

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119582.D
 Acq On : 27 Mar 2020 22:17
 Operator : CG/JU
 Sample : L2048-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	497	502	510	rVB	168232	231747	2.17%	0.341%
2	5.440	565	570	573	rBV	5347954	5121487	47.85%	7.536%
3	6.451	737	742	745	rBV	3516871	3391351	31.68%	4.990%
4	6.657	774	777	783	rBV	95499	111868	1.05%	0.165%
5	6.834	803	807	810	rBV	2092861	1816464	16.97%	2.673%
6	6.992	829	834	837	rBV	7856342	7299798	68.20%	10.741%
7	7.398	897	903	906	rBV	5917449	6244158	58.33%	9.188%
8	8.116	1020	1025	1028	rBV	2730862	2251724	21.04%	3.313%
9	9.198	1203	1209	1212	rBV	10504548	10704016	100.00%	15.750%
10	9.586	1271	1275	1279	rBV	1364184	1124898	10.51%	1.655%
11	9.875	1316	1324	1328	rBV	3155021	2757544	25.76%	4.057%
12	10.669	1453	1459	1462	rBV	6720189	7071559	66.06%	10.405%
13	11.363	1573	1577	1580	rBV	2957995	2474444	23.12%	3.641%
14	11.892	1663	1667	1677	rBV2	421702	458897	4.29%	0.675%
15	12.680	1798	1801	1811	rBV	158683	218550	2.04%	0.322%
16	12.957	1842	1848	1851	rBV	9475896	9970329	93.15%	14.670%
17	13.857	1998	2001	2003	rBV	150918	141095	1.32%	0.208%
18	13.886	2003	2006	2018	rVB4	98736	255533	2.39%	0.376%
19	14.004	2021	2026	2029	rBV	2174799	2004882	18.73%	2.950%
20	14.174	2052	2055	2059	rBV	246591	206138	1.93%	0.303%
21	14.480	2103	2107	2111	rBV	312458	284036	2.65%	0.418%
22	14.786	2156	2159	2163	rVB	333708	323270	3.02%	0.476%
23	14.862	2168	2172	2177	rBV	669328	653858	6.11%	0.962%
24	15.127	2213	2217	2224	rVB	327542	351275	3.28%	0.517%
25	15.380	2255	2260	2269	rVB3	70634	138463	1.29%	0.204%
26	15.462	2269	2274	2279	rVV2	1274162	1573124	14.70%	2.315%
27	15.509	2279	2282	2290	rVB	256735	322601	3.01%	0.475%
28	15.945	2352	2356	2363	rVB	189111	283183	2.65%	0.417%
29	16.456	2434	2443	2452	rBV2	90163	176174	1.65%	0.259%

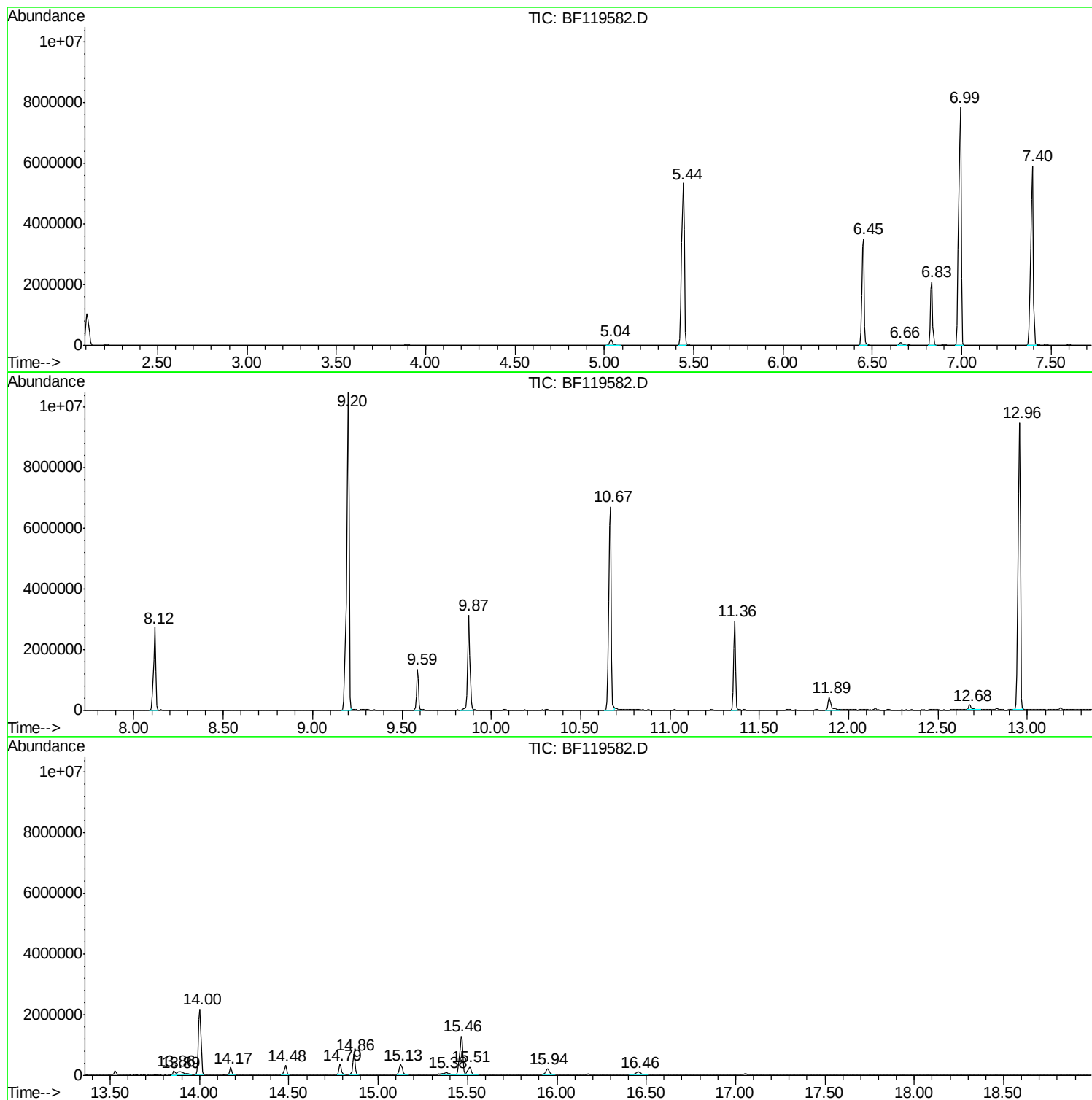
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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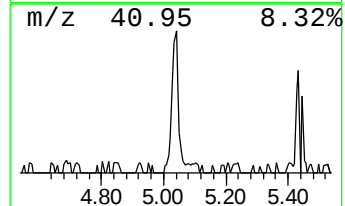
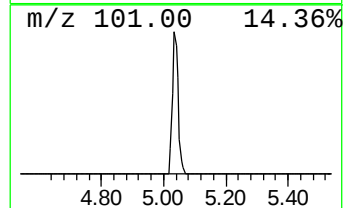
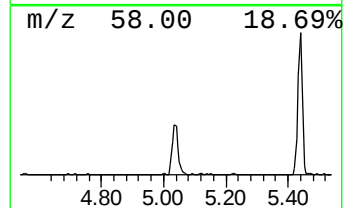
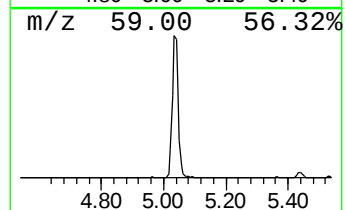
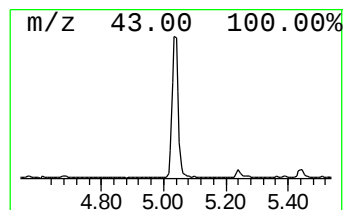
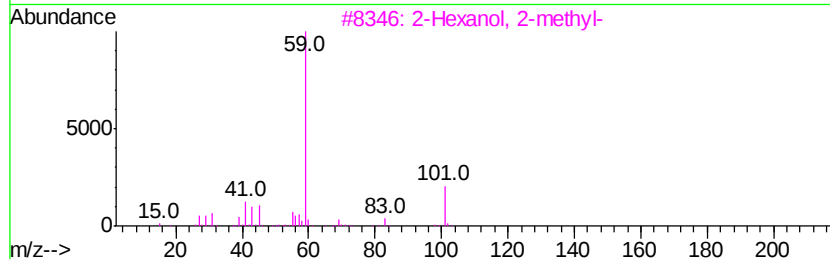
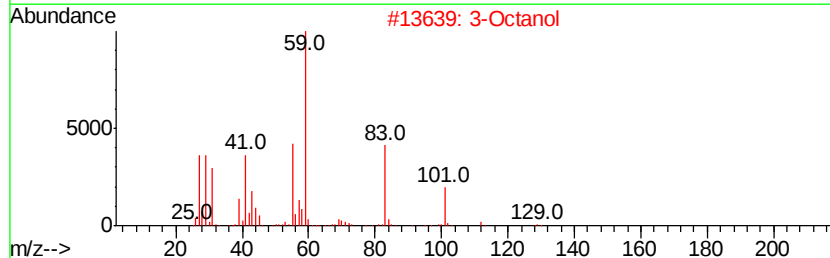
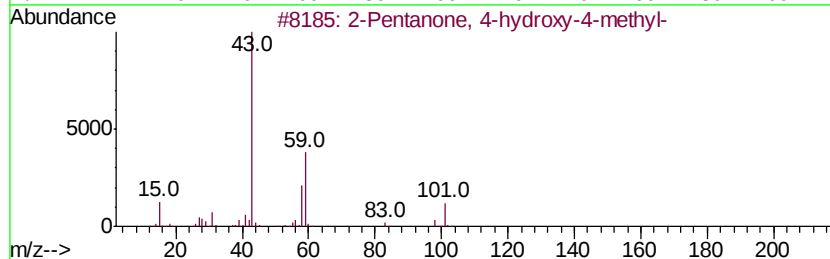
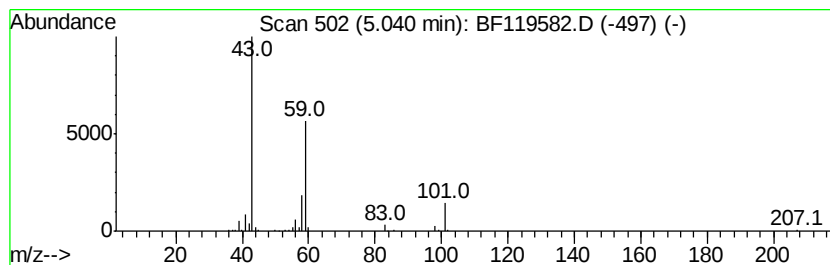
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.55 ng	231747	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Octanol	130	C8H18O	000589-98-0	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12



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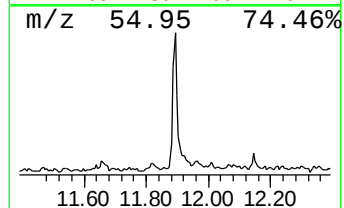
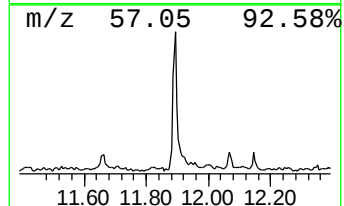
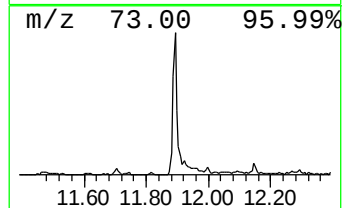
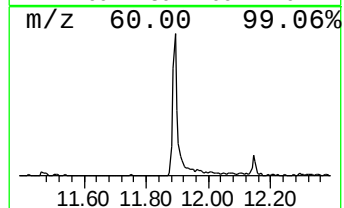
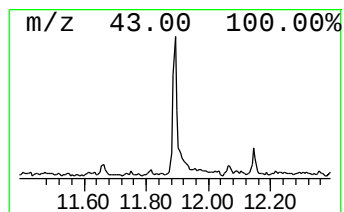
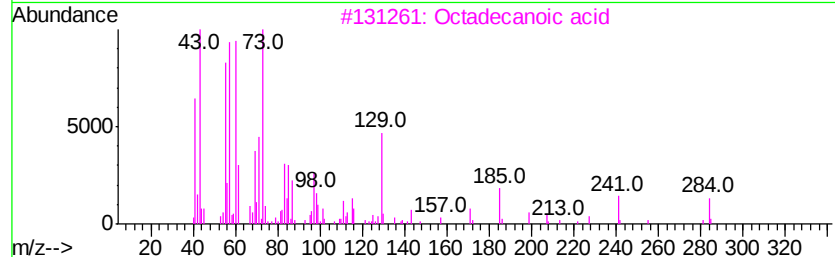
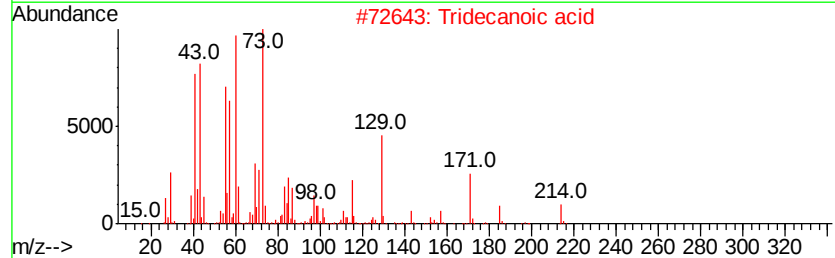
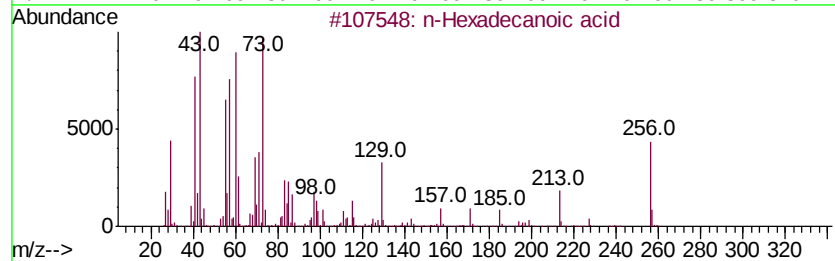
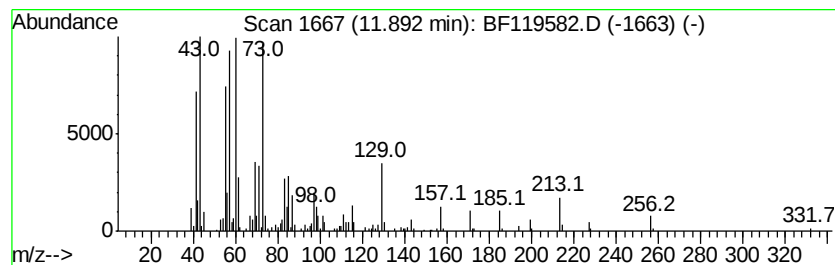
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.71 ng	458897	Phenanthrene-d10	11.36

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	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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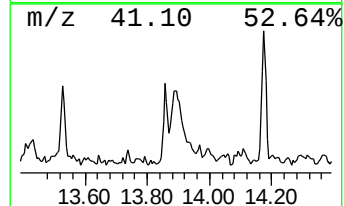
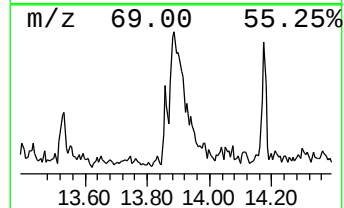
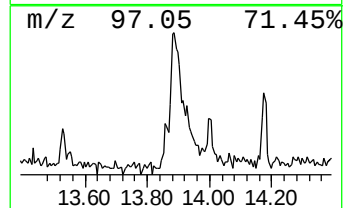
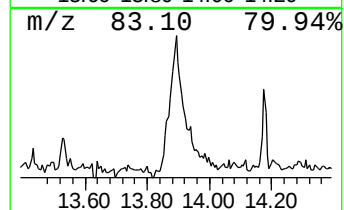
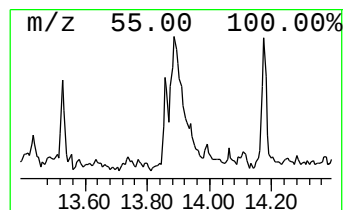
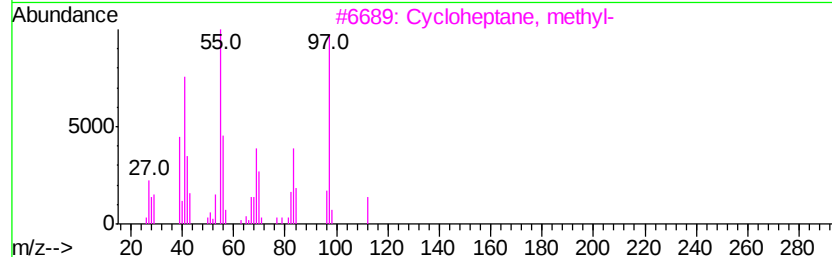
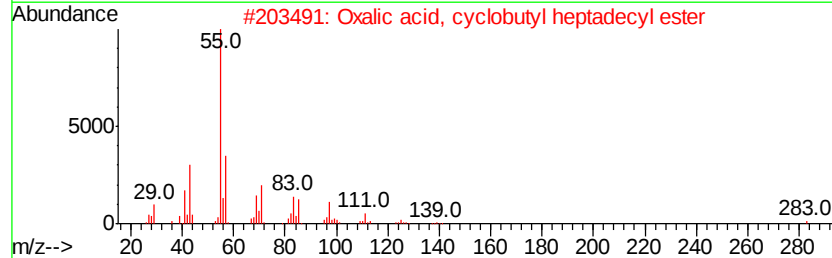
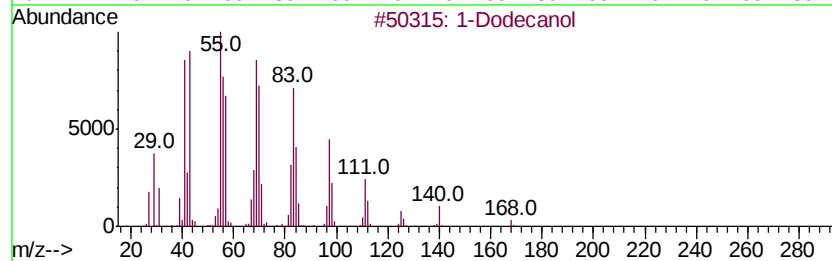
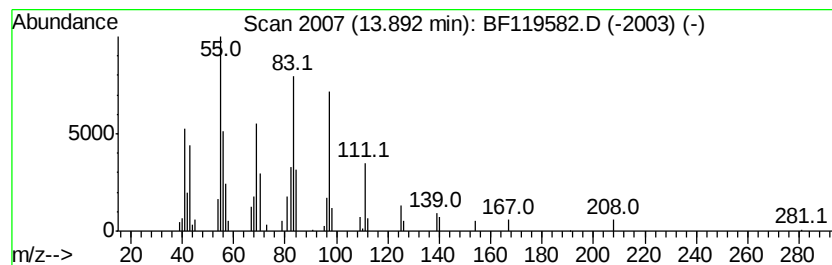
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Dodecanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.89	2.55 ng	255533	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol		186	C12H26O	000112-53-8	59
2	Oxalic acid, cyclobutyl heptadec...		382	C23H42O4	1000309-70-7	53
3	Cycloheptane, methyl-		112	C8H16	004126-78-7	53
4	Oxalic acid, cyclobutyl pentadec...		354	C21H38O4	1000309-70-5	53
5	Cyclooctane, methyl-		126	C9H18	001502-38-1	46



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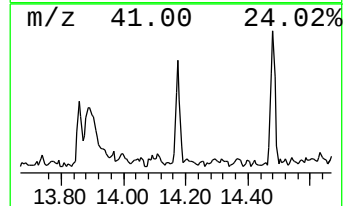
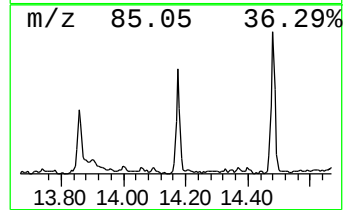
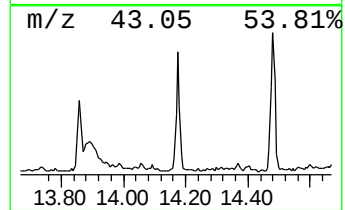
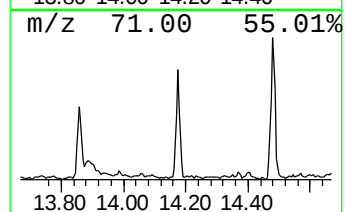
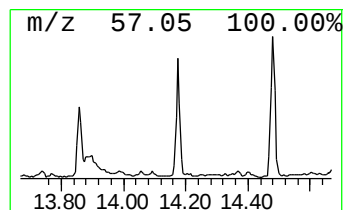
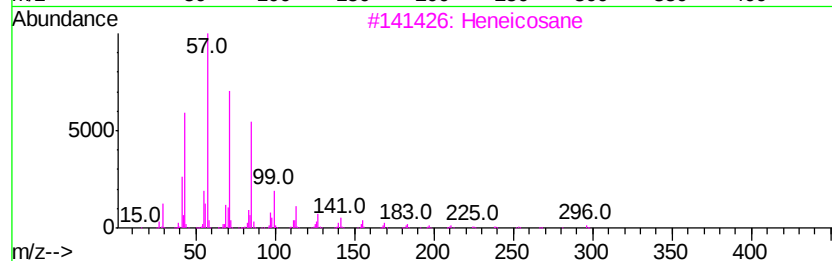
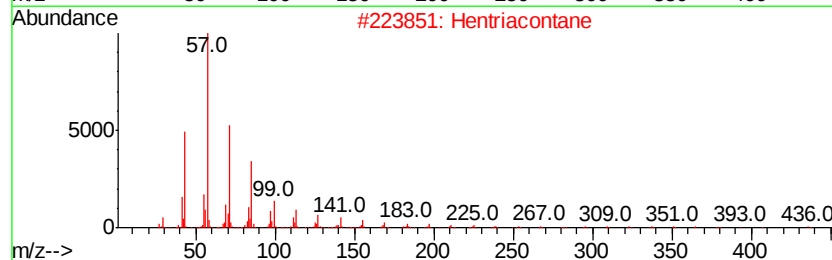
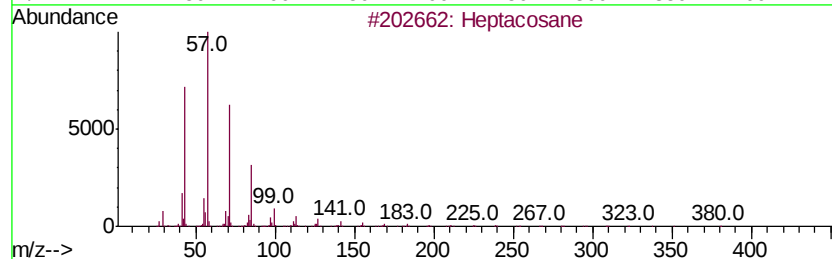
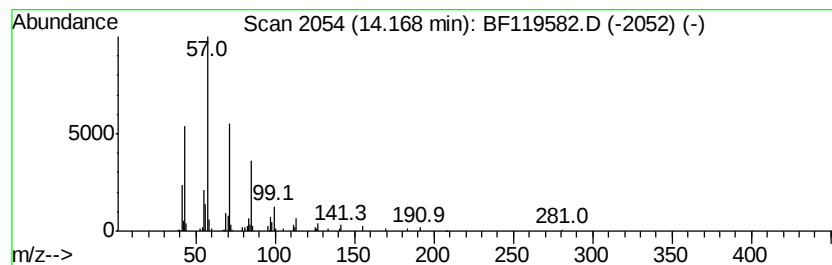
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.06 ng	206138	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Octacosane		394	C28H58	000630-02-4	87



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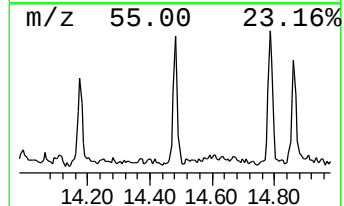
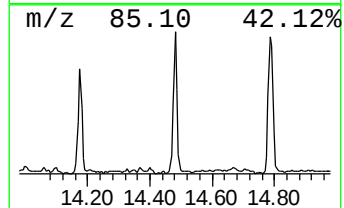
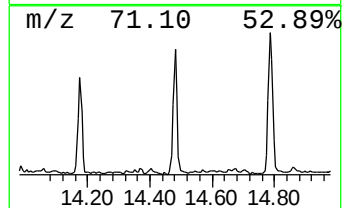
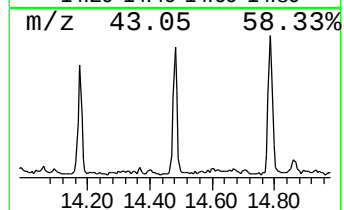
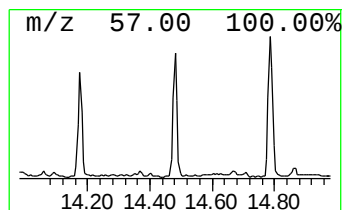
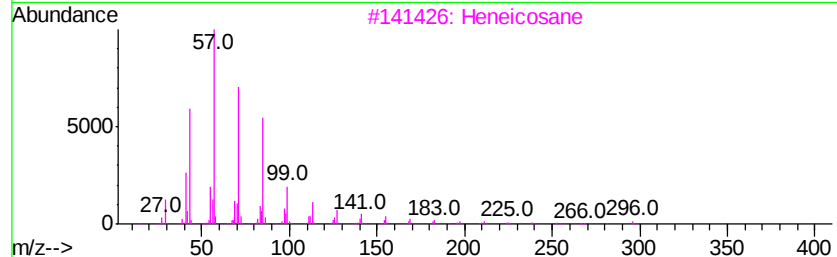
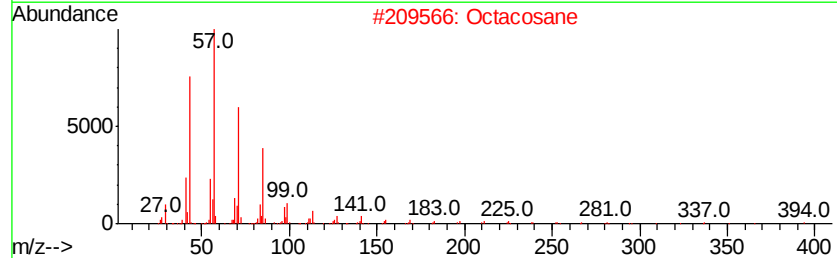
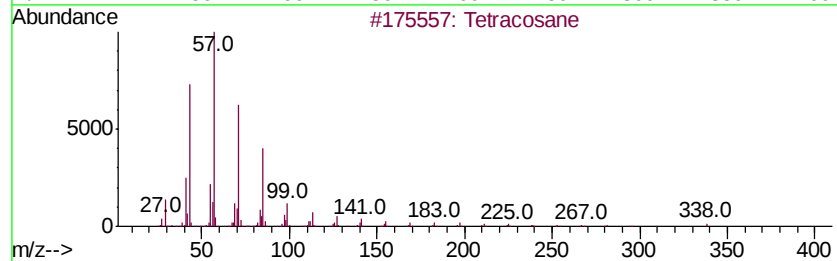
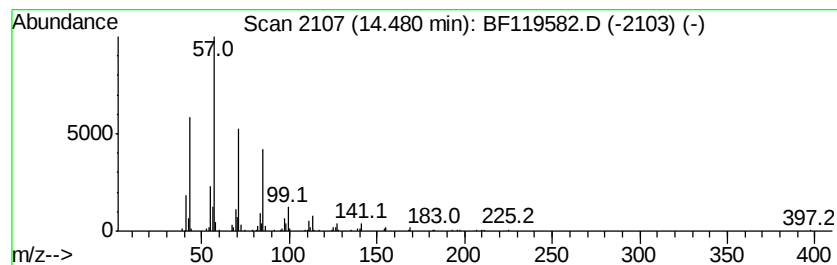
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.48	2.83 ng	284036	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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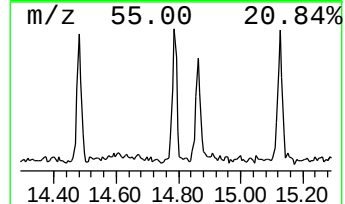
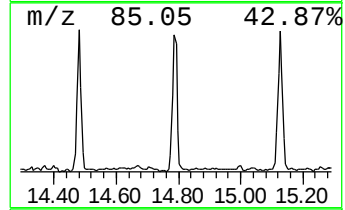
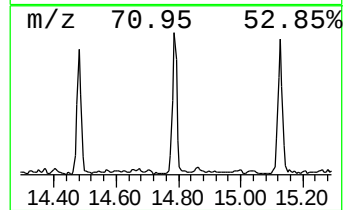
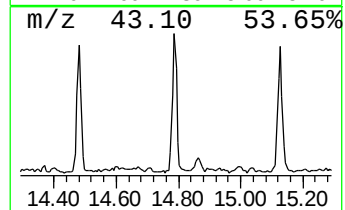
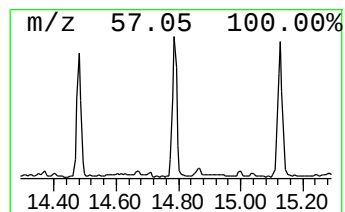
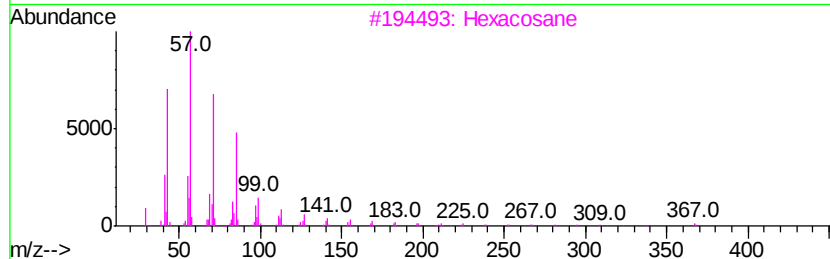
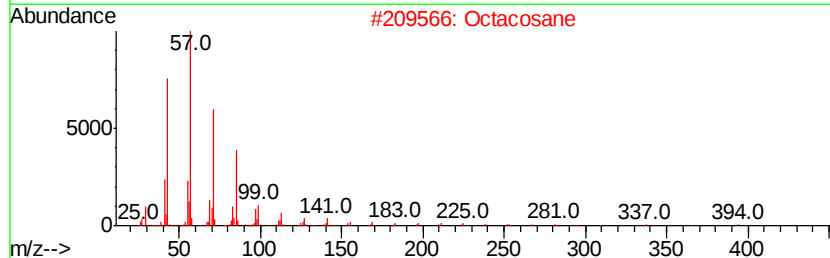
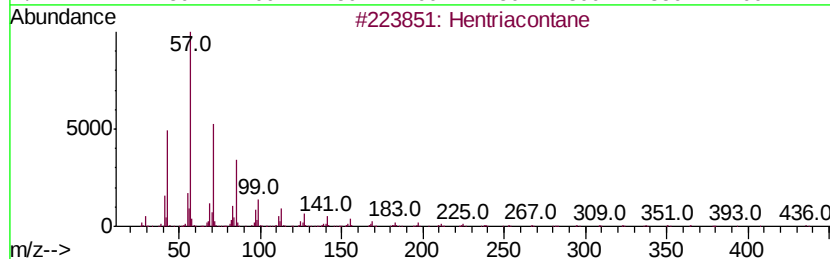
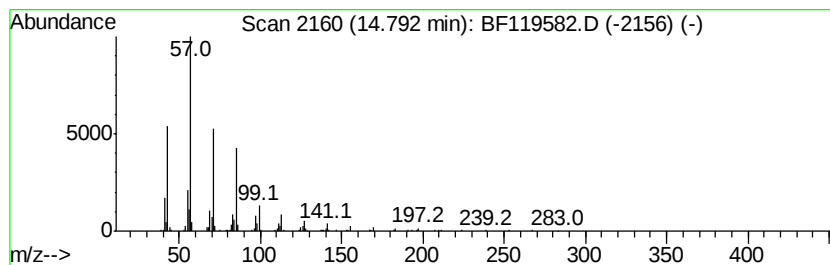
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.11 ng	323270	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Octacosane		394	C28H58	000630-02-4	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptacosane		380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119582.D
Acq On : 27 Mar 2020 22:17
Operator : CG/JU
Sample : L2048-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-3

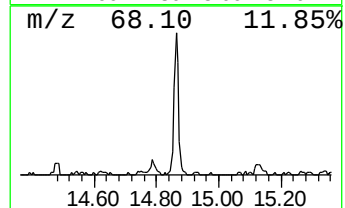
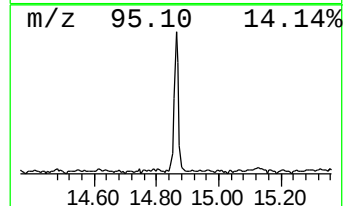
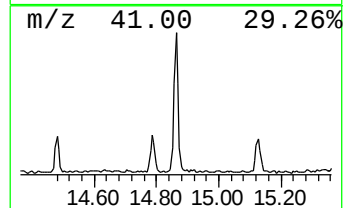
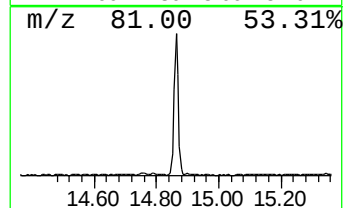
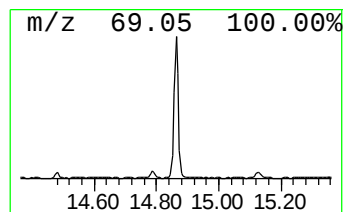
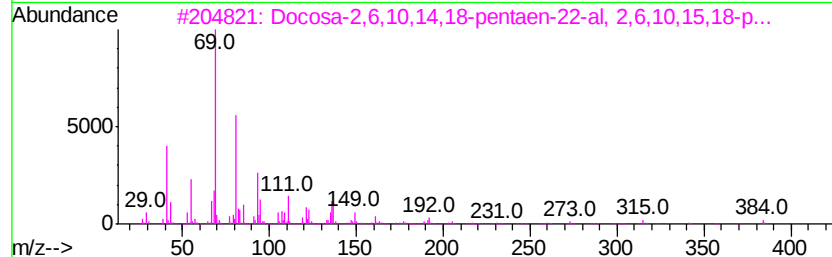
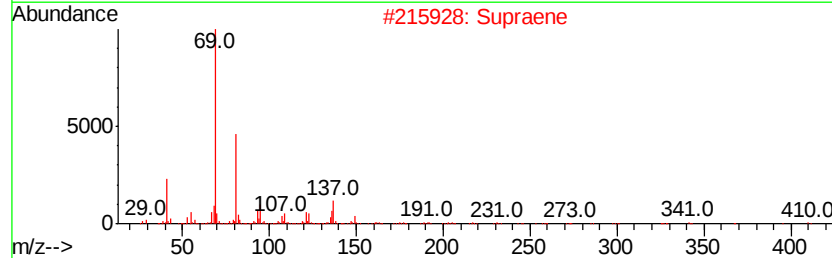
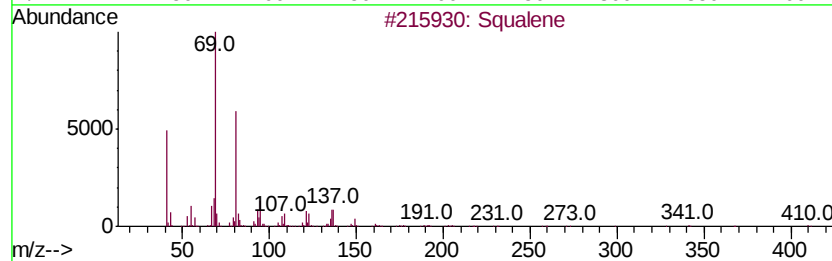
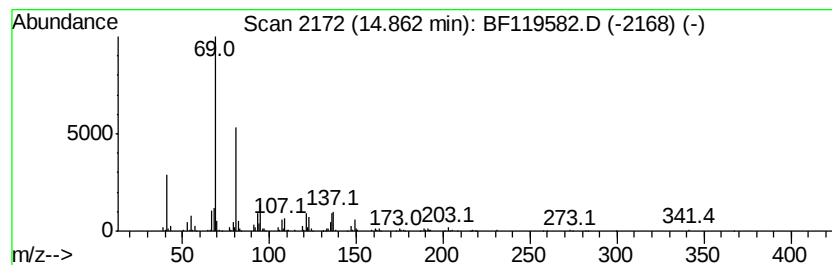
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	8.31 ng	653858	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	78
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119582.D
Acq On : 27 Mar 2020 22:17
Operator : CG/JU
Sample : L2048-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-3

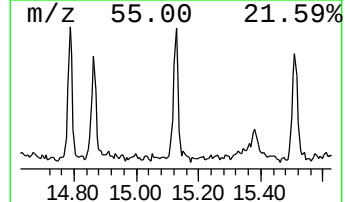
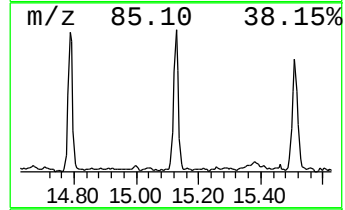
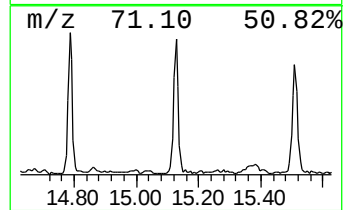
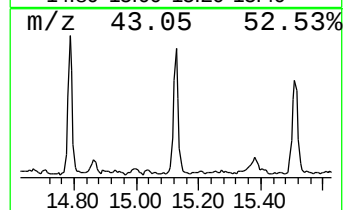
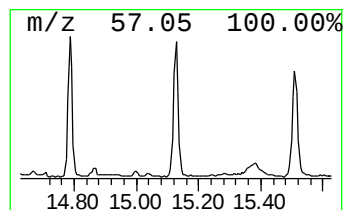
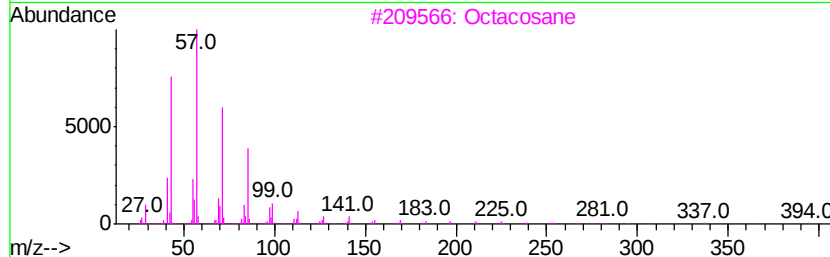
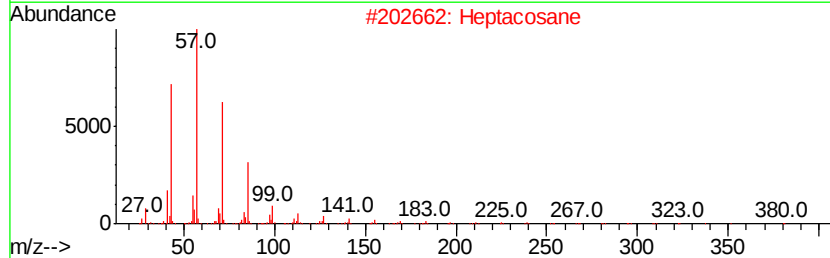
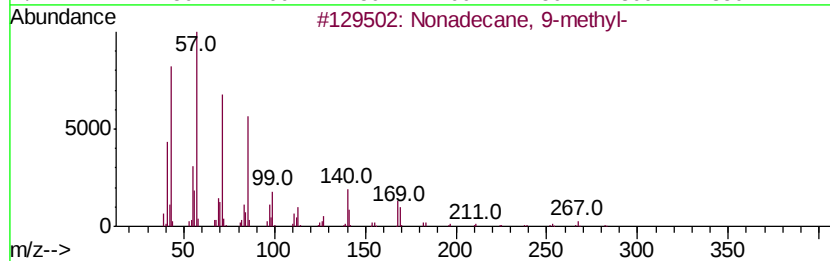
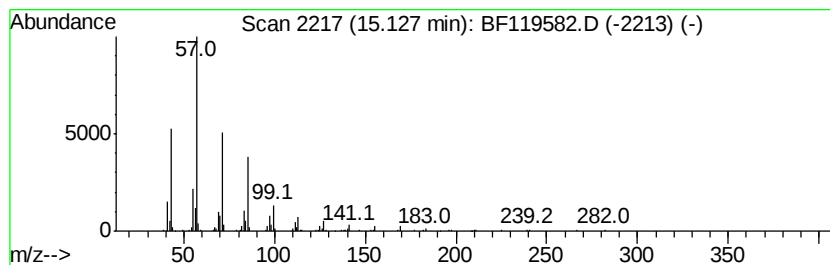
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.47 ng	351275	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane,	9-methyl-		282	C20H42	013287-24-6	93
2	Heptacosane			380	C27H56	000593-49-7	91
3	Octacosane			394	C28H58	000630-02-4	91
4	Heneicosane			296	C21H44	000629-94-7	90
5	Pentacosane			352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119582.D
Acq On : 27 Mar 2020 22:17
Operator : CG/JU
Sample : L2048-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-3

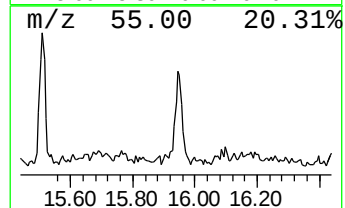
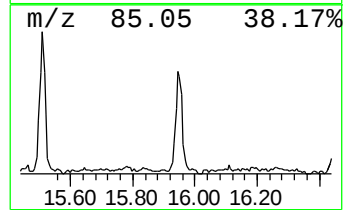
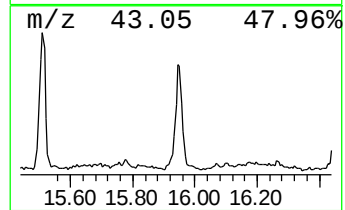
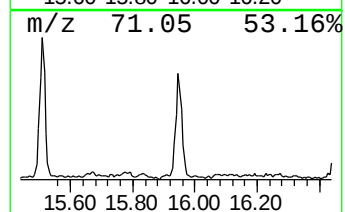
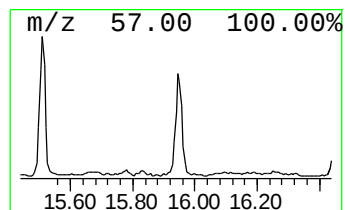
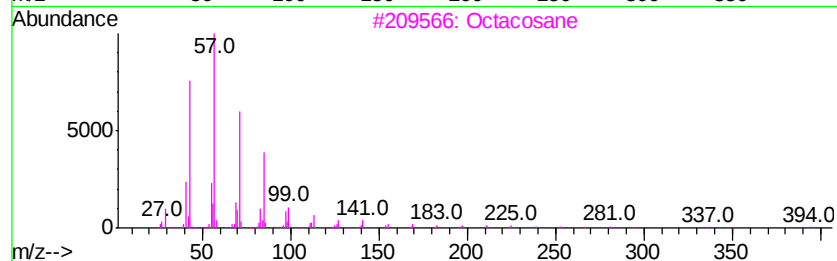
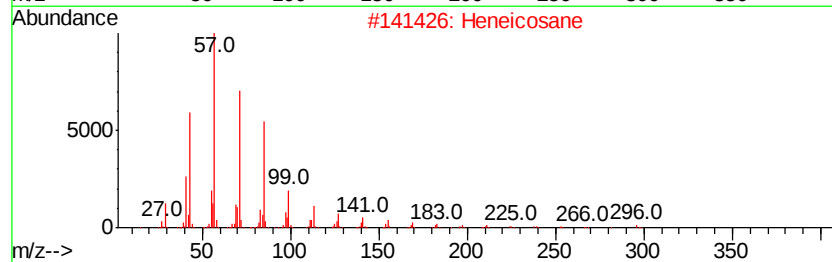
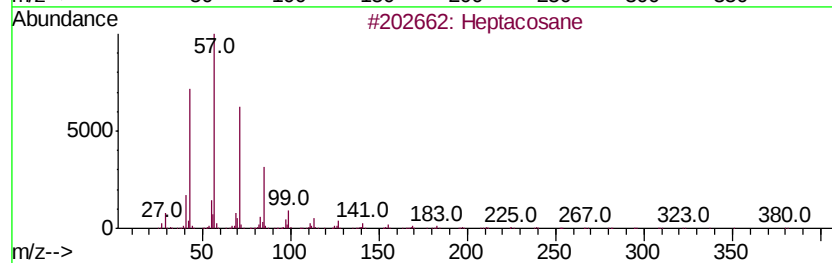
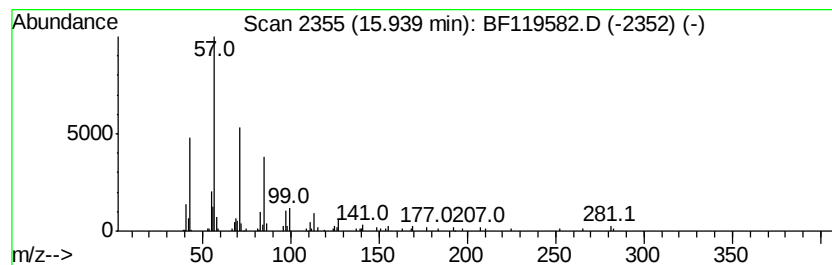
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.60 ng	283183	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119582.D
Acq On : 27 Mar 2020 22:17
Operator : CG/JU
Sample : L2048-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-3

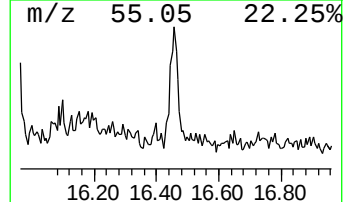
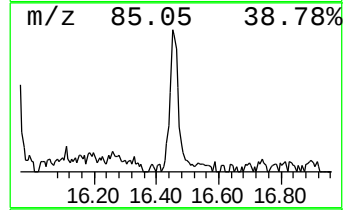
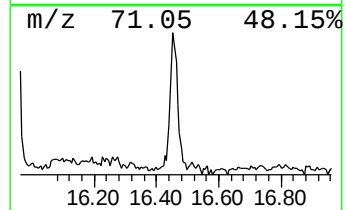
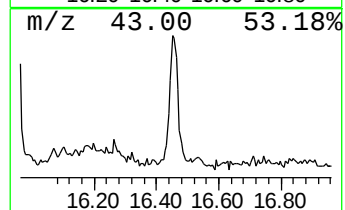
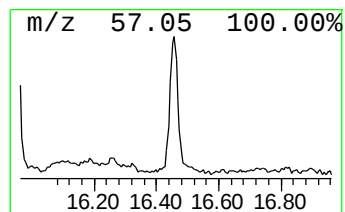
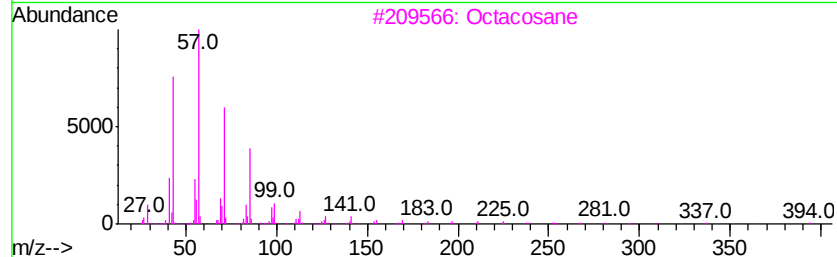
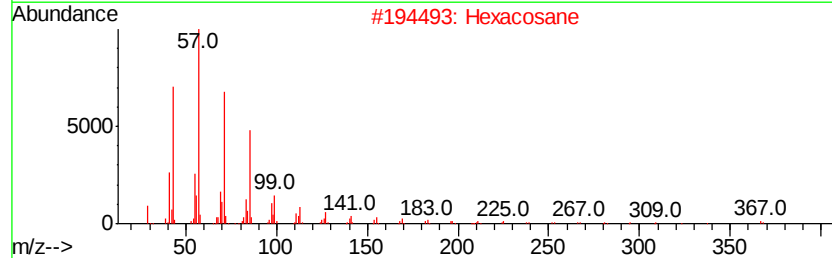
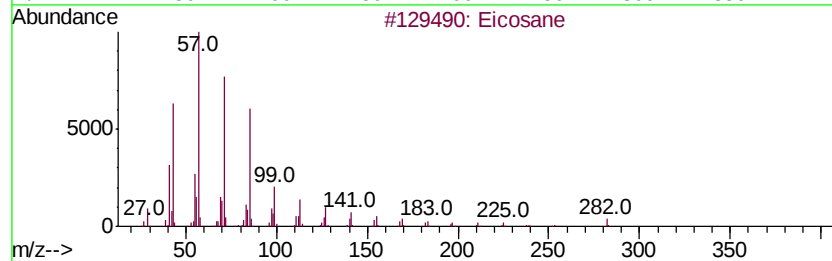
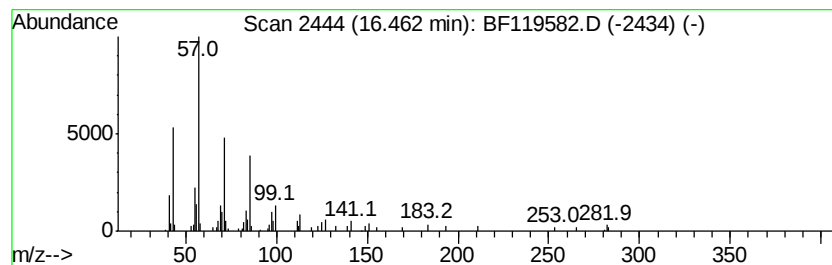
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.24 ng	176174	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119582.D
Acq On : 27 Mar 2020 22:17
Operator : CG/JU
Sample : L2048-03
Misc :
ALS Vial : 18 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
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n-Hexadecanoic acid	11.89	3.7	ng	458897	4	11.36	2474440	20.0
1-Dodecanol	13.89	2.5	ng	255533	5	14.00	2004880	20.0
Heptacosane	14.17	2.1	ng	206138	5	14.00	2004880	20.0
Tetracosane	14.48	2.8	ng	284036	5	14.00	2004880	20.0
Hentriacontane	14.79	4.1	ng	323270	6	15.46	1573120	20.0
Squalene	14.86	8.3	ng	653858	6	15.46	1573120	20.0
Nonadecane, 9-met...	15.13	4.5	ng	351275	6	15.46	1573120	20.0
Heneicosane	15.94	3.6	ng	283183	6	15.46	1573120	20.0
Eicosane	16.46	2.2	ng	176174	6	15.46	1573120	20.0