

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111273.D
 Acq On : 11 Dec 2018 12:41
 Operator : JU/SJ
 Sample : J6302-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

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-BF120818.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	5.004	488	496	502	rVB	338197	498353	6.16%	0.693%
2	5.416	561	566	569	rBV	7322801	7080858	87.56%	9.851%
3	6.434	733	739	750	rBV	6728426	8086511	100.00%	11.250%
4	6.569	757	762	765	rBV	7715195	7219945	89.28%	10.045%
5	6.792	797	800	804	rBV	2639698	2415695	29.87%	3.361%
6	6.951	823	827	831	rBV	6465501	6171365	76.32%	8.586%
7	7.357	890	896	899	rBV	5429668	5135416	63.51%	7.145%
8	8.081	1014	1019	1022	rBV	3213283	3069320	37.96%	4.270%
9	9.157	1197	1202	1205	rBV	8444138	7497679	92.72%	10.431%
10	9.545	1265	1268	1271	rBV	844324	614143	7.59%	0.854%
11	9.833	1312	1317	1321	rBV	3141525	2693519	33.31%	3.747%
12	10.616	1446	1450	1454	rBV	3806264	3819597	47.23%	5.314%
13	11.192	1545	1548	1553	rBV4	132688	238305	2.95%	0.332%
14	11.316	1565	1569	1572	rBV	3420086	2808208	34.73%	3.907%
15	11.851	1655	1660	1670	rBV	1799370	1933057	23.90%	2.689%
16	12.521	1772	1774	1778	rBV	134916	165533	2.05%	0.230%
17	12.557	1778	1780	1786	rVB4	97790	121914	1.51%	0.170%
18	12.633	1789	1793	1801	rBV	789614	932930	11.54%	1.298%
19	12.751	1811	1813	1817	rVB	135216	116652	1.44%	0.162%
20	12.904	1835	1839	1842	rBV	4905835	4317186	53.39%	6.006%
21	13.733	1976	1980	1981	rBV4	108098	136573	1.69%	0.190%
22	13.810	1989	1993	2000	rVB2	667964	917848	11.35%	1.277%
23	13.951	2013	2017	2020	rVB	1617267	1391973	17.21%	1.937%
24	14.445	2098	2101	2110	rVB2	227971	307609	3.80%	0.428%
25	14.745	2149	2152	2154	rBV	98687	93466	1.16%	0.130%
26	14.815	2162	2164	2170	rVB	135671	131214	1.62%	0.183%
27	15.074	2204	2208	2212	rBV	1446567	1515768	18.74%	2.109%
28	15.392	2258	2262	2267	rBV	1150069	1365358	16.88%	1.900%
29	15.445	2269	2271	2275	rVB	148559	166019	2.05%	0.231%
30	15.874	2339	2344	2348	rBV	623050	915027	11.32%	1.273%

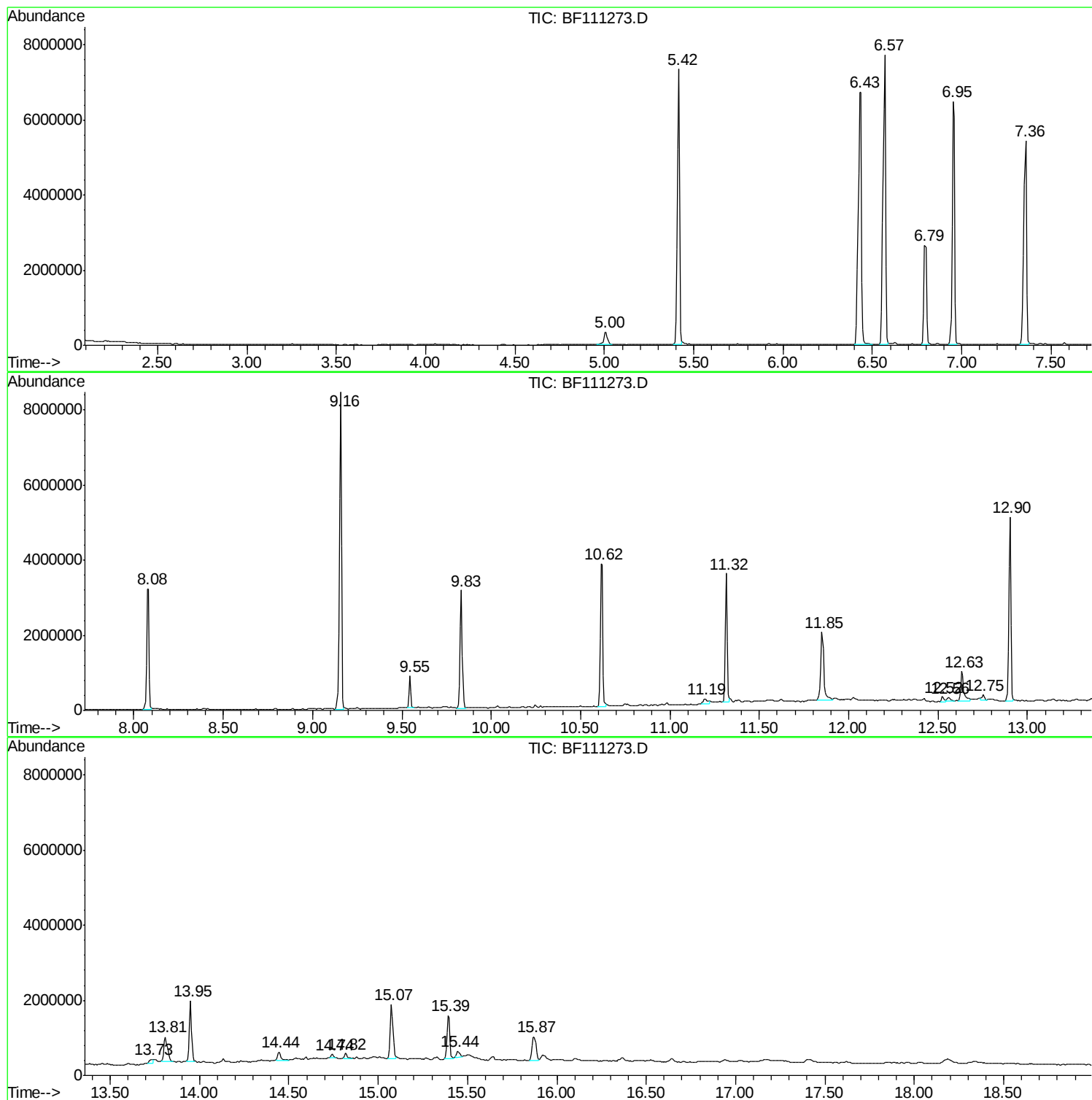
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Instrument :
BNA_F
ClientSampled :
K-120718-RO

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.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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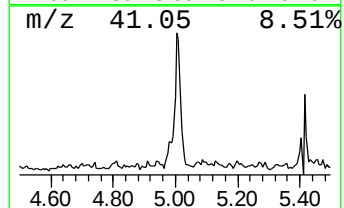
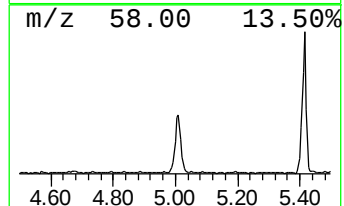
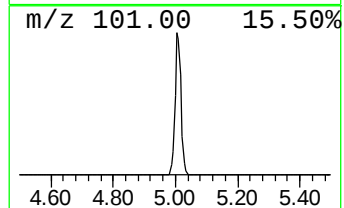
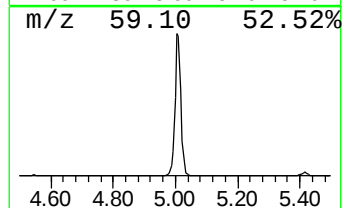
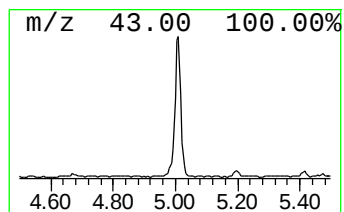
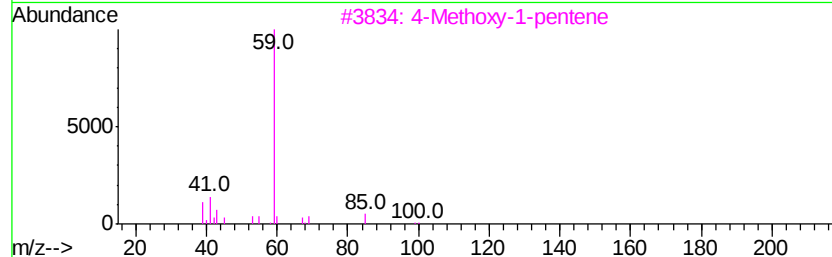
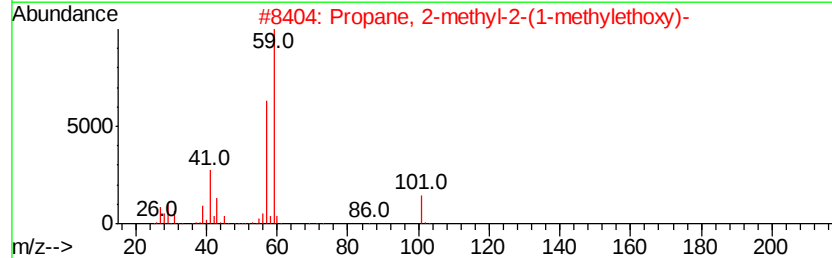
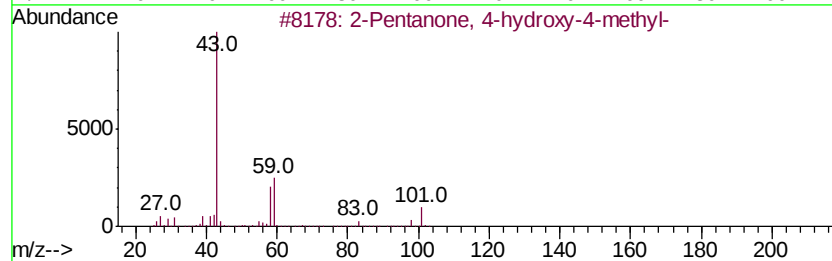
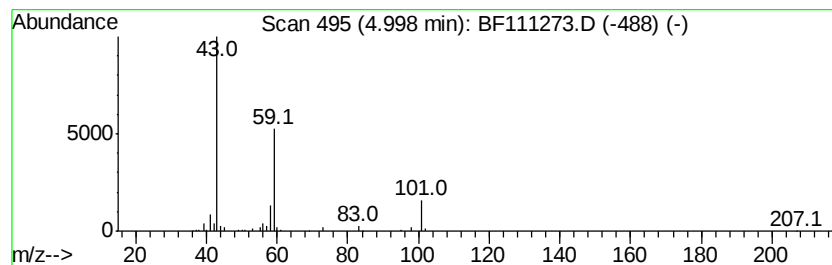
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.13 ng	498353	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			4-Methoxy-1-pentene	100	C6H12O	098386-09-5	32
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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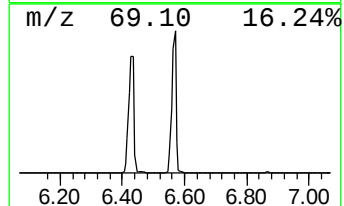
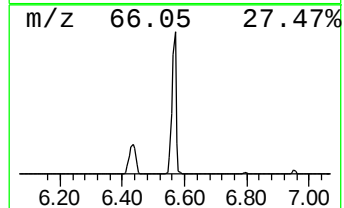
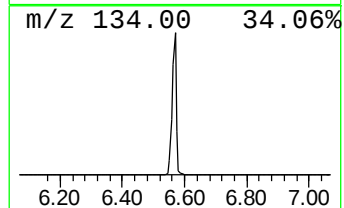
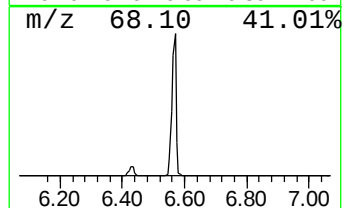
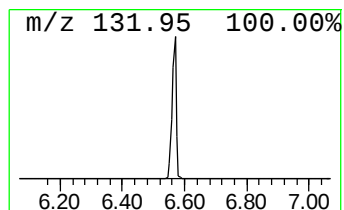
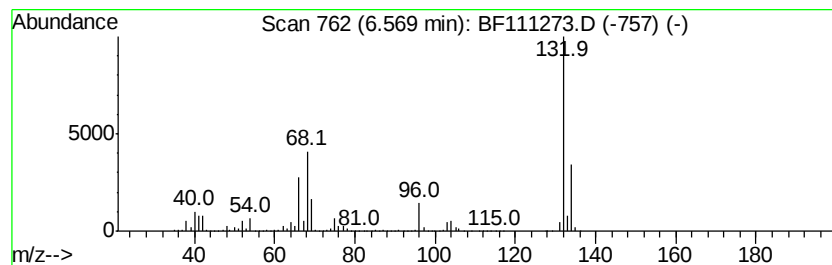
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	59.78 ng	7219950	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12	
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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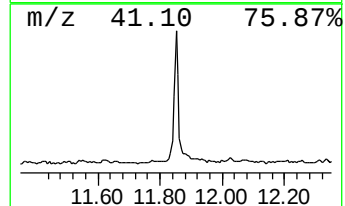
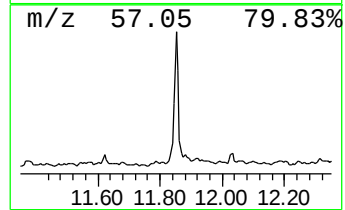
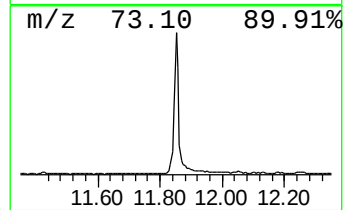
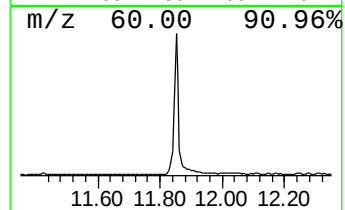
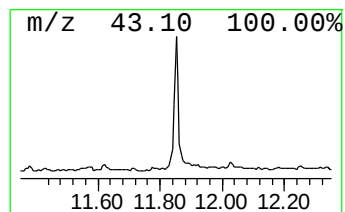
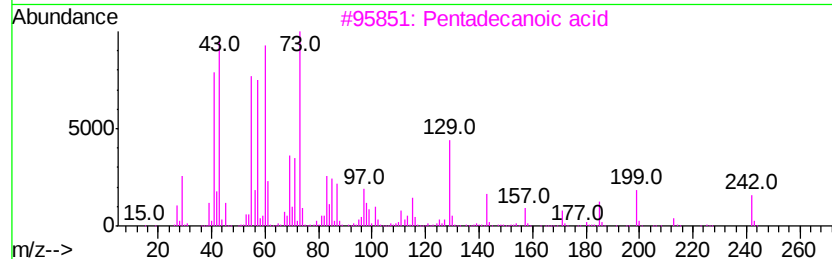
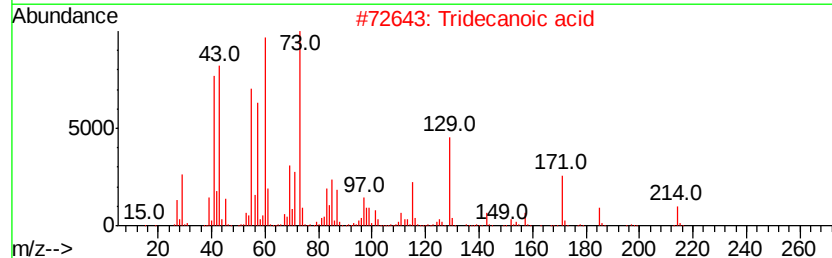
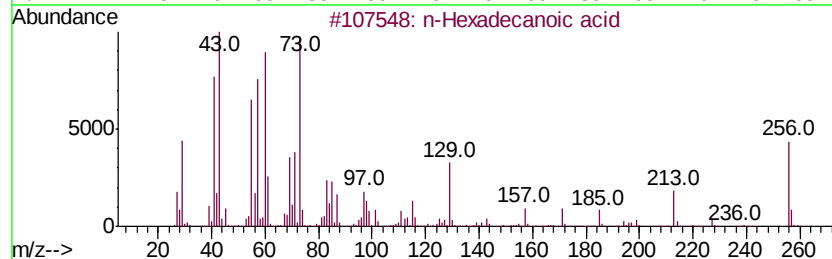
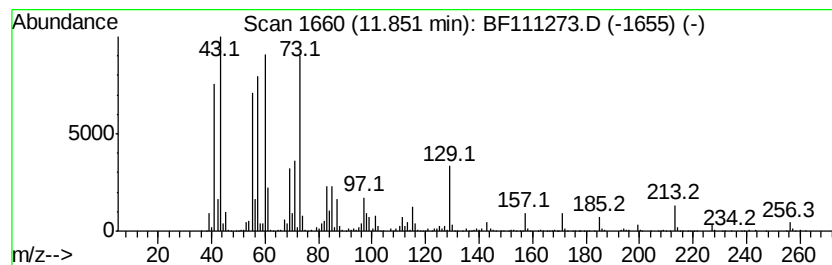
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.77 ng	1933060	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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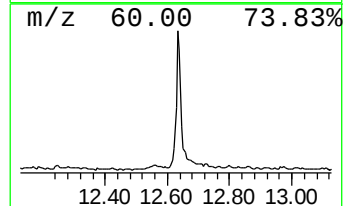
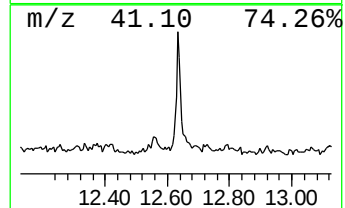
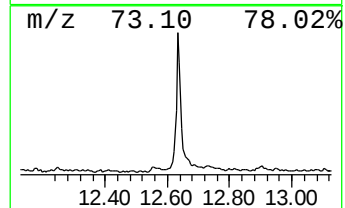
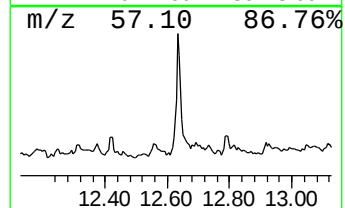
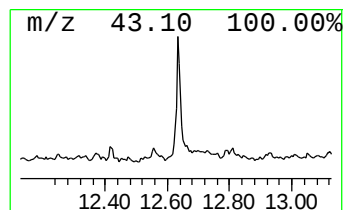
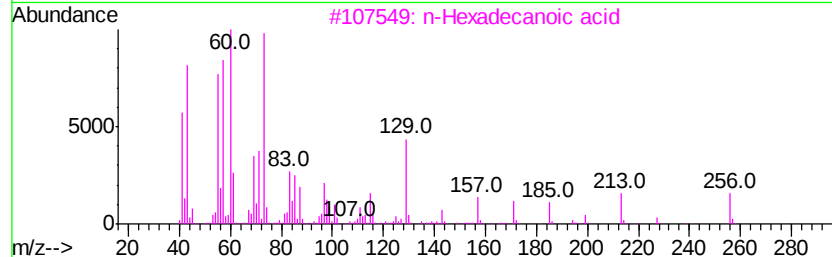
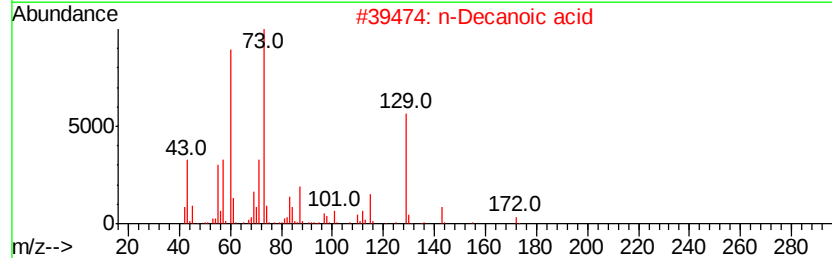
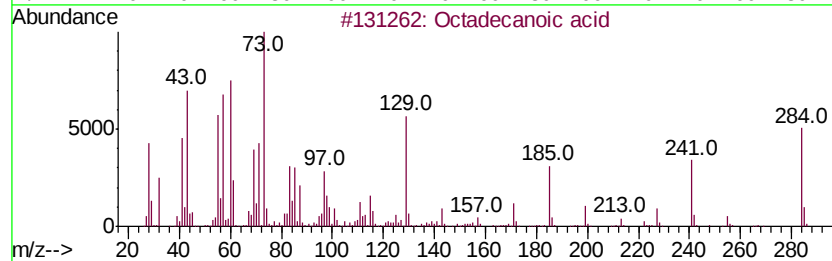
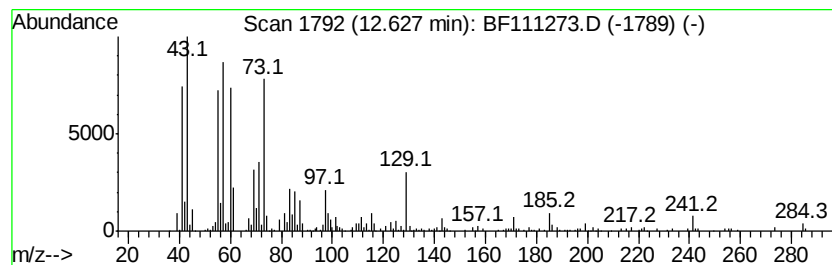
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.64 ng	932930	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



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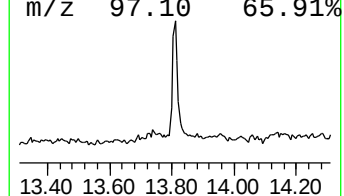
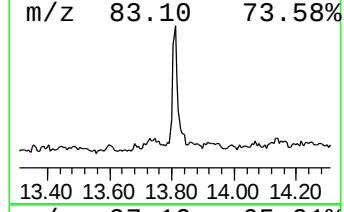
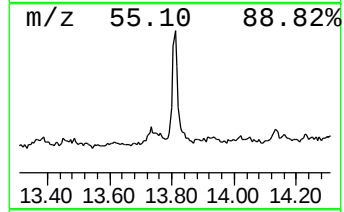
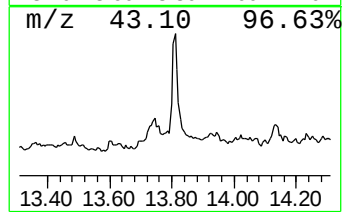
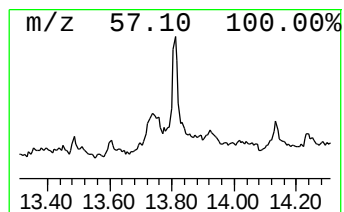
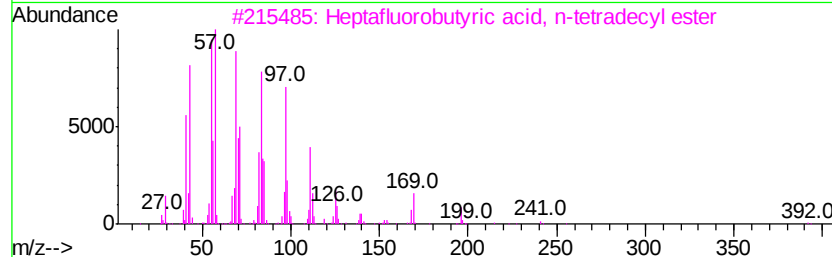
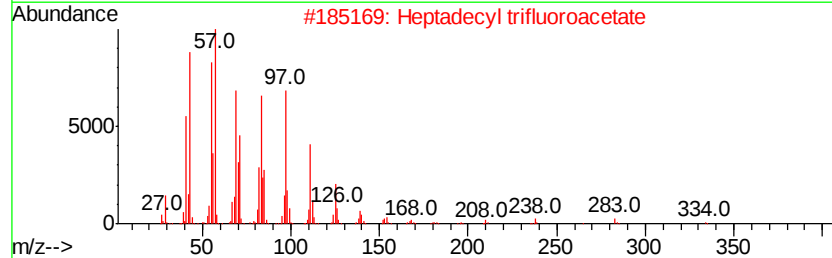
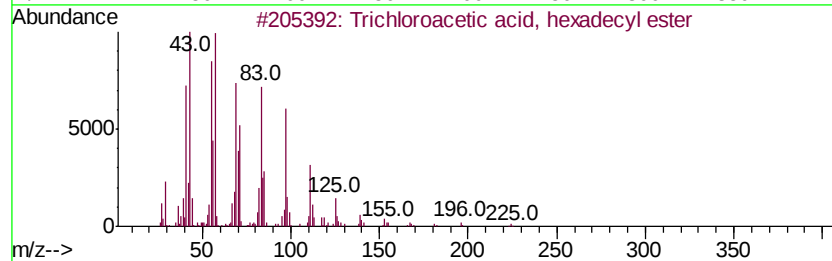
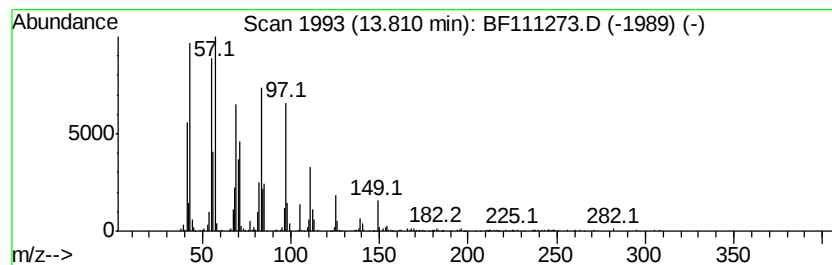
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	13.19 ng	917848	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



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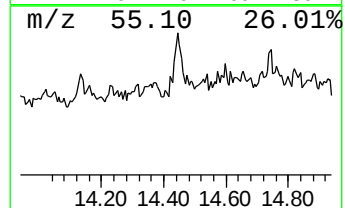
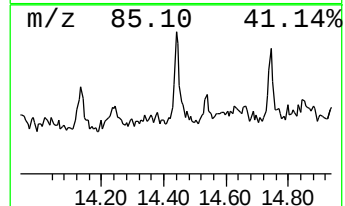
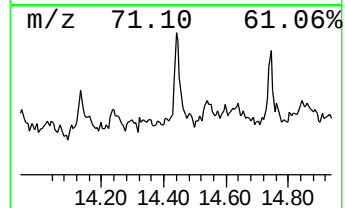
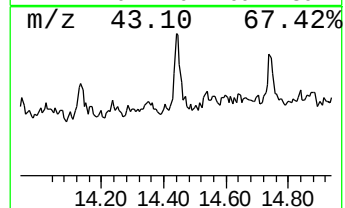
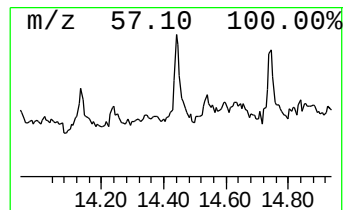
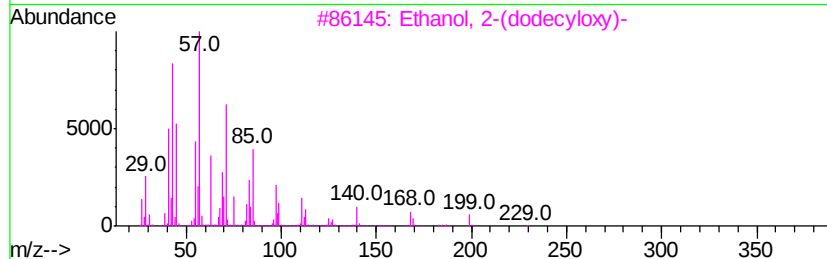
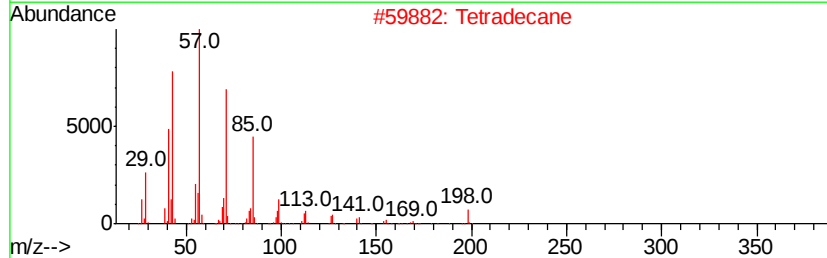
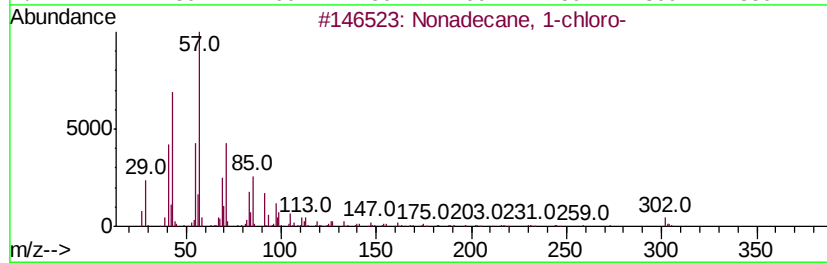
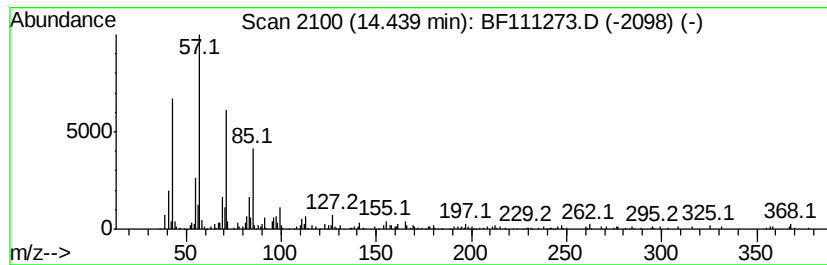
Instrument :
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ClientSampleId :
K-120718-RO

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.44	4.42 ng	307609	Chrysene-d12		13.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	80
4		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	76
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111273.D
Acq On : 11 Dec 2018 12:41
Operator : JU/SJ
Sample : J6302-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

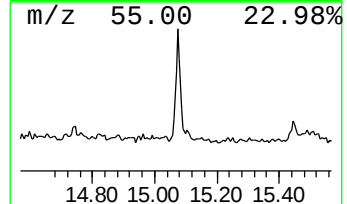
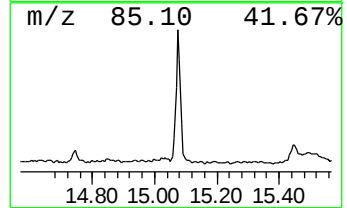
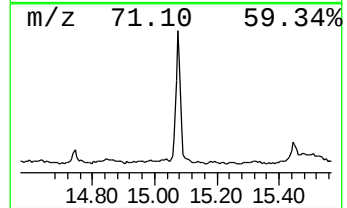
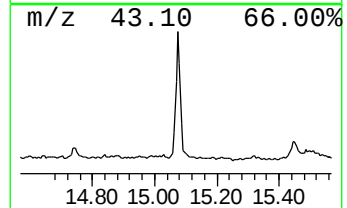
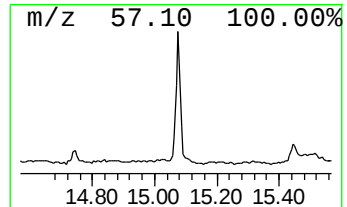
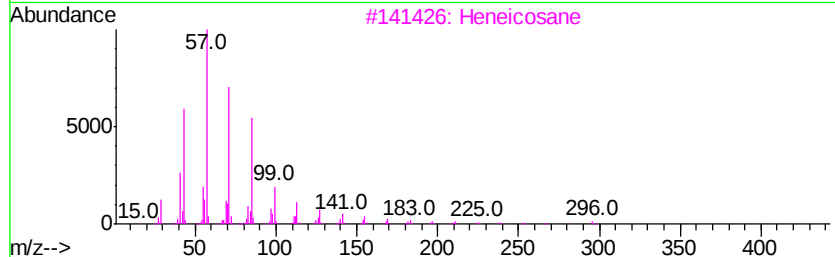
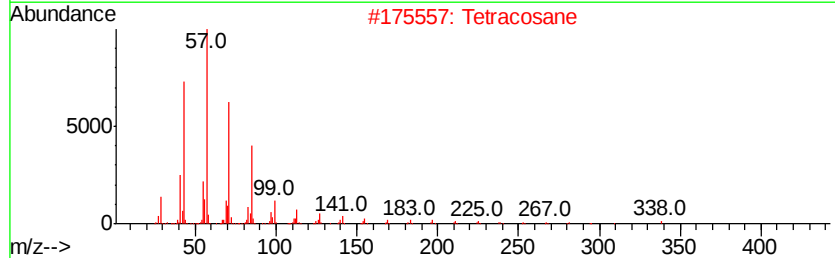
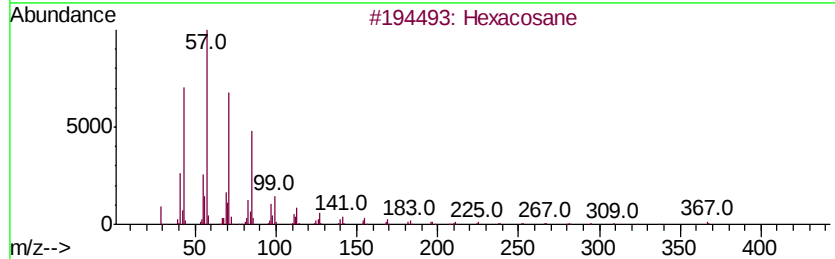
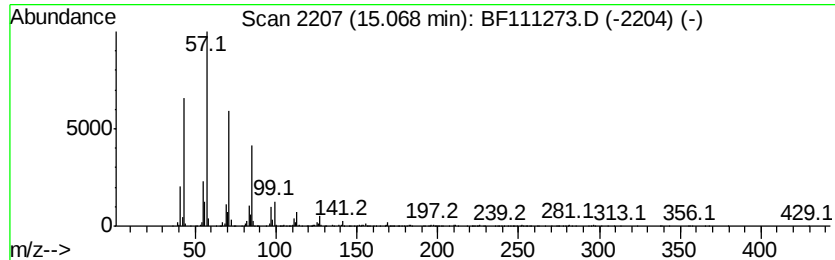
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	22.20 ng	1515770	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111273.D
Acq On : 11 Dec 2018 12:41
Operator : JU/SJ
Sample : J6302-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

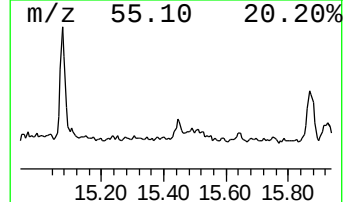
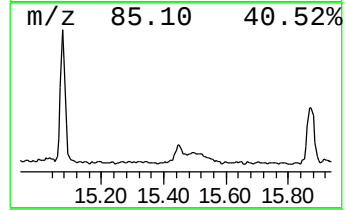
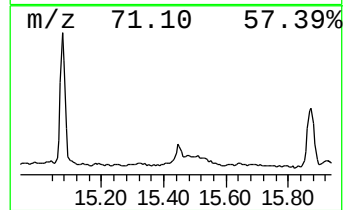
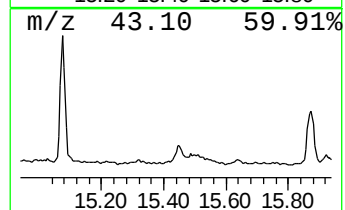
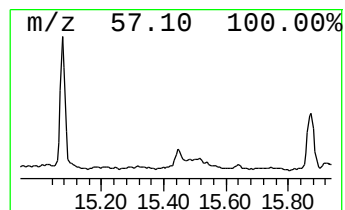
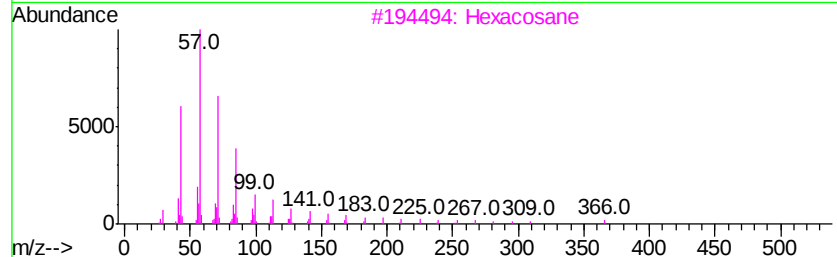
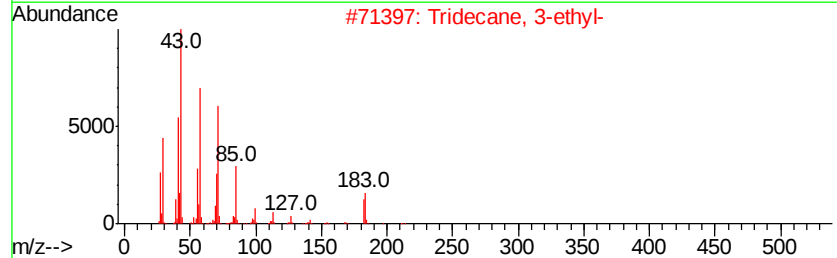
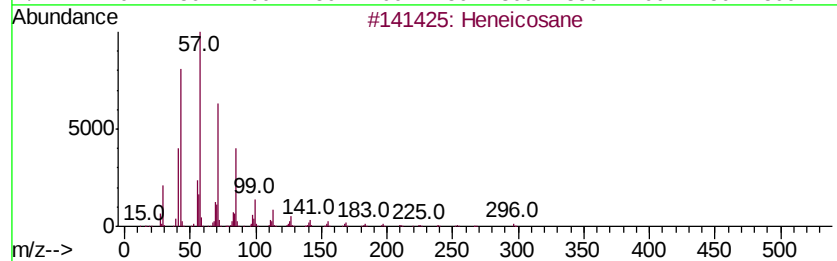
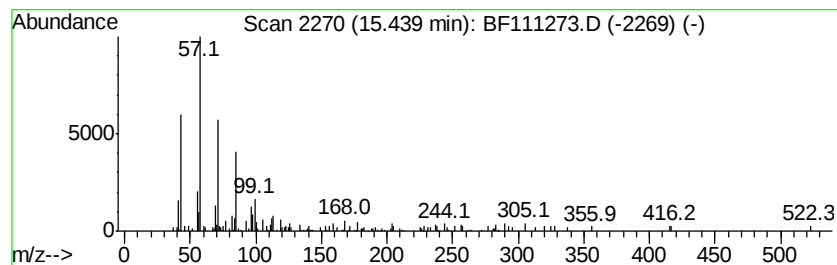
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.43 ng	166019	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	93
2	Tridecane, 3-ethyl-		212	C15H32	013286-73-2	87
3	Hexacosane		366	C26H54	000630-01-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111273.D
Acq On : 11 Dec 2018 12:41
Operator : JU/SJ
Sample : J6302-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

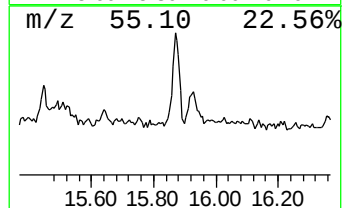
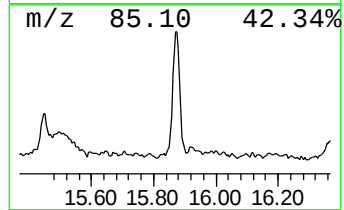
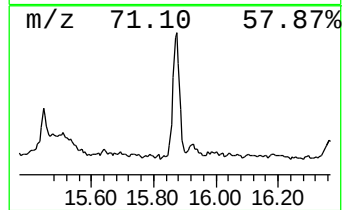
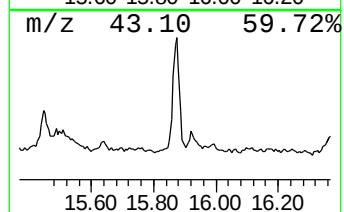
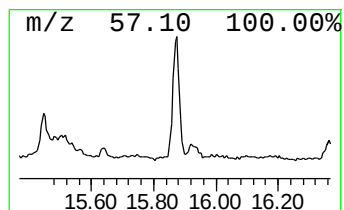
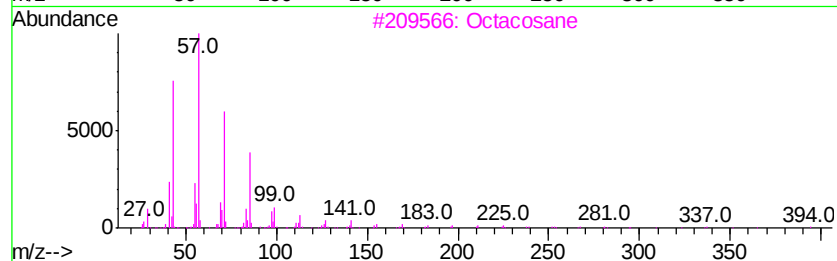
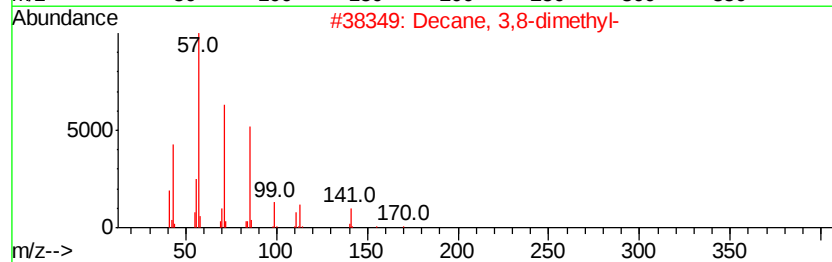
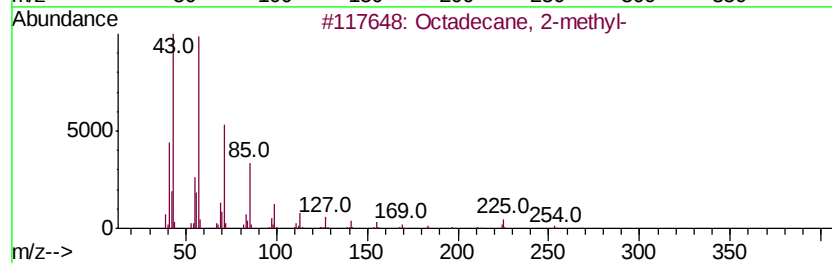
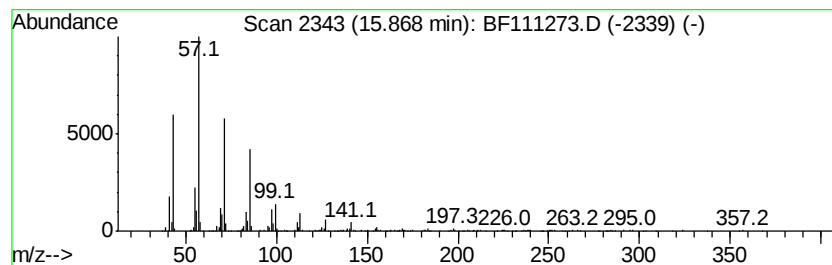
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	13.40 ng	915027	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111273.D
Acq On : 11 Dec 2018 12:41
Operator : JU/SJ
Sample : J6302-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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...	5.00	4.1 ng		498353	1	6.80	2415700	20.0
unknown6.57	6.57	59.8 ng		7219950	1	6.80	2415700	20.0
n-Hexadecanoic acid	11.85	13.8 ng		1933060	4	11.32	2808210	20.0
Octadecanoic acid	12.63	6.6 ng		932930	4	11.32	2808210	20.0
Trichloroacetic a...	13.81	13.2 ng		917848	5	13.95	1391970	20.0
Nonadecane, 1-chl...	14.44	4.4 ng		307609	5	13.95	1391970	20.0
Hexacosane	15.07	22.2 ng		1515770	6	15.39	1365360	20.0
Heneicosane	15.44	2.4 ng		166019	6	15.39	1365360	20.0
Octadecane, 2-met...	15.87	13.4 ng		915027	6	15.39	1365360	20.0