

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113159.D
 Acq On : 20 Mar 2019 7:48
 Operator : JU/SJ
 Sample : K1947-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B128-031319

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-BF022719.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	5.345	549	554	557	rBV	3893119	4087465	86.10%	9.674%
2	6.375	723	729	745	rBV	3923795	4747363	100.00%	11.236%
3	6.498	745	750	753	rBV	4618366	4498780	94.76%	10.648%
4	6.557	757	760	771	rVB	102329	117129	2.47%	0.277%
5	6.722	784	788	791	rBV	1333324	1066855	22.47%	2.525%
6	6.881	810	815	818	rBV	3922804	3570989	75.22%	8.452%
7	7.286	878	884	887	rBV	2801676	2733363	57.58%	6.469%
8	8.004	1002	1006	1022	rBV	1337710	1293466	27.25%	3.061%
9	9.080	1184	1189	1192	rBV	4710374	4216185	88.81%	9.979%
10	9.469	1252	1255	1265	rVB	396224	396862	8.36%	0.939%
11	9.751	1299	1303	1315	rVB2	1277675	1198260	25.24%	2.836%
12	10.539	1433	1437	1453	rBV	2480305	2403362	50.63%	5.688%
13	11.233	1551	1555	1563	rBV	1043644	989310	20.84%	2.342%
14	11.769	1643	1646	1650	rBV	319886	328453	6.92%	0.777%
15	12.551	1776	1779	1792	rBV	125675	170728	3.60%	0.404%
16	12.645	1792	1795	1798	rBV	59605	51181	1.08%	0.121%
17	12.816	1819	1824	1827	rBV	3693758	3424682	72.14%	8.106%
18	13.298	1901	1906	1911	rBV	148911	143917	3.03%	0.341%
19	13.727	1974	1979	1997	rBV3	169875	407717	8.59%	0.965%
20	13.862	1997	2002	2011	rVB	1020176	1006552	21.20%	2.382%
21	14.039	2028	2032	2038	rBV	277906	249172	5.25%	0.590%
22	14.339	2077	2083	2087	rBV	522391	490080	10.32%	1.160%
23	14.633	2129	2133	2137	rBV	719930	715615	15.07%	1.694%
24	14.951	2183	2187	2192	rBV	826653	847401	17.85%	2.006%
25	15.268	2236	2241	2244	rBV	653693	803739	16.93%	1.902%
26	15.304	2244	2247	2254	rVB	723692	880351	18.54%	2.084%
27	15.709	2310	2316	2325	rBV	524662	742246	15.63%	1.757%
28	16.174	2389	2395	2411	rVB	251601	472684	9.96%	1.119%
29	16.721	2482	2488	2495	rVB	96324	196168	4.13%	0.464%

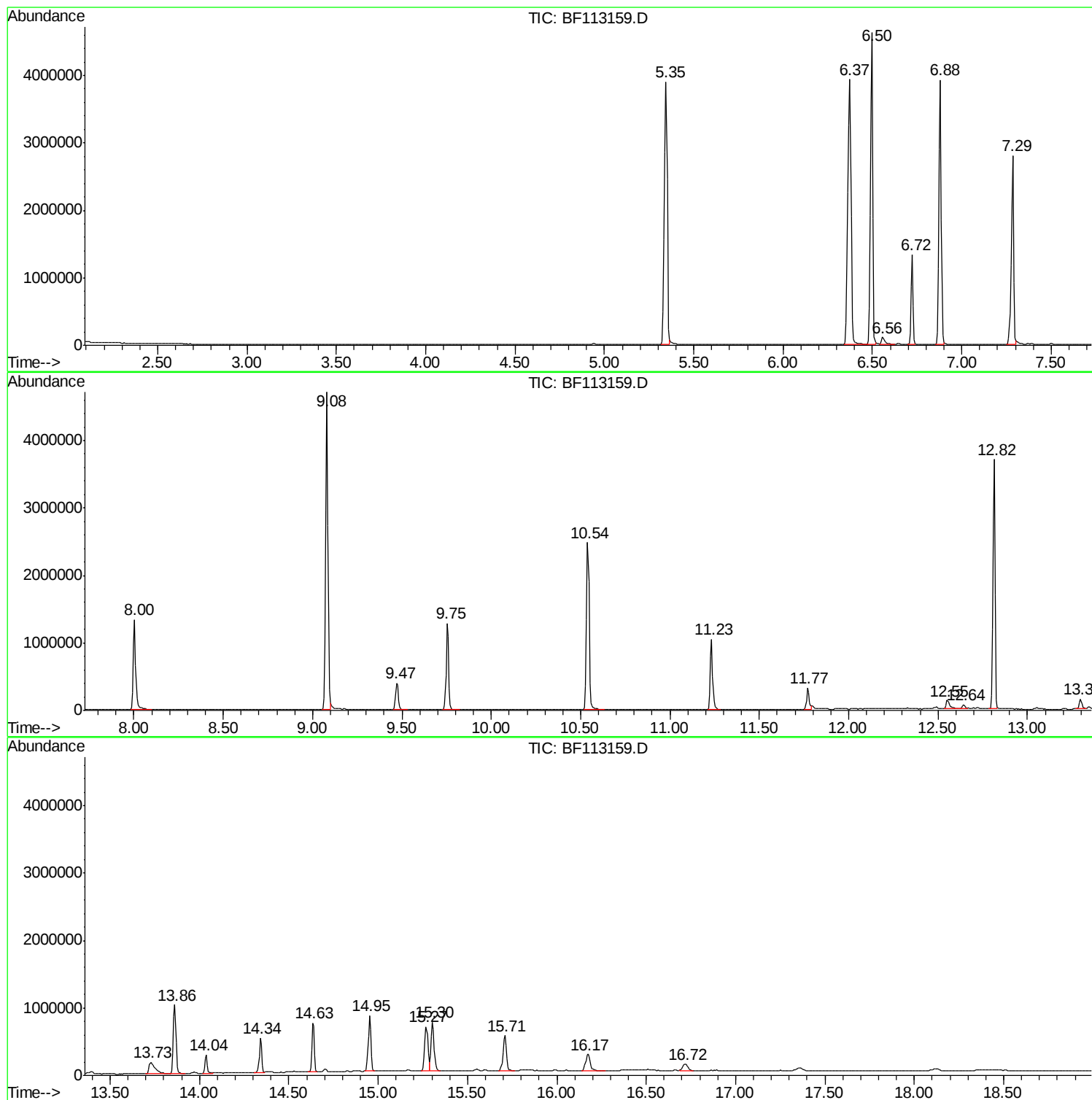
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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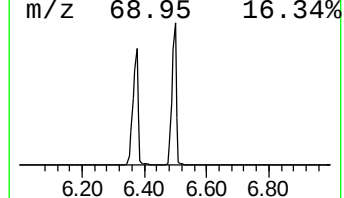
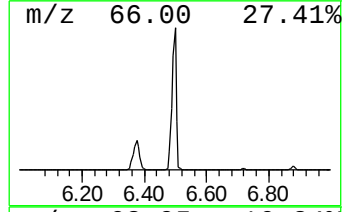
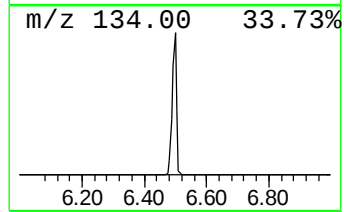
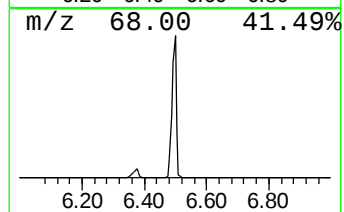
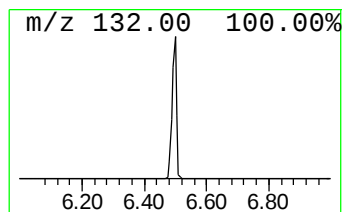
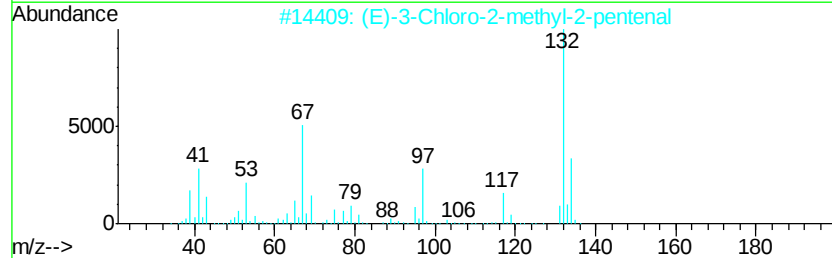
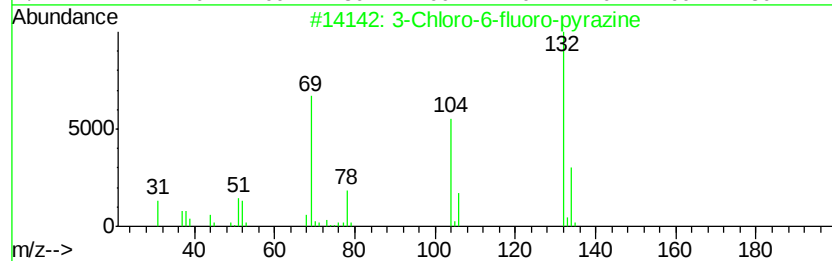
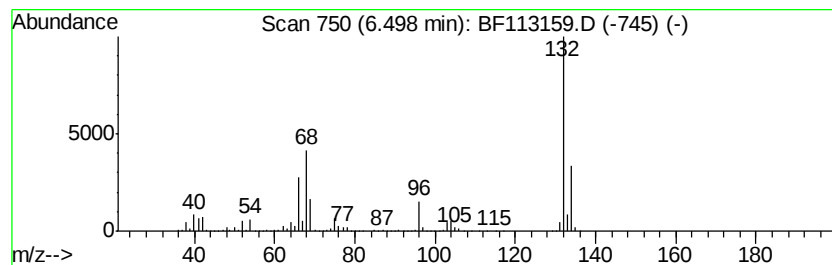
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Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	84.34 ng	4498780	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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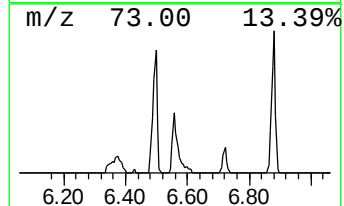
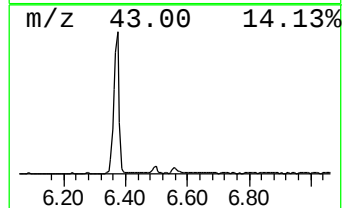
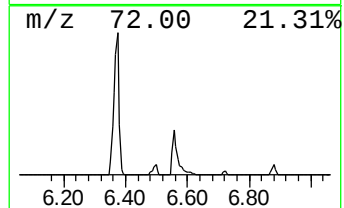
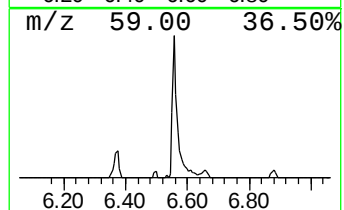
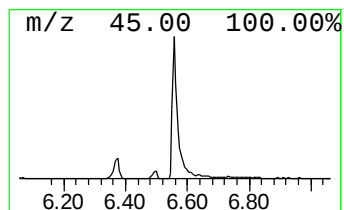
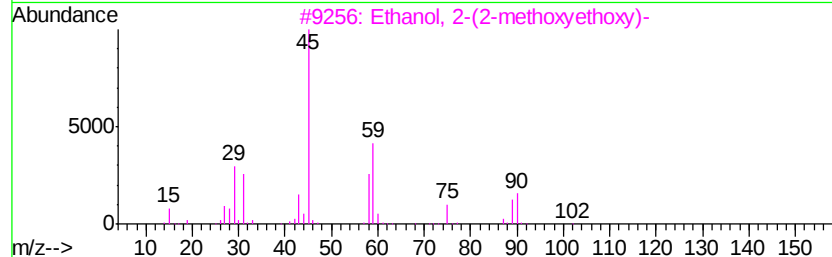
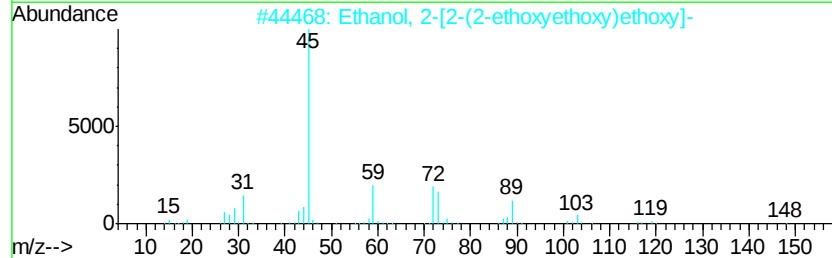
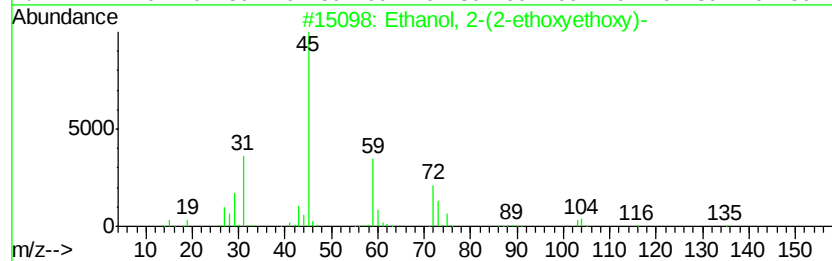
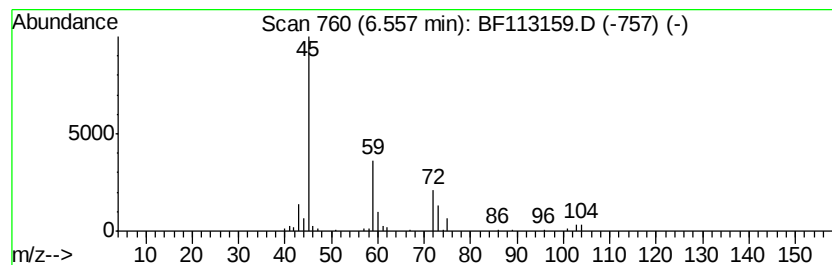
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Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.20 ng	117129	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
5		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	32



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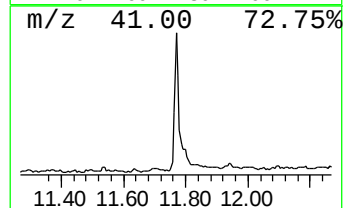
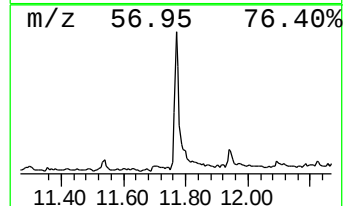
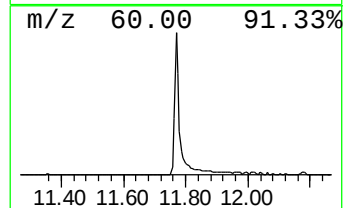
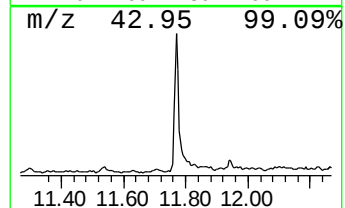
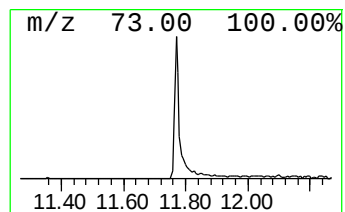
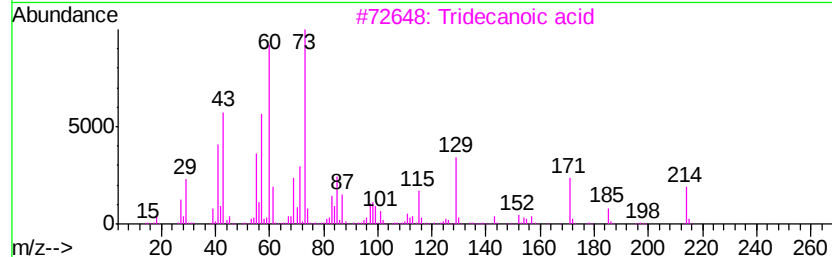
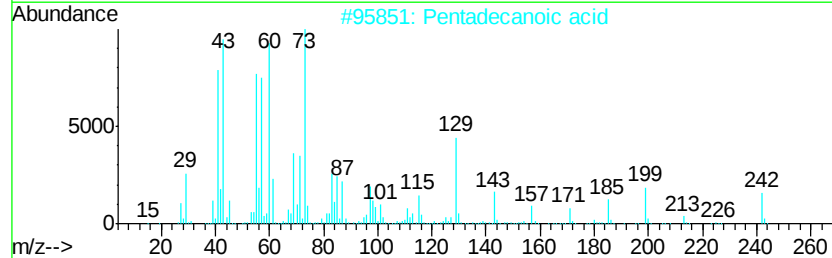
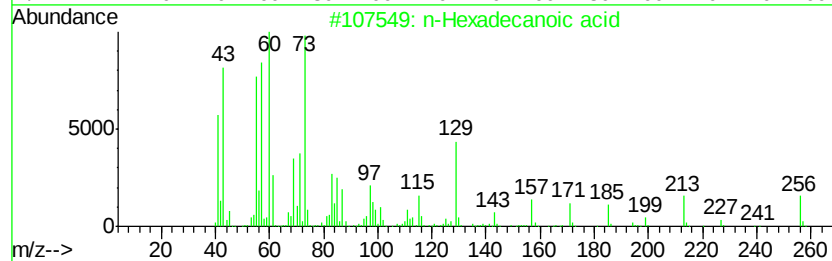
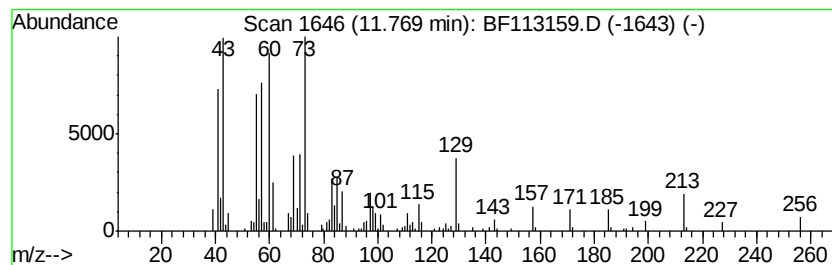
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.64 ng	328453	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25



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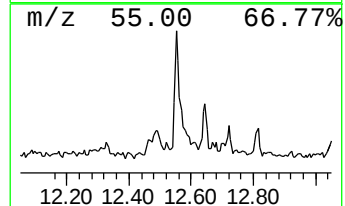
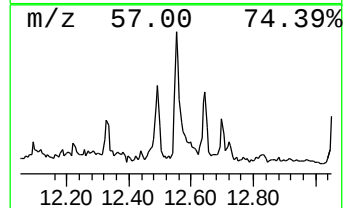
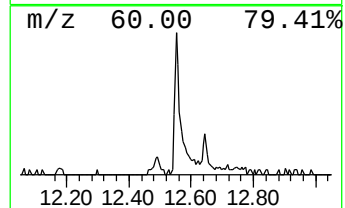
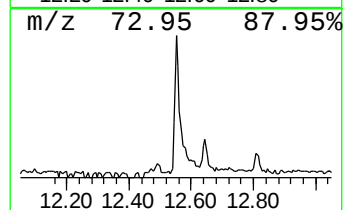
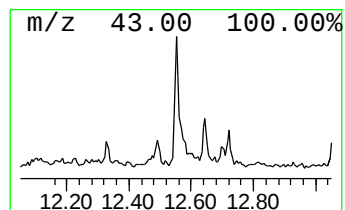
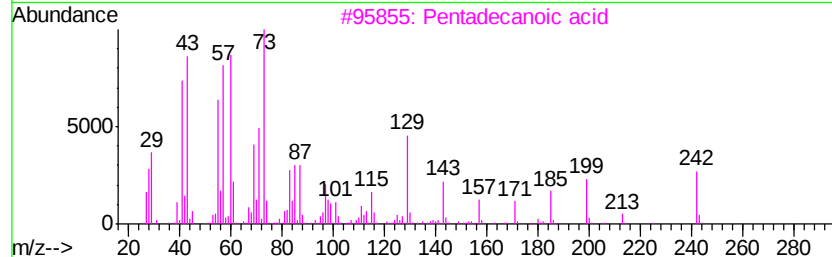
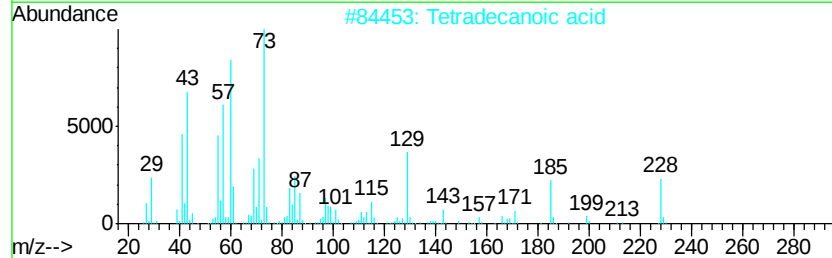
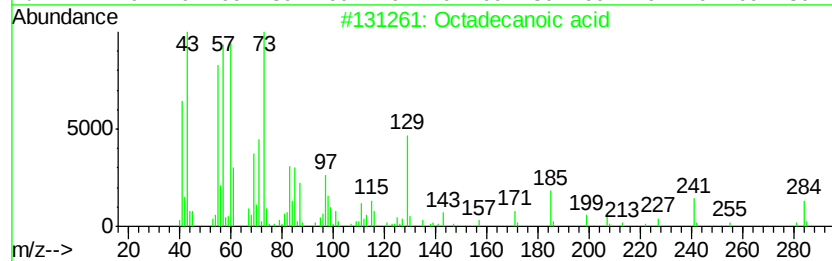
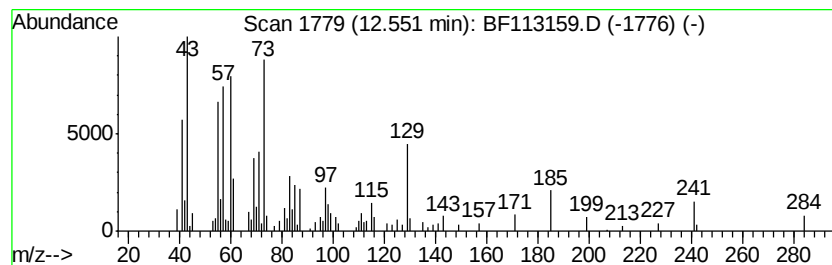
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Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.39 ng	170728	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18



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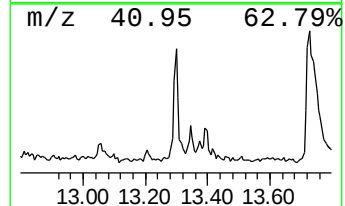
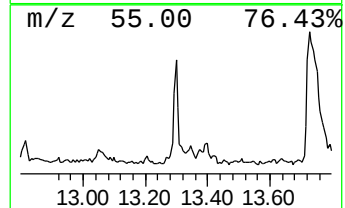
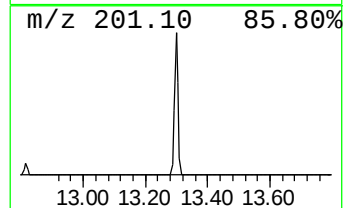
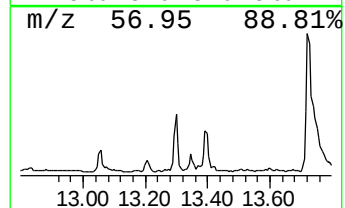
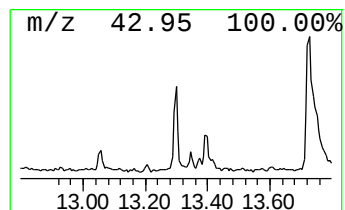
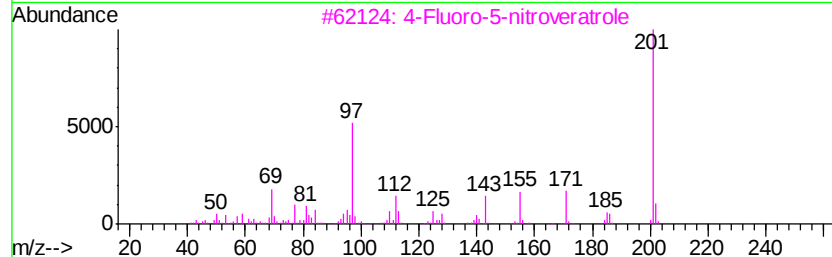
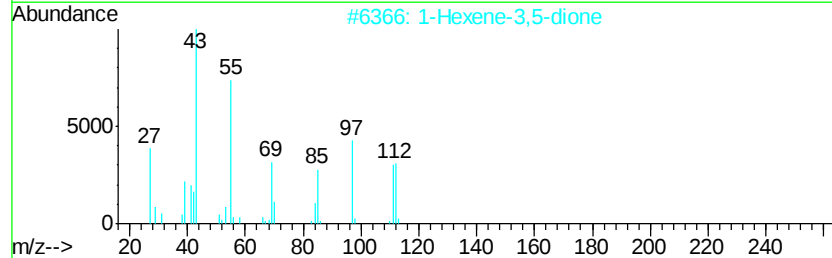
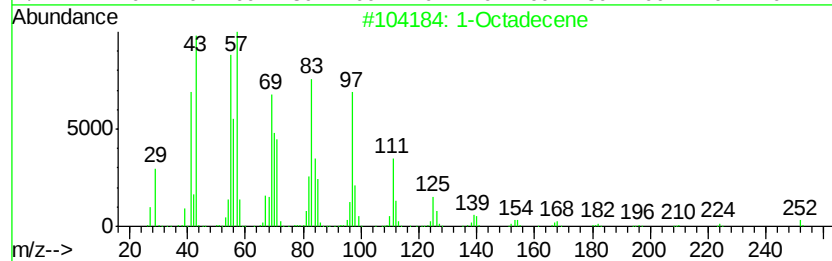
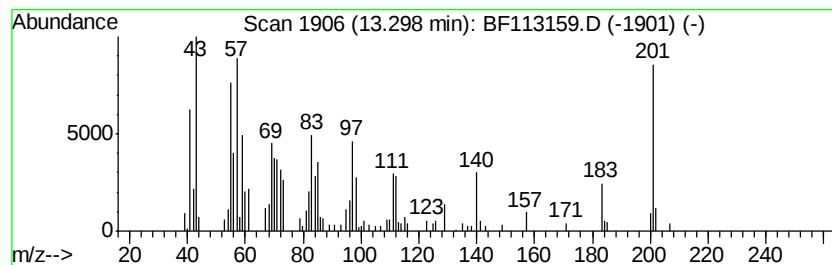
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Peak Number 6 unknown13.30 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.30	2.86 ng	143917	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	30
2	1-Hexene-3,5-dione	112	C6H8O2	052204-69-0	30
3	4-Fluoro-5-nitroveratrole	201	C8H8FN04	1000257-02-6	30
4	Decane, 1-fluoro-	160	C10H21F	000334-56-5	27
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	20



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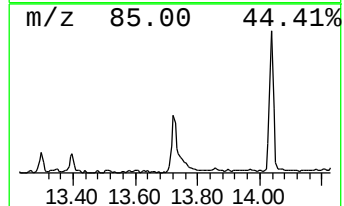
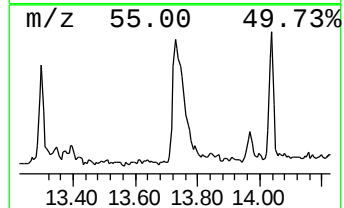
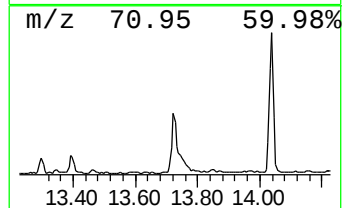
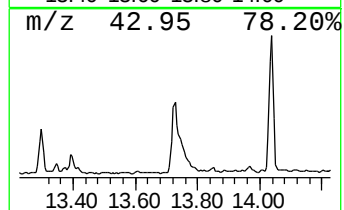
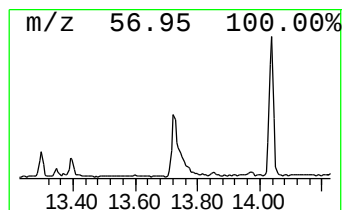
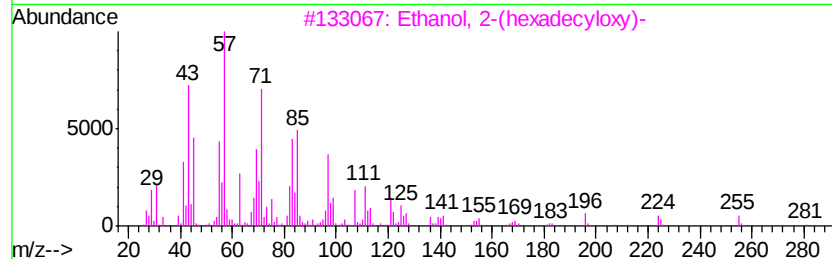
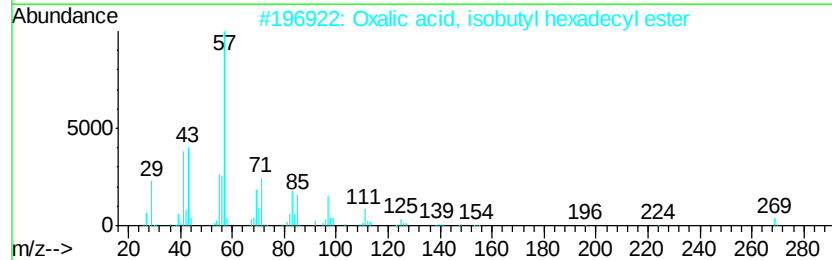
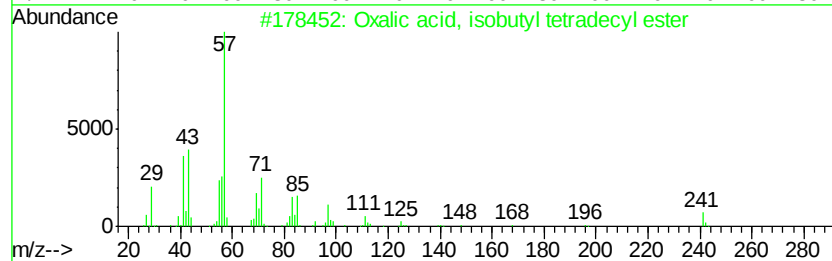
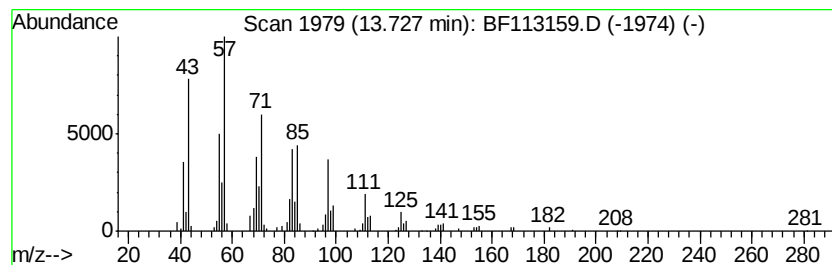
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxalic acid, isobutyl tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	8.10 ng	407717	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
4			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
5			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
Acq On : 20 Mar 2019 7:48
Operator : JU/SJ
Sample : K1947-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
PST-025-B128-031319

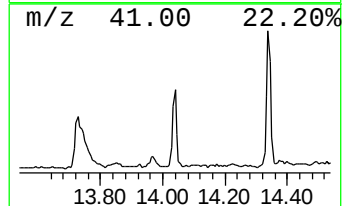
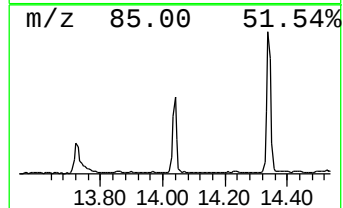
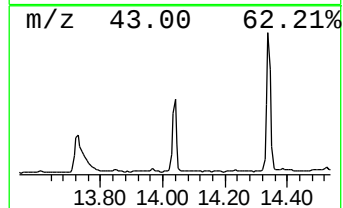
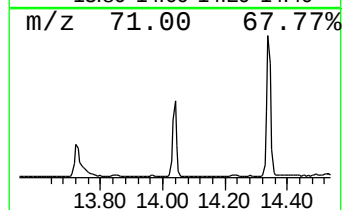
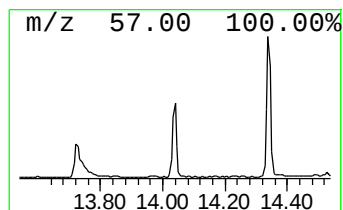
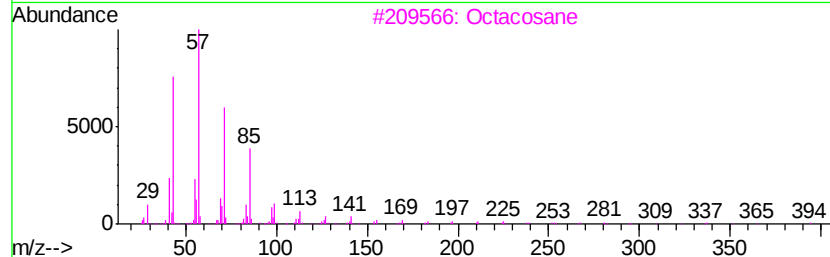
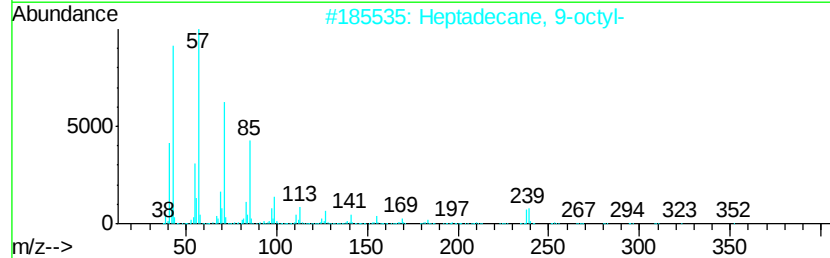
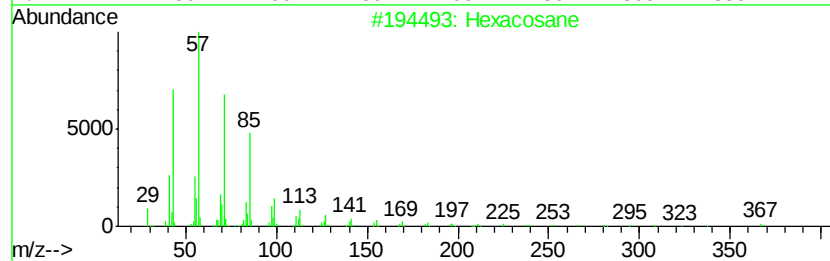
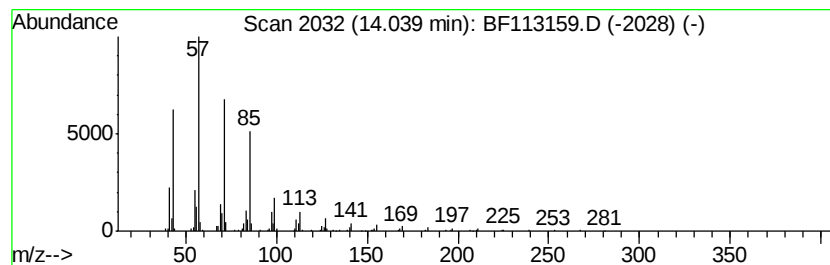
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.95 ng	249172	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
Acq On : 20 Mar 2019 7:48
Operator : JU/SJ
Sample : K1947-08
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ClientSampleId :
PST-025-B128-031319

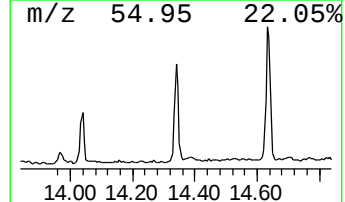
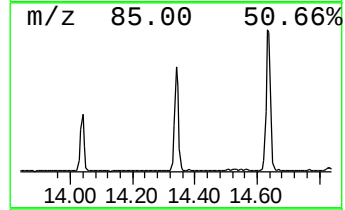
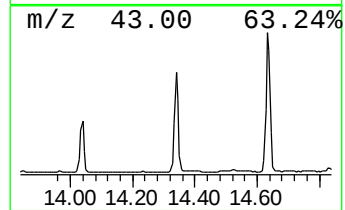
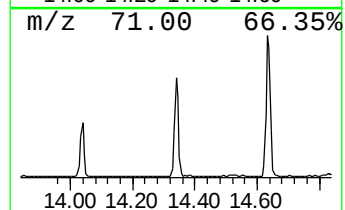
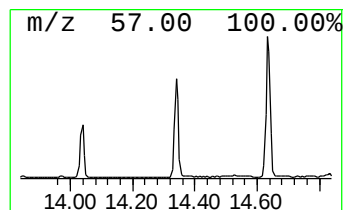
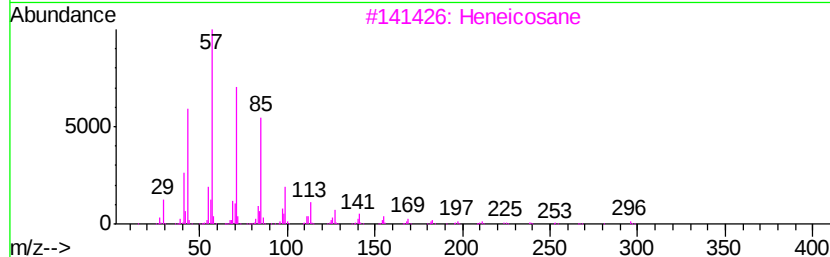
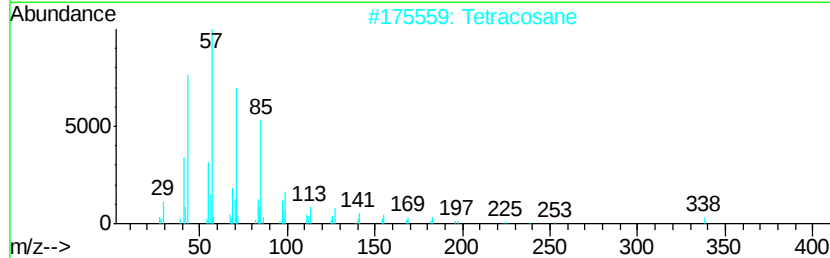
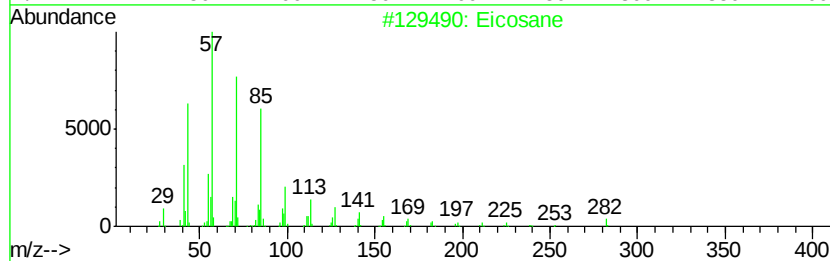
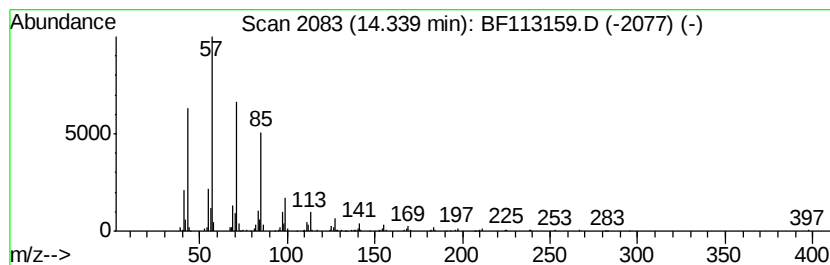
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	9.74 ng	490080	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
Acq On : 20 Mar 2019 7:48
Operator : JU/SJ
Sample : K1947-08
Misc :
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Instrument :
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ClientSampleId :
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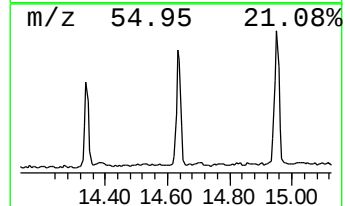
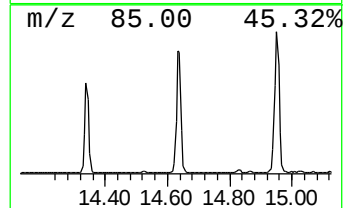
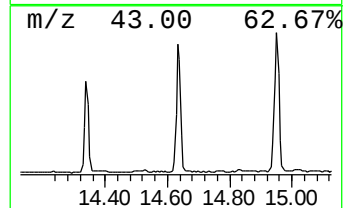
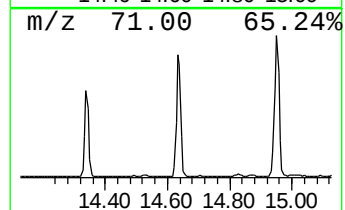
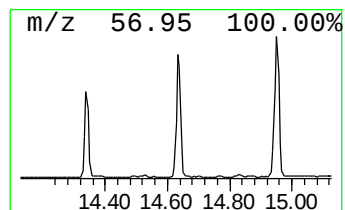
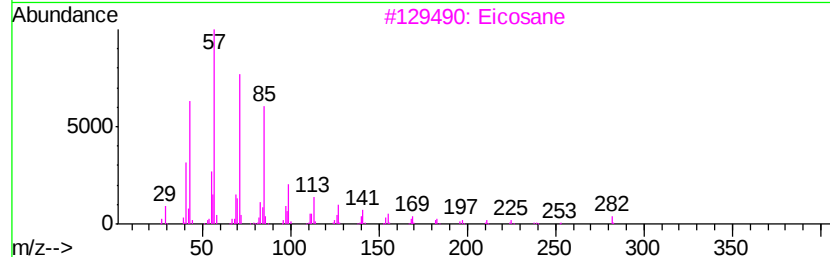
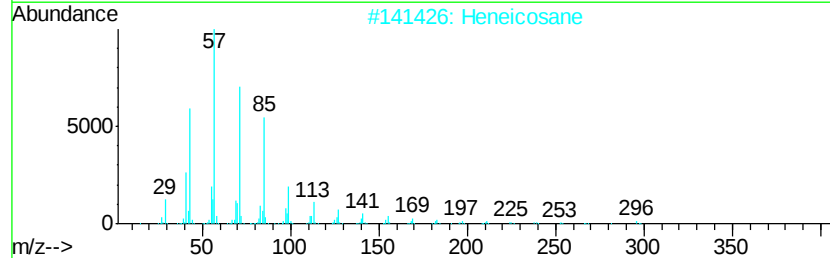
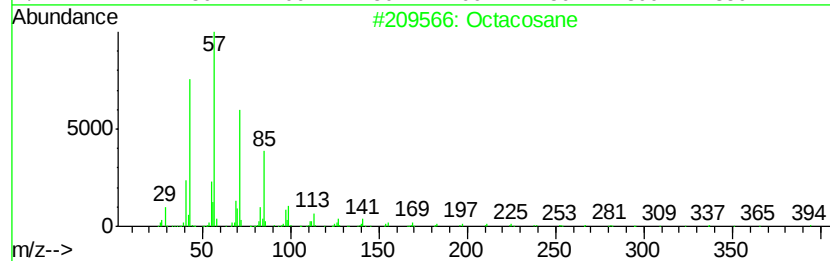
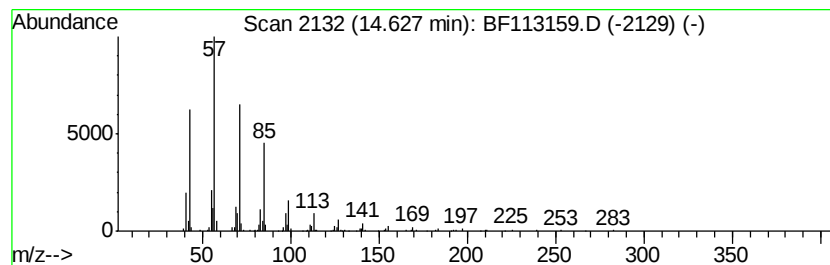
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	17.81 ng	715615	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
Acq On : 20 Mar 2019 7:48
Operator : JU/SJ
Sample : K1947-08
Misc :
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ClientSampleId :
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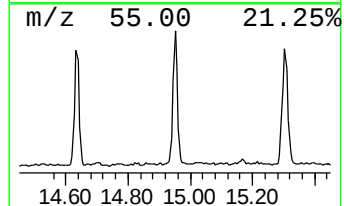
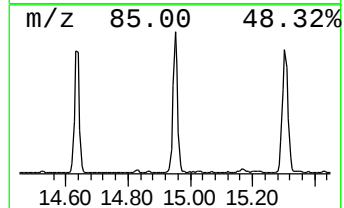
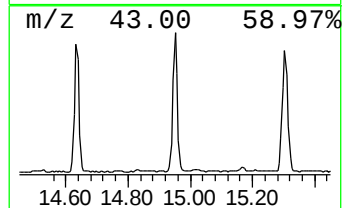
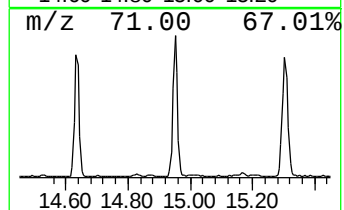
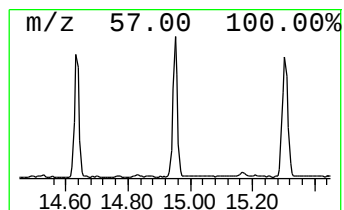
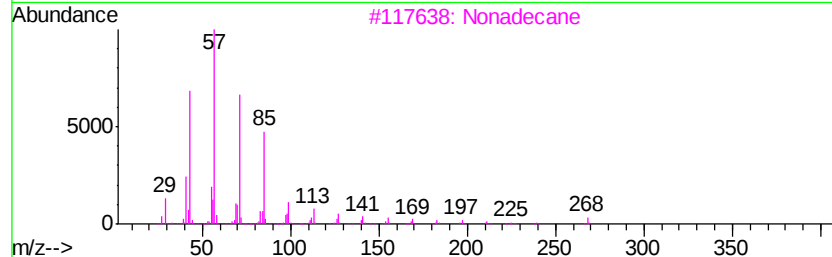
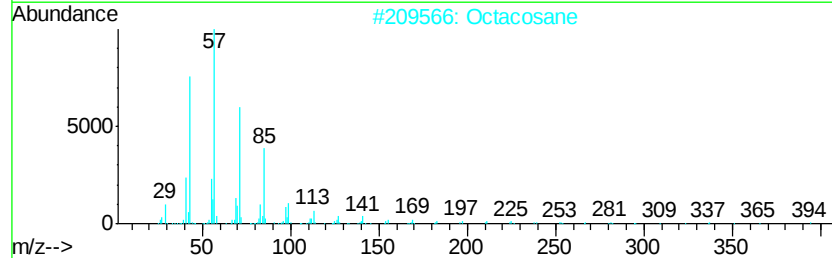
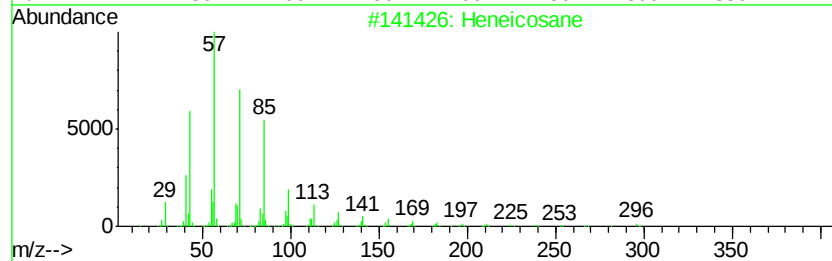
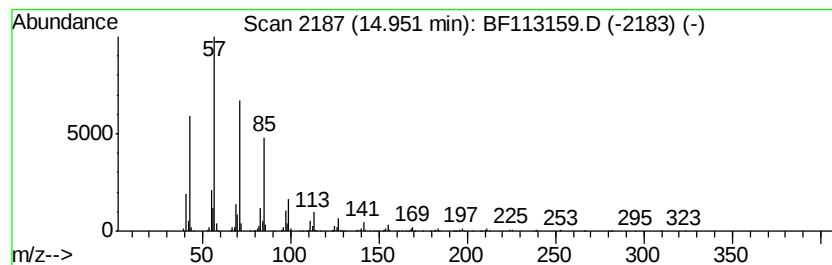
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	21.09 ng	847401	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Nonadecane	268	C19H40	000629-92-5	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
Acq On : 20 Mar 2019 7:48
Operator : JU/SJ
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Misc :
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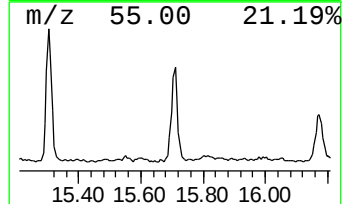
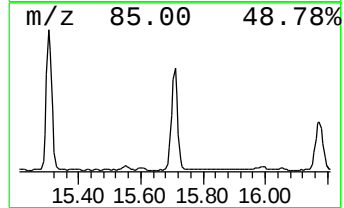
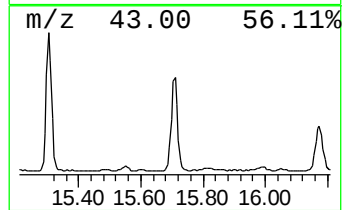
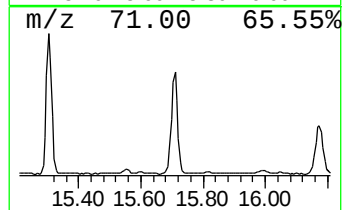
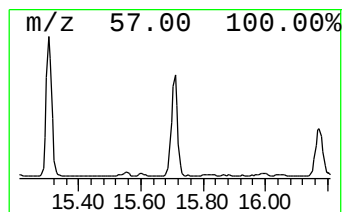
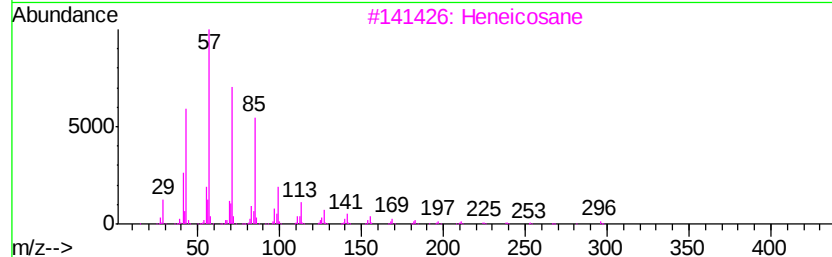
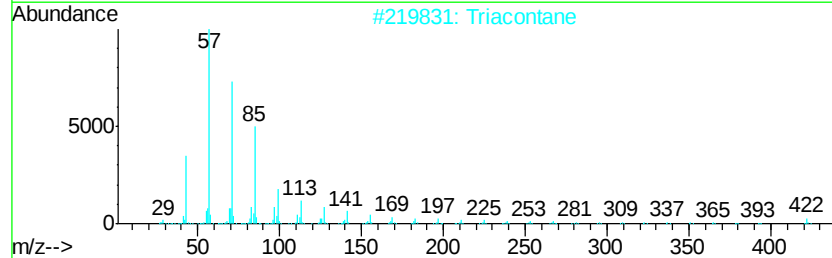
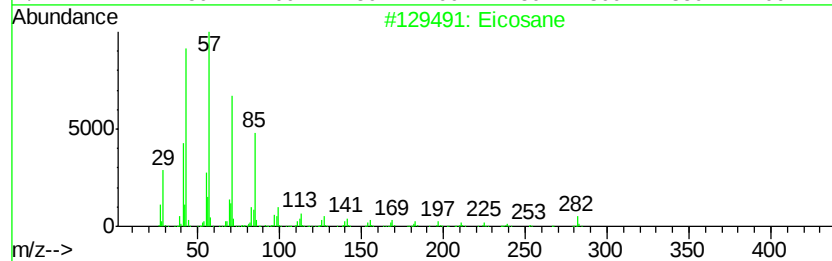
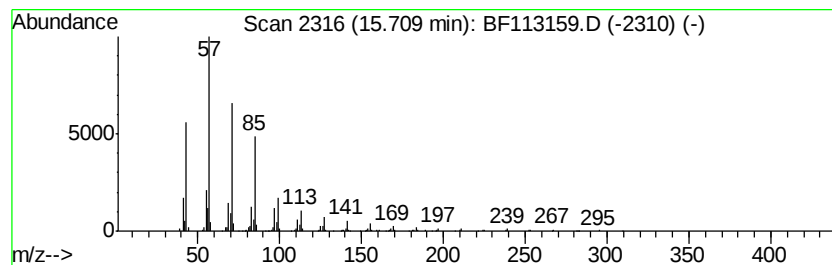
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	18.47 ng	742246	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
Acq On : 20 Mar 2019 7:48
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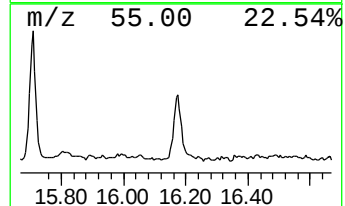
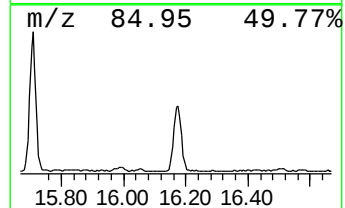
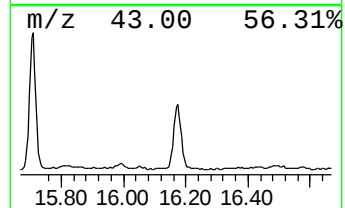
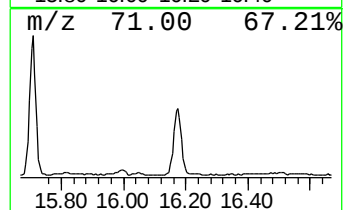
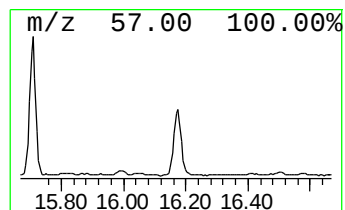
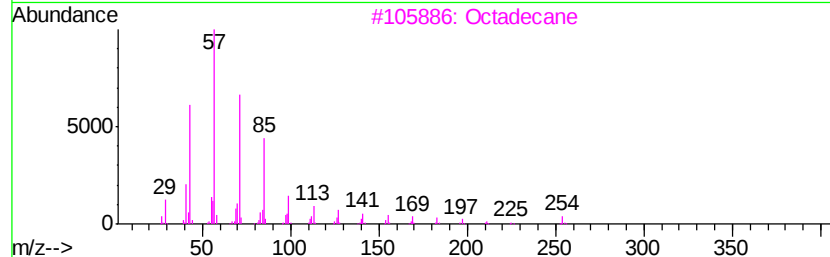
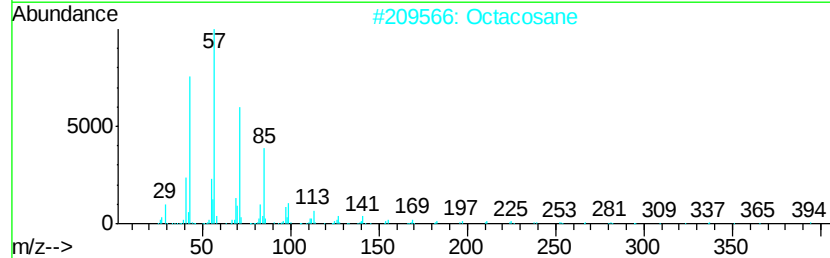
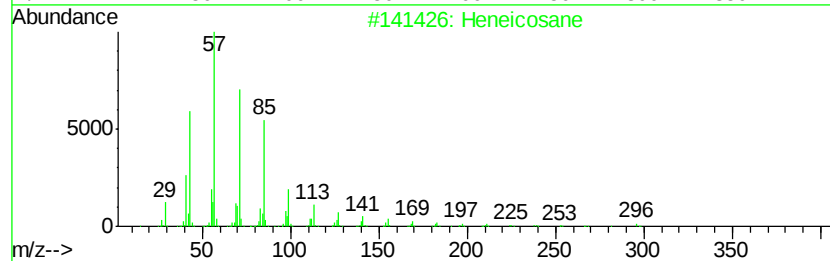
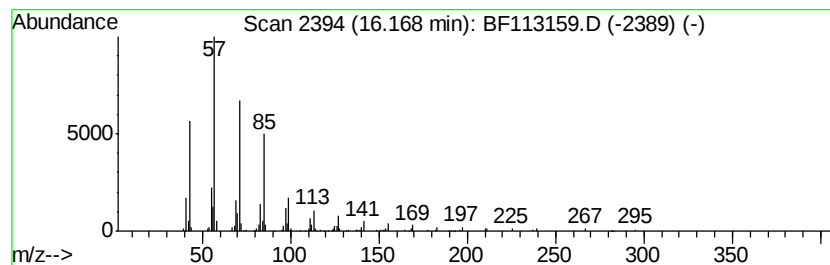
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	11.76 ng	472684	Perylene-d12	15.27

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			Octadecane	254	C18H38	000593-45-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113159.D
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Operator : JU/SJ
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PST-025-B128-031319

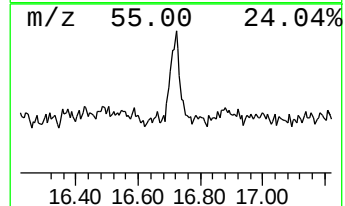
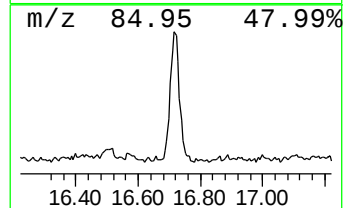
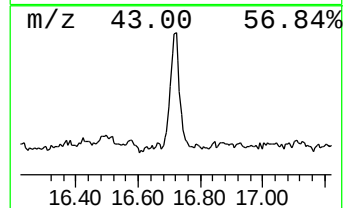
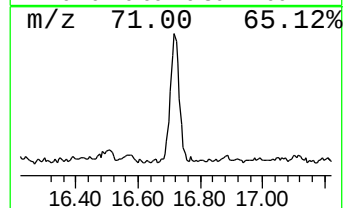
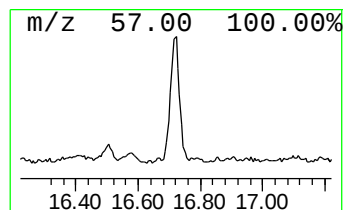
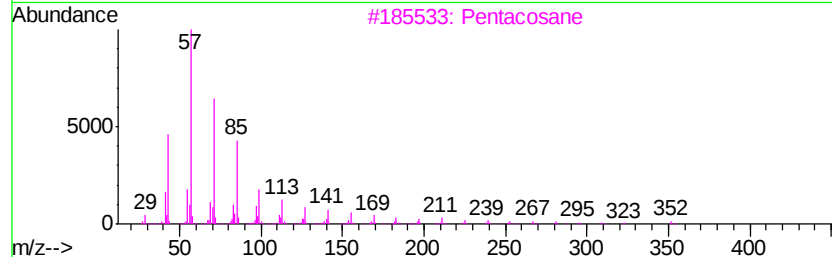
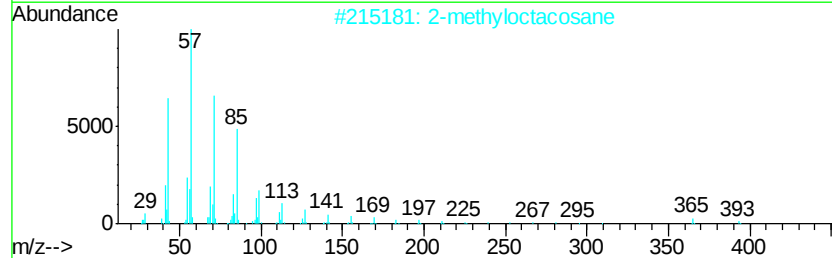
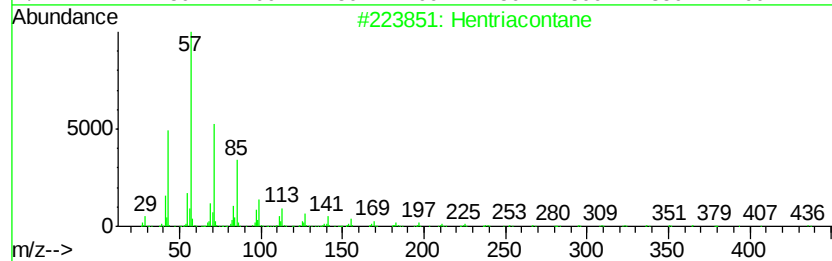
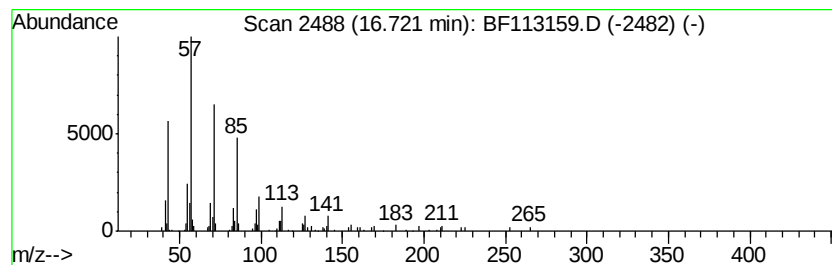
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.88 ng	196168	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113159.D
 Acq On : 20 Mar 2019 7:48
 Operator : JU/SJ
 Sample : K1947-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B128-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	84.3	ng	4498780	1	6.72	1066860	20.0
Ethanol, 2-(2-eth...	6.56	2.2	ng	117129	1	6.72	1066860	20.0
n-Hexadecanoic acid	11.77	6.6	ng	328453	4	11.23	989310	20.0
Octadecanoic acid	12.55	3.4	ng	170728	5	13.86	1006550	20.0
unknown13.30	13.30	2.9	ng	143917	5	13.86	1006550	20.0
Oxalic acid, isob...	13.73	8.1	ng	407717	5	13.86	1006550	20.0
Hexacosane	14.04	5.0	ng	249172	5	13.86	1006550	20.0
Eicosane	14.34	9.7	ng	490080	5	13.86	1006550	20.0
Octacosane	14.63	17.8	ng	715615	6	15.27	803739	20.0
Heneicosane	14.95	21.1	ng	847401	6	15.27	803739	20.0
Heptadecane, 9-oc...	15.71	18.5	ng	742246	6	15.27	803739	20.0
Tetracosane	16.17	11.8	ng	472684	6	15.27	803739	20.0
Hentriacontane	16.72	4.9	ng	196168	6	15.27	803739	20.0