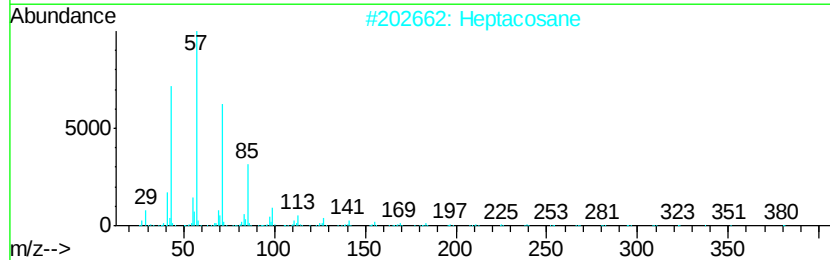
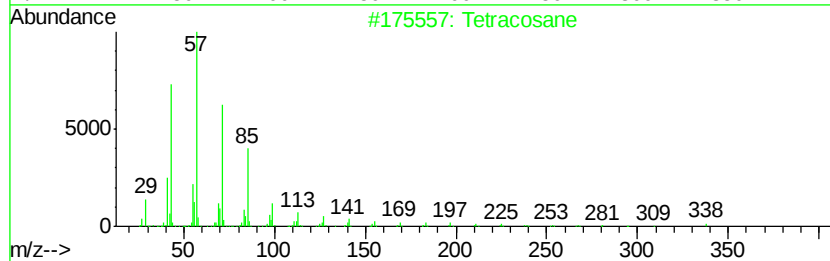
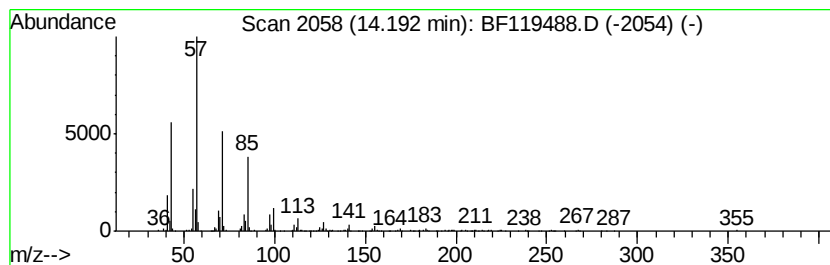
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	4.11 ng	475695	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane	212	C15H32	000629-62-9	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
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 Acq On : 24 Mar 2020 14:37
 Operator : CG/JU
 Sample : L2008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

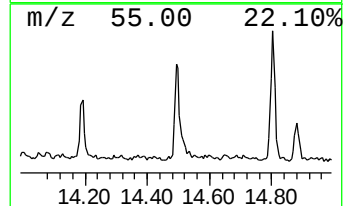
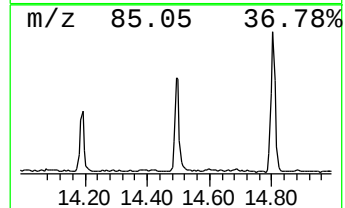
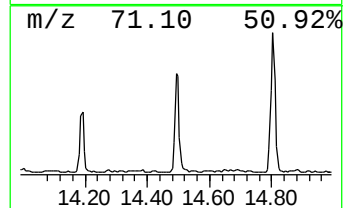
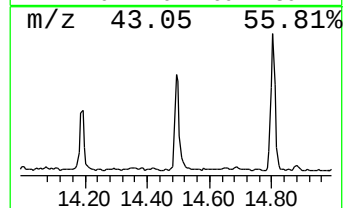
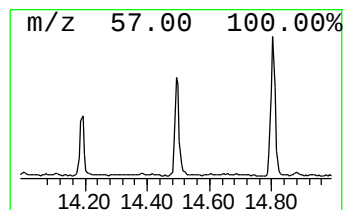
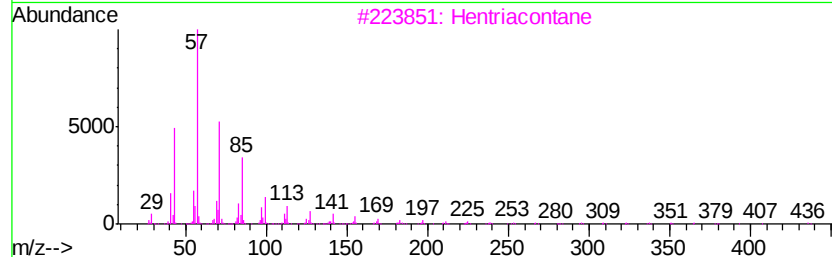
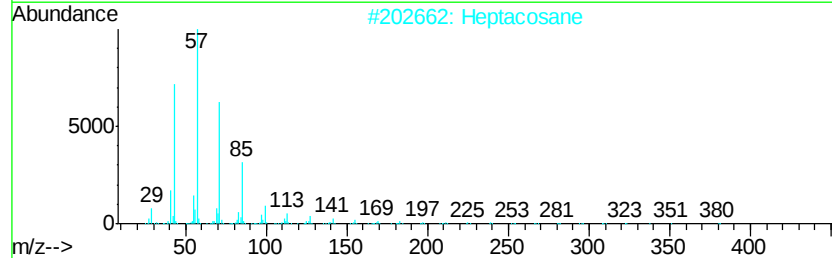
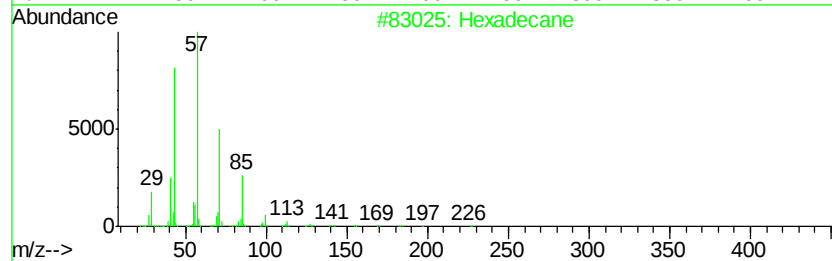
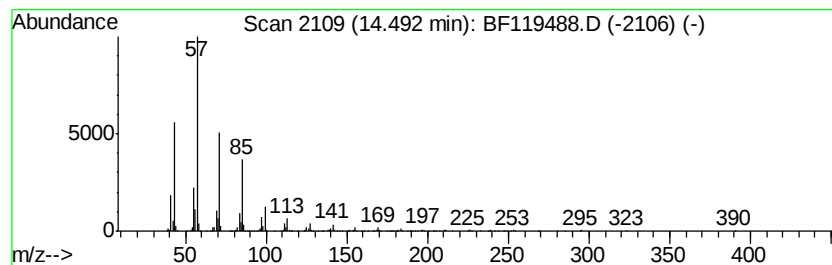
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.49	7.14 ng	826930	Chrysene-d12		14.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Hexatriacontane	507	C36H74	000630-06-8	91
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119488.D
Acq On : 24 Mar 2020 14:37
Operator : CG/JU
Sample : L2008-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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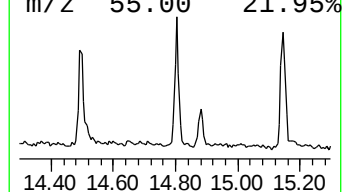
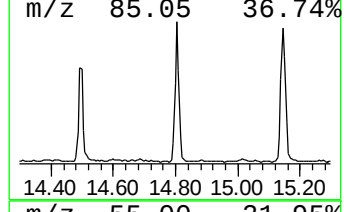
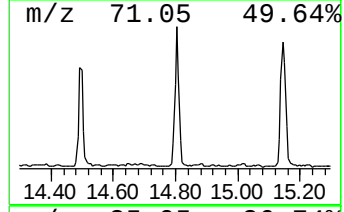
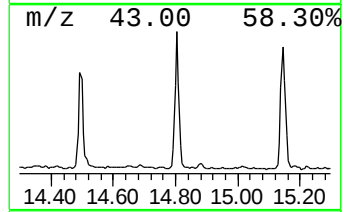
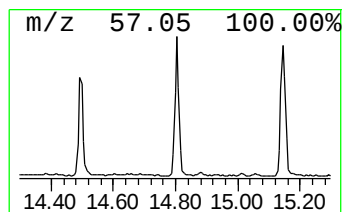
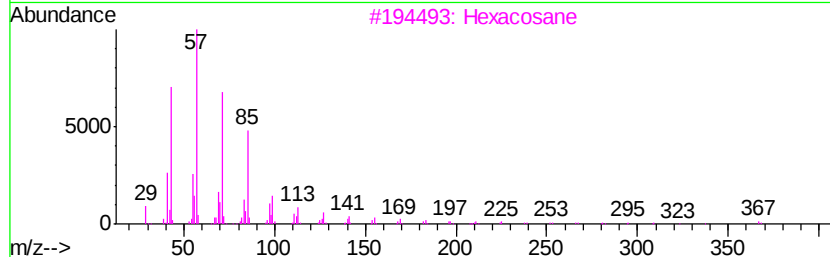
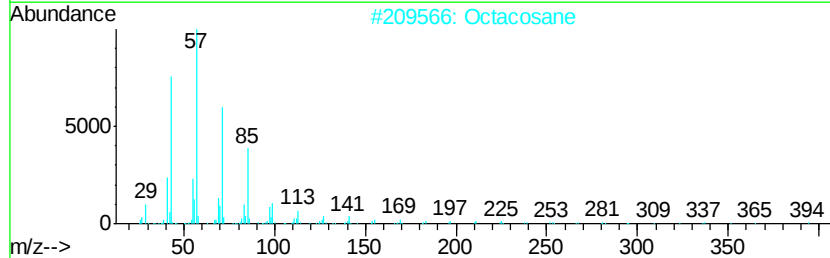
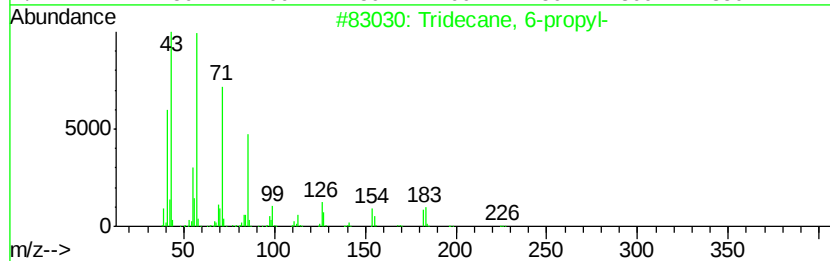
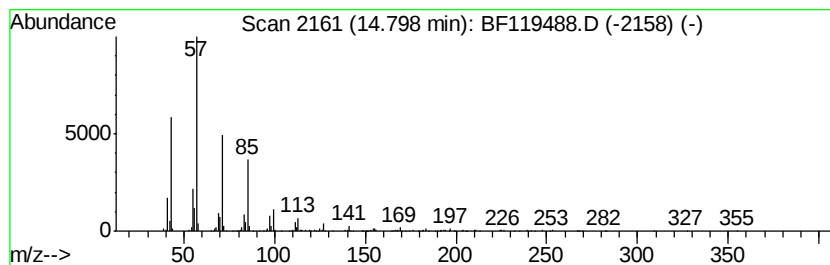
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	10.09 ng	981375	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119488.D
Acq On : 24 Mar 2020 14:37
Operator : CG/JU
Sample : L2008-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

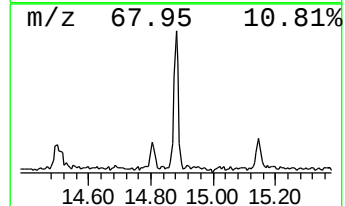
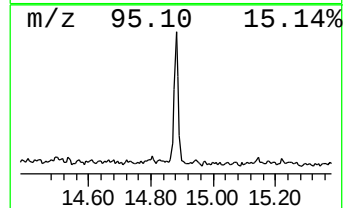
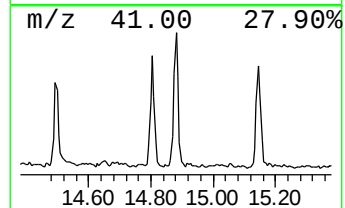
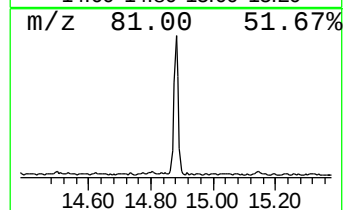
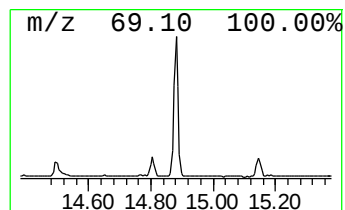
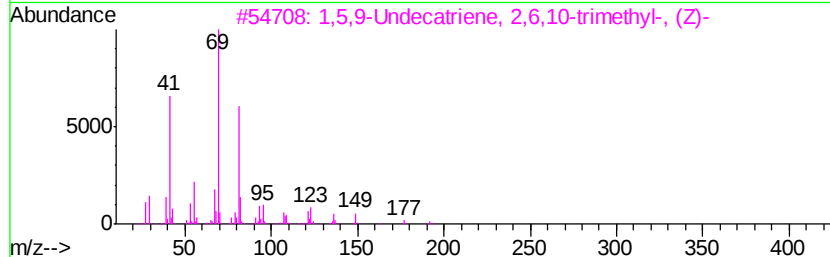
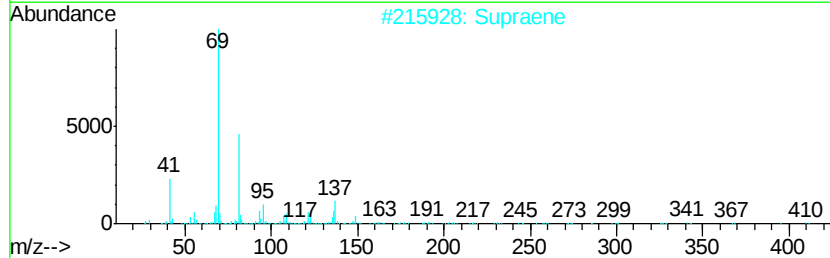
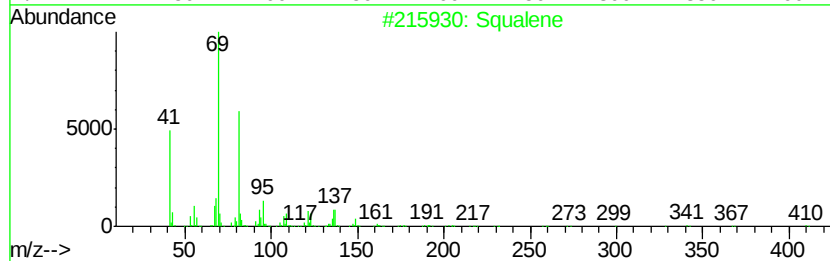
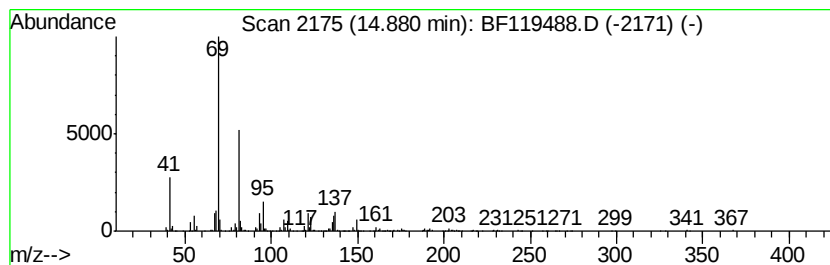
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.42 ng	721845	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	87
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119488.D
Acq On : 24 Mar 2020 14:37
Operator : CG/JU
Sample : L2008-03
Misc :
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Instrument :
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ClientSampleId :
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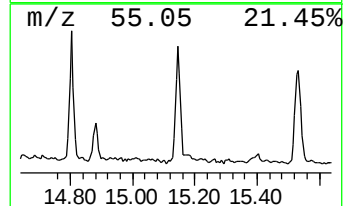
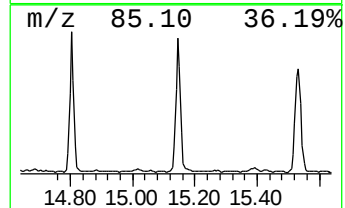
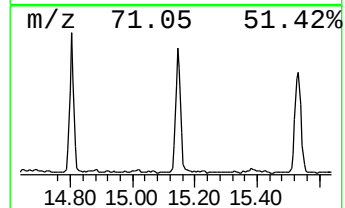
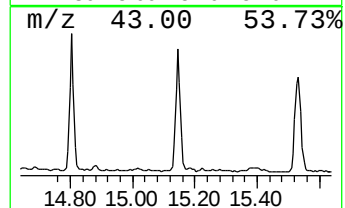
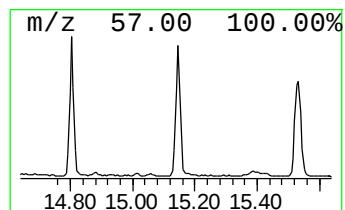
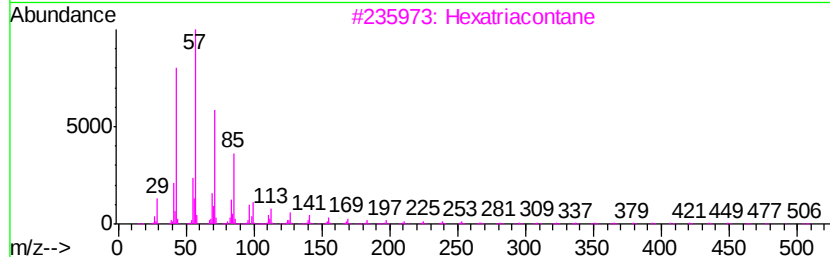
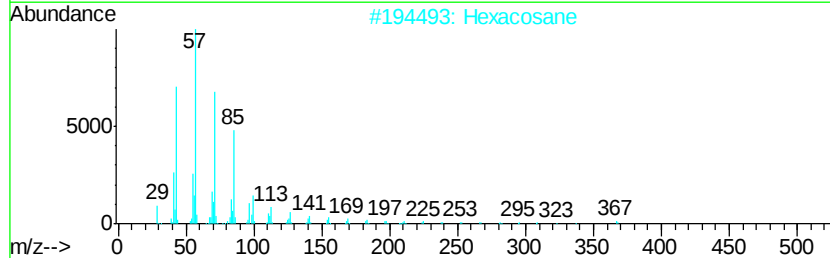
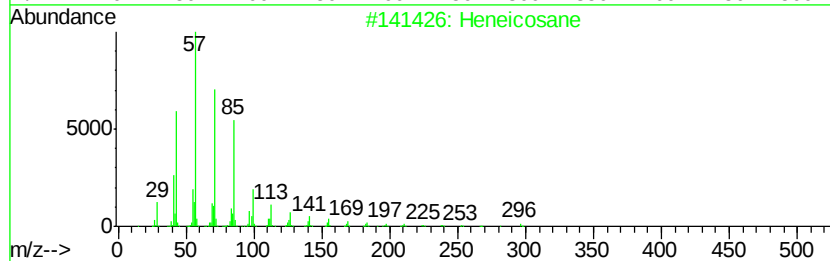
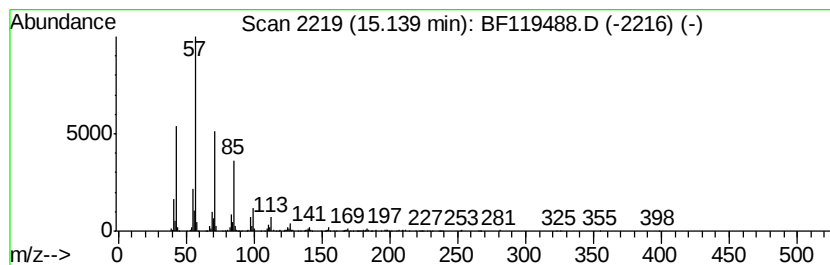
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	10.97 ng	1067520	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexacosane		366	C26H54	000630-01-3	87
3	Hexatriacontane		507	C36H74	000630-06-8	83
4	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	83
5	Hexadecane		226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119488.D
Acq On : 24 Mar 2020 14:37
Operator : CG/JU
Sample : L2008-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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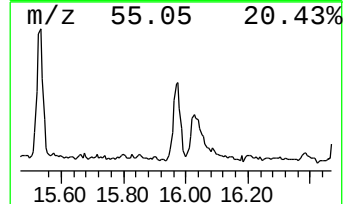
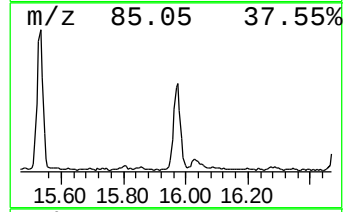
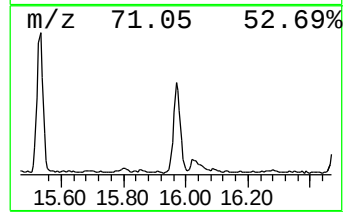
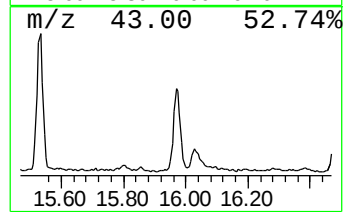
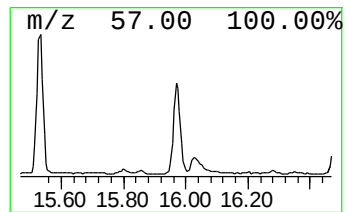
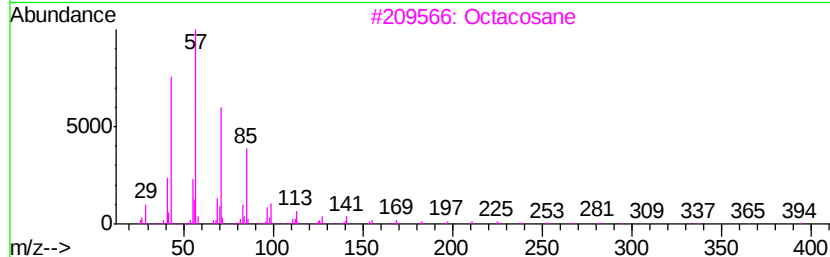
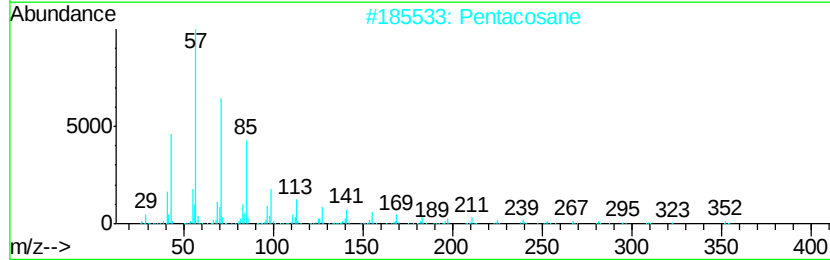
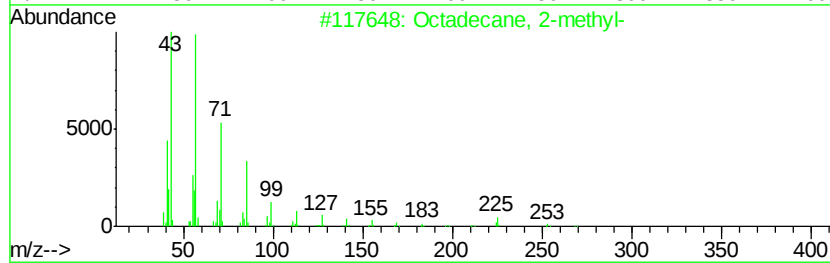
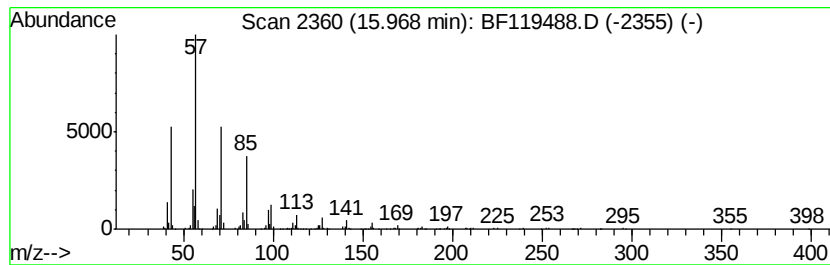
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.71 ng	750619	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Pentacosane	352	C25H52	000629-99-2	91
3			Octacosane	394	C28H58	000630-02-4	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119488.D
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Sample : L2008-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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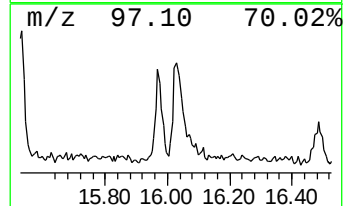
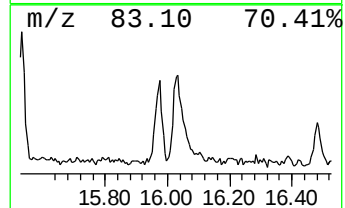
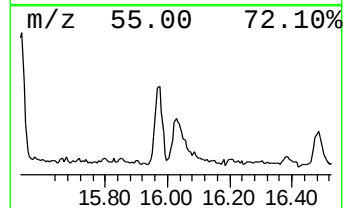
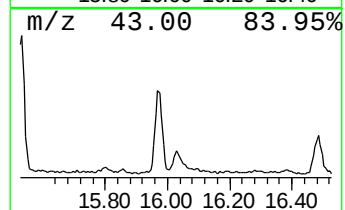
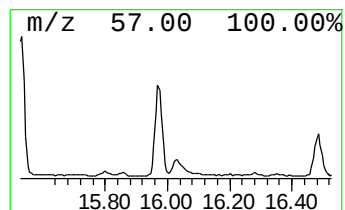
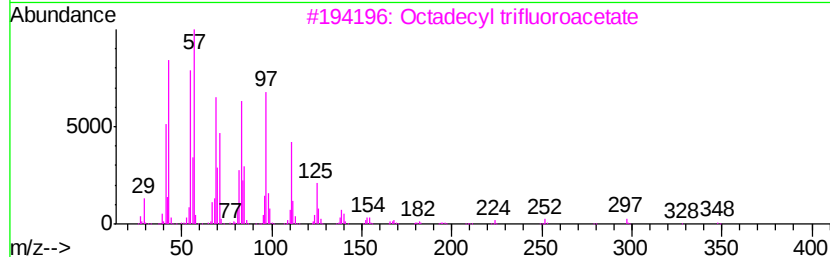
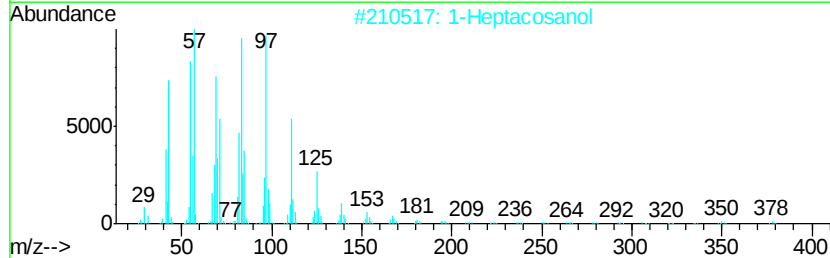
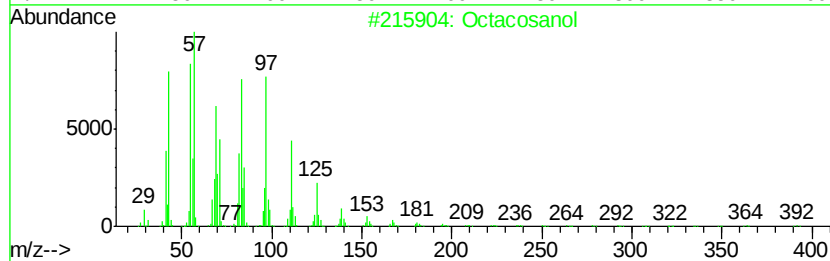
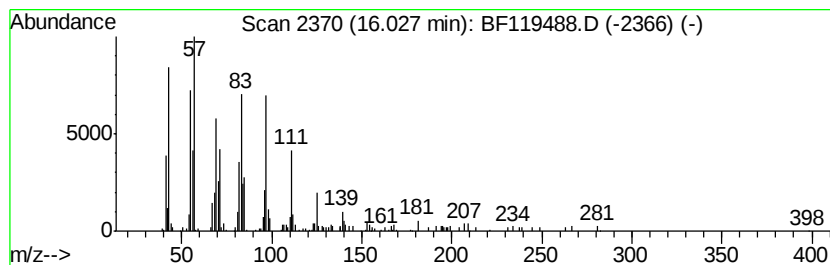
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.49 ng	339140	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
5		Octacosyl acetate	452	C30H60O2	018206-97-8	90



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 Data File : BF119488.D
 Acq On : 24 Mar 2020 14:37
 Operator : CG/JU
 Sample : L2008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

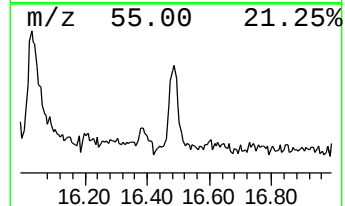
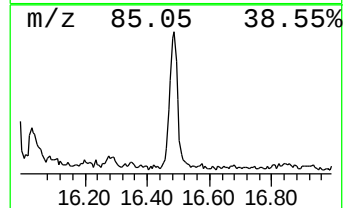
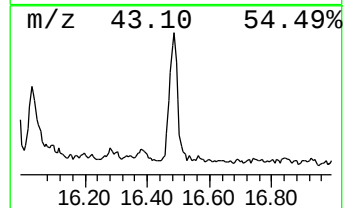
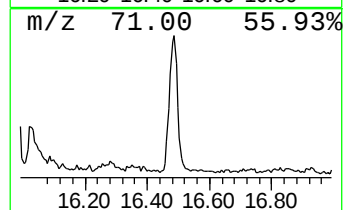
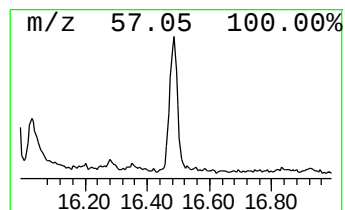
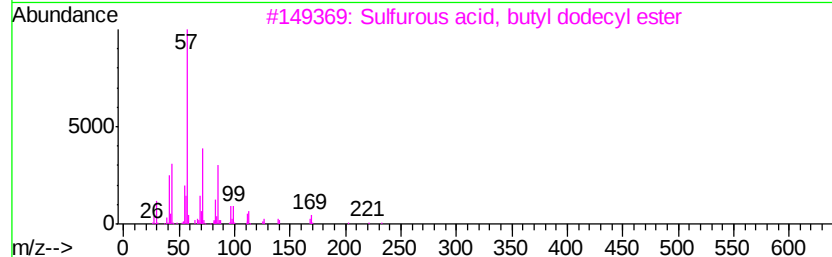
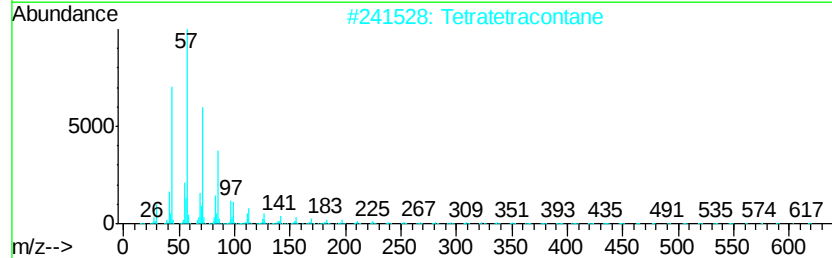
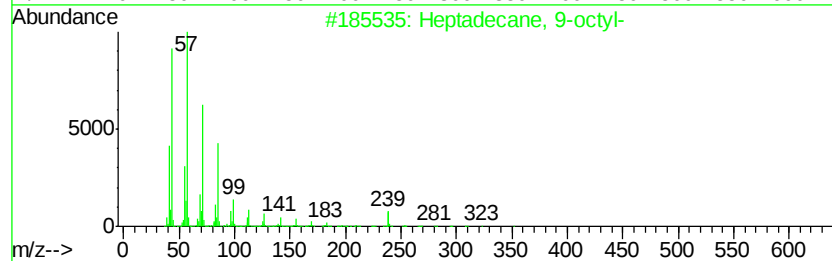
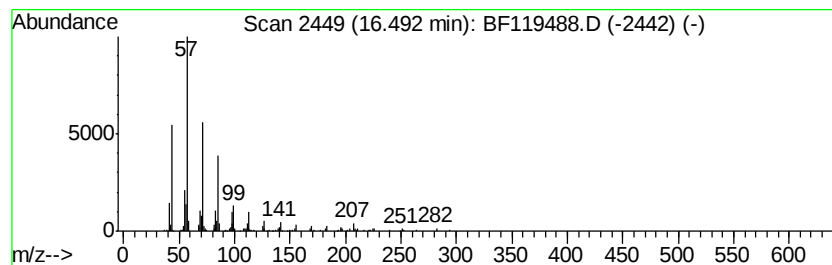
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	4.42 ng	430287	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032420\
 Data File : BF119488.D
 Acq On : 24 Mar 2020 14:37
 Operator : CG/JU
 Sample : L2008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

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
2-Pentanone, 4-hy...	5.05	2.6	ng	217004	1	6.84	1671540	20.0
Ethanol, 2-(2-eth...	6.66	2.4	ng	198914	1	6.84	1671540	20.0
n-Hexadecanoic acid	11.90	11.8	ng	1488640	4	11.37	2529640	20.0
Octadecanoic acid	12.69	6.7	ng	853024	4	11.37	2529640	20.0
Cycloeicosane	13.87	17.4	ng	2012230	5	14.02	2315300	20.0
Tetracosane	14.19	4.1	ng	475695	5	14.02	2315300	20.0
Hexadecane	14.49	7.1	ng	826930	5	14.02	2315300	20.0
Tridecane, 6-propyl-	14.80	10.1	ng	981375	6	15.49	1946170	20.0
Squalene	14.88	7.4	ng	721845	6	15.49	1946170	20.0
Heneicosane	15.14	11.0	ng	1067520	6	15.49	1946170	20.0
Octadecane, 2-met...	15.97	7.7	ng	750619	6	15.49	1946170	20.0
Octacosanol	16.03	3.5	ng	339140	6	15.49	1946170	20.0
Heptadecane, 9-oc...	16.49	4.4	ng	430287	6	15.49	1946170	20.0