

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119584.D
 Acq On : 27 Mar 2020 23:11
 Operator : CG/JU
 Sample : L2042-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01-(SB-04)

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	5.034	497	501	509	rVB	130569	151456	1.44%	0.211%
2	5.440	565	570	573	rBV	4065847	3673686	34.88%	5.110%
3	6.445	737	741	752	rBV	2713404	2414046	22.92%	3.358%
4	6.828	803	806	810	rBV	1967867	1837299	17.44%	2.556%
5	6.992	829	834	837	rBV	7051052	6864249	65.17%	9.548%
6	7.398	896	903	905	rBV	5366302	6012132	57.08%	8.363%
7	8.116	1020	1025	1028	rBV	2873494	2434099	23.11%	3.386%
8	9.198	1203	1209	1212	rBV	10473660	10516612	99.85%	14.629%
9	9.586	1271	1275	1278	rBV	1229645	956641	9.08%	1.331%
10	9.875	1317	1324	1327	rBV	3308475	2862140	27.17%	3.981%
11	10.663	1453	1458	1462	rBV	6112190	6167124	58.55%	8.579%
12	11.363	1573	1577	1580	rBV	3199874	2866904	27.22%	3.988%
13	11.892	1662	1667	1677	rBV	1567331	1770145	16.81%	2.462%
14	12.145	1707	1710	1713	rVB2	138338	113082	1.07%	0.157%
15	12.598	1781	1787	1797	rBV4	88981	222120	2.11%	0.309%
16	12.680	1797	1801	1811	rBV	618865	705675	6.70%	0.982%
17	12.957	1842	1848	1851	rBV	10140988	10532468	100.00%	14.651%
18	13.868	1998	2003	2019	rBV	966752	2161144	20.52%	3.006%
19	14.004	2021	2026	2029	rBV	2454061	2248795	21.35%	3.128%
20	14.174	2052	2055	2059	rBV	465578	395090	3.75%	0.550%
21	14.480	2103	2107	2111	rBV	738611	624062	5.93%	0.868%
22	14.786	2155	2159	2165	rVB	797220	813618	7.72%	1.132%
23	14.863	2168	2172	2176	rBV	949721	946326	8.98%	1.316%
24	15.127	2213	2217	2224	rVB	796723	872489	8.28%	1.214%
25	15.380	2255	2260	2269	rVB2	98625	171253	1.63%	0.238%
26	15.463	2269	2274	2278	rVV	1394987	1724068	16.37%	2.398%
27	15.510	2278	2282	2291	rVB	624392	825807	7.84%	1.149%
28	15.951	2351	2357	2363	rBV	383578	578110	5.49%	0.804%
29	16.051	2368	2374	2375	rBV2	79171	124769	1.18%	0.174%
30	16.457	2438	2443	2450	rBV2	170796	304614	2.89%	0.424%

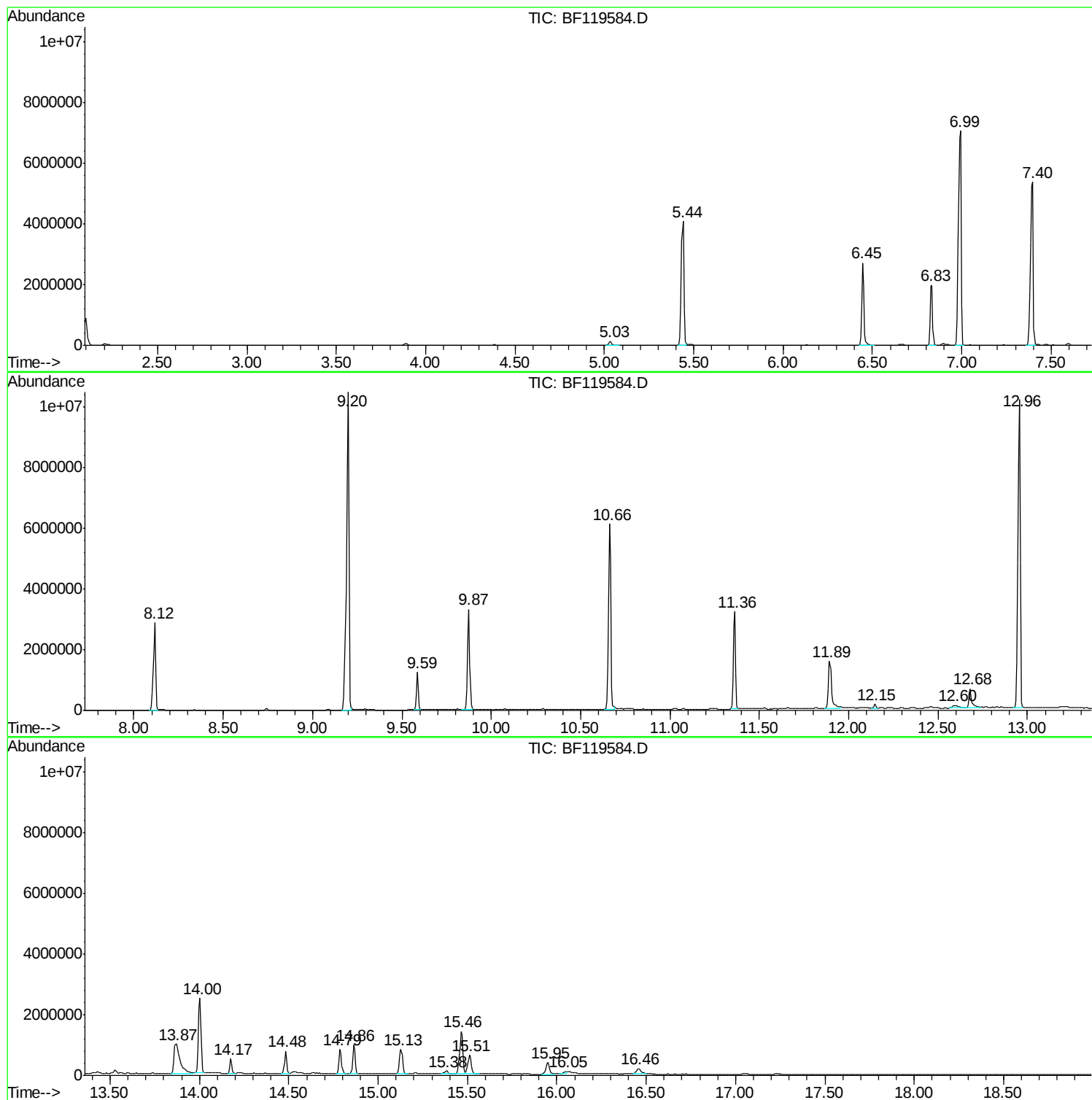
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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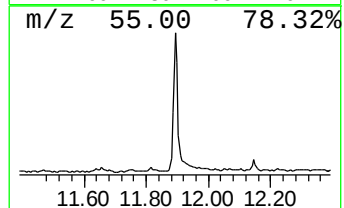
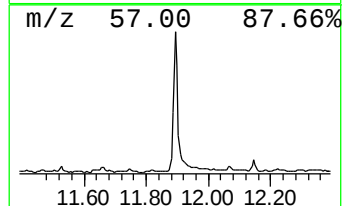
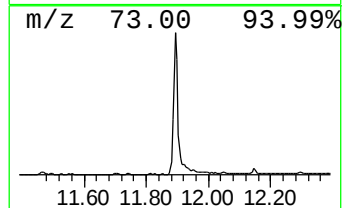
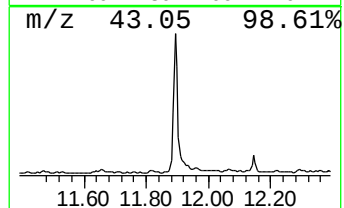
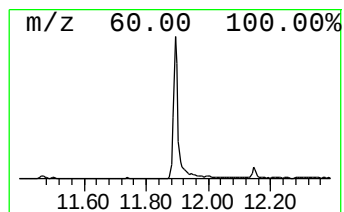
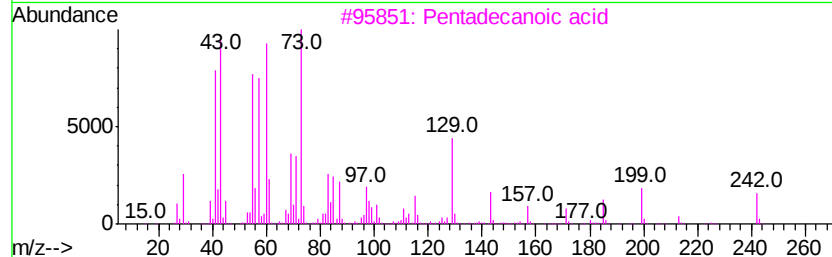
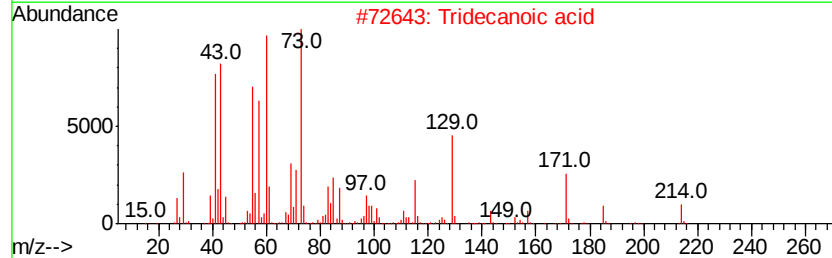
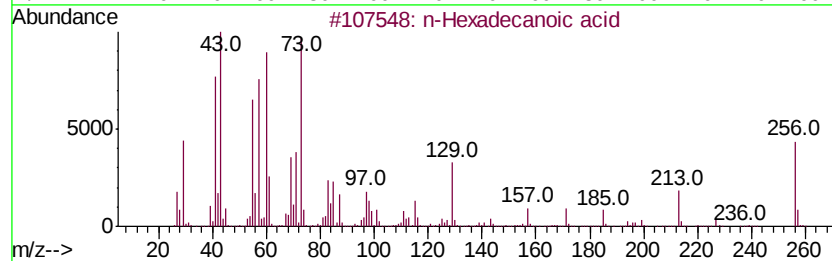
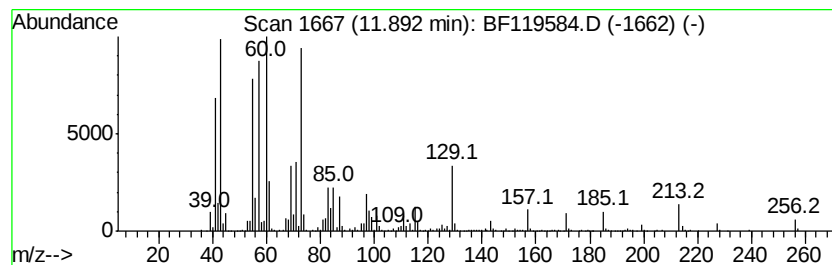
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.35 ng	1770150	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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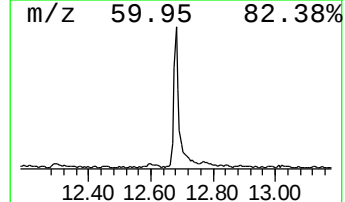
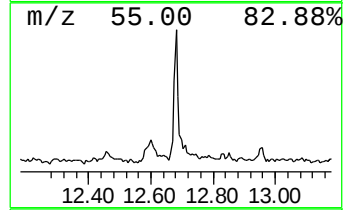
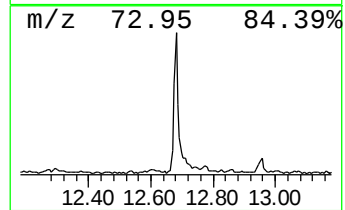
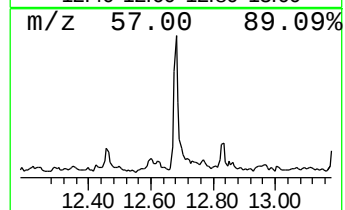
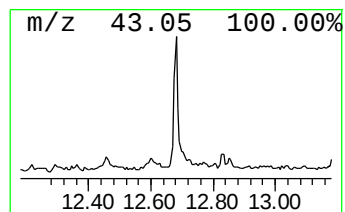
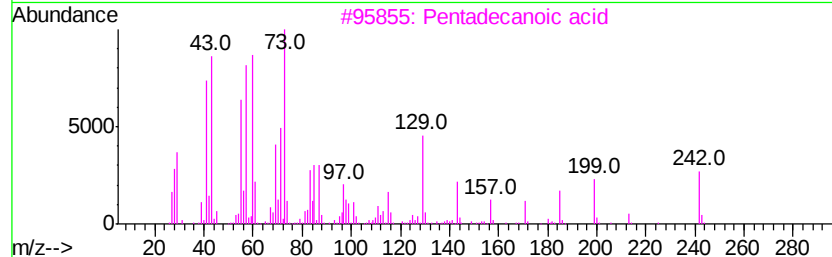
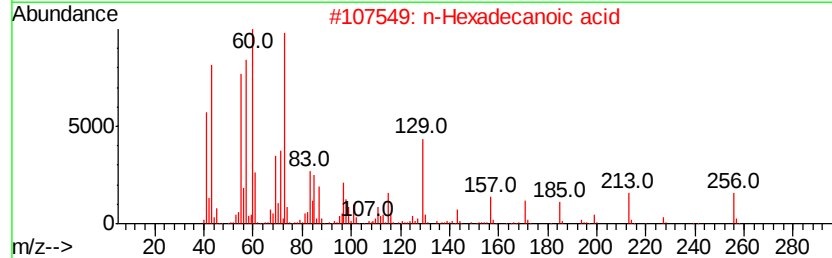
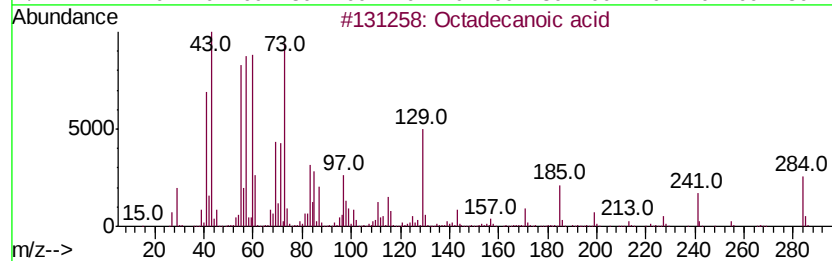
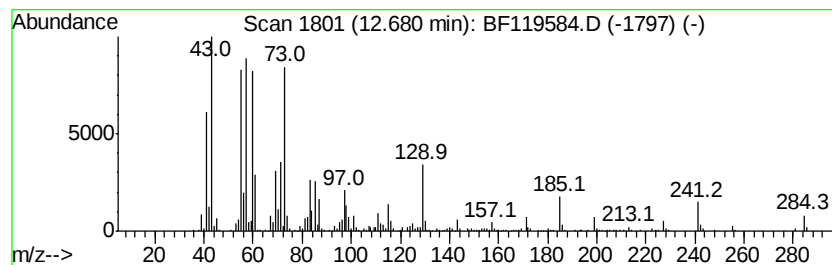
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.92 ng	705675	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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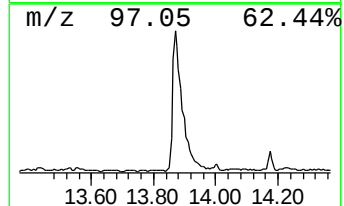
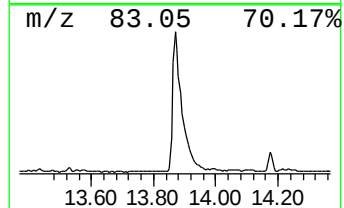
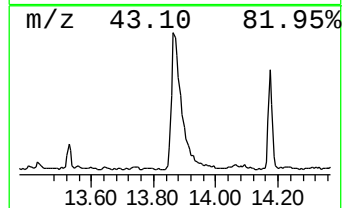
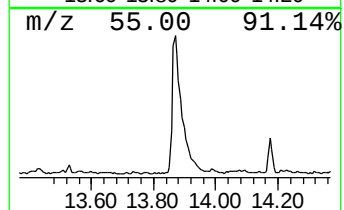
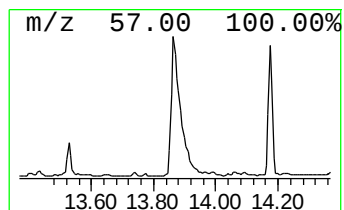
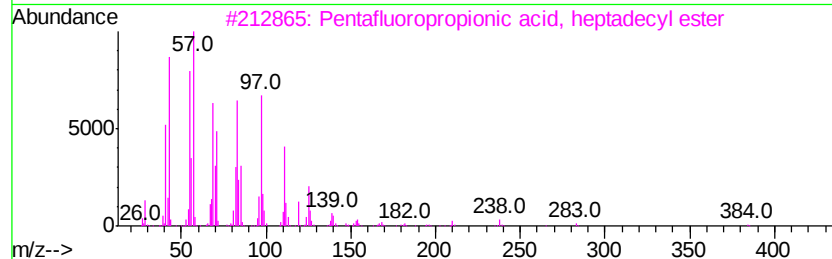
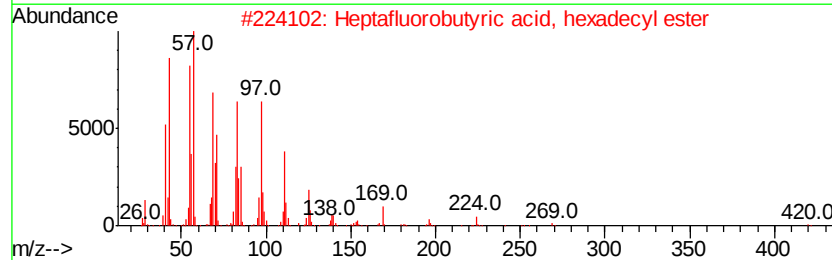
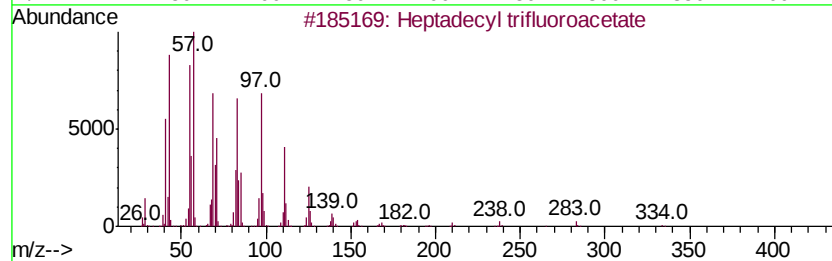
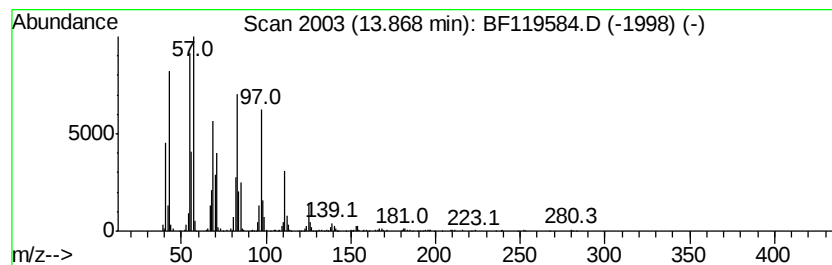
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	19.22 ng	2161140	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91



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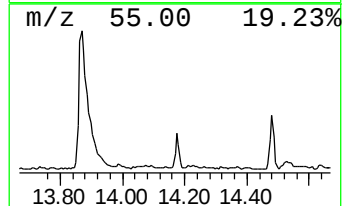
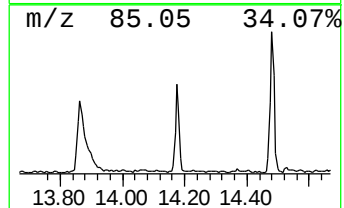
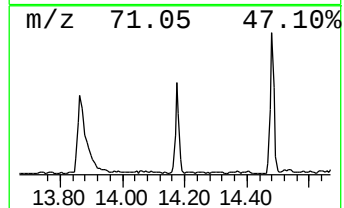
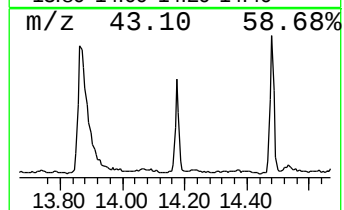
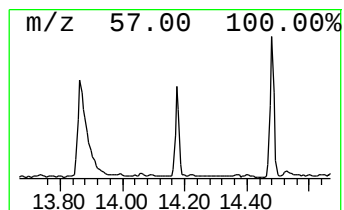
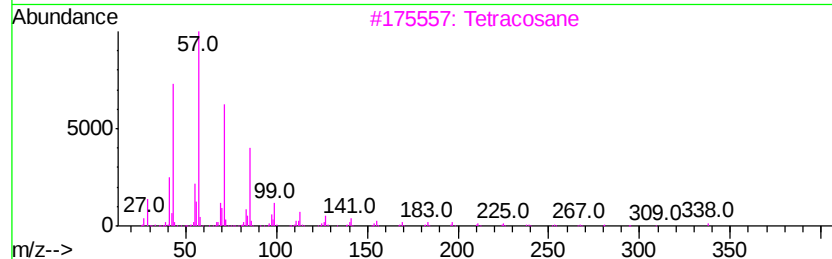
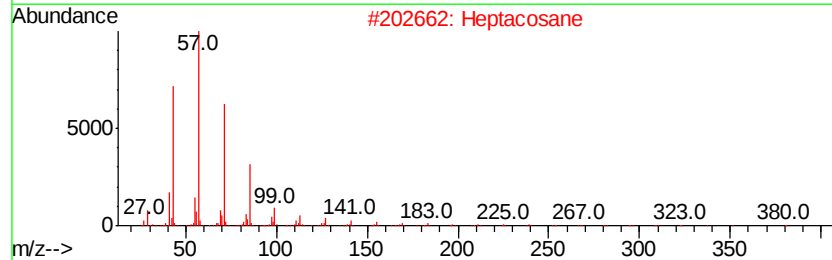
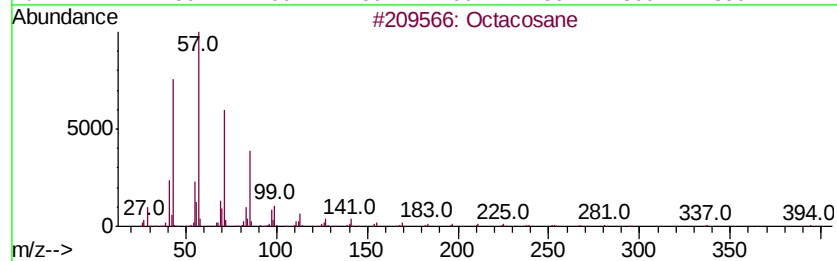
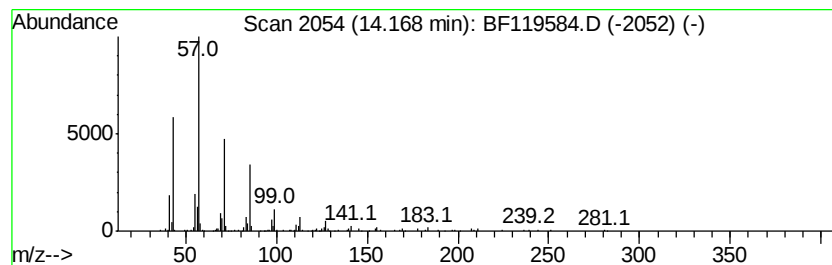
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.51 ng	395090	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Octadecane		254	C18H38	000593-45-3	87



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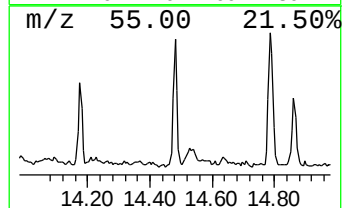
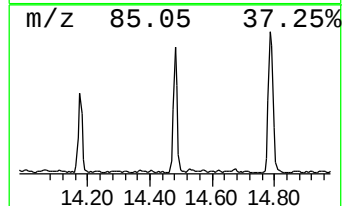
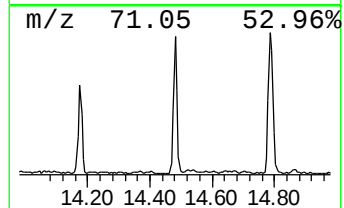
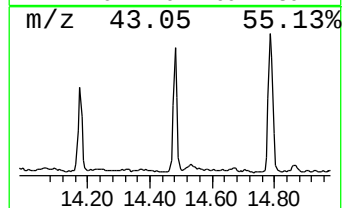
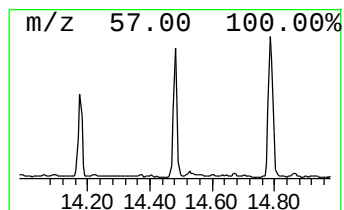
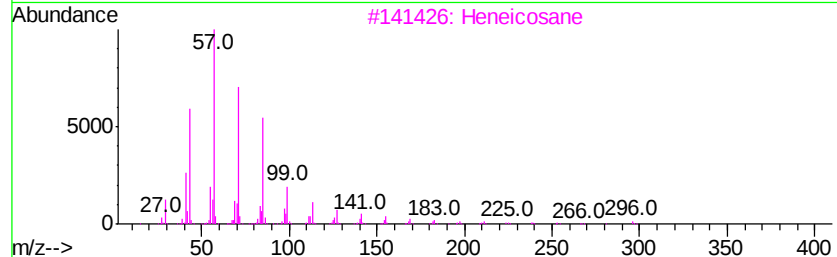
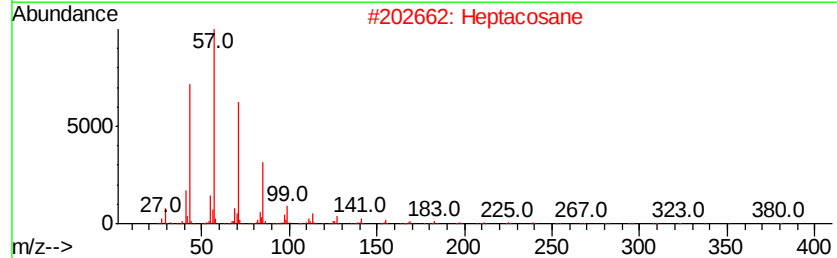
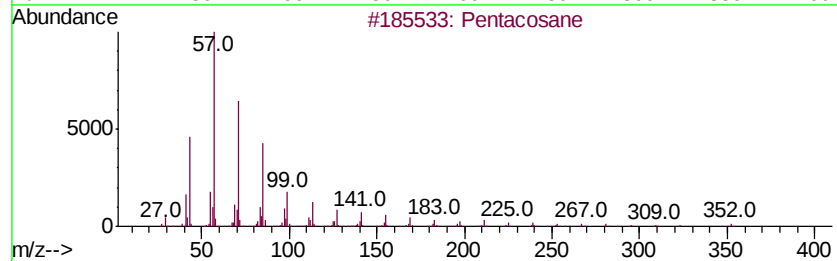
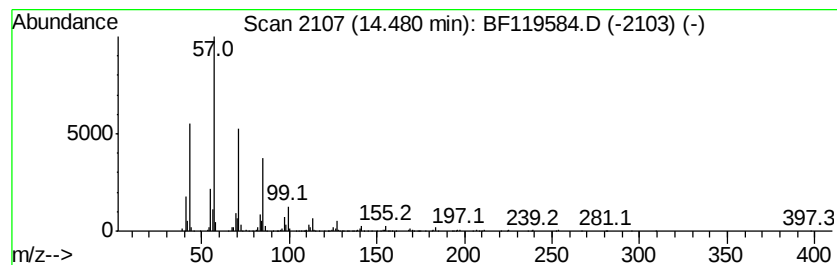
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	5.55 ng	624062	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Heptacosane		380	C27H56	000593-49-7	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Hexatriacontane		507	C36H74	000630-06-8	86



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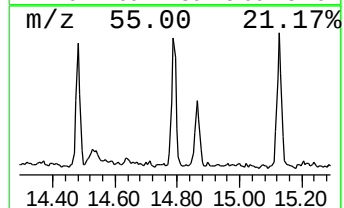
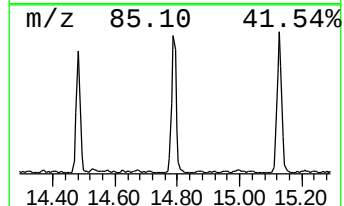
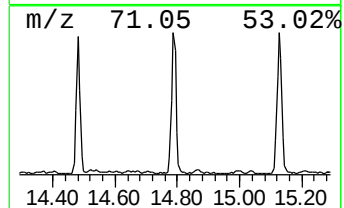
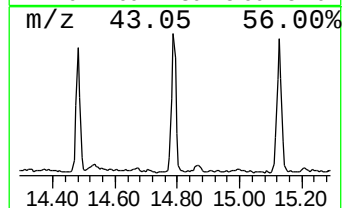
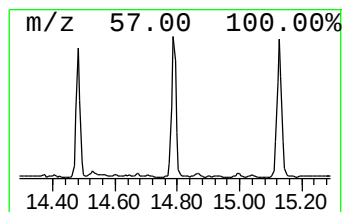
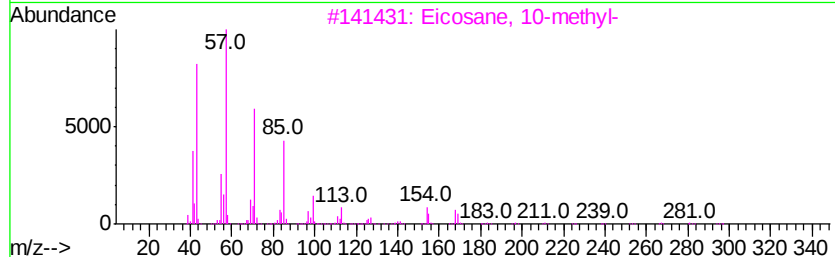
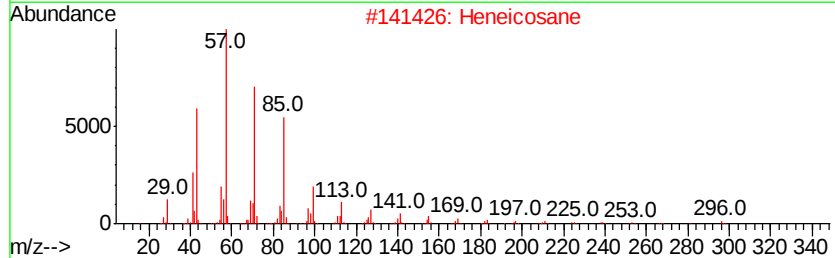
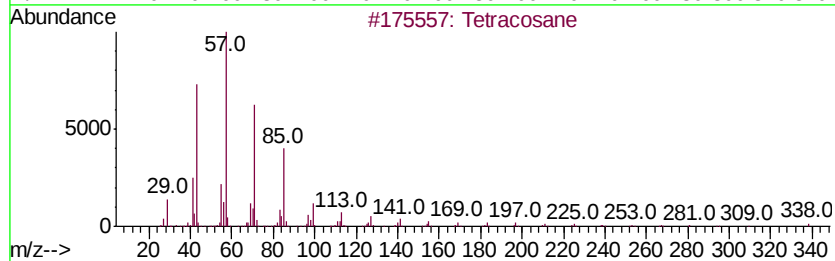
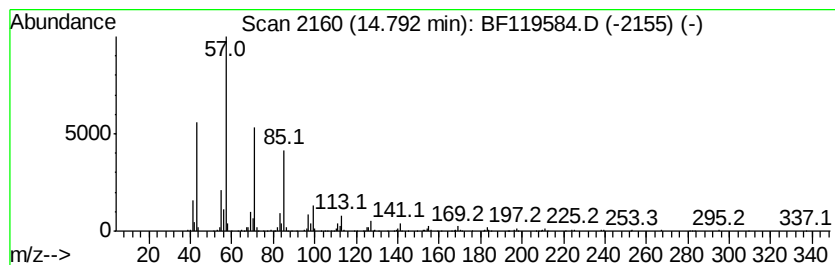
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	9.44 ng	813618	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119584.D
Acq On : 27 Mar 2020 23:11
Operator : CG/JU
Sample : L2042-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-04)

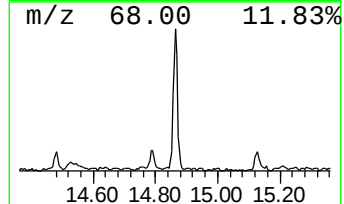
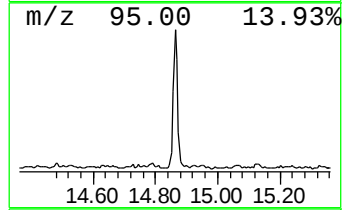
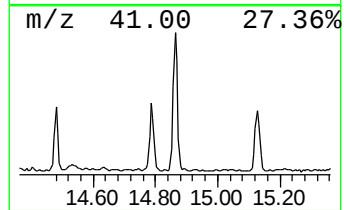
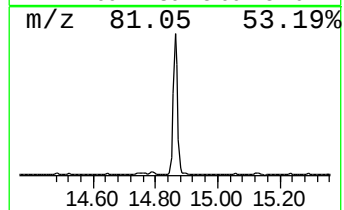
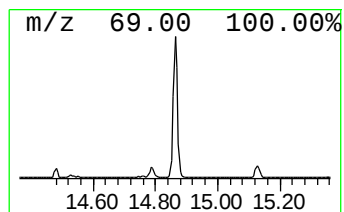
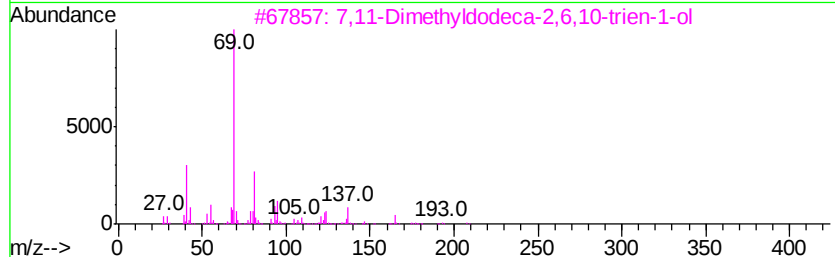
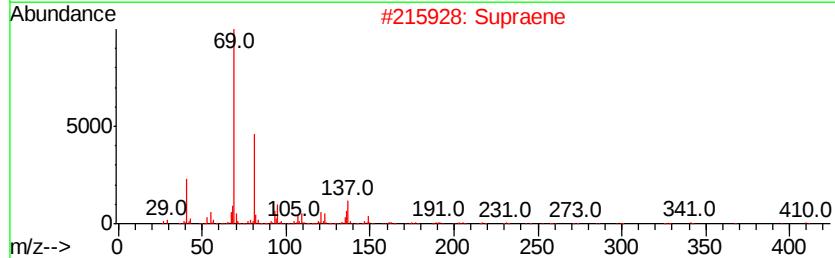
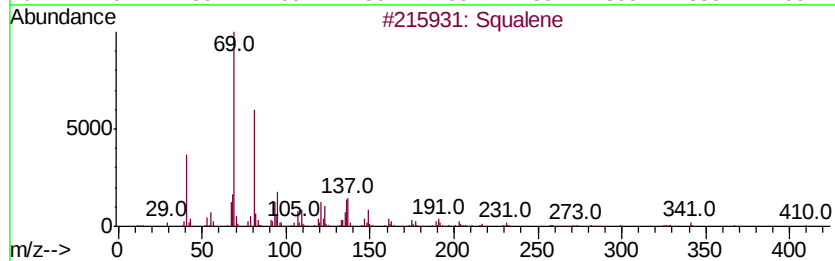
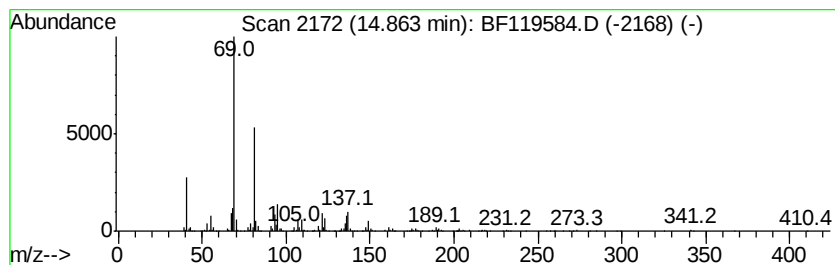
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	10.98 ng	946326	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	95
2		Supraene	410	C30H50	007683-64-9	91
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4		Farnesol isomer a	222	C15H26O	1000108-92-4	64
5		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119584.D
Acq On : 27 Mar 2020 23:11
Operator : CG/JU
Sample : L2042-09
Misc :
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Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-04)

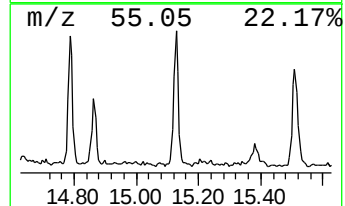
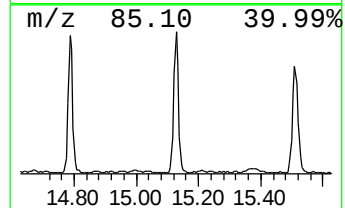
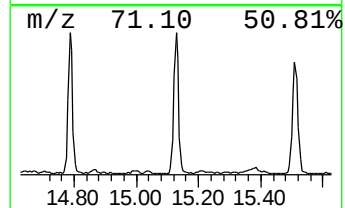
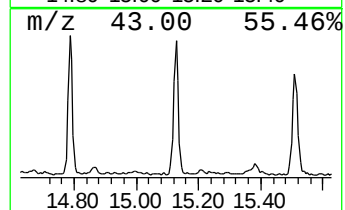
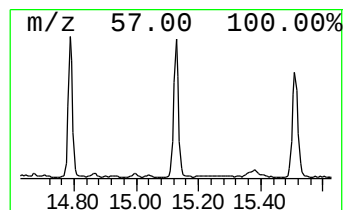
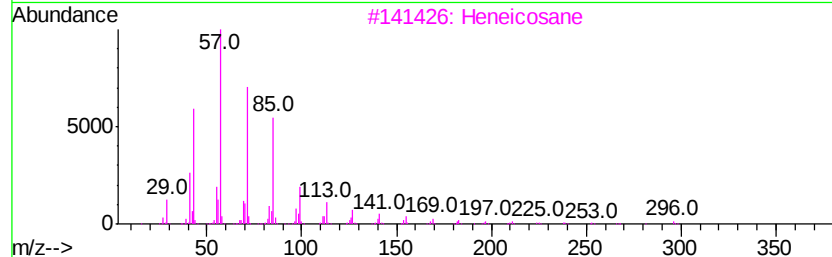
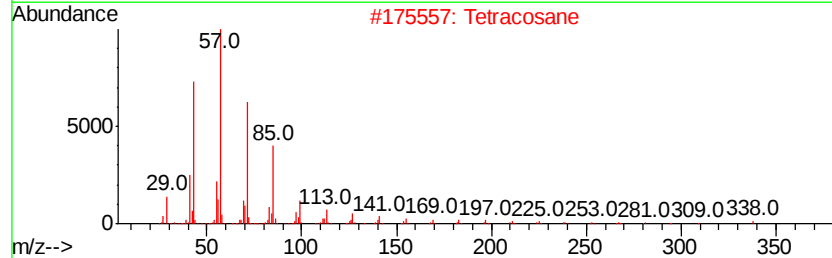
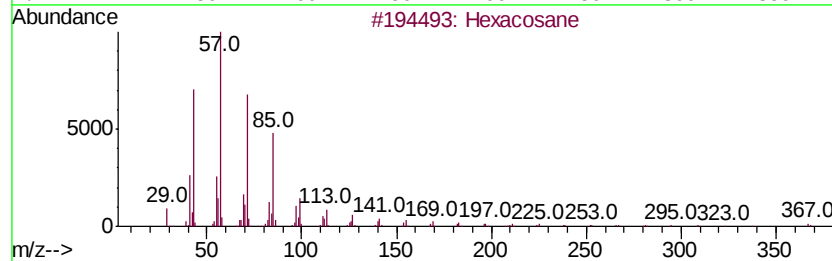
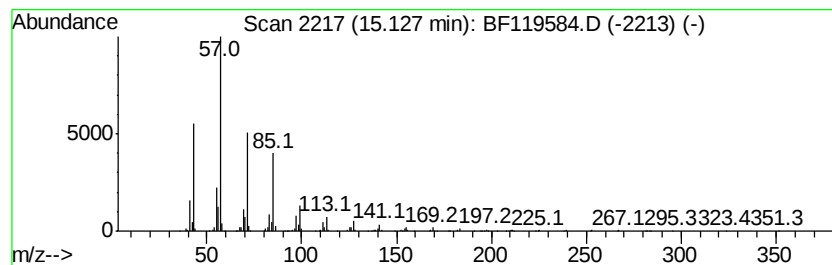
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.12 ng	872489	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Pentacosane		352	C25H52	000629-99-2	90
5	Hexatriacontane		507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119584.D
Acq On : 27 Mar 2020 23:11
Operator : CG/JU
Sample : L2042-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-04)

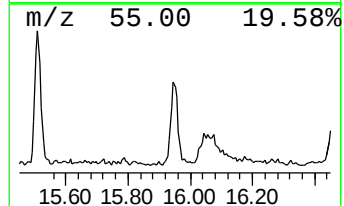
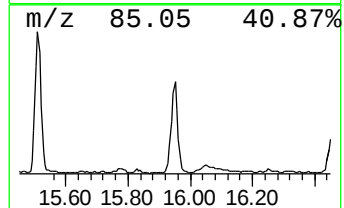
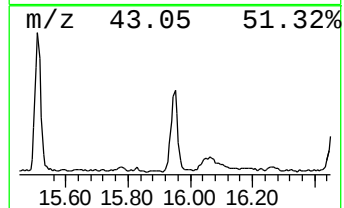
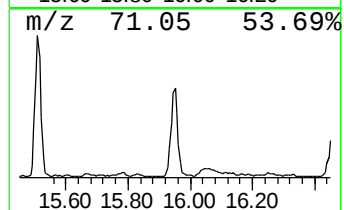
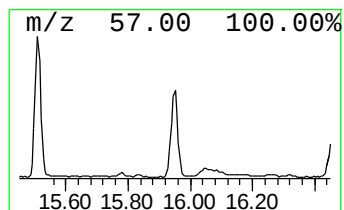
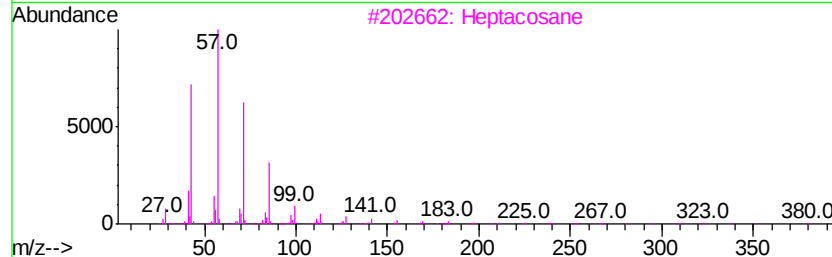
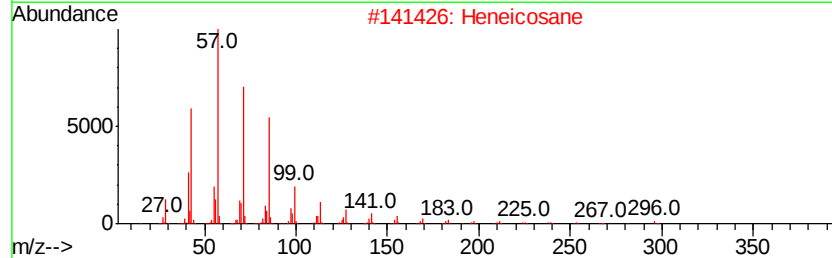
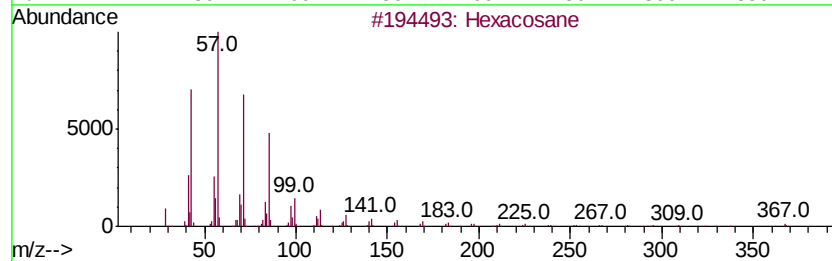
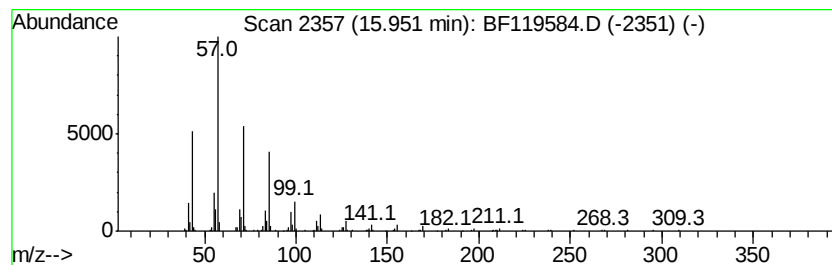
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	6.71 ng	578110	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Pentacosane	352	C25H52	000629-99-2	90
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119584.D
Acq On : 27 Mar 2020 23:11
Operator : CG/JU
Sample : L2042-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-01-(SB-04)

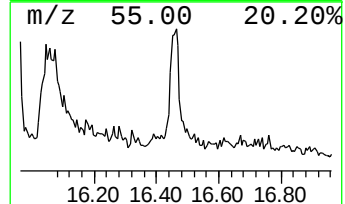
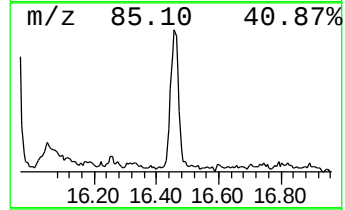
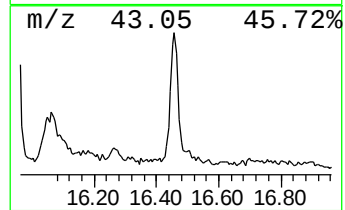
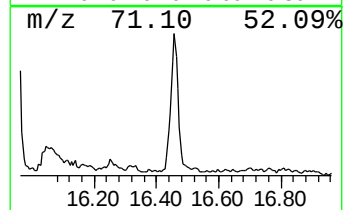
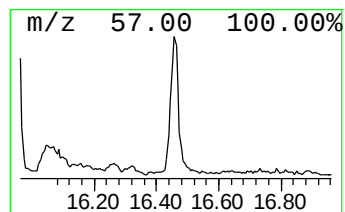
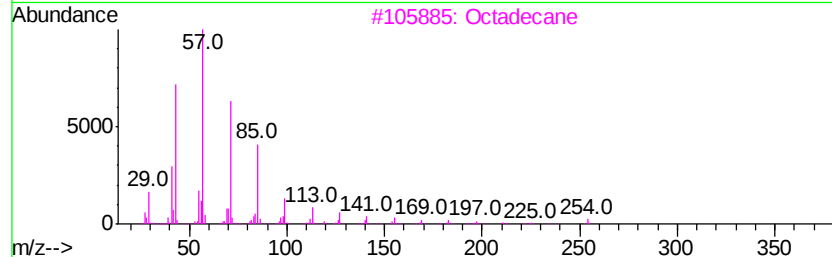
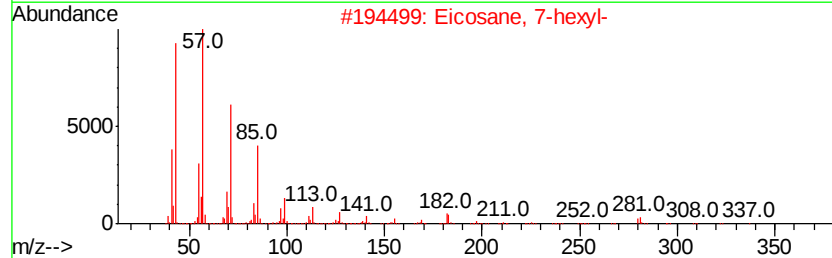
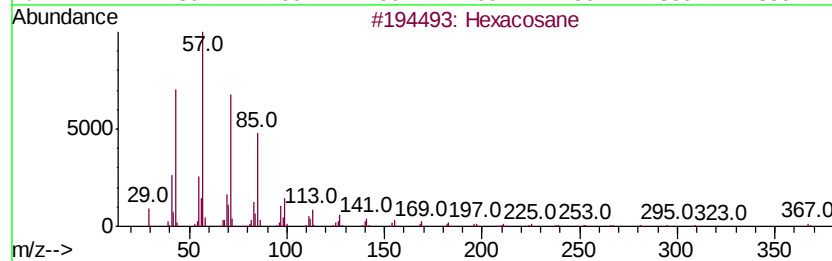
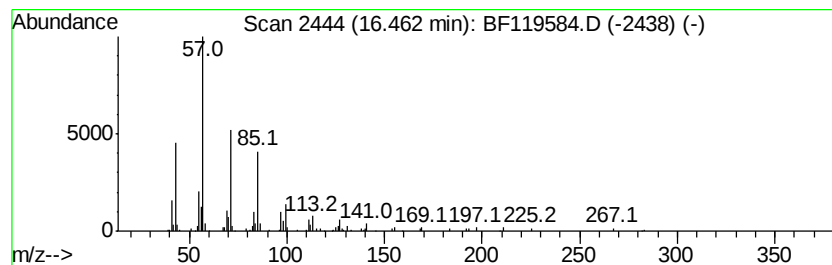
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.53 ng	304614	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119584.D
Acq On : 27 Mar 2020 23:11
Operator : CG/JU
Sample : L2042-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-04)

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
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Octadecanoic acid	12.68	4.9	ng	705675	4	11.36	2866900	20.0
Heptadecyl triflu...	13.87	19.2	ng	2161140	5	14.00	2248800	20.0
Octacosane	14.17	3.5	ng	395090	5	14.00	2248800	20.0
Pentacosane	14.48	5.5	ng	624062	5	14.00	2248800	20.0
Tetracosane	14.79	9.4	ng	813618	6	15.46	1724070	20.0
Squalene	14.86	11.0	ng	946326	6	15.46	1724070	20.0
Hexacosane	15.13	10.1	ng	872489	6	15.46	1724070	20.0
Heneicosane	15.95	6.7	ng	578110	6	15.46	1724070	20.0
Eicosane, 7-hexyl-	16.46	3.5	ng	304614	6	15.46	1724070	20.0