

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119694.D
 Acq On : 2 Apr 2020 3:57
 Operator : MA/SJ
 Sample : L2089-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2D-(0-2)

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	2.210	16	21	27	rVB	129315	180182	2.09%	0.272%
2	5.040	498	502	512	rVB	246126	362272	4.19%	0.547%
3	5.434	562	569	571	rBV	6380084	7479195	86.57%	11.286%
4	6.440	734	740	743	rBV	5656980	7542850	87.31%	11.382%
5	6.810	799	803	806	rBV	1627424	1299300	15.04%	1.961%
6	6.969	825	830	833	rBV	6327935	5749050	66.55%	8.675%
7	7.375	893	899	902	rBV	4517696	5051967	58.48%	7.623%
8	8.092	1016	1021	1025	rBV	1868897	1716676	19.87%	2.590%
9	9.175	1199	1205	1208	rBV	8026915	8639240	100.00%	13.037%
10	9.569	1265	1272	1275	rBV	1087427	1009012	11.68%	1.523%
11	9.851	1314	1320	1323	rBV	2395338	2039439	23.61%	3.078%
12	10.645	1448	1455	1458	rBV	5607329	5928141	68.62%	8.946%
13	11.339	1567	1573	1576	rBV	2520225	2192328	25.38%	3.308%
14	11.869	1659	1663	1674	rBV	979785	954937	11.05%	1.441%
15	12.551	1775	1779	1782	rBV	177445	179630	2.08%	0.271%
16	12.657	1793	1797	1810	rBV	499725	570292	6.60%	0.861%
17	12.774	1815	1817	1820	rVB	144350	126466	1.46%	0.191%
18	12.933	1837	1844	1847	rBV	8097519	8273155	95.76%	12.484%
19	13.410	1921	1925	1928	rVB	169168	158523	1.83%	0.239%
20	13.833	1993	1997	2012	rVB	318982	500463	5.79%	0.755%
21	13.980	2016	2022	2025	rBV	2139617	2120927	24.55%	3.200%
22	14.151	2047	2051	2055	rBV	215720	187389	2.17%	0.283%
23	14.457	2099	2103	2106	rBV	301478	270210	3.13%	0.408%
24	14.757	2152	2154	2159	rVB	329618	333602	3.86%	0.503%
25	15.098	2207	2212	2220	rBV	333003	411122	4.76%	0.620%
26	15.433	2263	2269	2273	rBV	1632878	1988061	23.01%	3.000%
27	15.474	2273	2276	2286	rVB	306151	384806	4.45%	0.581%
28	15.910	2344	2350	2356	rBV	213070	312605	3.62%	0.472%
29	16.410	2428	2435	2443	rBV	122698	215954	2.50%	0.326%
30	16.998	2529	2535	2542	rBV2	50155	91538	1.06%	0.138%

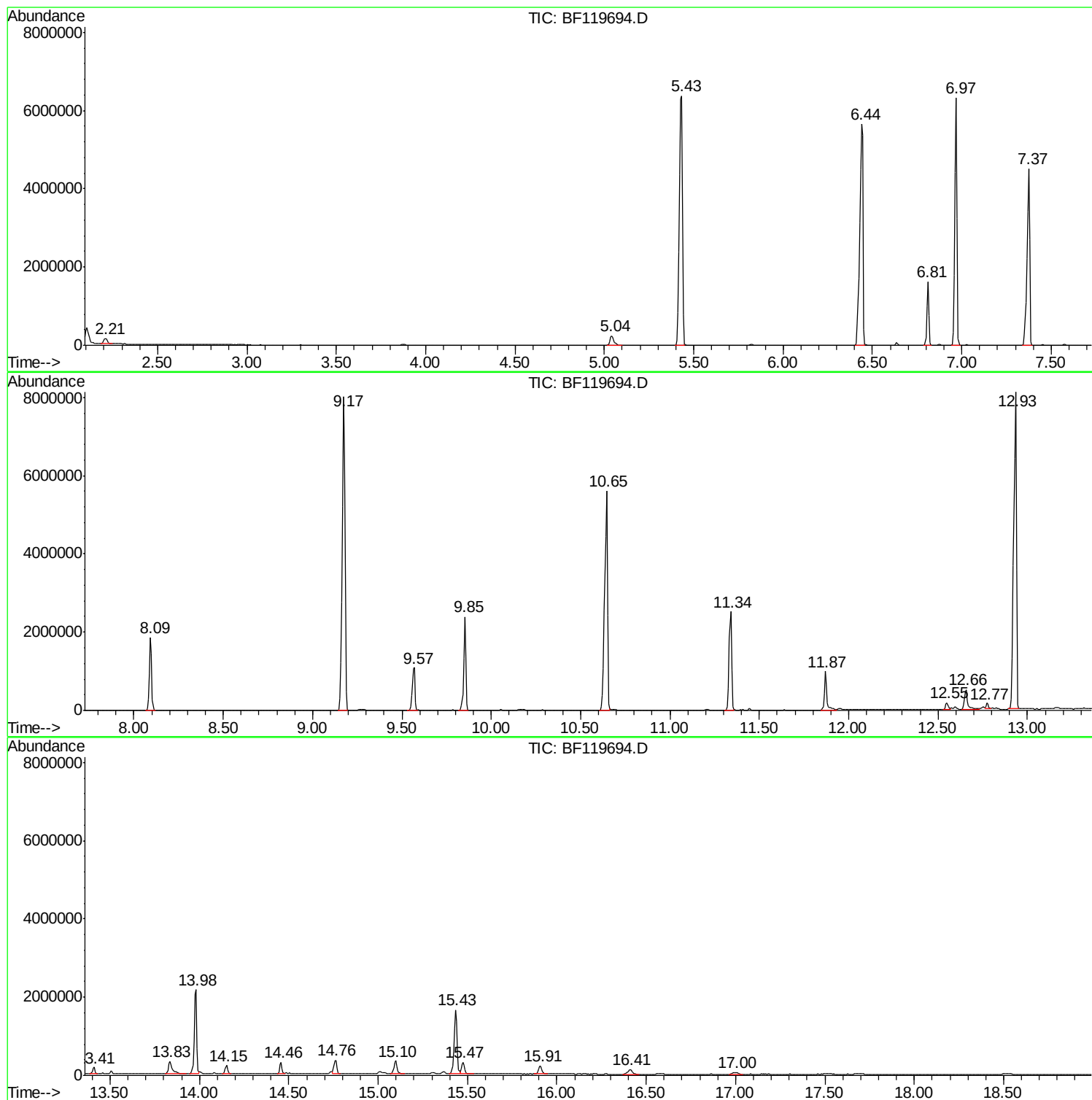
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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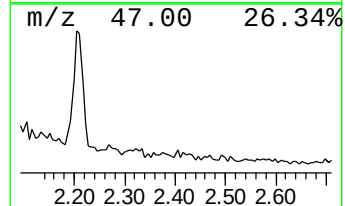
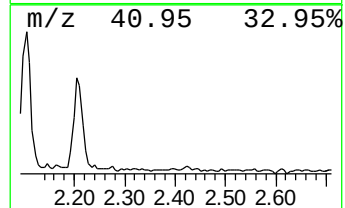
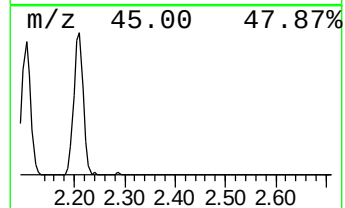
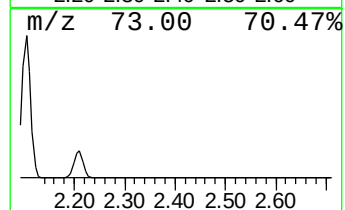
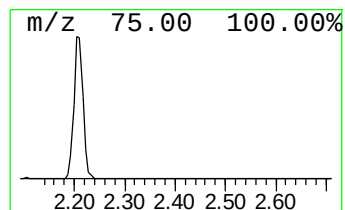
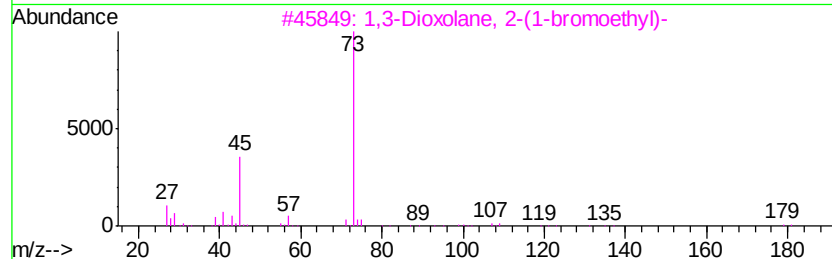
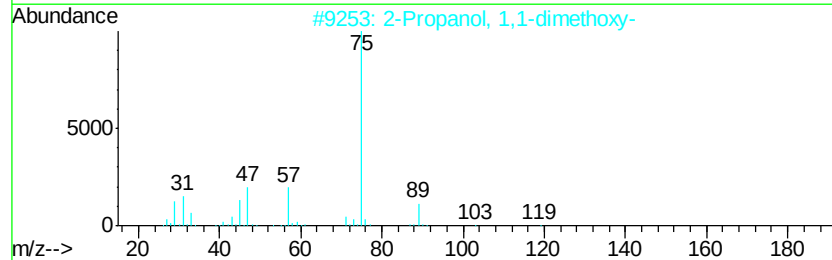
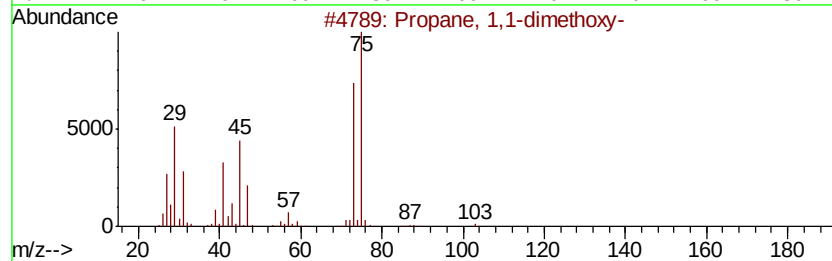
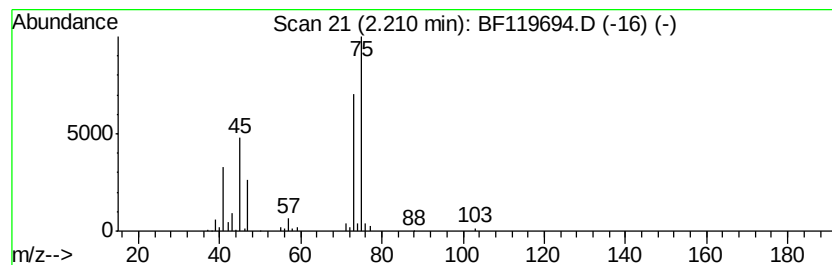
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.77 ng	180182	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2		2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
3		1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9



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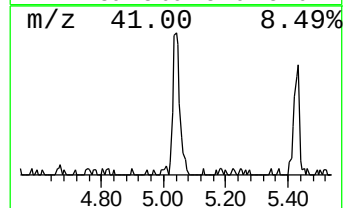
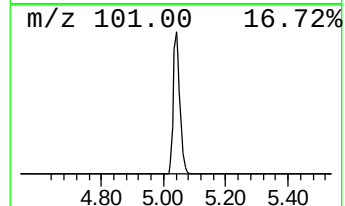
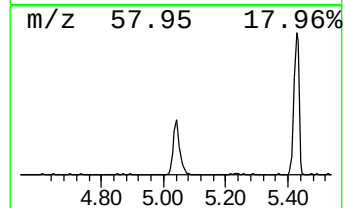
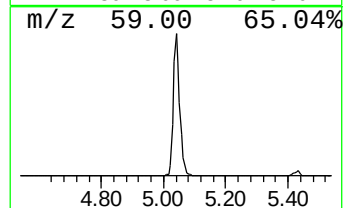
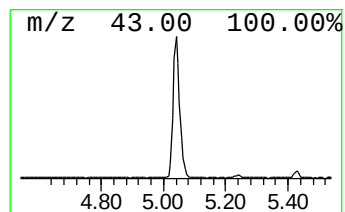
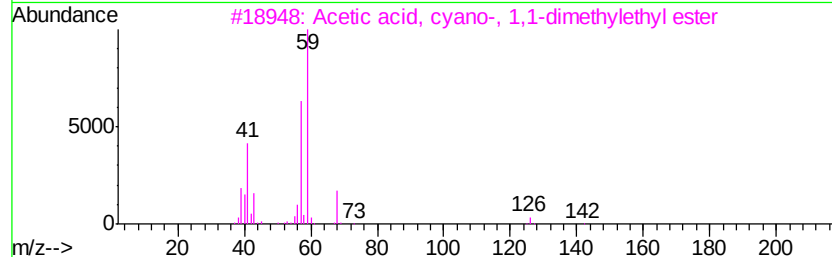
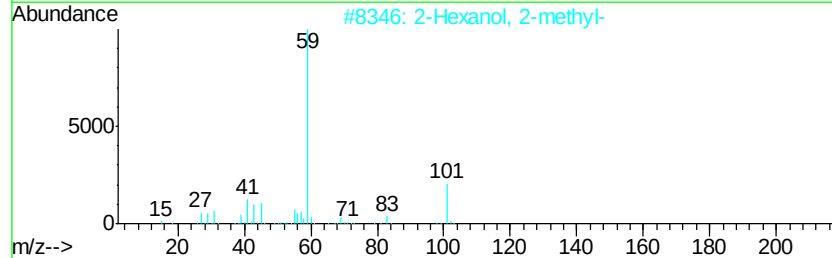
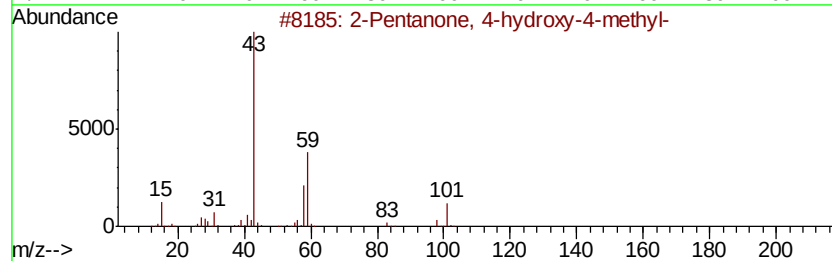
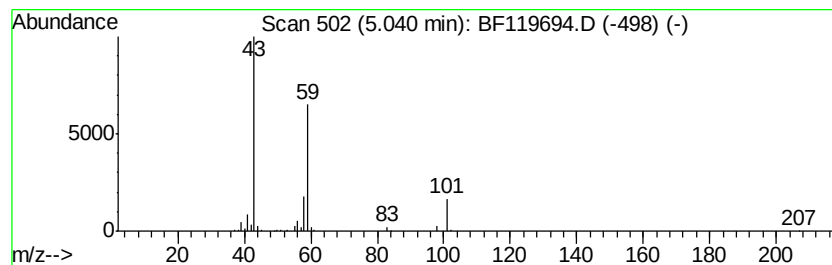
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.04	5.58 ng	362272	1,4-Dichlorobenzene-d4	6.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	9



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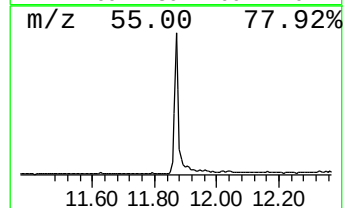
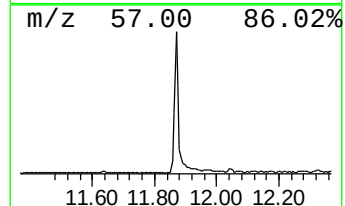
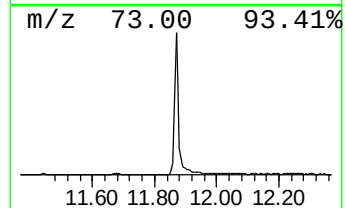
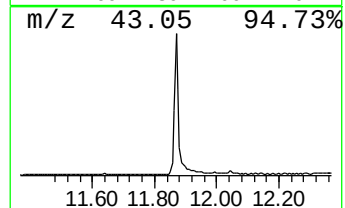
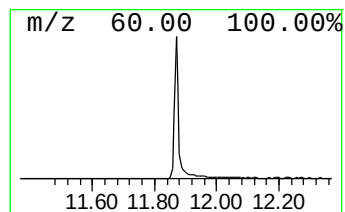
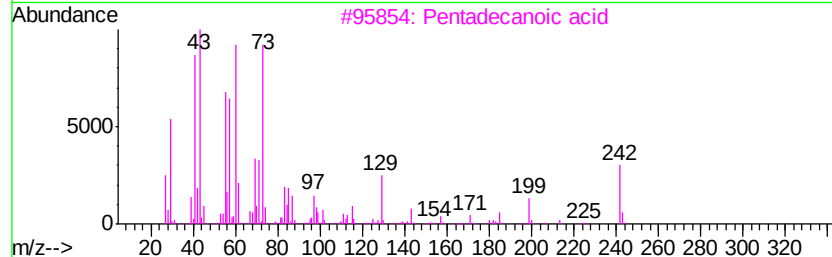
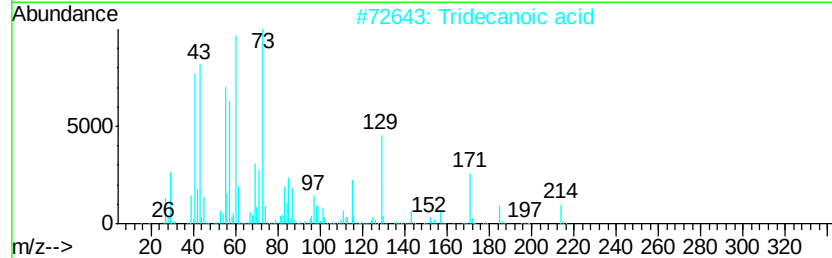
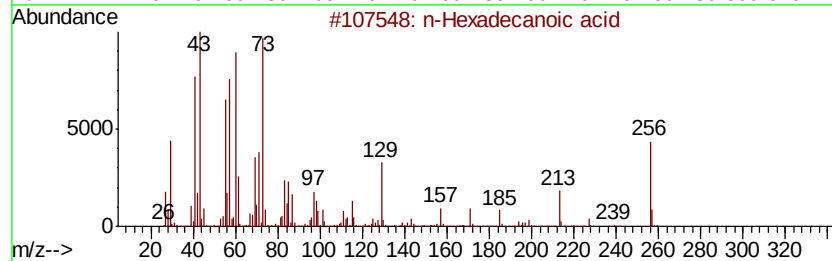
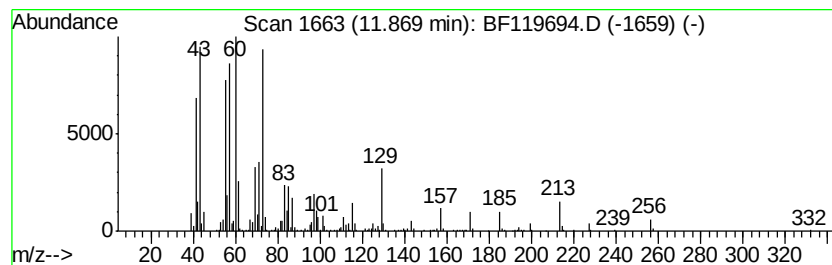
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.87	8.71 ng	954937	Phenanthrene-d10		11.34	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Octadecanoic acid		284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	72



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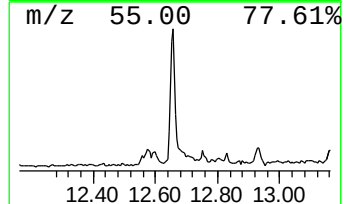
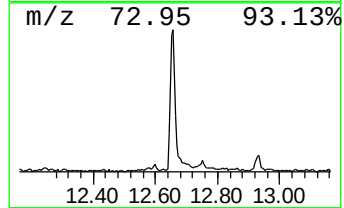
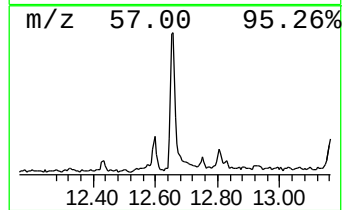
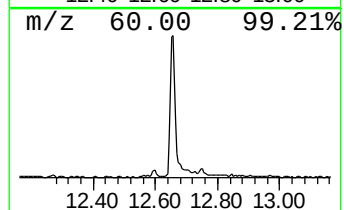
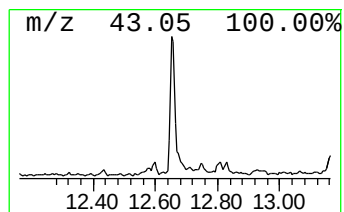
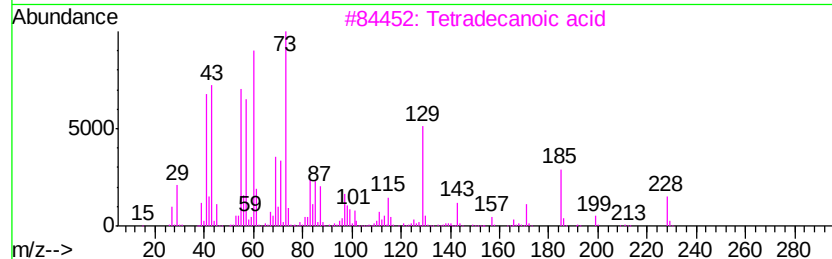
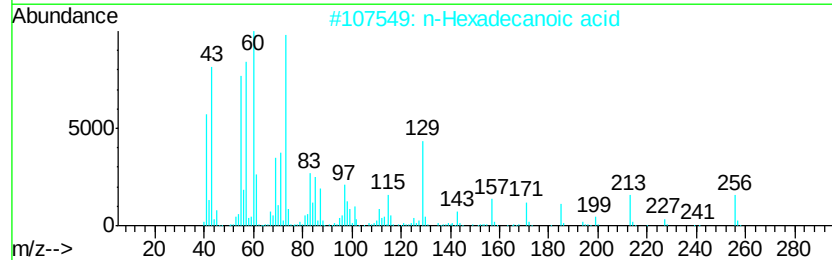
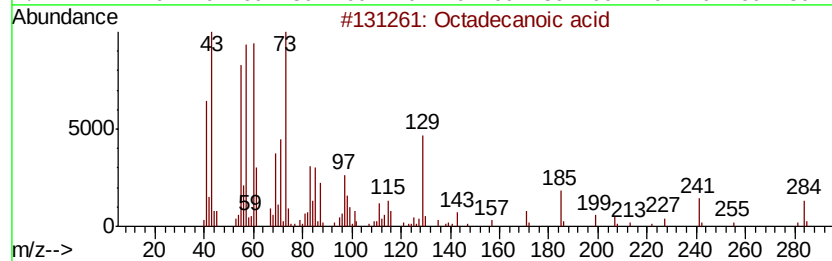
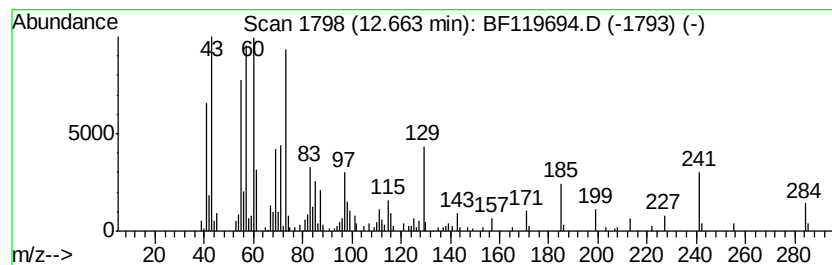
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.66	5.20 ng	570292	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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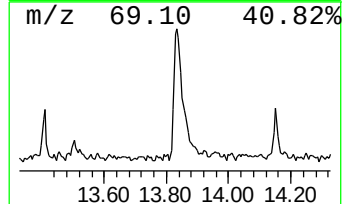
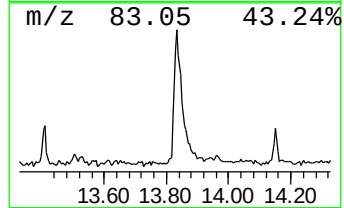
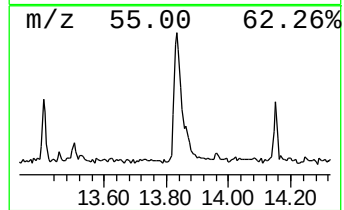
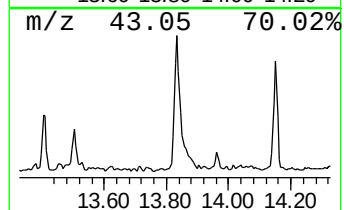
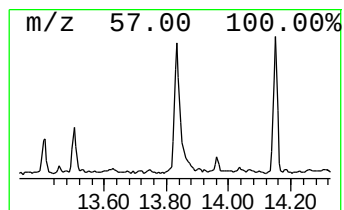
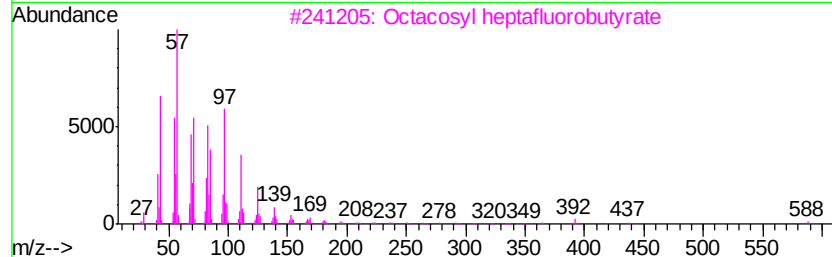
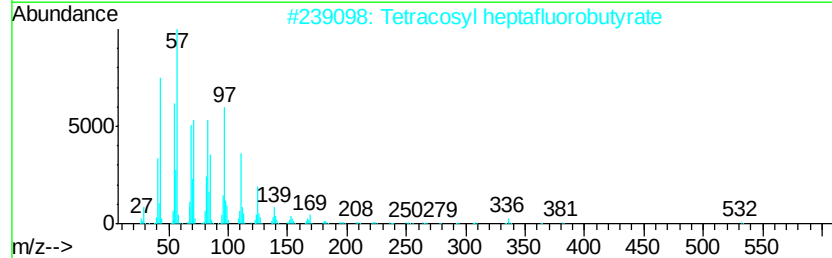
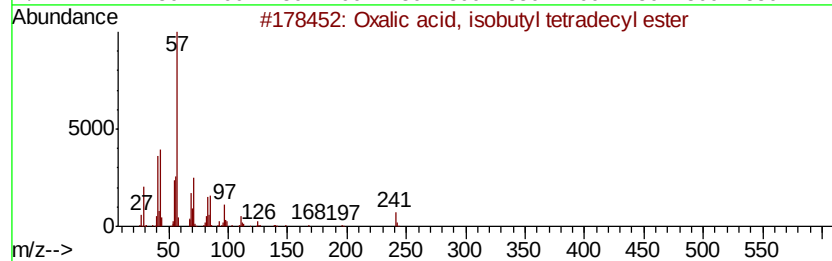
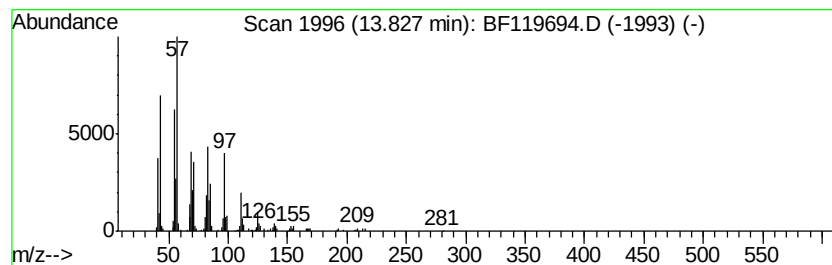
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Peak Number 6 Oxalic acid, isobutyl tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.83	4.72 ng	500463	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	91



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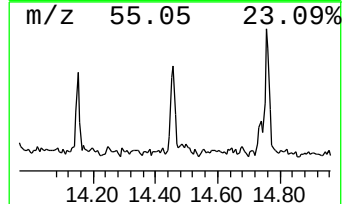
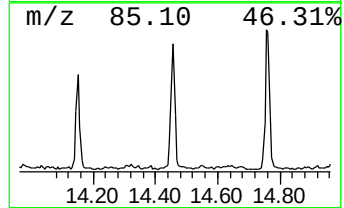
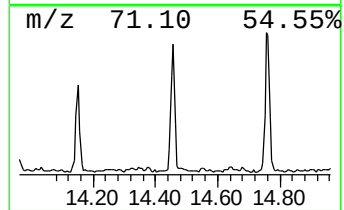
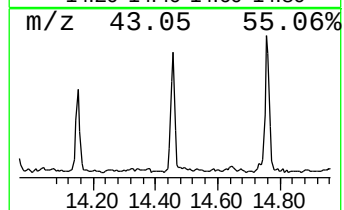
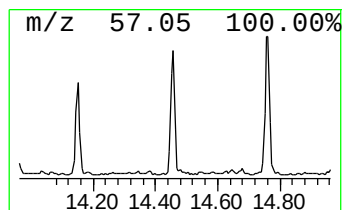
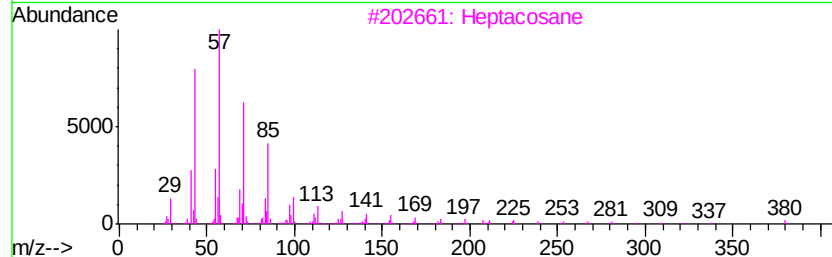
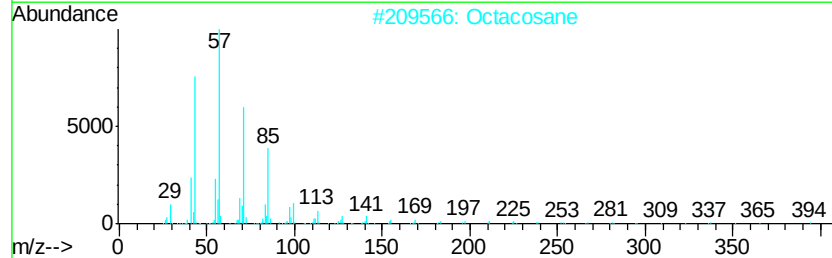
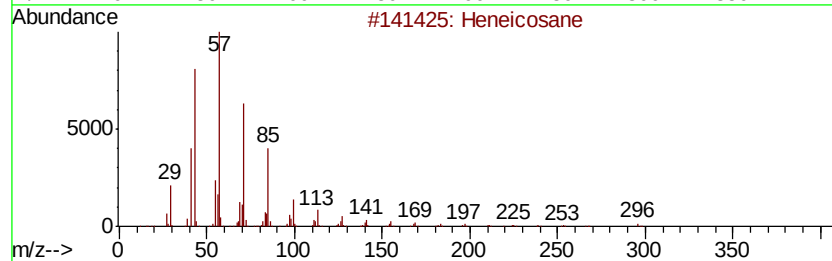
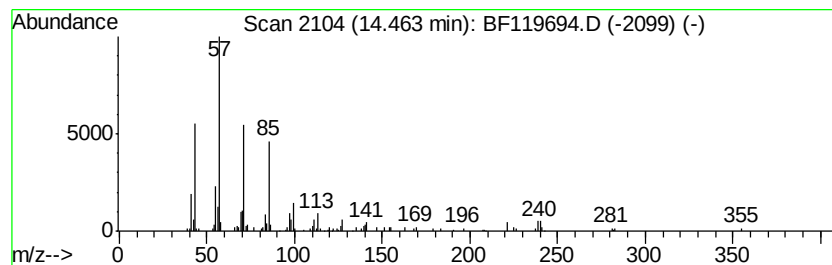
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.55 ng	270210	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119694.D
 Acq On : 2 Apr 2020 3:57
 Operator : MA/SJ
 Sample : L2089-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

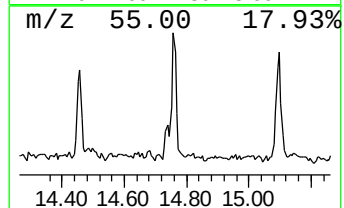
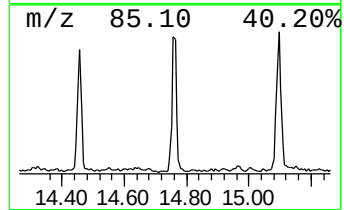
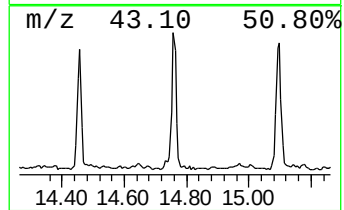
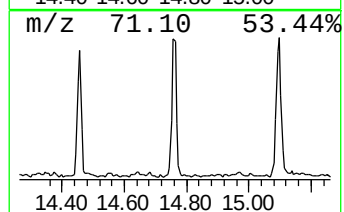
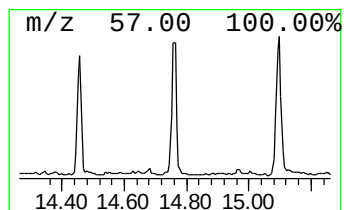
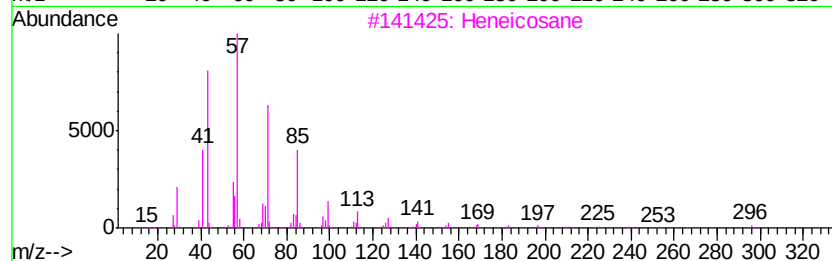
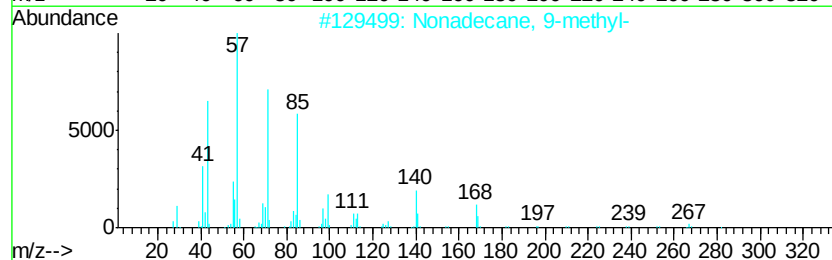
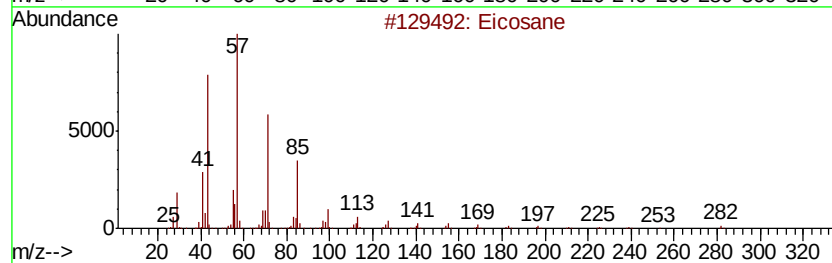
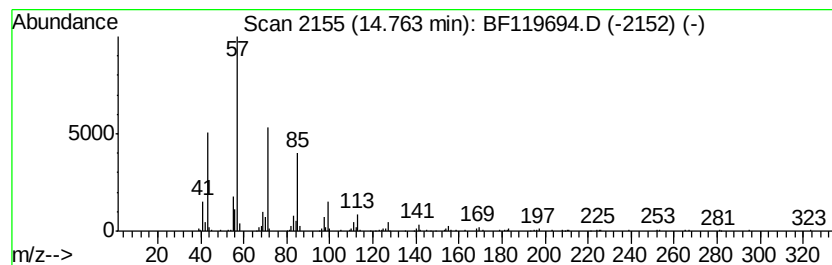
Instrument :
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.36 ng	333602	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 94
2	Nonadecane, 9-methyl-		282 C20H42	013287-24-6 93
3	Heneicosane		296 C21H44	000629-94-7 91
4	Octacosane		394 C28H58	000630-02-4 91
5	Heptacosane		380 C27H56	000593-49-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
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Acq On : 2 Apr 2020 3:57
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Sample : L2089-02
Misc :
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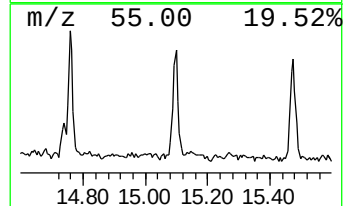
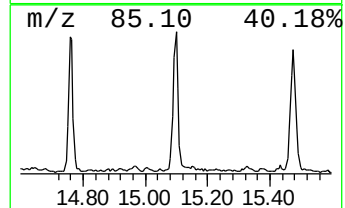
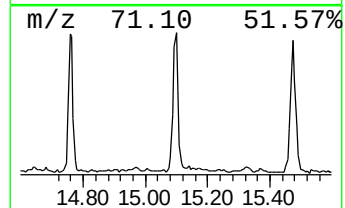
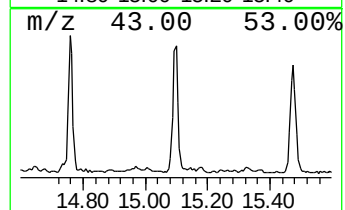
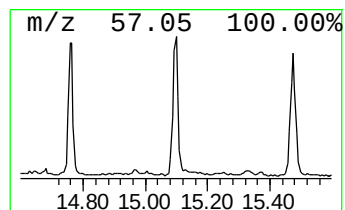
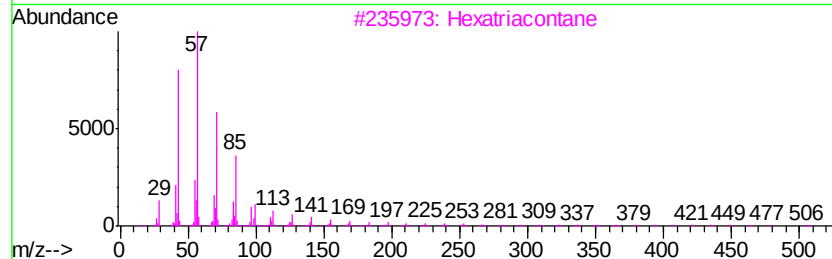
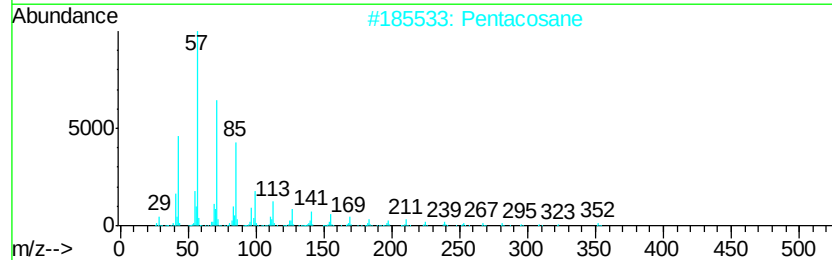
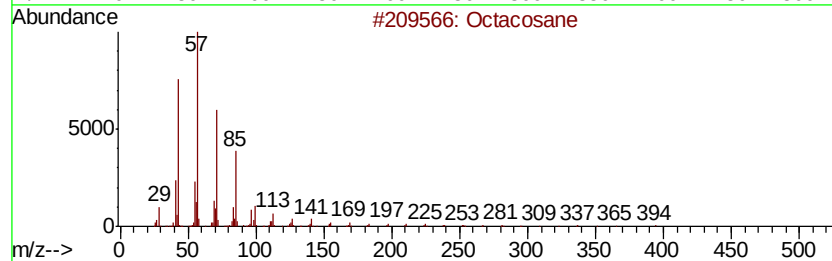
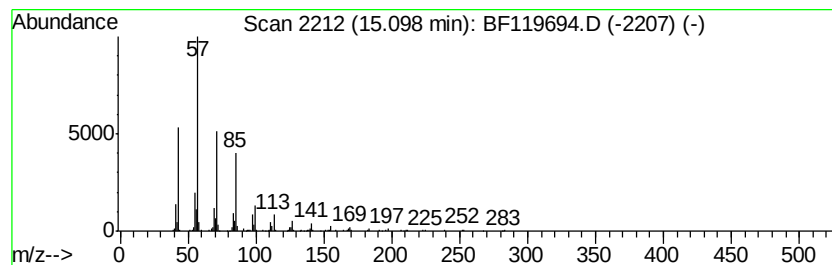
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.10	4.14 ng	411122	Perylene-d12		15.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
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Sample : L2089-02
Misc :
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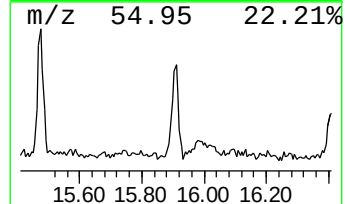
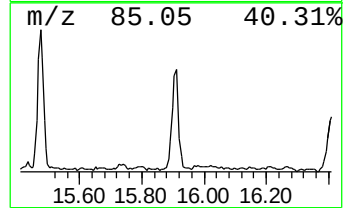
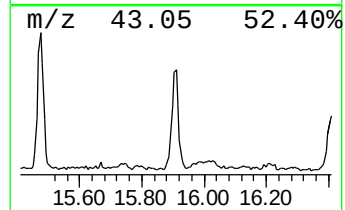
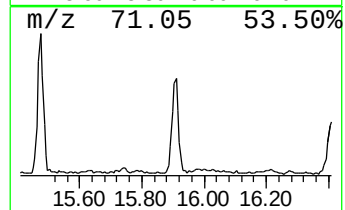
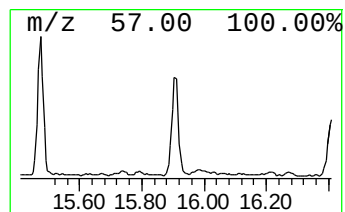
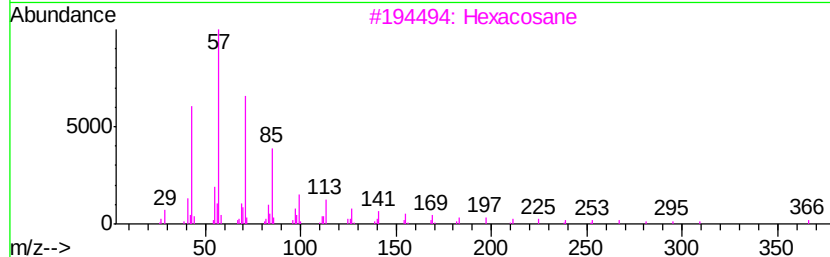
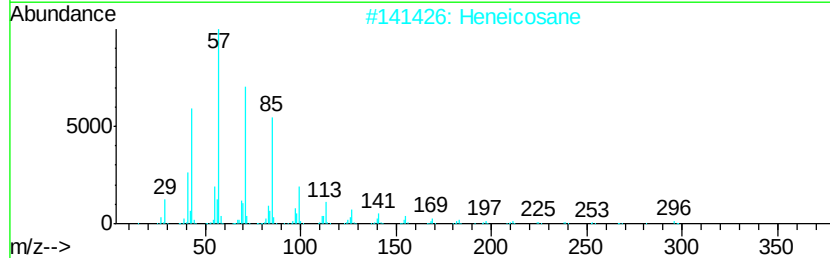
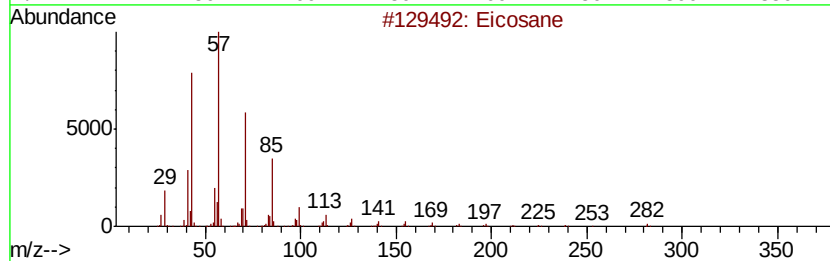
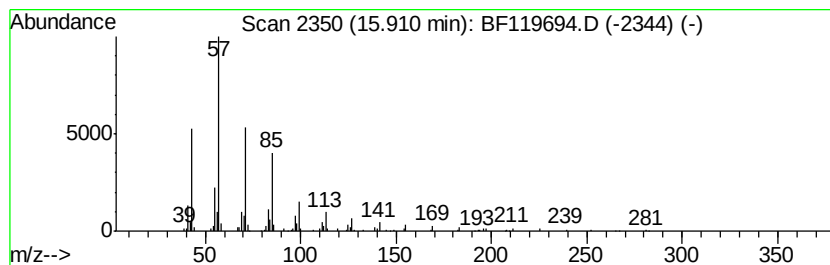
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.91	3.14 ng	312605	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119694.D
Acq On : 2 Apr 2020 3:57
Operator : MA/SJ
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ClientSampleId :
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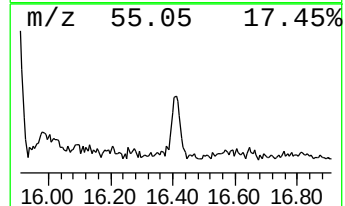
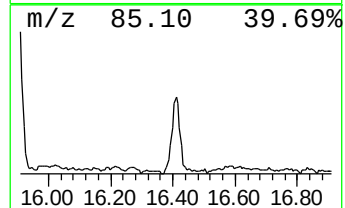
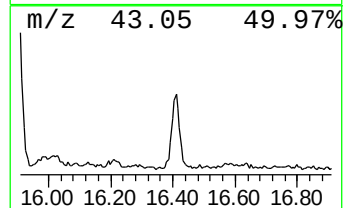
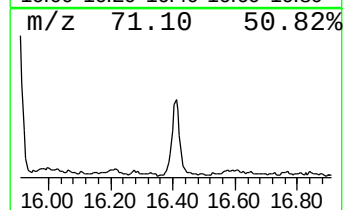
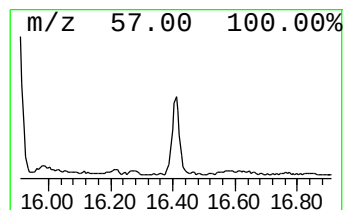
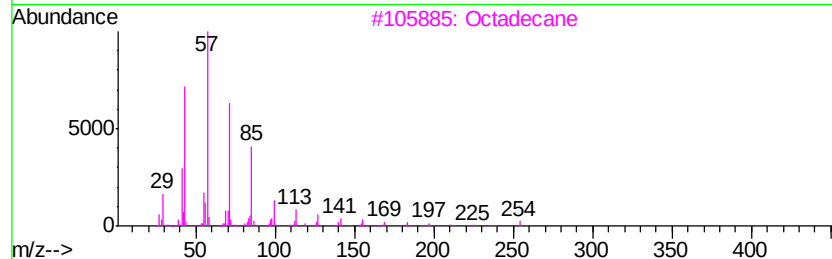
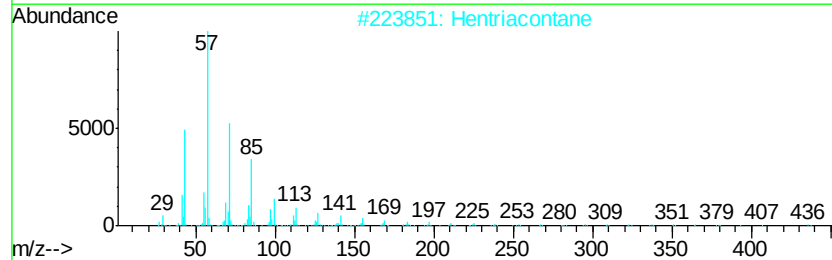
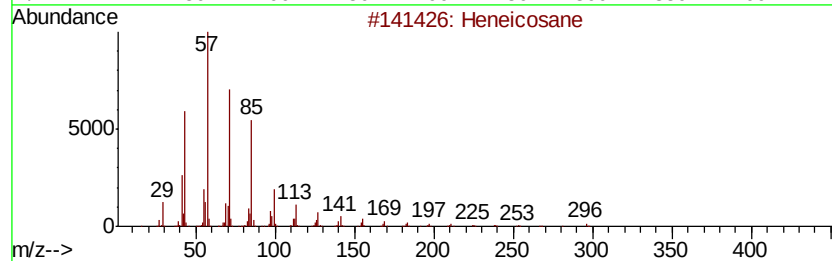
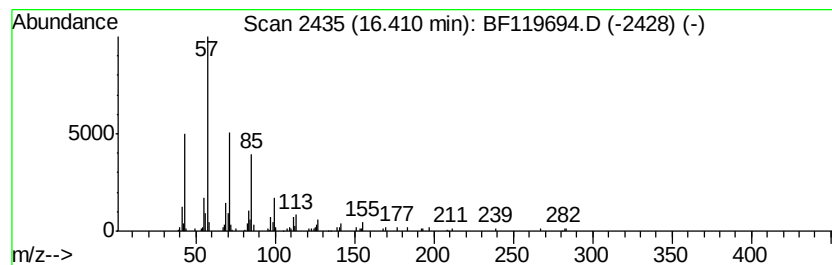
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.17 ng	215954	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Docosane	310	C22H46	000629-97-0	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
Data File : BF119694.D
Acq On : 2 Apr 2020 3:57
Operator : MA/SJ
Sample : L2089-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 1,1-dime...	2.21	2.8 ng		180182	1	6.81	1299300	20.0
2-Pentanone, 4-hy...	5.04	5.6 ng		362272	1	6.81	1299300	20.0
n-Hexadecanoic acid	11.87	8.7 ng		954937	4	11.34	2192330	20.0
Octadecanoic acid	12.66	5.2 ng		570292	4	11.34	2192330	20.0
Oxalic acid, isob...	13.83	4.7 ng		500463	5	13.98	2120930	20.0
Heneicosane	14.46	2.5 ng		270210	5	13.98	2120930	20.0
Eicosane	14.76	3.4 ng		333602	6	15.43	1988060	20.0
Octacosane	15.10	4.1 ng		411122	6	15.43	1988060	20.0
Hexacosane	15.91	3.1 ng		312605	6	15.43	1988060	20.0
Hentriacontane	16.41	2.2 ng		215954	6	15.43	1988060	20.0