

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119593.D
 Acq On : 28 Mar 2020 3:46
 Operator : CG/JU
 Sample : L2049-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(10-12)

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-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	2.116	3	5	10	rVB	299665	312795	4.58%	0.555%
2	2.222	18	23	30	rVB	118204	142388	2.08%	0.253%
3	5.046	496	503	509	rBV	132923	162412	2.38%	0.288%
4	5.446	565	571	574	rBV	5985648	5909888	86.46%	10.492%
5	6.451	737	742	745	rBV	5514674	5901294	86.33%	10.476%
6	6.828	803	806	810	rBV	2104504	1776363	25.99%	3.154%
7	6.987	829	833	836	rBV	5274020	4513005	66.02%	8.012%
8	7.392	896	902	905	rBV	4506366	3992976	58.42%	7.089%
9	8.116	1020	1025	1028	rBV	2773707	2360792	34.54%	4.191%
10	9.198	1203	1209	1212	rBV	6780810	6835427	100.00%	12.135%
11	9.586	1271	1275	1285	rVB	764004	607979	8.89%	1.079%
12	9.875	1318	1324	1327	rBV	3199042	2631750	38.50%	4.672%
13	10.663	1453	1458	1461	rBV	4875442	4229930	61.88%	7.509%
14	11.363	1573	1577	1580	rBV	3395165	2769194	40.51%	4.916%
15	11.892	1663	1667	1683	rBV	408760	466275	6.82%	0.828%
16	12.674	1797	1800	1806	rBV	127386	139625	2.04%	0.248%
17	12.951	1842	1847	1850	rBV	6889380	6507814	95.21%	11.553%
18	13.857	1997	2001	2020	rBV	569919	1013876	14.83%	1.800%
19	14.004	2021	2026	2029	rBV	2268896	2161592	31.62%	3.837%
20	14.174	2052	2055	2062	rBV	206510	173800	2.54%	0.309%
21	14.480	2103	2107	2111	rBV	317019	286269	4.19%	0.508%
22	14.786	2155	2159	2163	rVB	376077	351008	5.14%	0.623%
23	15.127	2212	2217	2223	rBV	380860	403985	5.91%	0.717%
24	15.463	2269	2274	2278	rBV	1399540	1682322	24.61%	2.987%
25	15.510	2278	2282	2289	rVB	313389	405194	5.93%	0.719%
26	15.945	2350	2356	2363	rBV	213125	321644	4.71%	0.571%
27	16.457	2437	2443	2451	rBV2	105136	184889	2.70%	0.328%
28	17.051	2539	2544	2552	rVB3	42586	84514	1.24%	0.150%

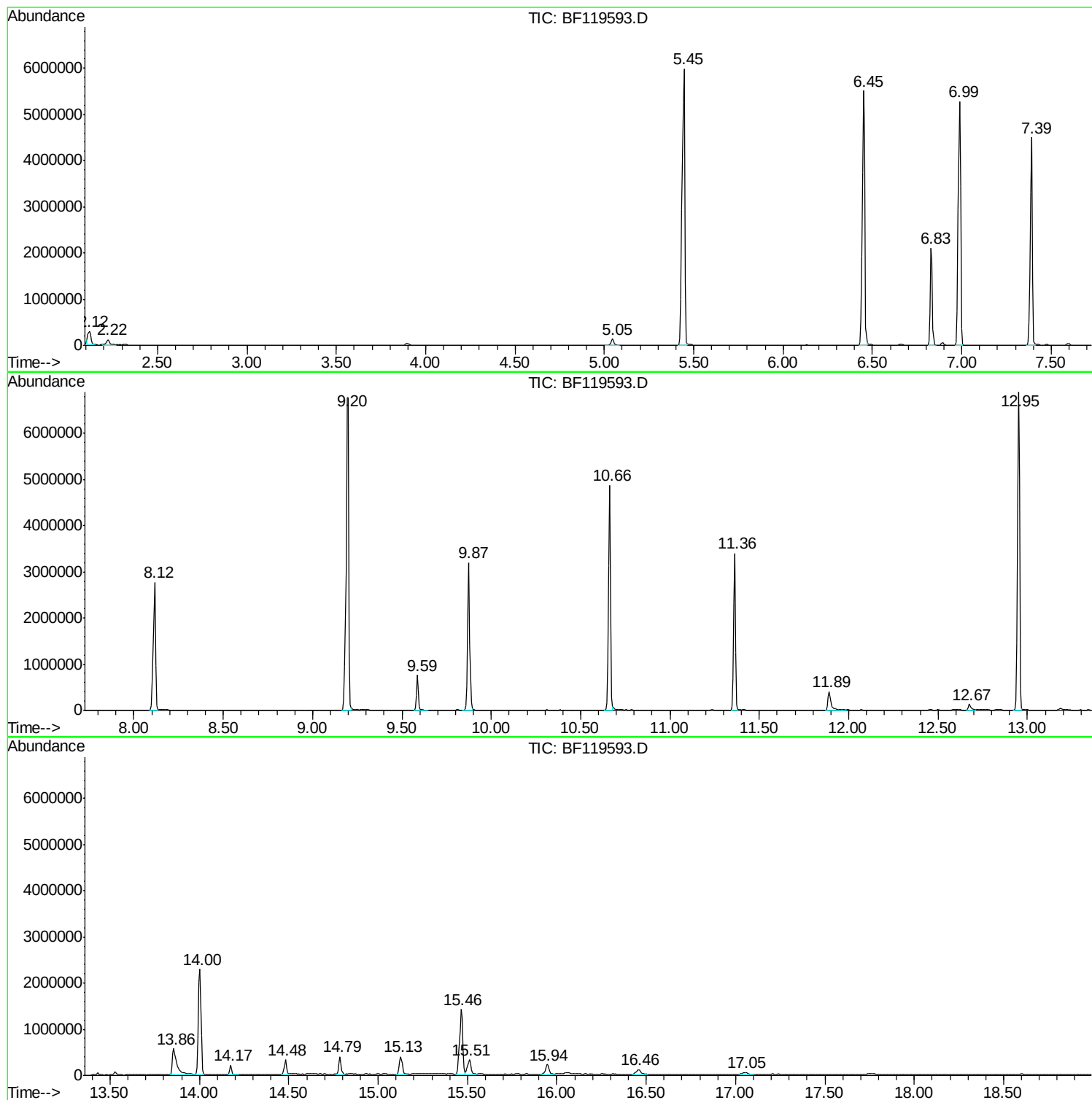
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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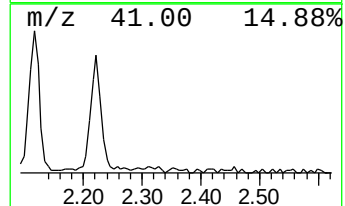
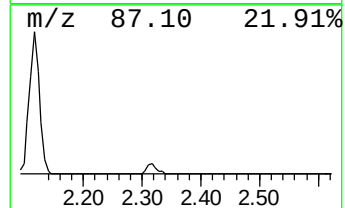
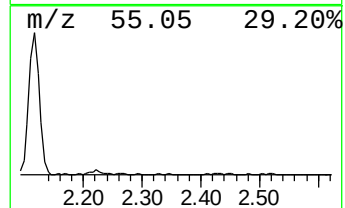
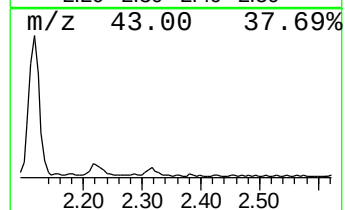
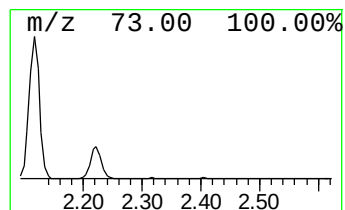
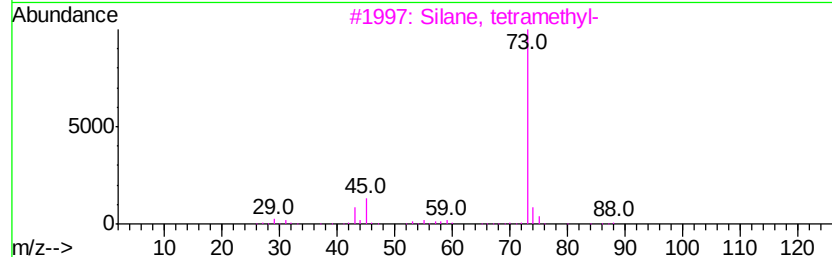
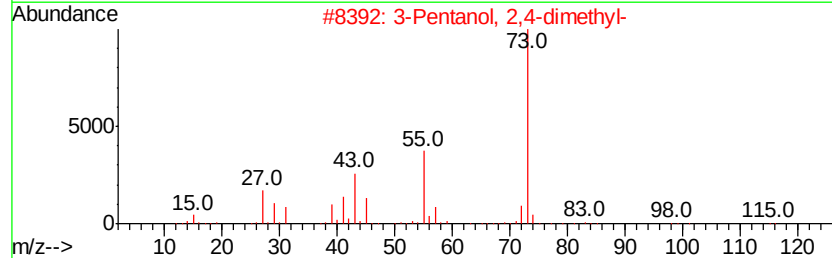
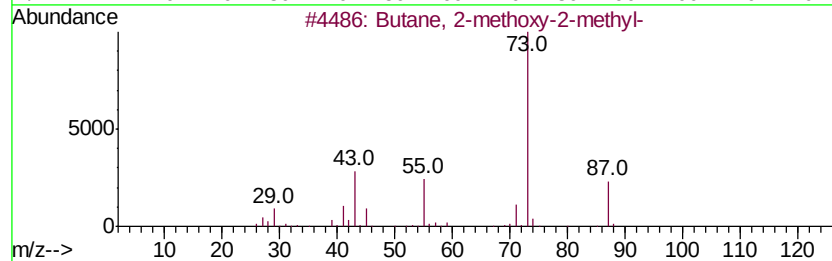
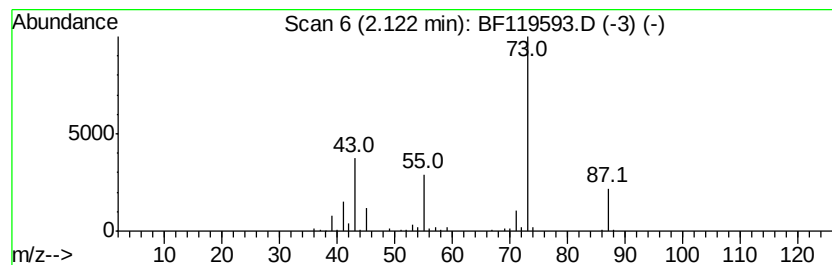
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.52 ng	312795	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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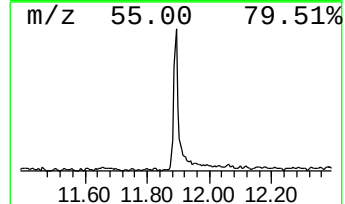
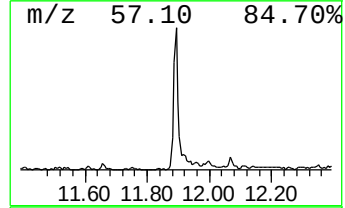
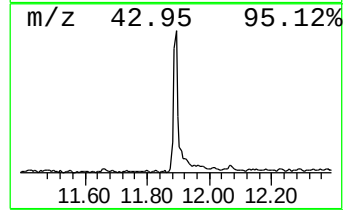
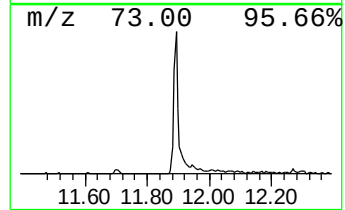
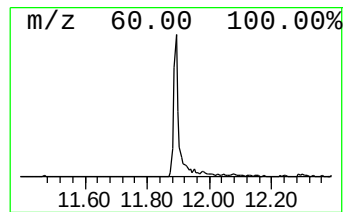
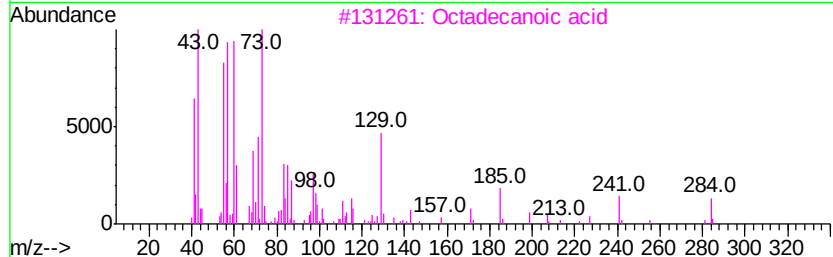
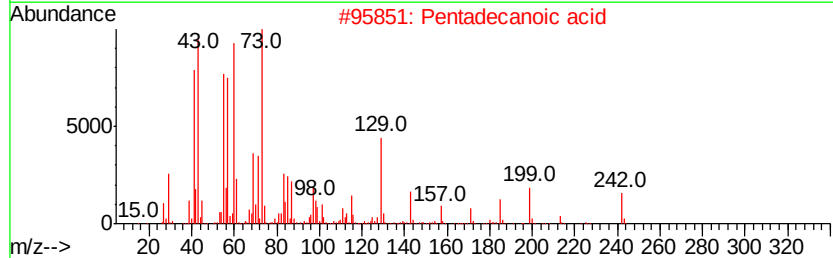
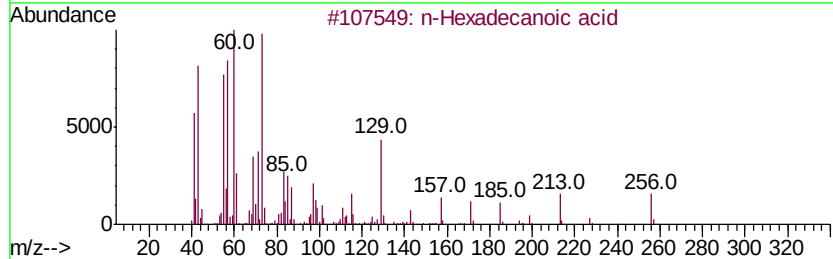
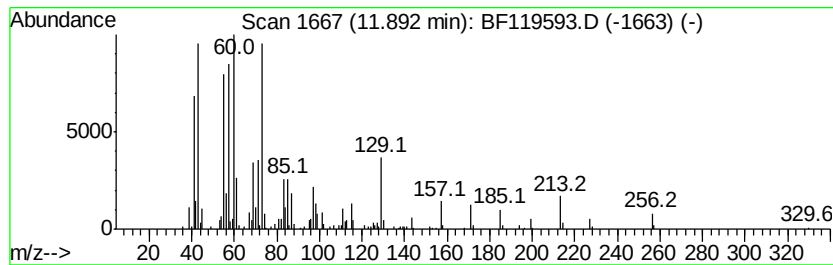
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	3.37 ng	466275	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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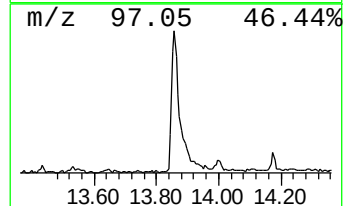
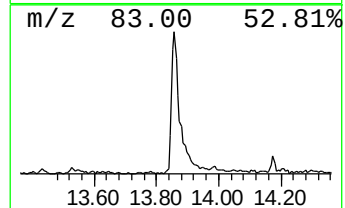
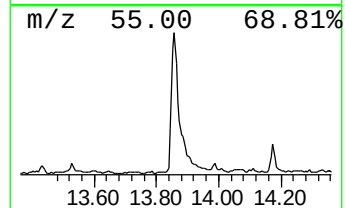
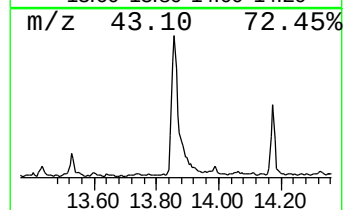
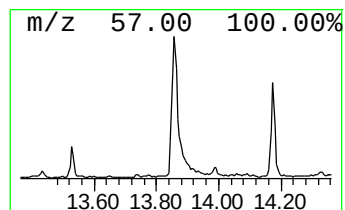
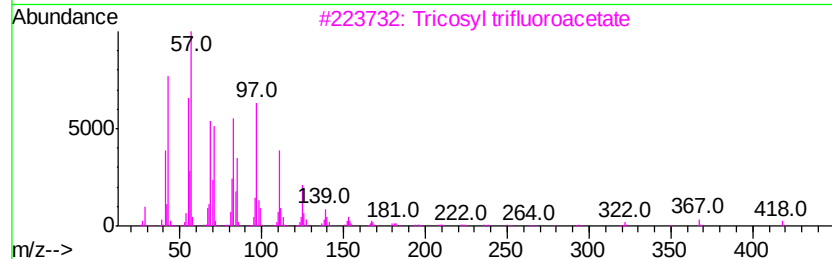
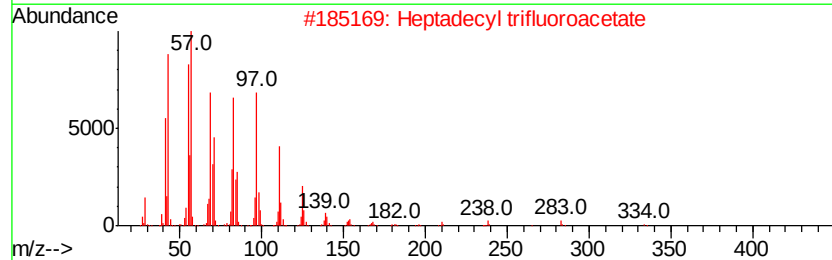
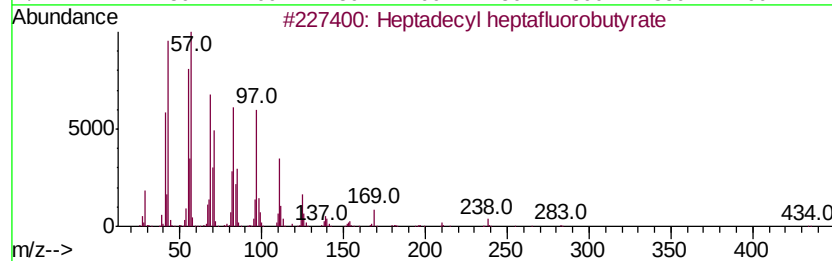
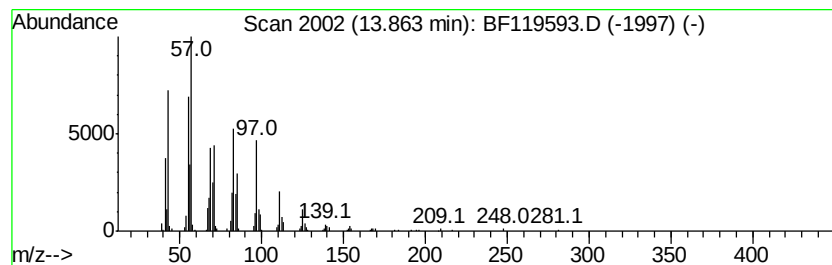
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	9.38 ng	1013880	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



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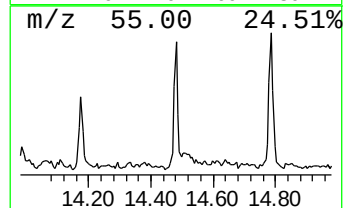
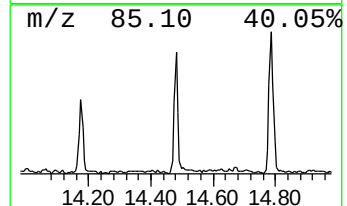
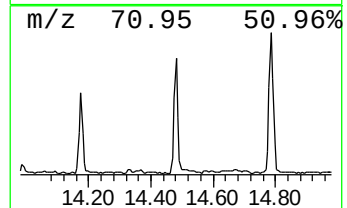
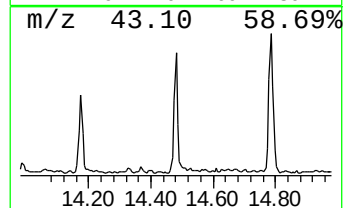
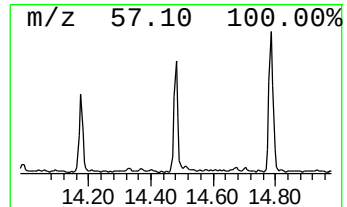
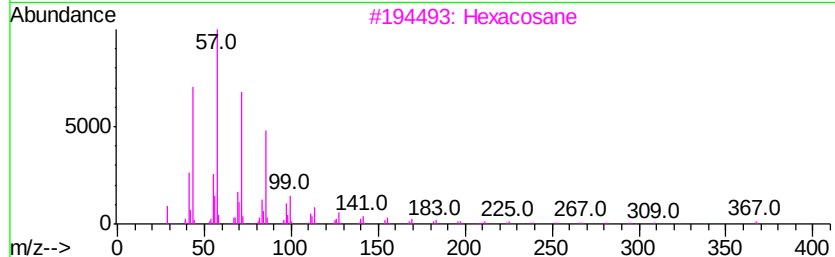
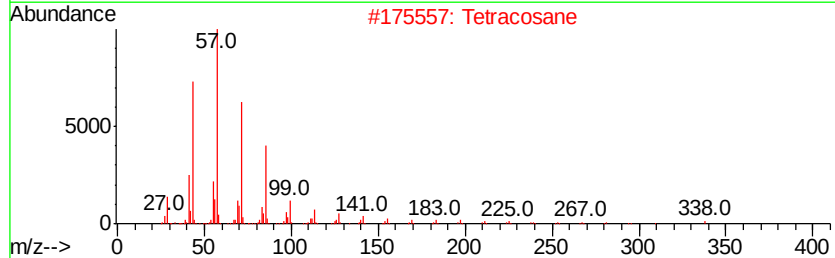
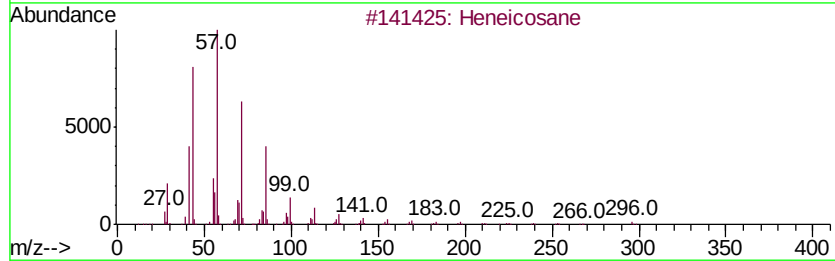
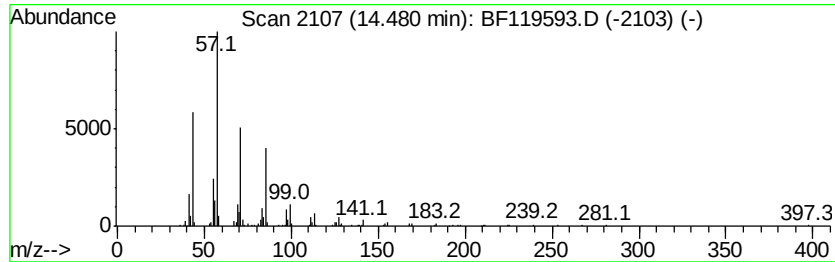
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Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.48	2.65 ng	286269	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Pentacosane	352	C25H52	000629-99-2	90
5	Octacosane	394	C28H58	000630-02-4	90



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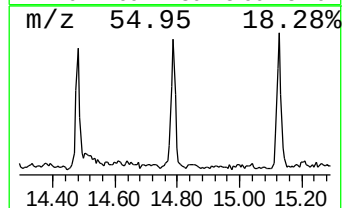
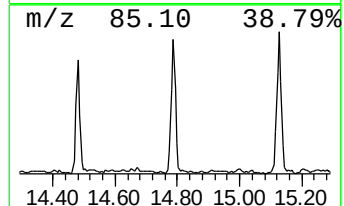
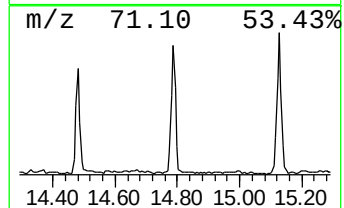
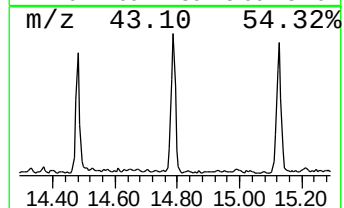
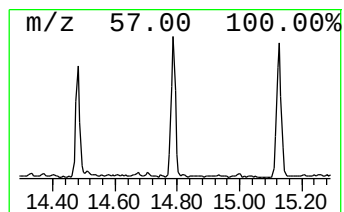
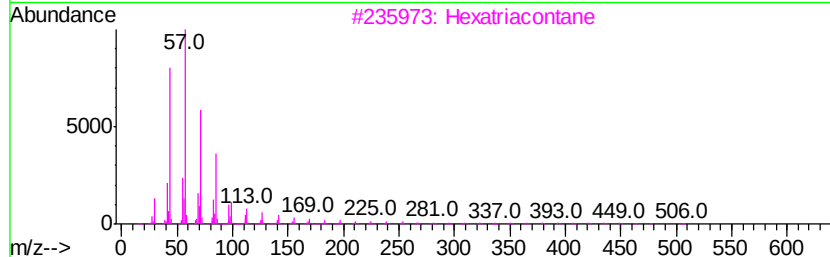
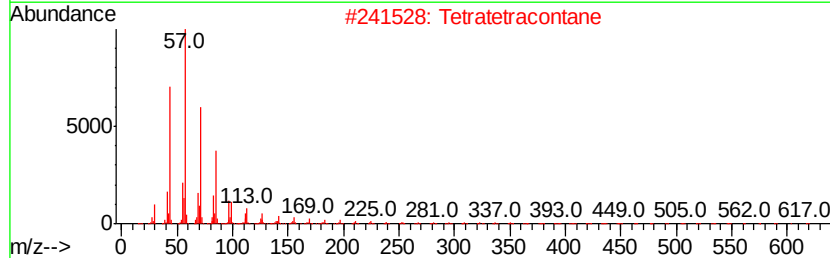
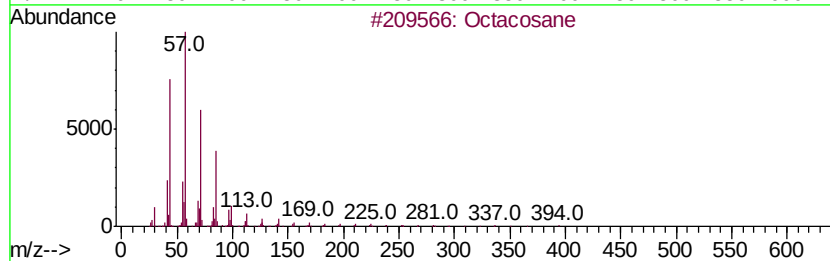
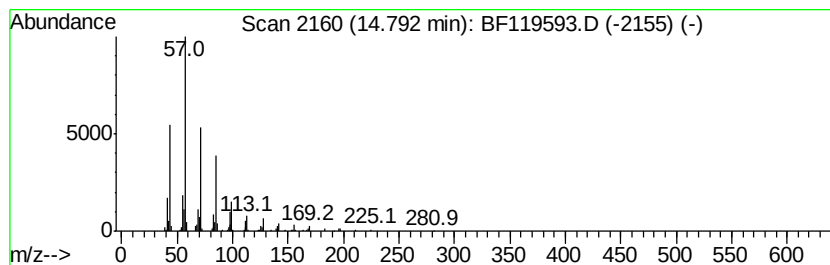
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.17 ng	351008	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Tetratetracontane		619	C44H90	007098-22-8	87
3	Hexatriacontane		507	C36H74	000630-06-8	87
4	2-methyloctacosane		408	C29H60	1000376-72-8	83
5	Tetracosane		338	C24H50	000646-31-1	80



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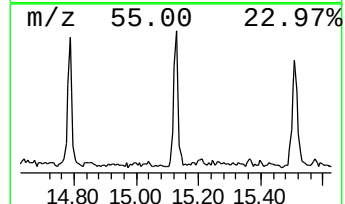
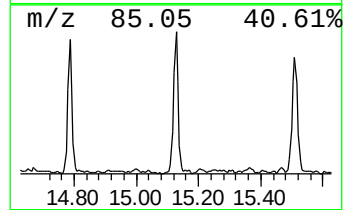
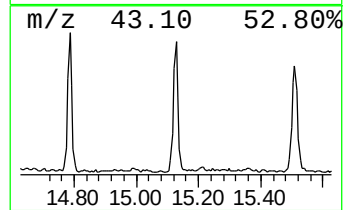
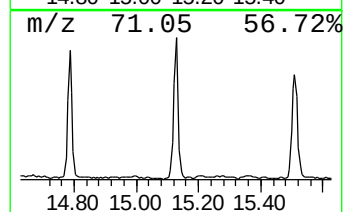
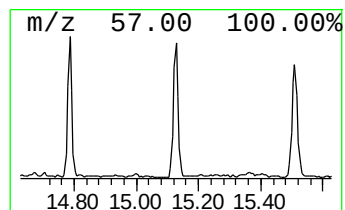
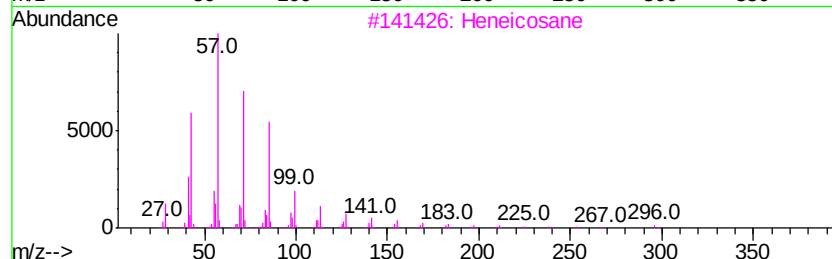
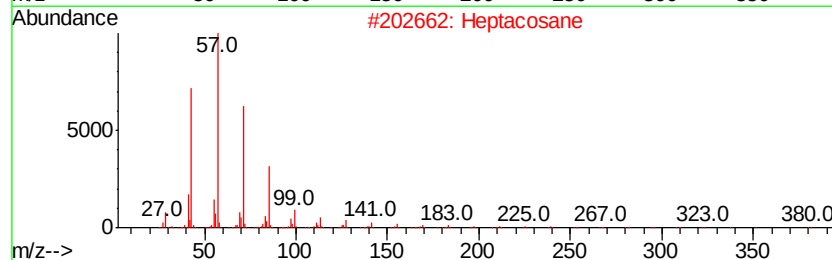
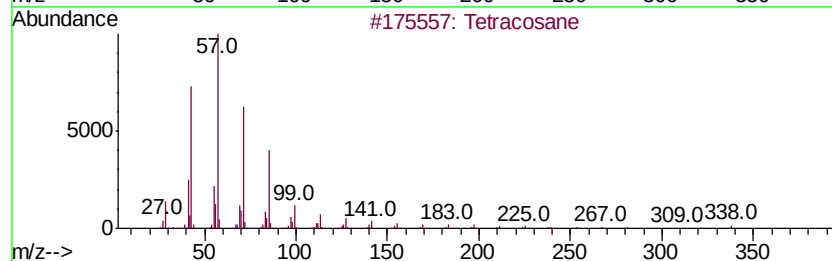
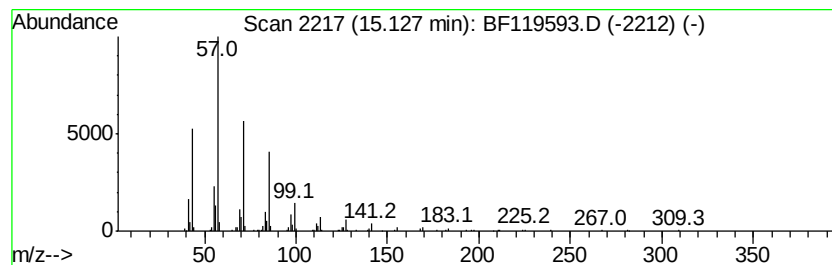
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.80 ng	403985	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119593.D
Acq On : 28 Mar 2020 3:46
Operator : CG/JU
Sample : L2049-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(10-12)

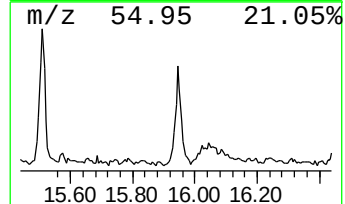
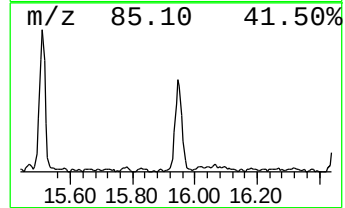
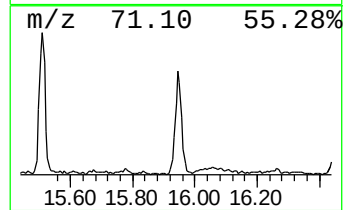
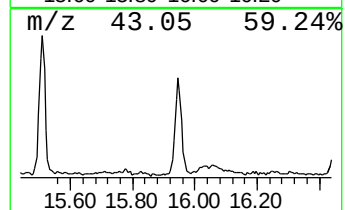
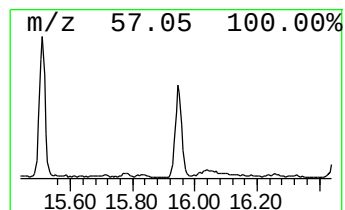
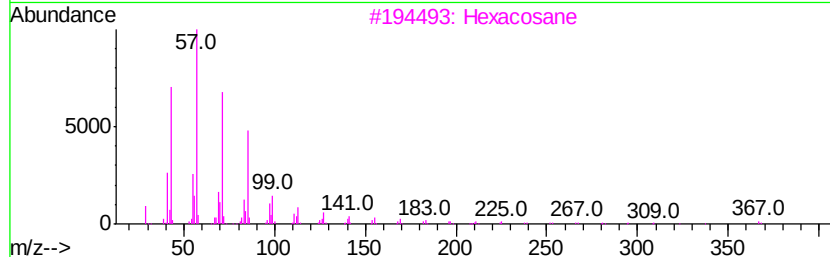
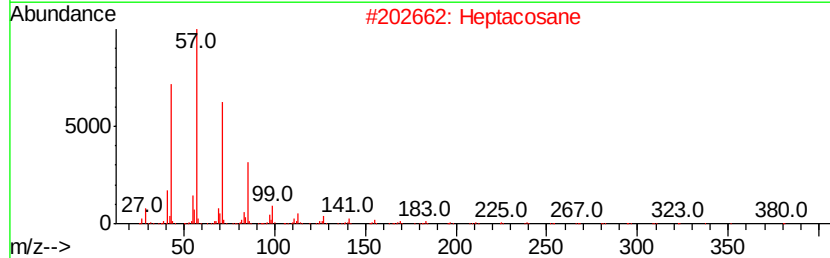
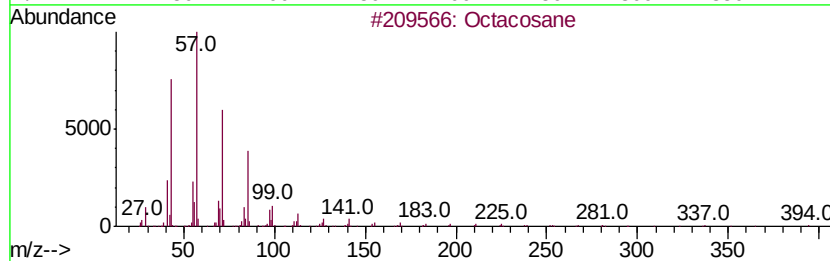
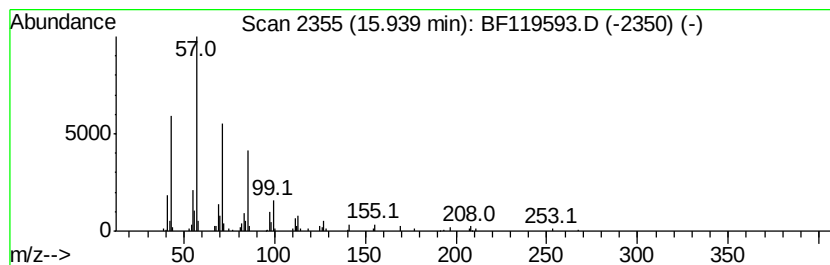
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.82 ng	321644	Perylene-d12	15.46

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		Hexacosane	366	C26H54	000630-01-3	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119593.D
 Acq On : 28 Mar 2020 3:46
 Operator : CG/JU
 Sample : L2049-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(10-12)

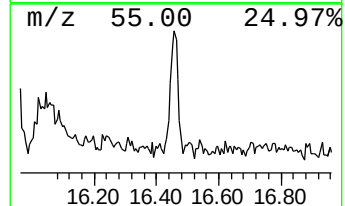
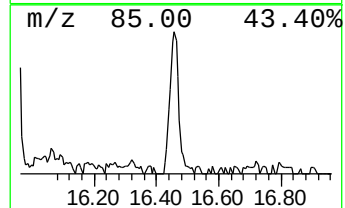
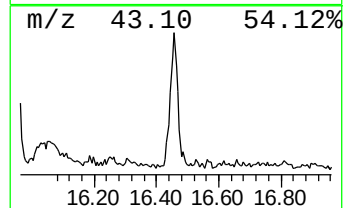
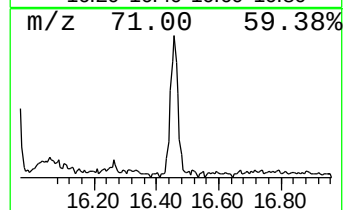
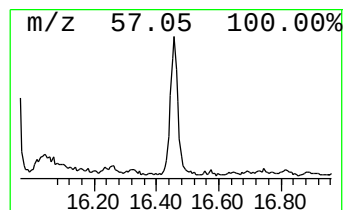
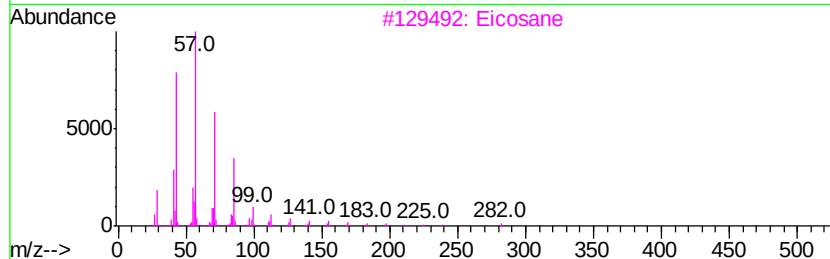
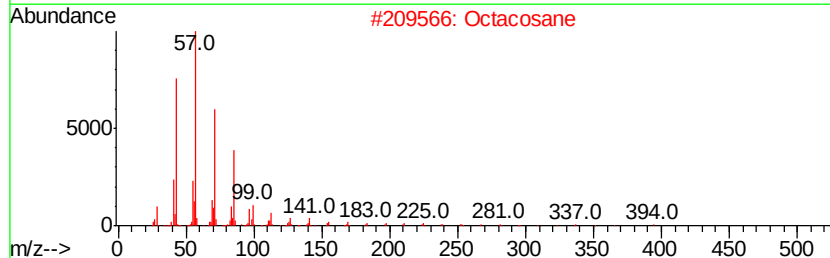
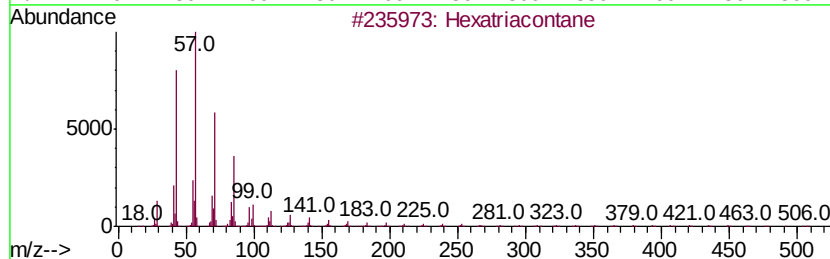
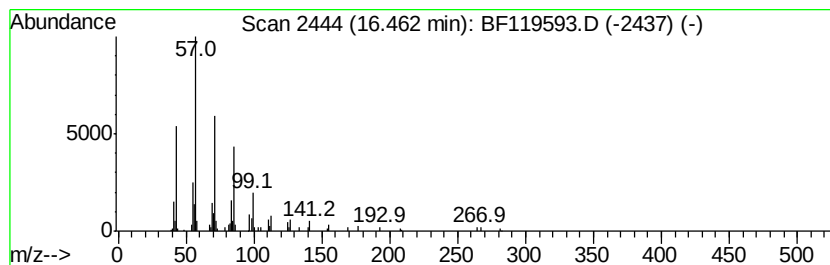
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.46	2.20 ng	184889	Perylene-d12		15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Eicosane	282	C20H42	000112-95-8	87
4			Heptacosane	380	C27H56	000593-49-7	86
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119593.D
Acq On : 28 Mar 2020 3:46
Operator : CG/JU
Sample : L2049-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-(10-12)

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
Butane, 2-methoxy...	2.12	3.5	ng	312795	1	6.83	1776360	20.0
n-Hexadecanoic acid	11.89	3.4	ng	466275	4	11.36	2769190	20.0
Heptadecyl heptaf...	13.86	9.4	ng	1013880	5	14.00	2161590	20.0
Heneicosane	14.48	2.6	ng	286269	5	14.00	2161590	20.0
Octacosane	14.79	4.2	ng	351008	6	15.46	1682320	20.0
Tetracosane	15.13	4.8	ng	403985	6	15.46	1682320	20.0
Heptacosane	15.94	3.8	ng	321644	6	15.46	1682320	20.0
Hexatriacontane	16.46	2.2	ng	184889	6	15.46	1682320	20.0