

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118088.D
 Acq On : 4 Dec 2019 16:08
 Operator : JU
 Sample : K6119-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(8-10)

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-BF111319.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	2.146	4	10	16	rVB	403354	500532	13.35%	1.631%
2	5.087	506	510	525	rVB	486360	602631	16.07%	1.964%
3	5.493	575	579	583	rBV	2535564	2468568	65.82%	8.043%
4	6.504	746	751	754	rBV	2618816	2599989	69.32%	8.471%
5	6.645	771	775	779	rBV	3112610	2797790	74.60%	9.116%
6	6.875	811	814	818	rBV	853986	735179	19.60%	2.395%
7	7.034	837	841	844	rBV	2640320	2217903	59.14%	7.226%
8	7.439	905	910	913	rBV	1851425	1638850	43.70%	5.340%
9	8.163	1029	1033	1049	rBV	1121091	966281	25.76%	3.148%
10	9.245	1212	1217	1220	rBV	3656345	3336343	88.96%	10.871%
11	9.633	1280	1283	1293	rBV	367712	330524	8.81%	1.077%
12	9.928	1329	1333	1342	rVB	1317938	1126257	30.03%	3.670%
13	10.722	1463	1468	1479	rBV	2184557	2199373	58.64%	7.166%
14	11.422	1583	1587	1594	rBV	1339403	1183974	31.57%	3.858%
15	11.939	1671	1675	1687	rBV	213230	271246	7.23%	0.884%
16	12.651	1790	1796	1803	rBV10	13828	40625	1.08%	0.132%
17	12.727	1803	1809	1823	rBV	304610	452113	12.05%	1.473%
18	13.010	1853	1857	1860	rBV	4063079	3750554	100.00%	12.220%
19	13.233	1889	1895	1899	rBV3	29855	47339	1.26%	0.154%
20	13.904	2006	2009	2022	rBV	312202	439600	11.72%	1.432%
21	14.068	2033	2037	2043	rBV	1014788	1004350	26.78%	3.272%
22	14.227	2060	2064	2067	rBV2	64653	60746	1.62%	0.198%
23	14.533	2112	2116	2124	rBV	109295	133877	3.57%	0.436%
24	14.845	2164	2169	2175	rBV	130976	147362	3.93%	0.480%
25	15.192	2224	2228	2233	rBV	141157	171708	4.58%	0.559%
26	15.568	2287	2292	2300	rBV	709929	1062149	28.32%	3.461%
27	16.039	2367	2372	2377	rVB	108245	161998	4.32%	0.528%
28	16.098	2378	2382	2390	rBV5	30212	62908	1.68%	0.205%
29	16.562	2455	2461	2467	rBV3	63530	128381	3.42%	0.418%
30	17.174	2562	2565	2571	rVB4	31734	52415	1.40%	0.171%

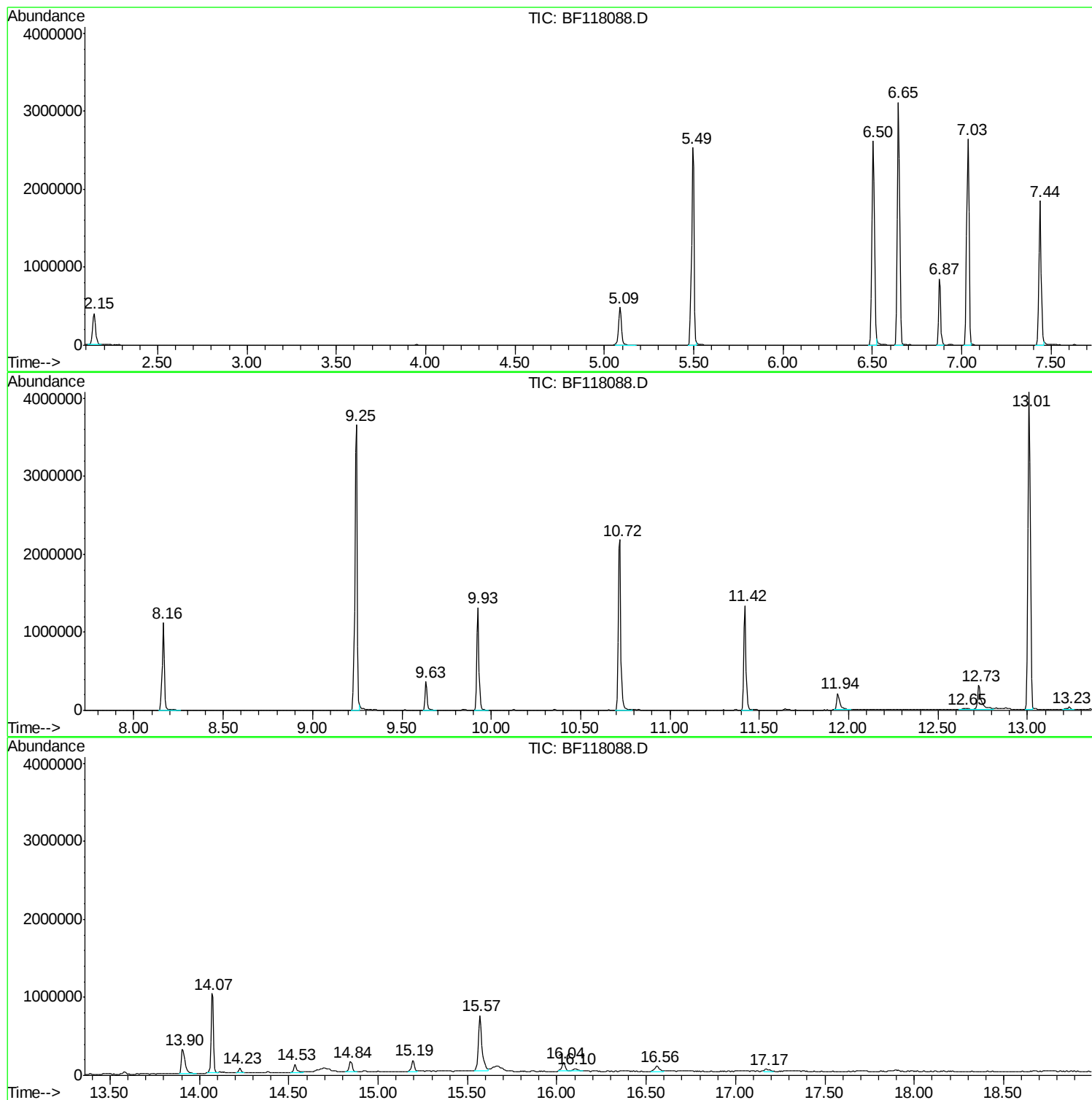
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Instrument :
BNA_F
ClientSampled :
SB-4-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.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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Instrument :
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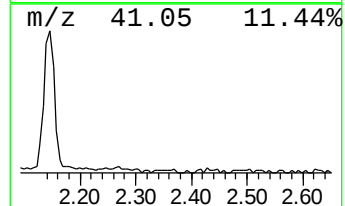
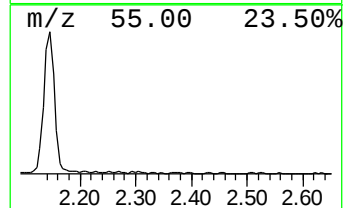
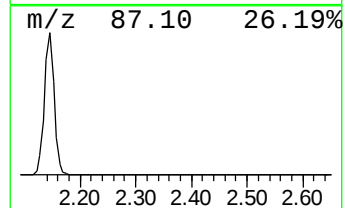
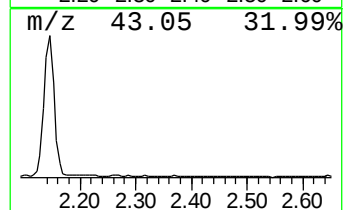
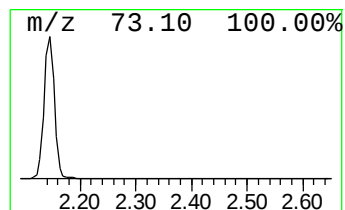
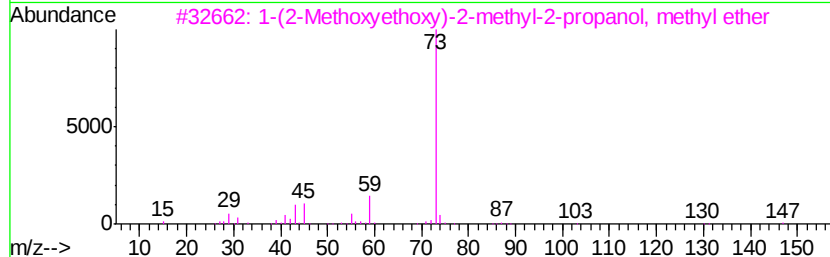
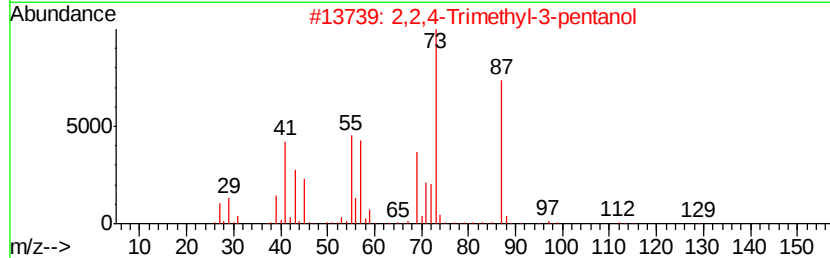
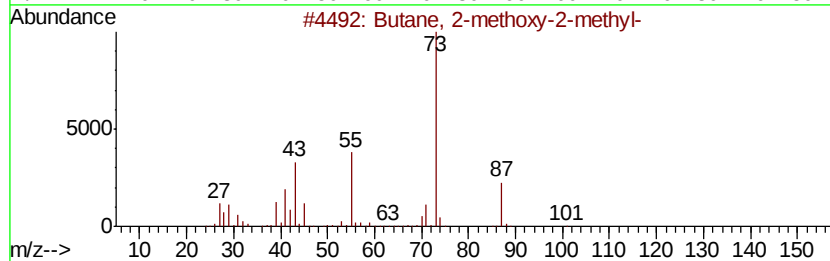
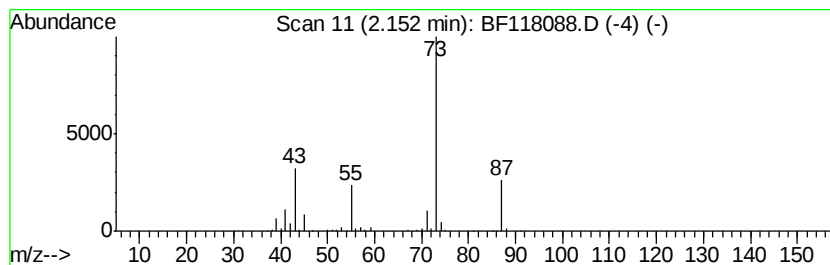
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	13.62 ng	500532	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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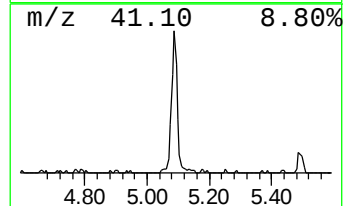
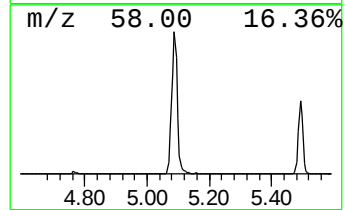
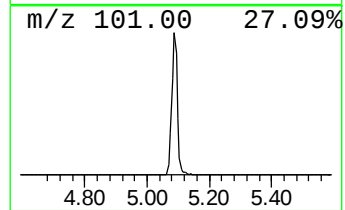
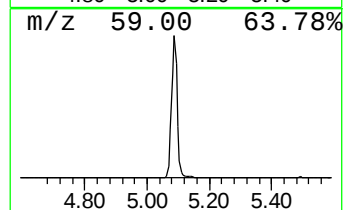
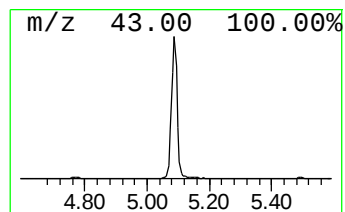
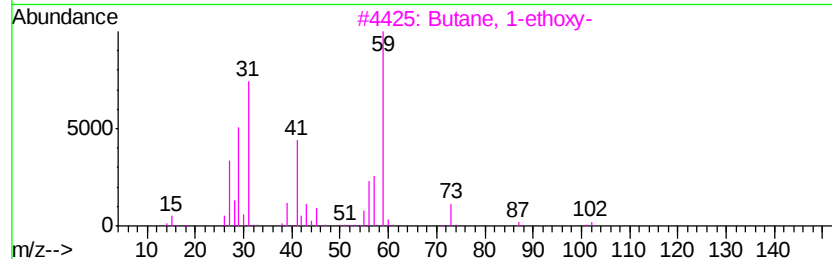
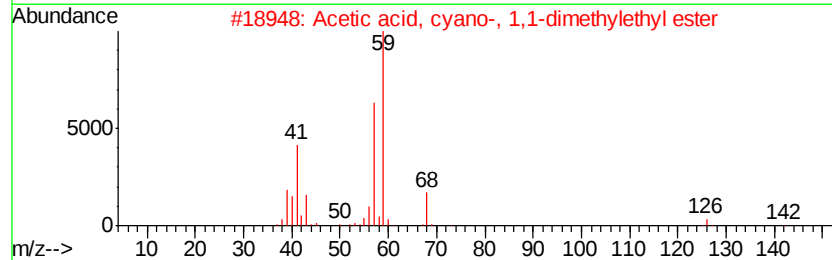
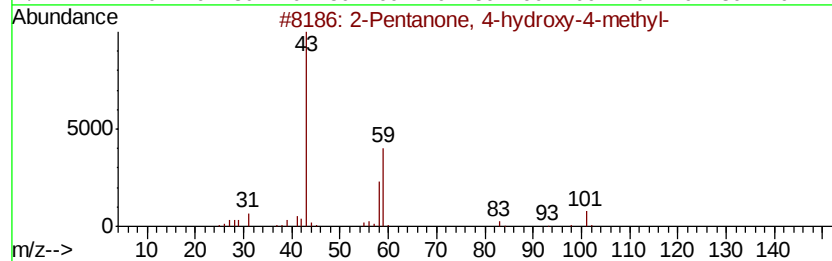
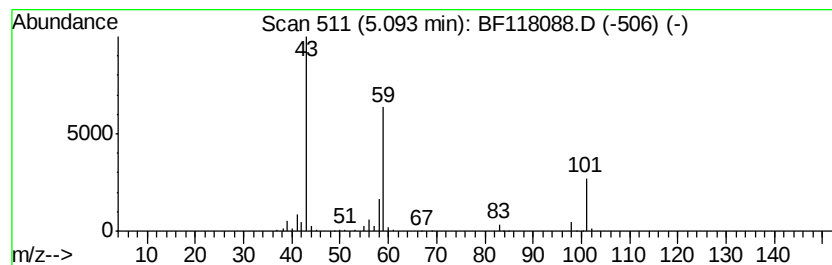
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	16.39 ng	602631	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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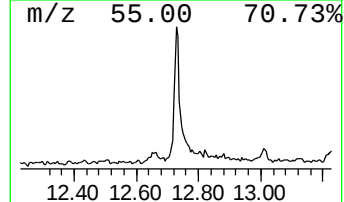
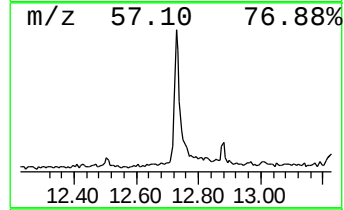
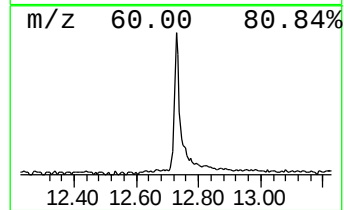
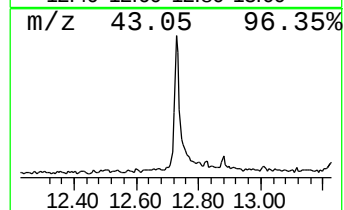
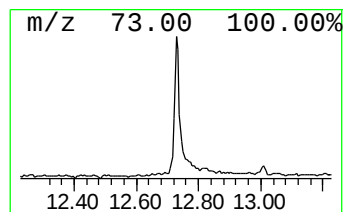
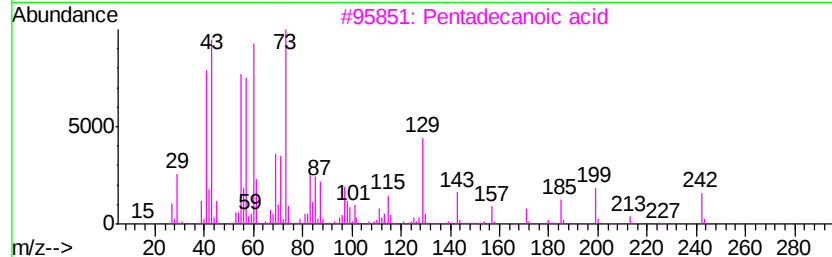
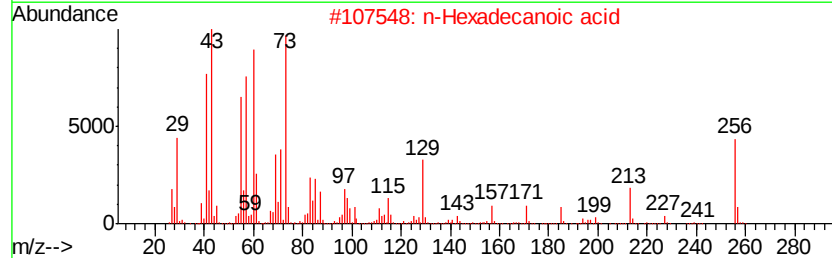
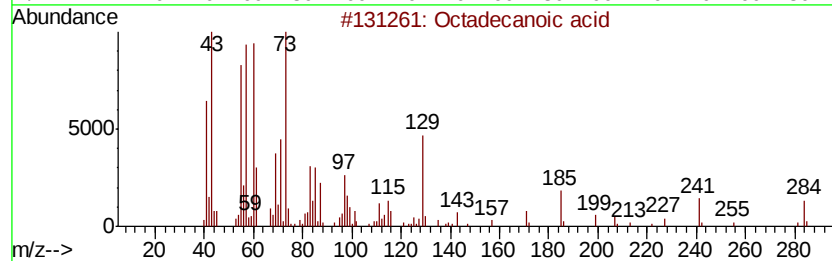
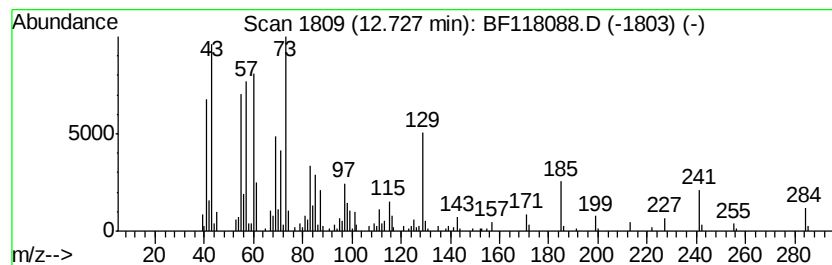
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SB-4-(8-10)

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.73	7.64 ng	452113	Phenanthrene-d10		11.42	
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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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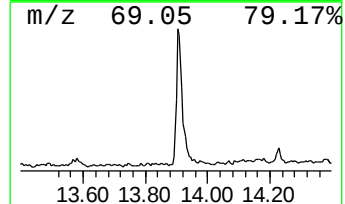
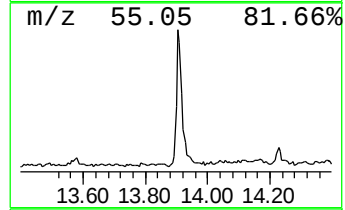
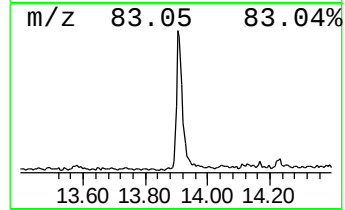
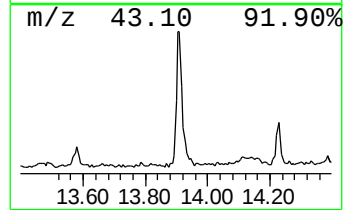
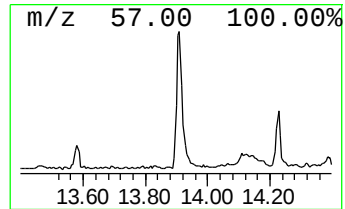
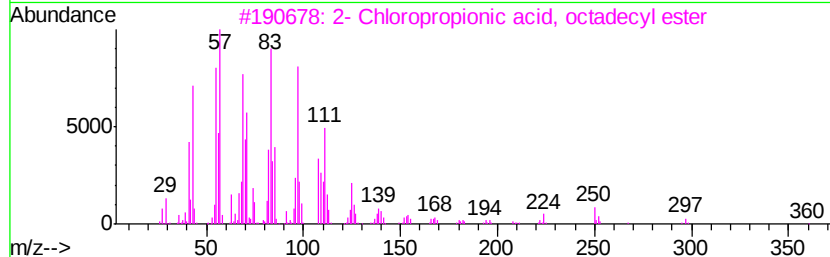
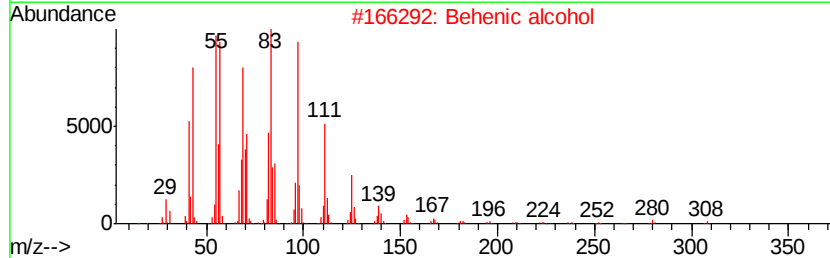
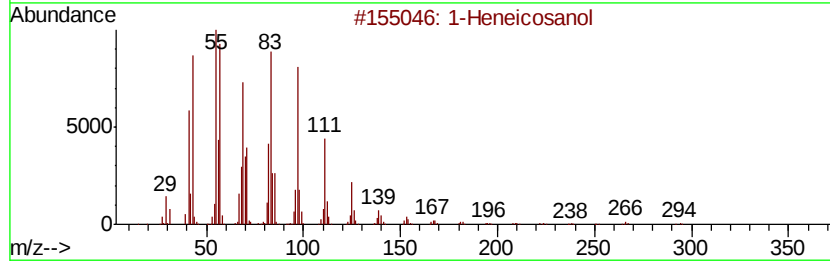
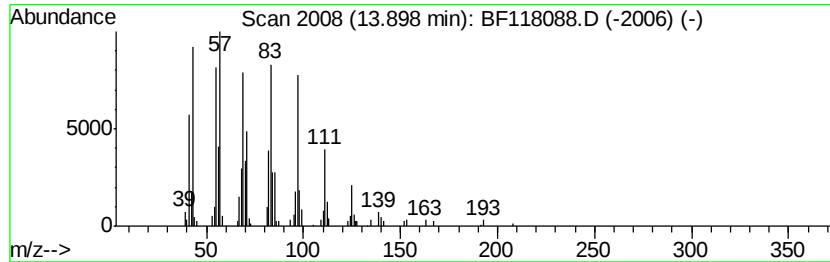
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Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.75 ng	439600	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Behenic alcohol		326	C22H46O	000661-19-8	95
3	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	94
4	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1		354	C24H50O	000506-51-4	93



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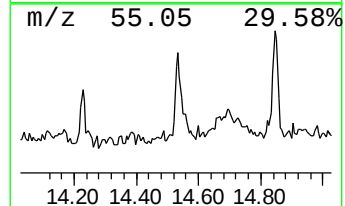
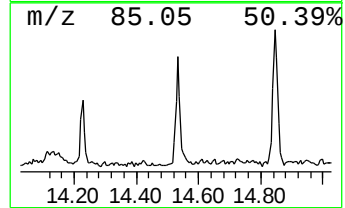
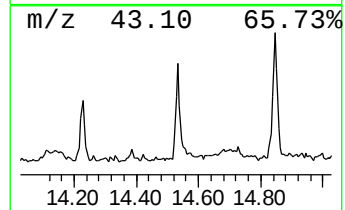
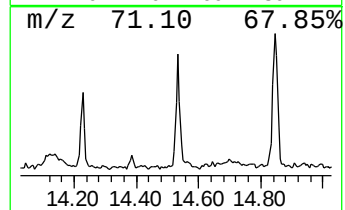
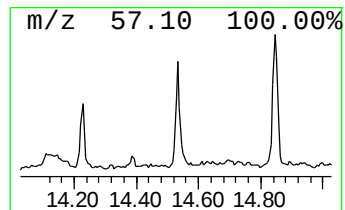
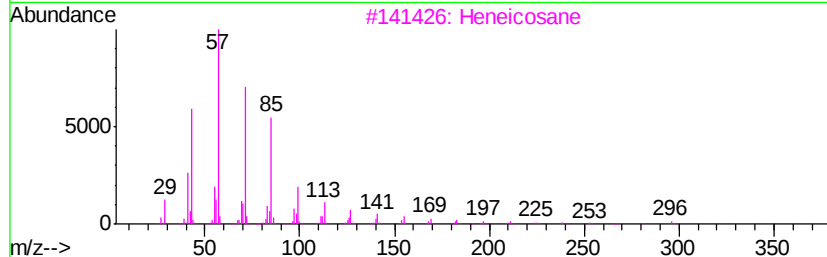
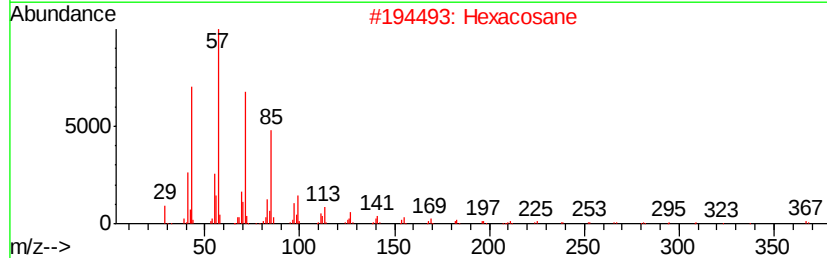
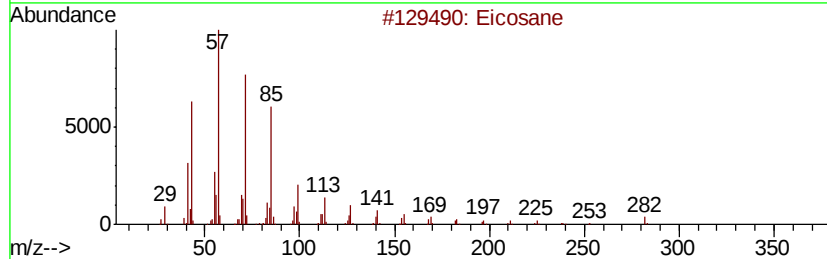
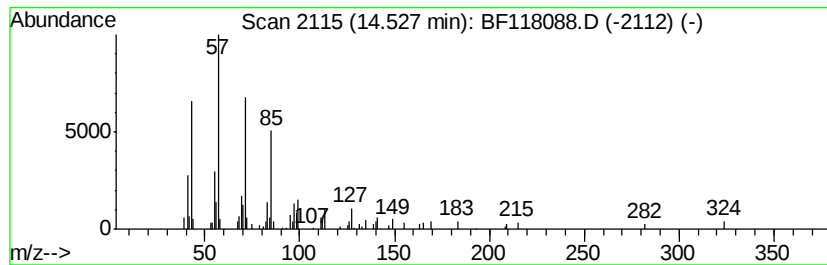
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.67 ng	133877	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octacosane		394	C28H58	000630-02-4	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



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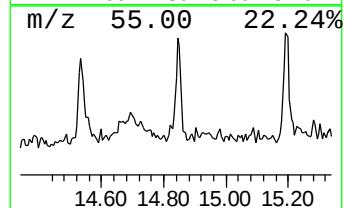
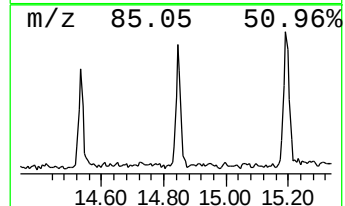
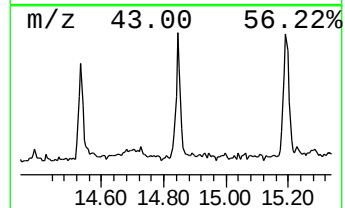
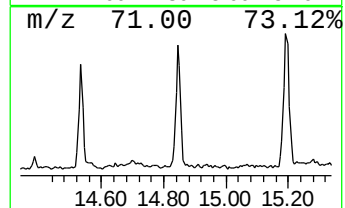
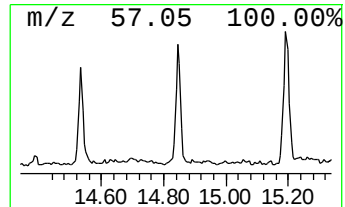
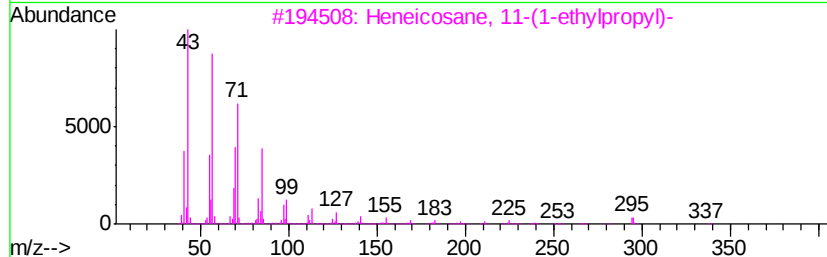
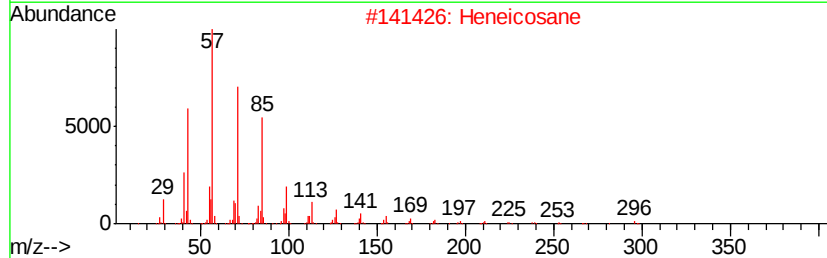
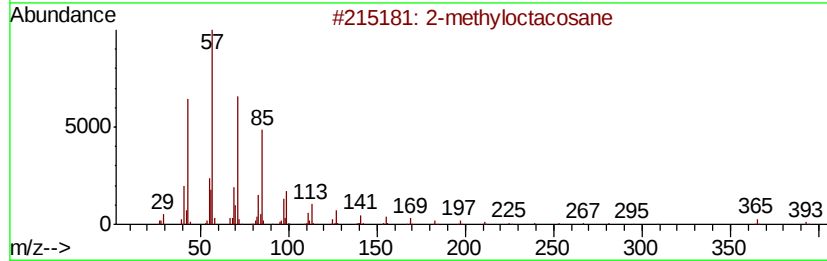
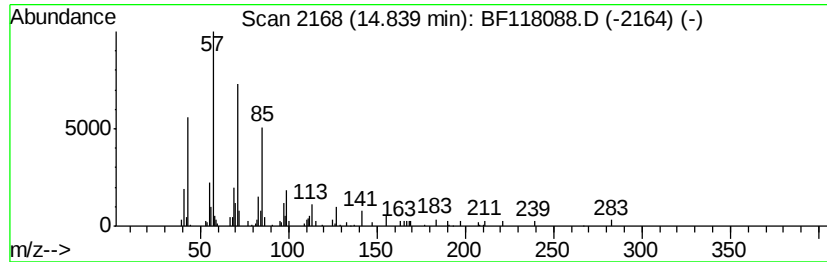
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.77 ng	147362	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Triacotane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118088.D
Acq On : 4 Dec 2019 16:08
Operator : JU
Sample : K6119-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(8-10)

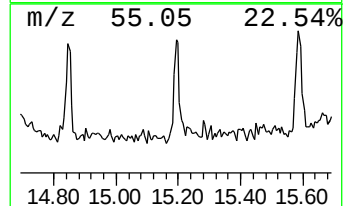
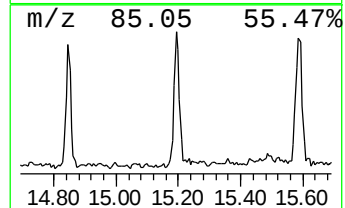
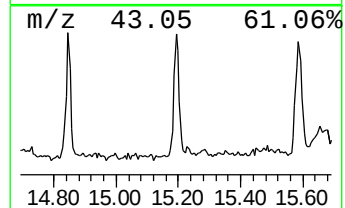
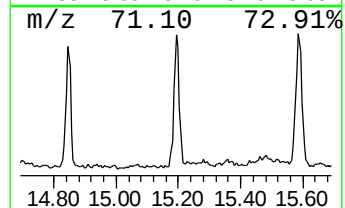
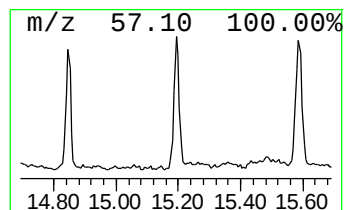
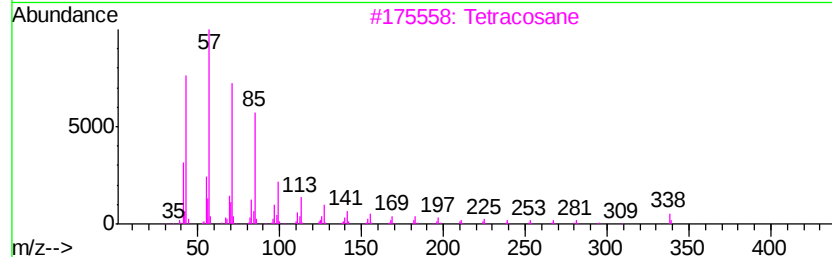
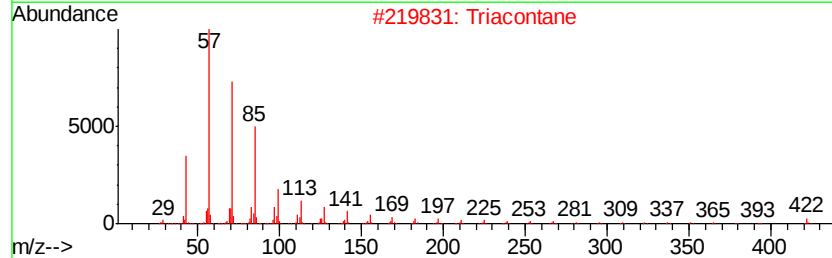
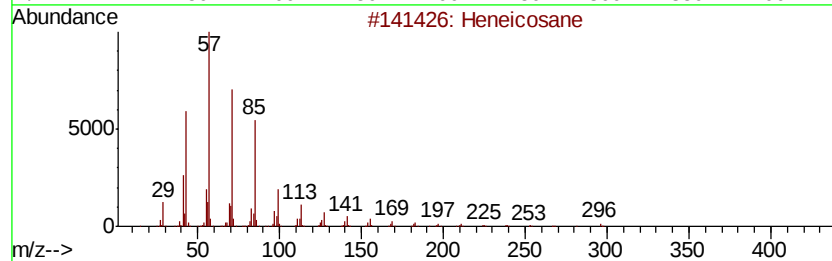
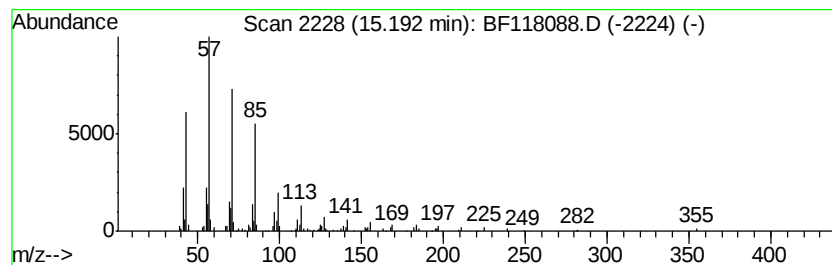
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.23 ng	171708	Perylene-d12	15.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Triacontane		422	C30H62	000638-68-6	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118088.D
Acq On : 4 Dec 2019 16:08
Operator : JU
Sample : K6119-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(8-10)

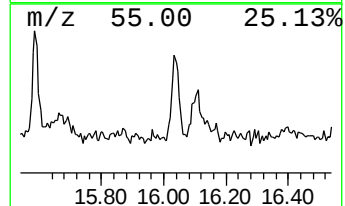
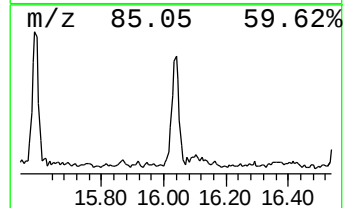
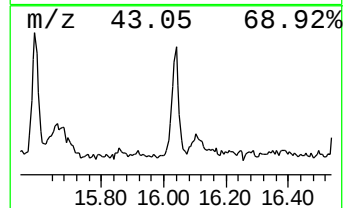
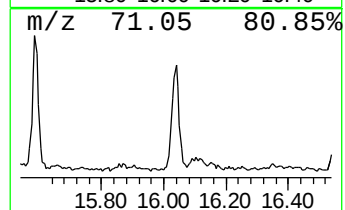
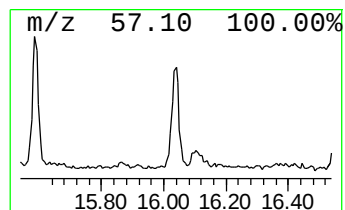
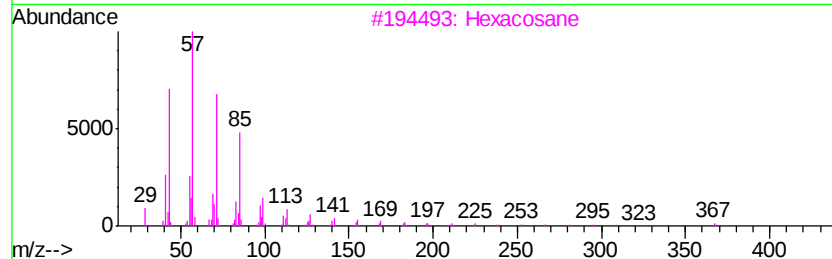
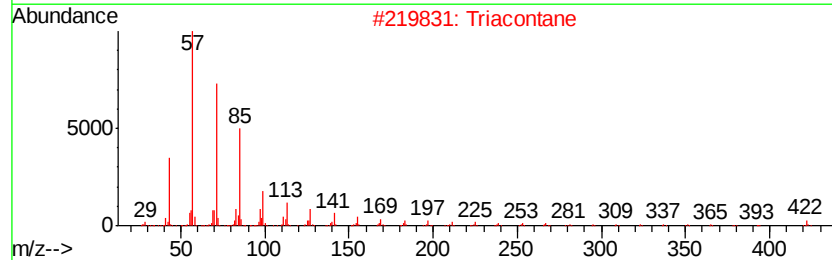
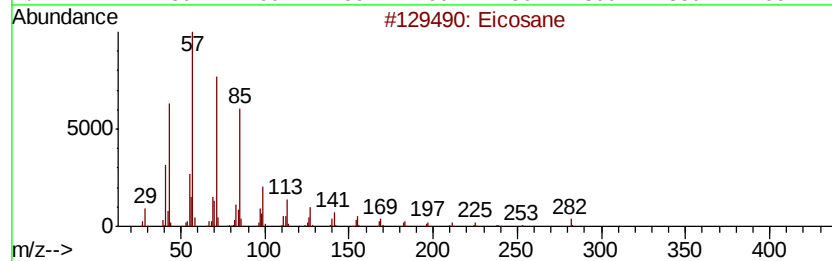
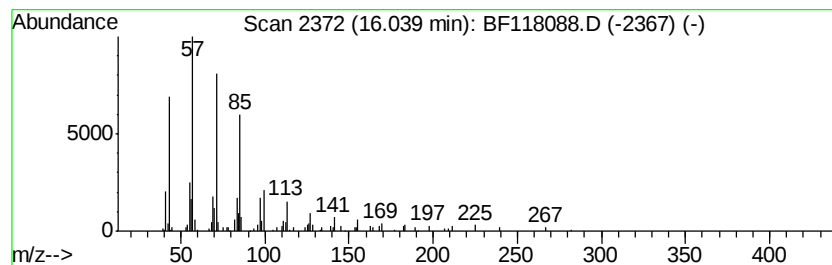
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.05 ng	161998	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118088.D
 Acq On : 4 Dec 2019 16:08
 Operator : JU
 Sample : K6119-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(8-10)

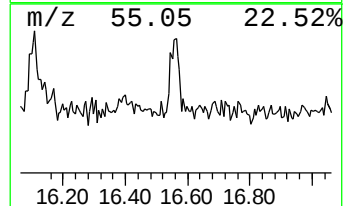
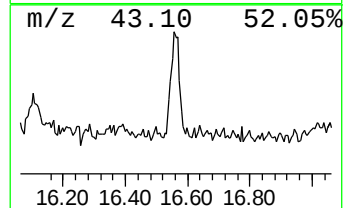
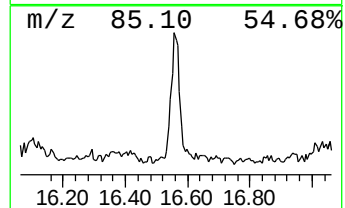
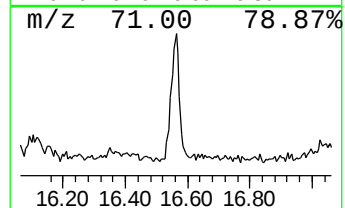
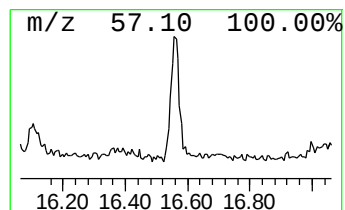
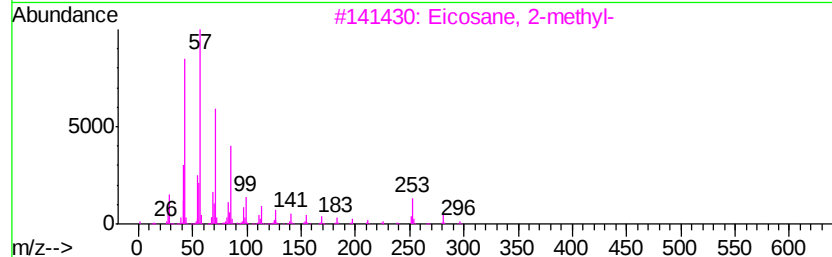
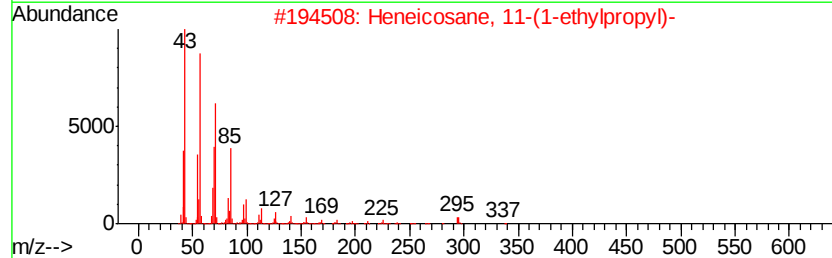
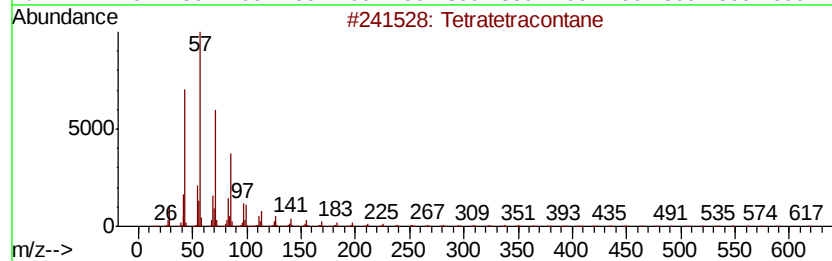
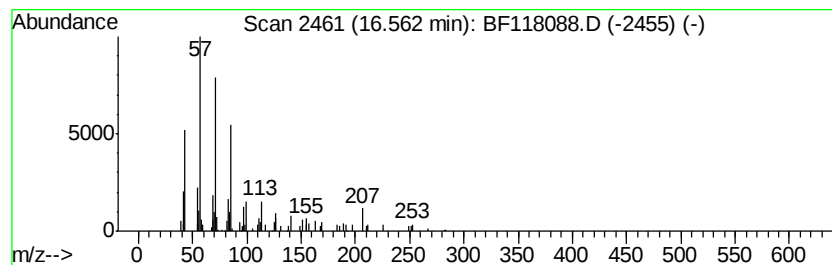
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.42 ng	128381	Perylene-d12	15.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120419\
Data File : BF118088.D
Acq On : 4 Dec 2019 16:08
Operator : JU
Sample : K6119-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.15	13.6	ng	500532	1	6.87	735179	20.0
2-Pentanone, 4-hy...	5.09	16.4	ng	602631	1	6.87	735179	20.0
Octadecanoic acid	12.73	7.6	ng	452113	4	11.42	1183970	20.0
1-Heneicosanol	13.90	8.8	ng	439600	5	14.07	1004350	20.0
Eicosane	14.53	2.7	ng	133877	5	14.07	1004350	20.0
2-methyloctacosane	14.84	2.8	ng	147362	6	15.57	1062150	20.0
Heneicosane	15.19	3.2	ng	171708	6	15.57	1062150	20.0
triacontane	16.04	3.0	ng	161998	6	15.57	1062150	20.0
Tetratetracontane	16.56	2.4	ng	128381	6	15.57	1062150	20.0