

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119296.D
 Acq On : 9 Mar 2020 21:28
 Operator : CG/JU
 Sample : L1844-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-16-030520

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-BF022020.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	4.922	479	482	494	rBV	118123	171061	5.32%	0.720%
2	5.351	552	555	576	rBV	1640513	1956834	60.87%	8.235%
3	6.375	726	729	756	rBV	1776241	1968606	61.23%	8.284%
4	6.722	785	788	799	rVB	598423	519372	16.15%	2.186%
5	6.881	811	815	832	rBV	1856490	1805089	56.15%	7.596%
6	7.287	881	884	899	rBV	1291179	1325271	41.22%	5.577%
7	8.004	1002	1006	1018	rBV	763433	687157	21.37%	2.892%
8	9.081	1185	1189	1201	rBV	2791064	2669878	83.04%	11.236%
9	9.475	1253	1256	1266	rBV	106088	110876	3.45%	0.467%
10	9.757	1300	1304	1314	rBV	958871	881414	27.42%	3.709%
11	10.551	1435	1439	1455	rBV	1875313	1938780	60.30%	8.159%
12	11.239	1553	1556	1564	rBV	1063980	967802	30.10%	4.073%
13	11.775	1644	1647	1655	rBV2	183436	202858	6.31%	0.854%
14	12.551	1776	1779	1787	rBV2	43368	64194	2.00%	0.270%
15	12.822	1821	1825	1828	rBV	3642074	3215015	100.00%	13.530%
16	13.721	1974	1978	1997	rBV2	244985	598128	18.60%	2.517%
17	13.880	2001	2005	2013	rBV	992571	964677	30.01%	4.060%
18	14.033	2027	2031	2035	rBV	175719	159104	4.95%	0.670%
19	14.339	2079	2083	2086	rBV	282897	277381	8.63%	1.167%
20	14.374	2086	2089	2100	rVB8	29541	67508	2.10%	0.284%
21	14.633	2129	2133	2137	rBV	411764	388862	12.10%	1.636%
22	14.945	2182	2186	2191	rBV	419415	421850	13.12%	1.775%
23	15.304	2241	2247	2257	rBV2	784021	1219902	37.94%	5.134%
24	15.704	2309	2315	2321	rBV	213912	312909	9.73%	1.317%
25	15.810	2325	2333	2339	rBV7	37013	110441	3.44%	0.465%
26	16.168	2388	2394	2404	rVB2	100773	201806	6.28%	0.849%
27	16.709	2481	2486	2494	rVB2	34238	64274	2.00%	0.270%
28	17.651	2638	2646	2655	rVB6	58103	142465	4.43%	0.600%
29	18.068	2707	2717	2726	rBV5	125995	349222	10.86%	1.470%

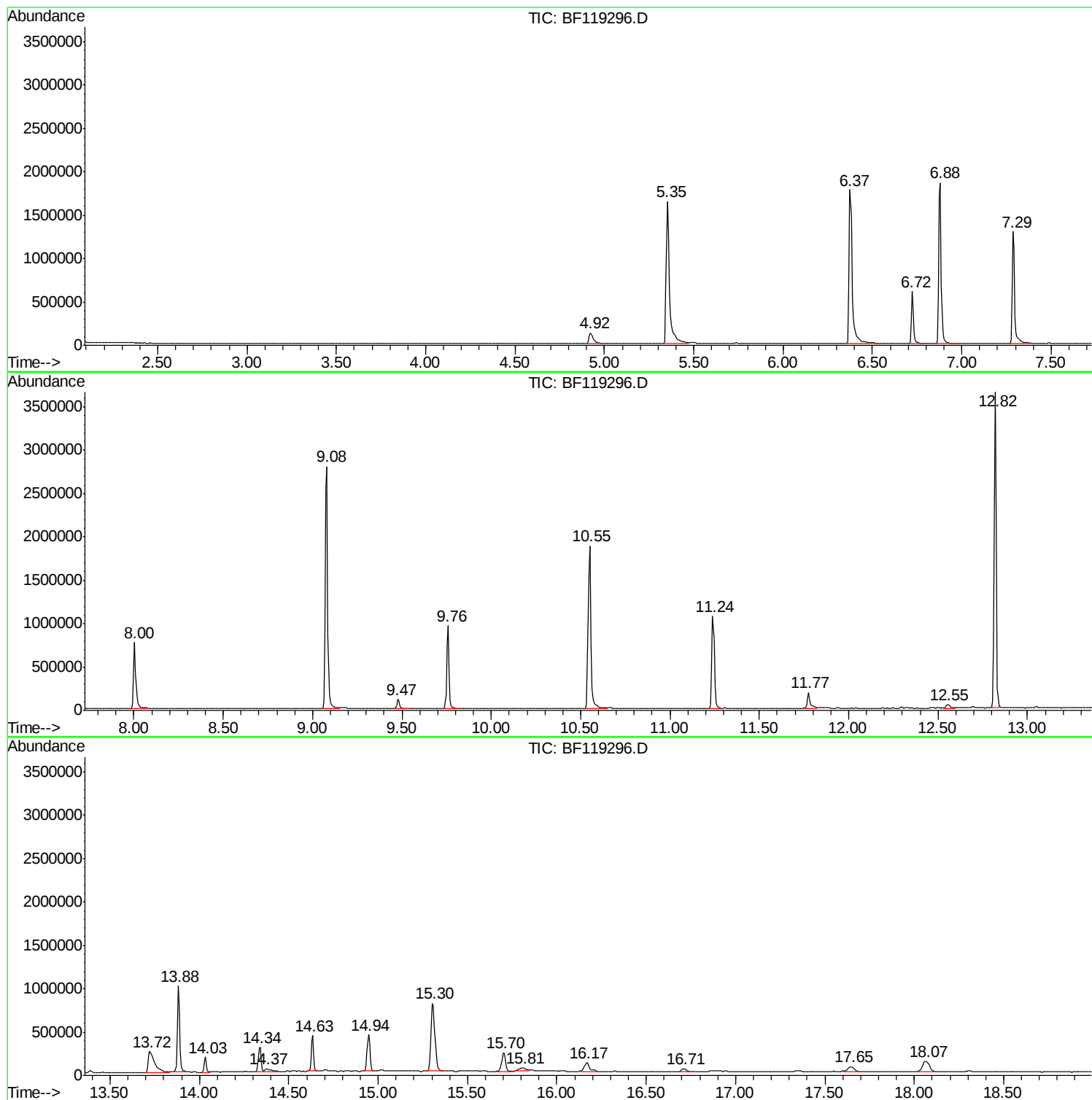
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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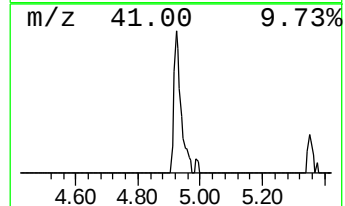
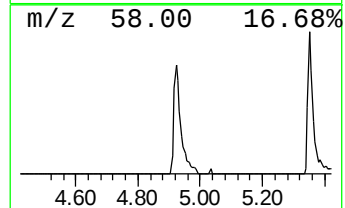
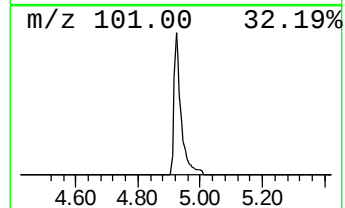
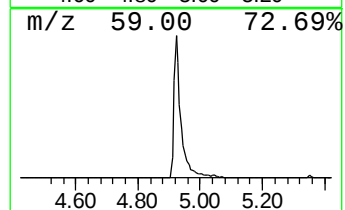
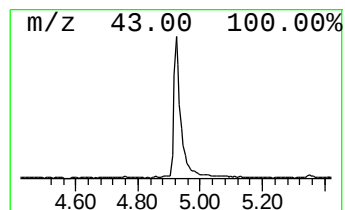
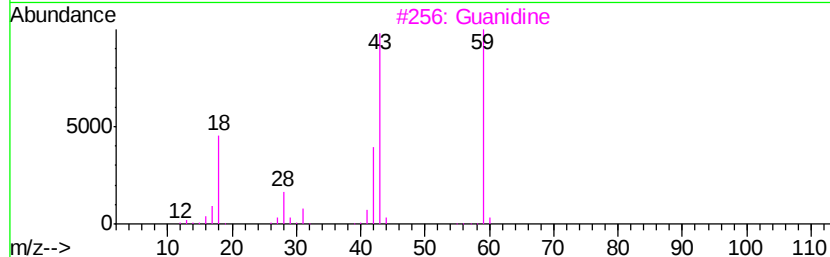
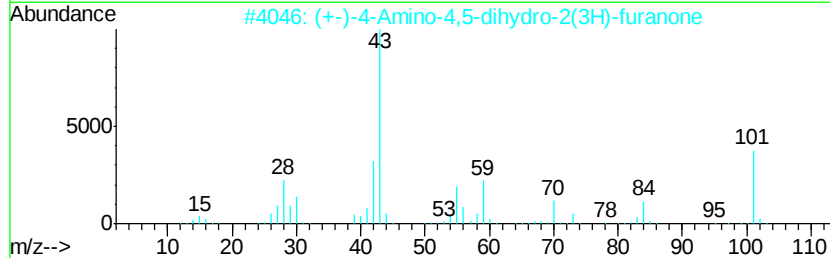
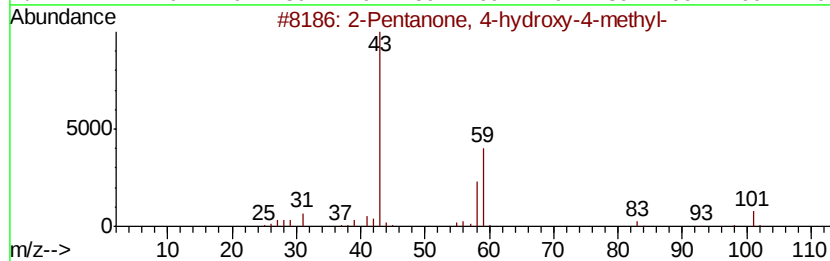
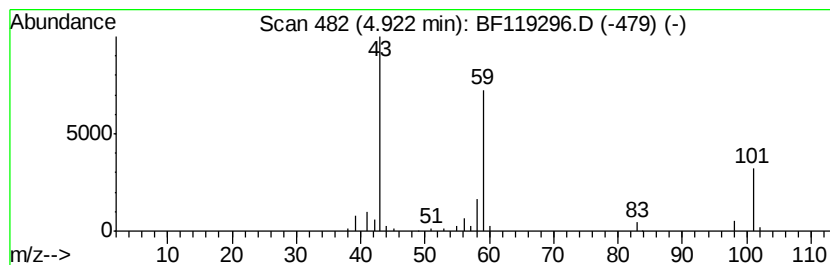
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.59 ng	171061	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3			Guanidine	59	CH5N3	000113-00-8	43
4			2,3-Dimethyloxirane-2-carboxylic acid	130	C6H10O3	1000306-64-4	28
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17



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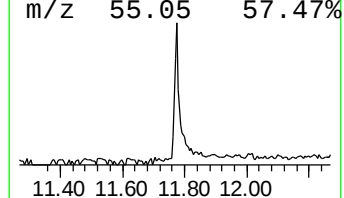
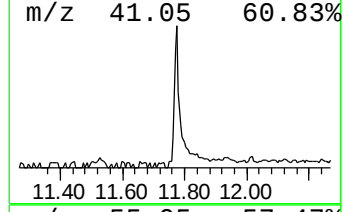
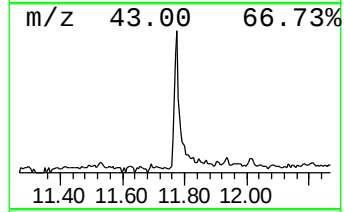
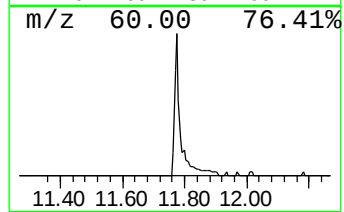
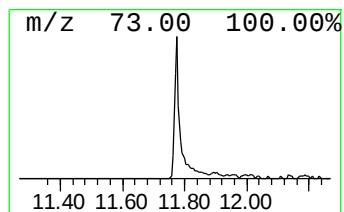
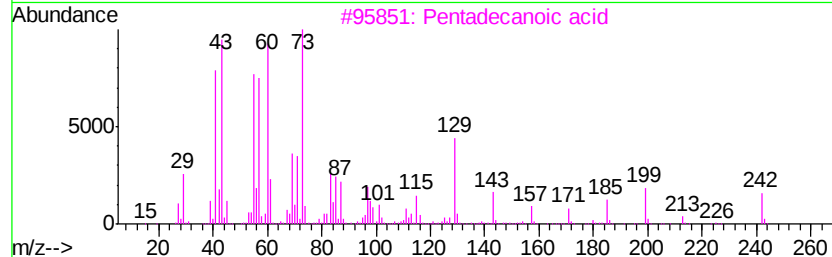
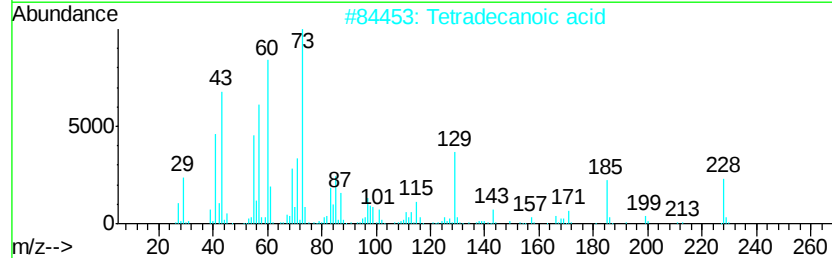
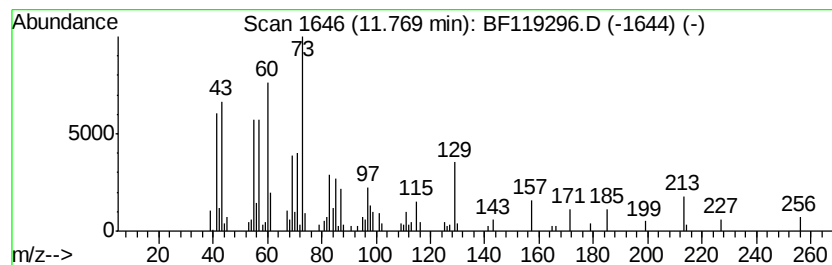
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.19 ng	202858	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Undecanoic acid	186	C11H22O2	000112-37-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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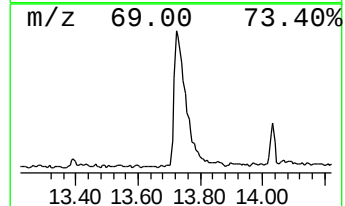
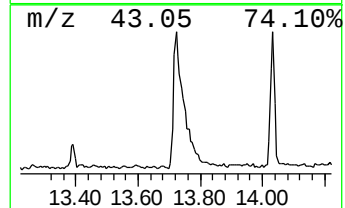
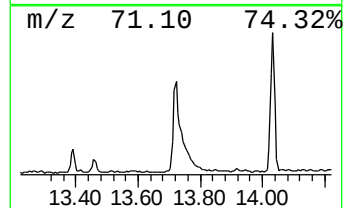
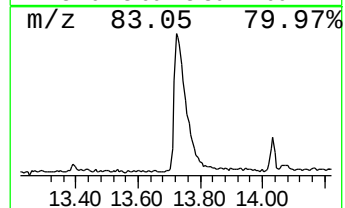
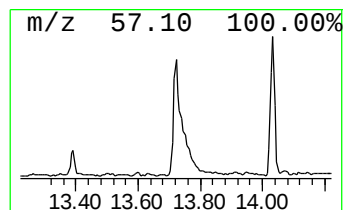
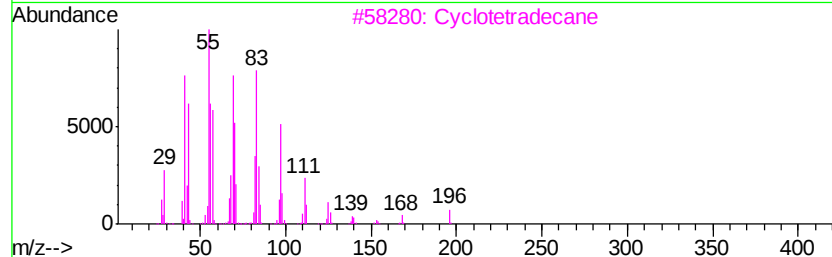
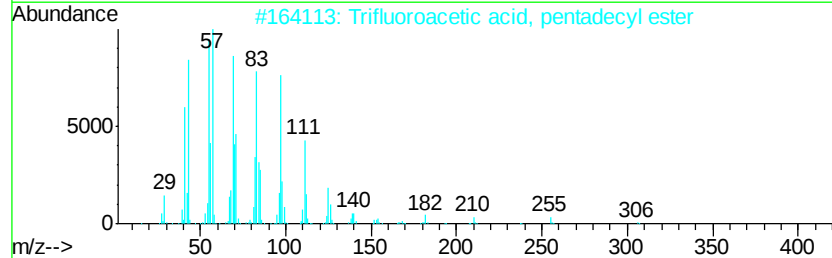
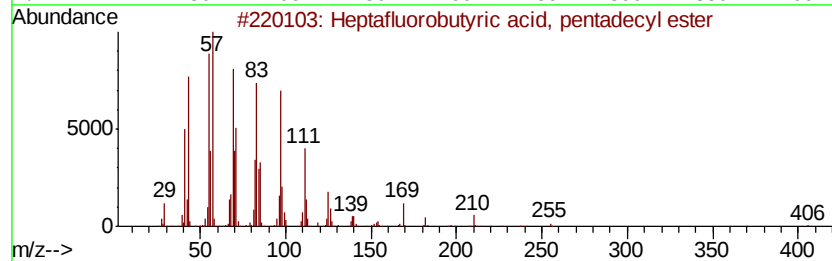
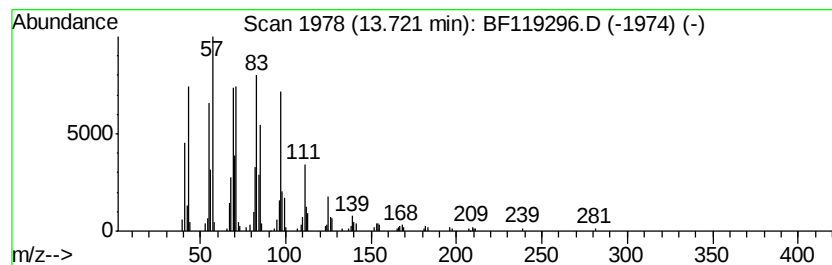
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Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.40 ng	598128	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3		Cyclotetradecane	196	C14H28	000295-17-0	89
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87



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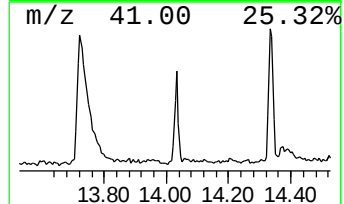
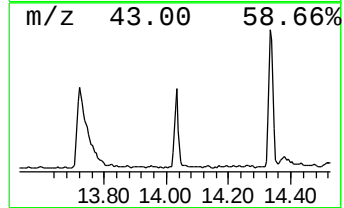
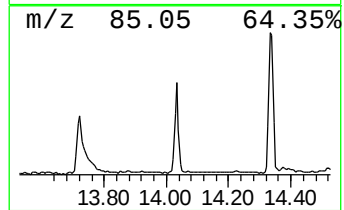
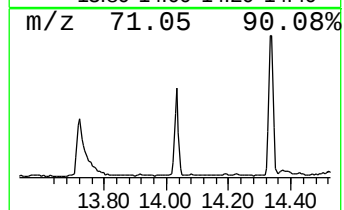
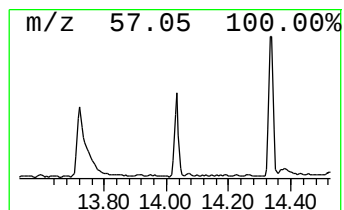
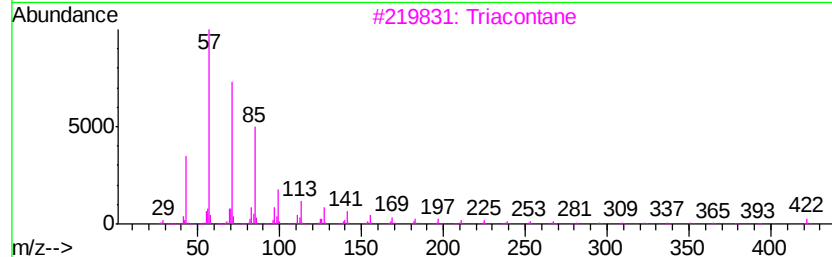
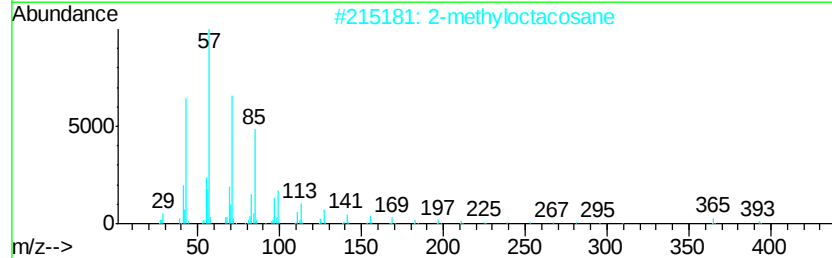
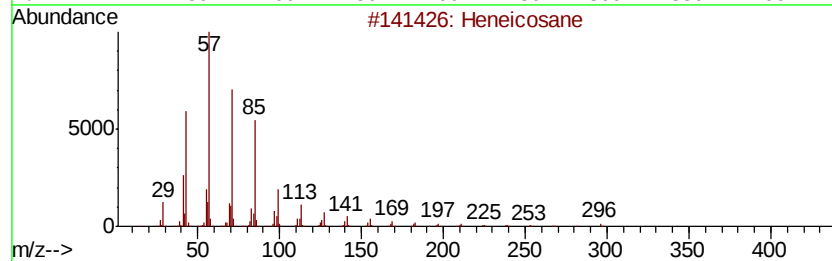
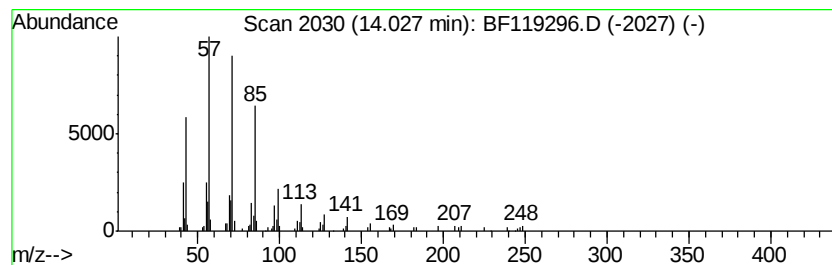
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Peak Number 5 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.30 ng	159104	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	triacontane		422	C30H62	000638-68-6	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	Hentriacontane		437	C31H64	000630-04-6	87



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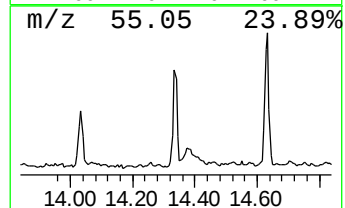
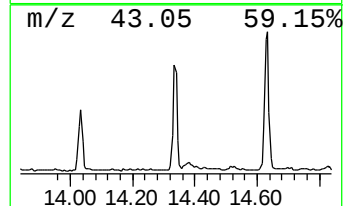
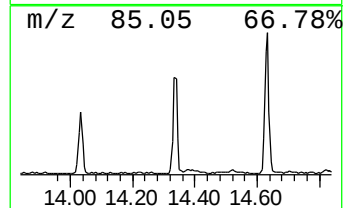
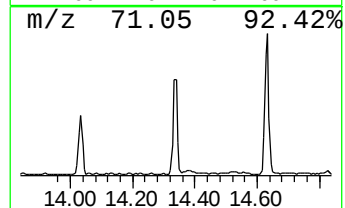
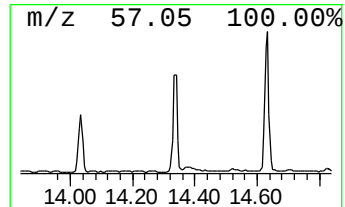
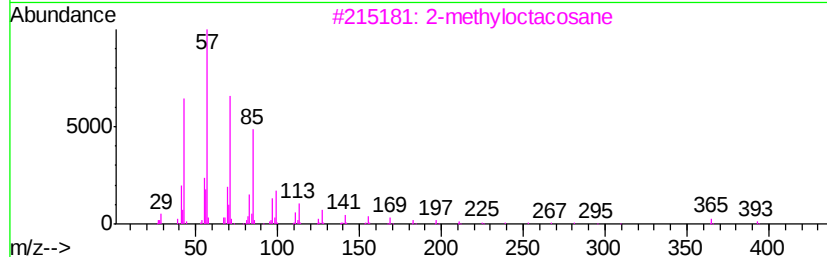
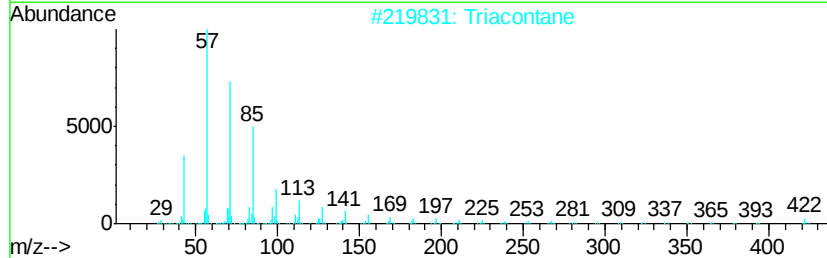
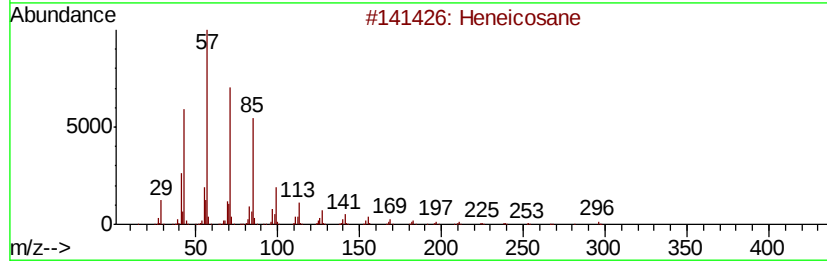
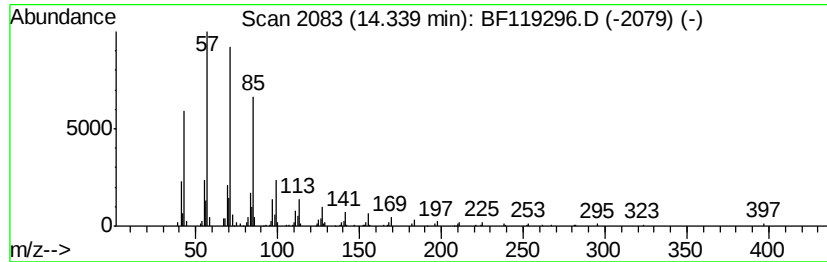
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Peak Number 6 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.75 ng	277381	Chrysene-d12	13.88

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		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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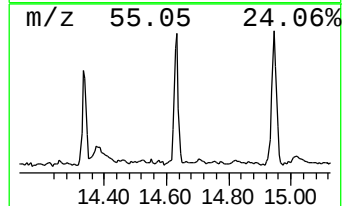
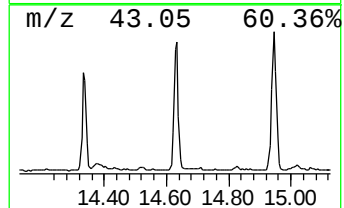
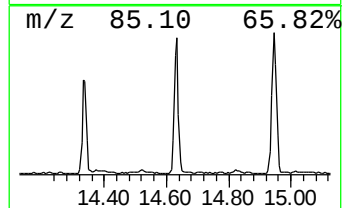
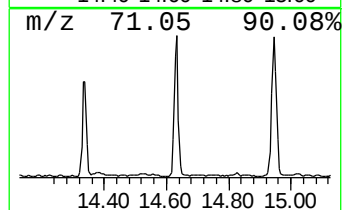
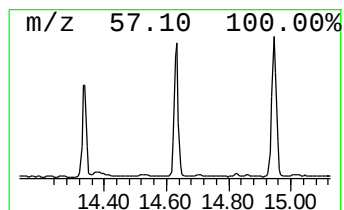
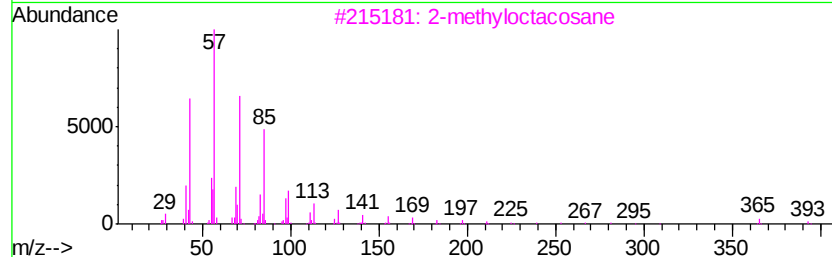
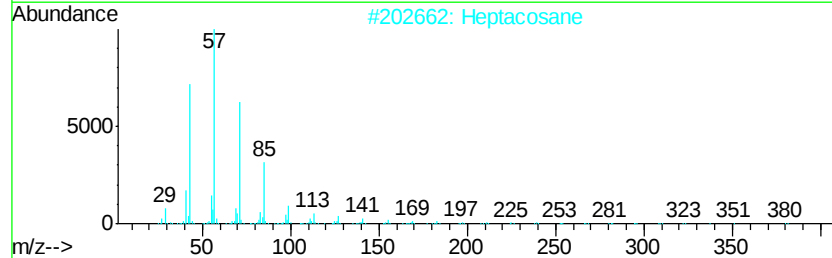
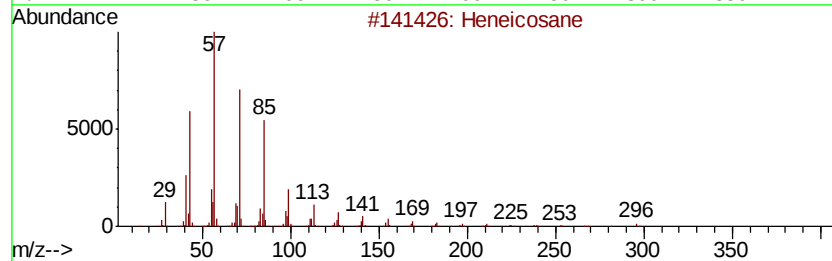
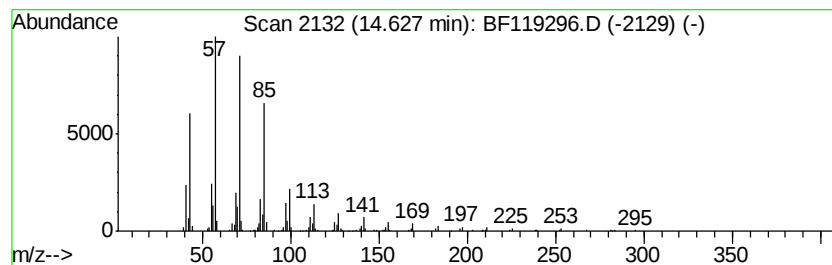
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	6.38 ng	388862	Perylene-d12	15.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119296.D
Acq On : 9 Mar 2020 21:28
Operator : CG/JU
Sample : L1844-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-16-030520

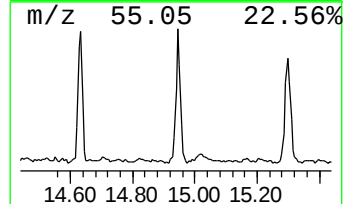
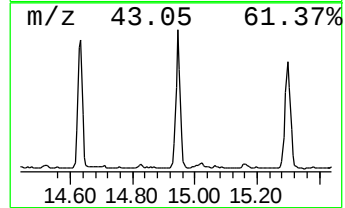
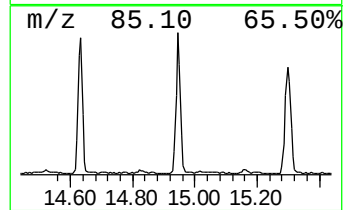
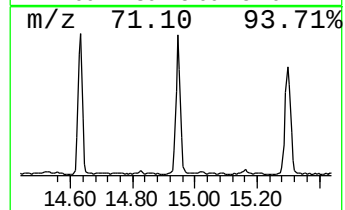
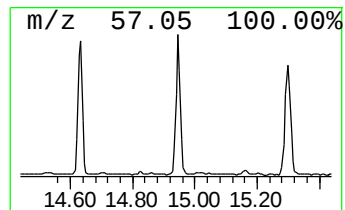
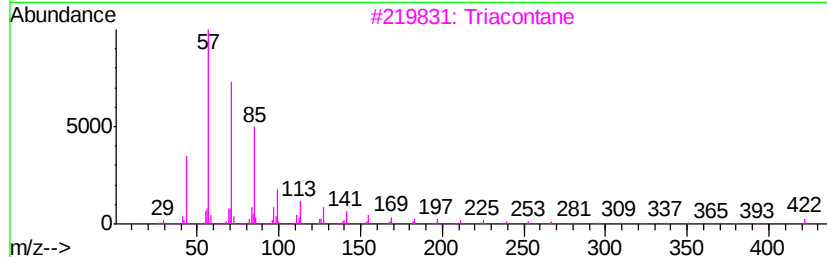
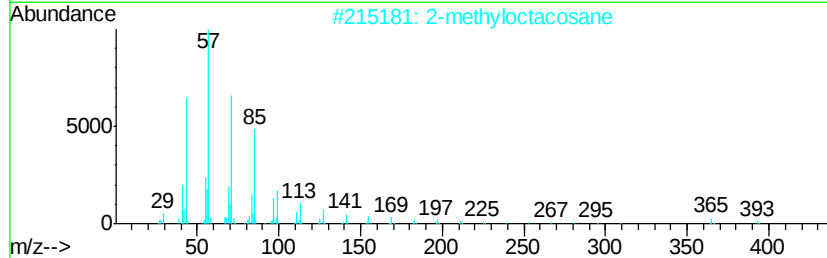
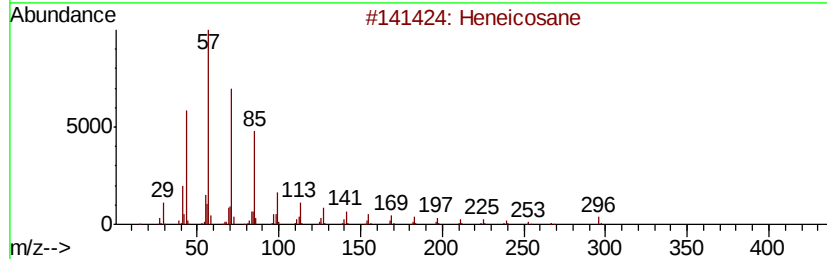
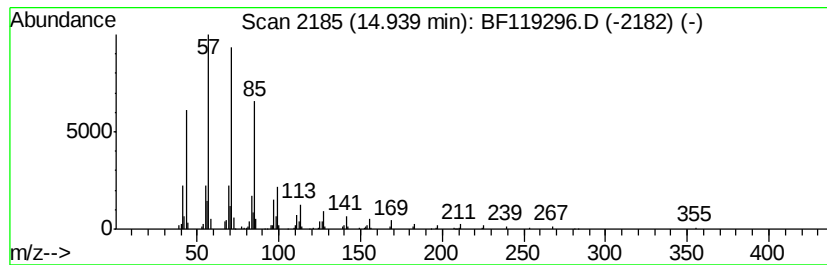
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	6.92 ng	421850	Perylene-d12	15.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119296.D
Acq On : 9 Mar 2020 21:28
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ClientSampleId :
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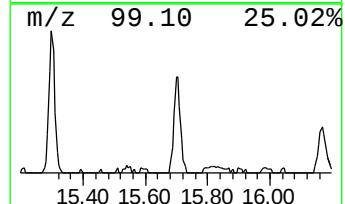
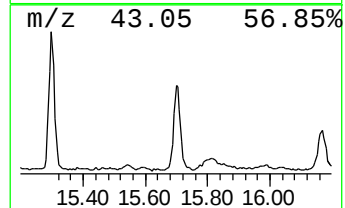
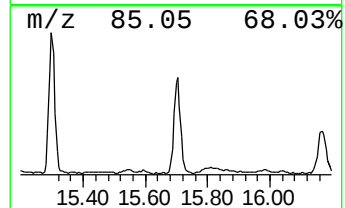
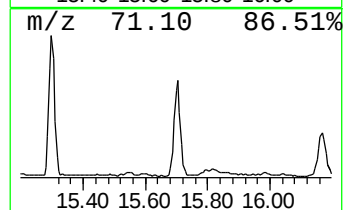
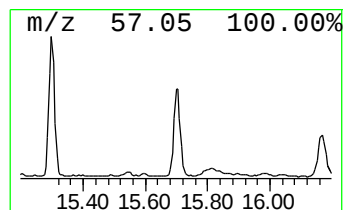
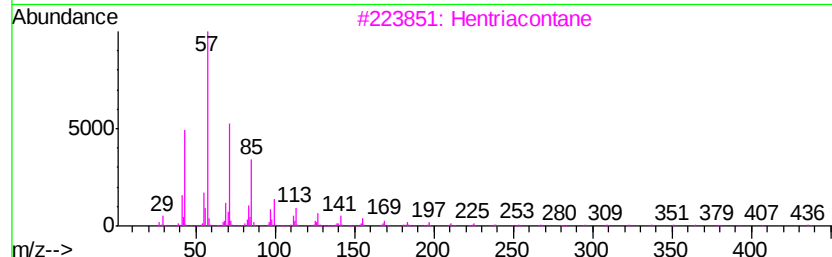
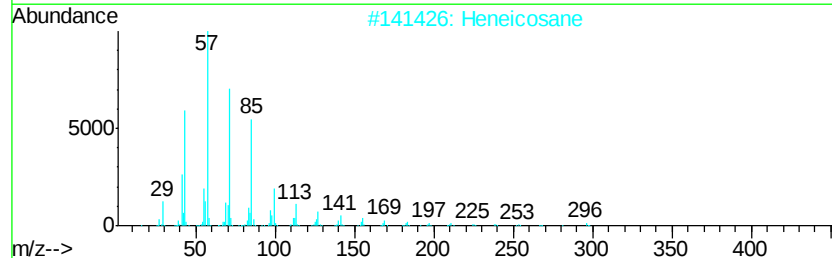
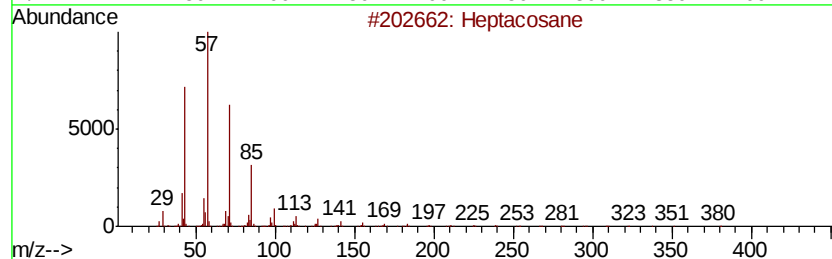
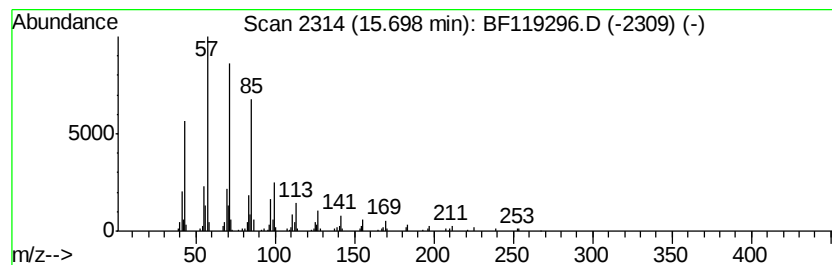
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	5.13 ng	312909	Perylene-d12	15.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119296.D
Acq On : 9 Mar 2020 21:28
Operator : CG/JU
Sample : L1844-03
Misc :
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Instrument :
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ClientSampleId :
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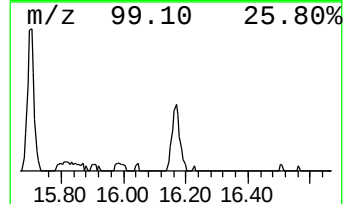
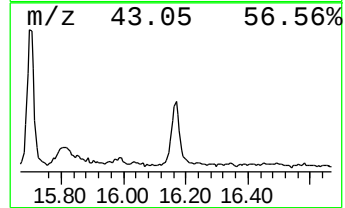
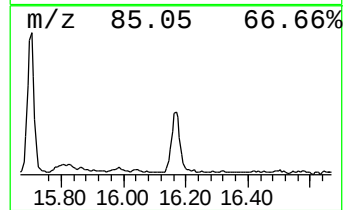
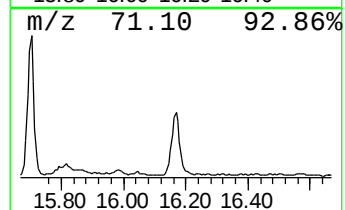
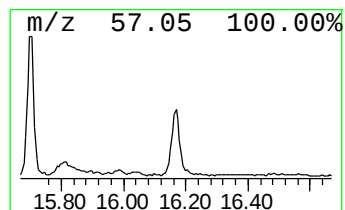
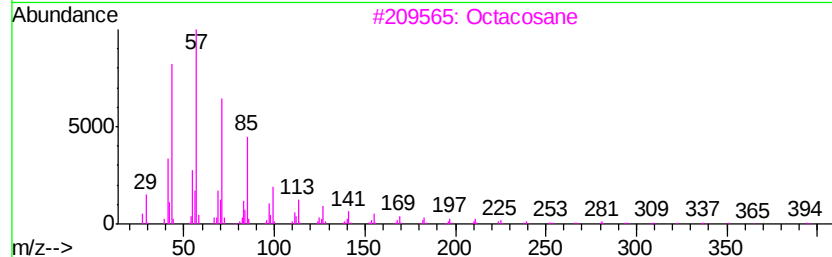
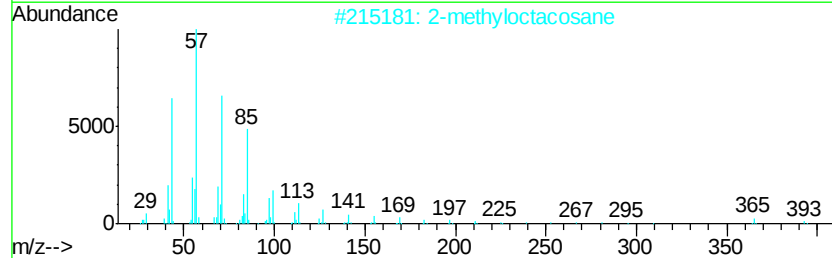
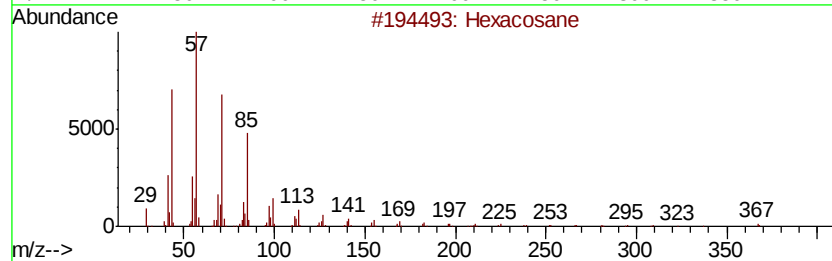
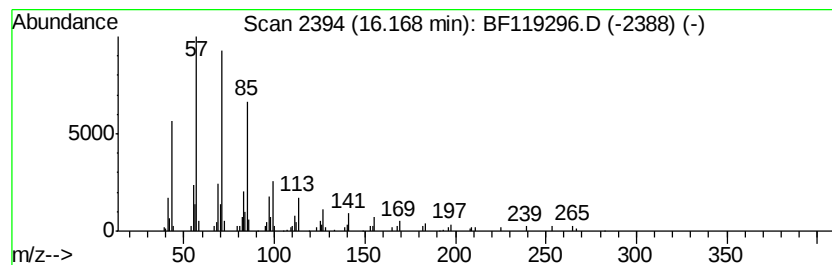
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.31 ng	201806	Perylene-d12	15.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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Acq On : 9 Mar 2020 21:28
Operator : CG/JU
Sample : L1844-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

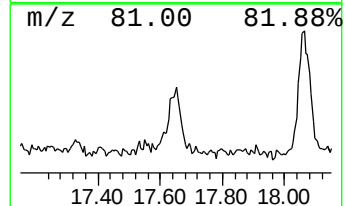
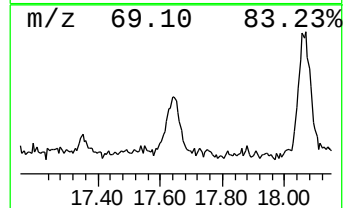
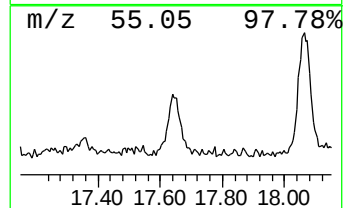
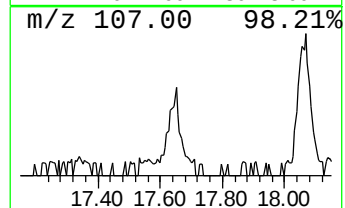
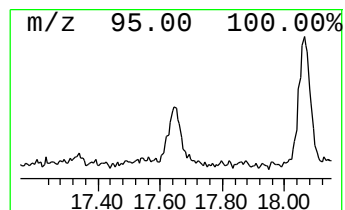
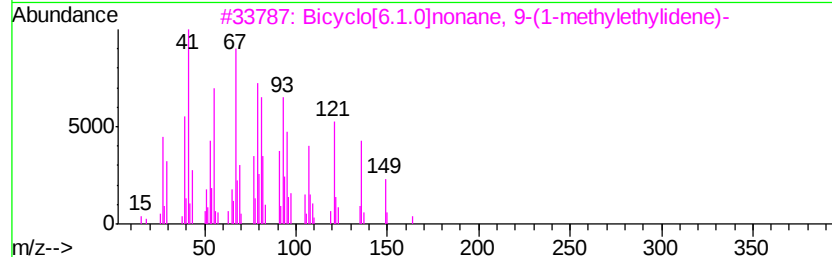
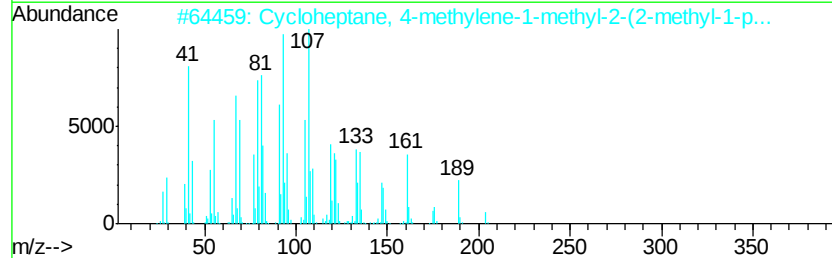
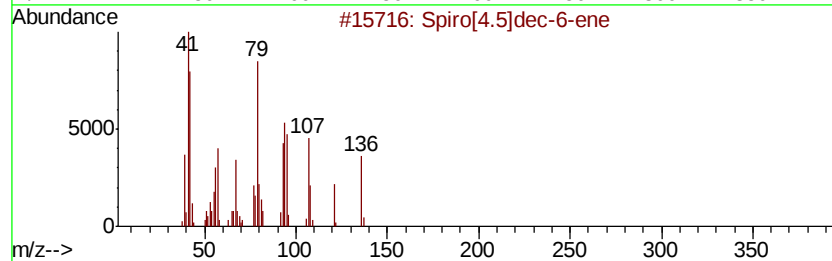
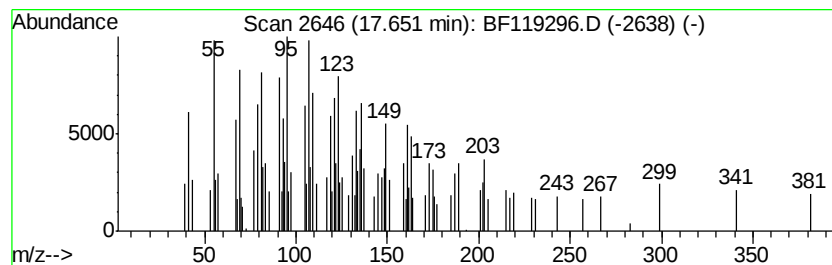
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.65	2.34 ng	142465	Perylene-d12	15.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.5]dec-6-ene	136	C10H16	000697-28-9	30
2	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	25
3	Bicyclo[6.1.0]nonane, 9-(1-methv...	164	C12H20	056666-90-1	25
4	[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	25
5	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119296.D
Acq On : 9 Mar 2020 21:28
Operator : CG/JU
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Instrument :
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ClientSampleId :
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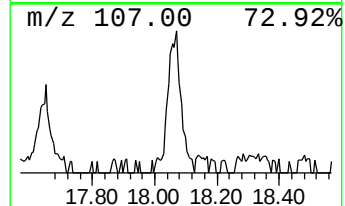
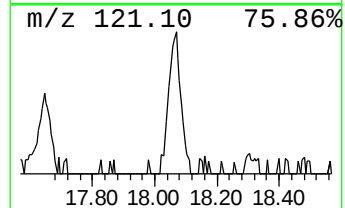
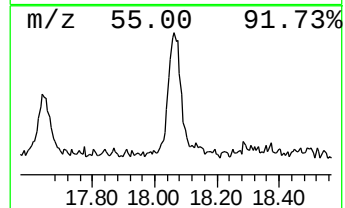
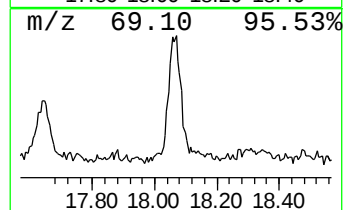
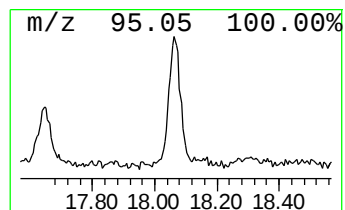
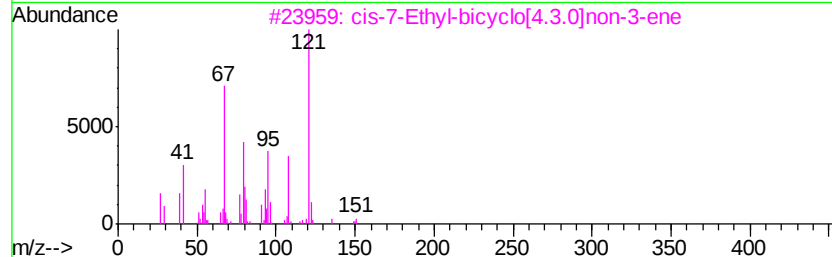
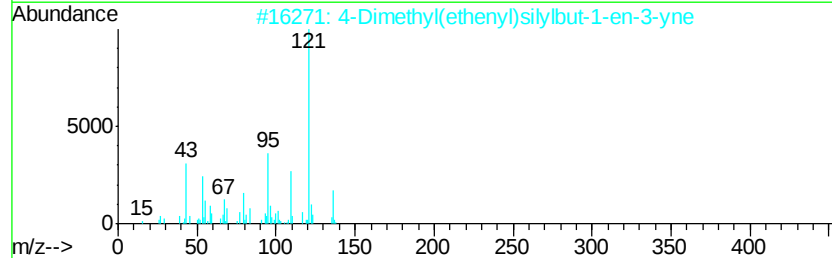
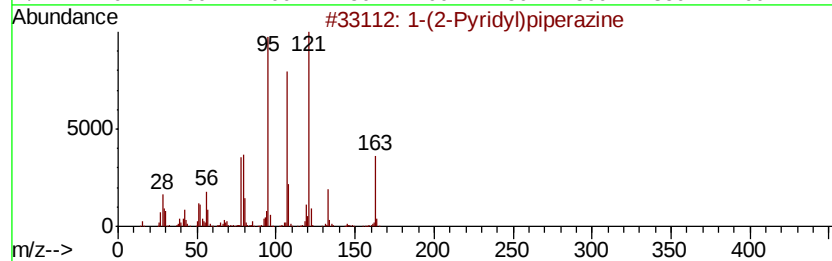
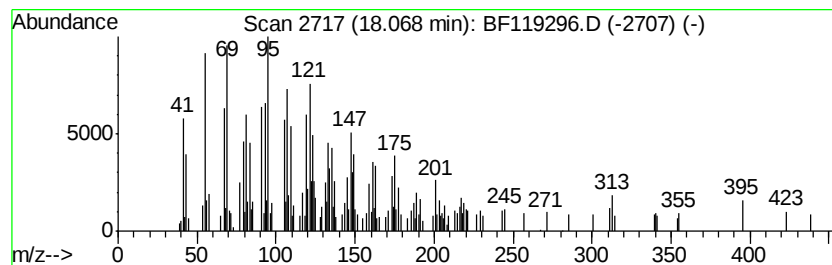
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.73 ng	349222	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	18
2		4-Dimethyl(ethenyl)silylbut-1-en...	136	C8H12Si	018292-17-6	12
3		cis-7-Ethyl-bicyclo[4.3.0]non-3-ene	150	C11H18	1000145-84-5	12
4		Benzaldehyde, 4-methoxy-3-(3,7,1...	340	C23H32O2	1000196-52-1	11
5		.gamma.-Elemene	204	C15H24	029873-99-2	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
 Data File : BF119296.D
 Acq On : 9 Mar 2020 21:28
 Operator : CG/JU
 Sample : L1844-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	6.6	ng	171061	1	6.72	519372	20.0
n-Hexadecanoic acid	11.77	4.2	ng	202858	4	11.24	967802	20.0
Heptafluorobutyri...	13.72	12.4	ng	598128	5	13.88	964677	20.0
Heneicosane	14.03	3.3	ng	159104	5	13.88	964677	20.0
triacontane	14.34	5.8	ng	277381	5	13.88	964677	20.0
Heptacosane	14.63	6.4	ng	388862	6	15.31	1219900	20.0
2-methyloctacosane	14.94	6.9	ng	421850	6	15.31	1219900	20.0
Hentriacontane	15.70	5.1	ng	312909	6	15.31	1219900	20.0
Heptadecane, 9-oc...	16.17	3.3	ng	201806	6	15.31	1219900	20.0
unknown-01	17.65	2.3	ng	142465	6	15.31	1219900	20.0
unknown-02	18.07	5.7	ng	349222	6	15.31	1219900	20.0