

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110423.D
 Acq On : 2 Nov 2018 20:29
 Operator : JU/SJ
 Sample : J5767-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-B

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-BF102318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	24	29	35	rVB	69385	89604	2.09%	0.594%
2	5.569	589	592	613	rBV	336495	341547	7.96%	2.263%
3	6.569	759	762	778	rVB	363803	382010	8.90%	2.532%
4	6.722	784	788	794	rBV	408963	387066	9.02%	2.565%
5	6.951	824	827	835	rBV	596710	535209	12.47%	3.547%
6	7.110	850	854	862	rVB	307720	290299	6.76%	1.924%
7	7.516	919	923	931	rBV	202669	232360	5.41%	1.540%
8	8.239	1042	1046	1051	rBV	664234	648116	15.10%	4.295%
9	9.310	1224	1228	1236	rBV	430251	398979	9.29%	2.644%
10	9.375	1236	1239	1243	rVV	56292	49244	1.15%	0.326%
11	9.698	1290	1294	1299	rVB2	59267	68120	1.59%	0.451%
12	9.904	1326	1329	1334	rVB	63486	60215	1.40%	0.399%
13	9.998	1341	1345	1353	rVB	703816	678519	15.81%	4.496%
14	10.404	1410	1414	1416	rBV2	93988	80797	1.88%	0.535%
15	10.622	1447	1451	1454	rBV2	37814	45850	1.07%	0.304%
16	10.786	1476	1479	1488	rBV	149748	158028	3.68%	1.047%
17	10.880	1491	1495	1505	rVB2	92281	133940	3.12%	0.888%
18	11.327	1568	1571	1574	rBV	79531	62686	1.46%	0.415%
19	11.486	1594	1598	1606	rBV	617408	589174	13.73%	3.904%
20	11.751	1641	1643	1646	rBV	62636	51962	1.21%	0.344%
21	11.857	1657	1661	1664	rBV	1373411	1040364	24.24%	6.894%
22	12.163	1710	1713	1721	rBV	54763	54842	1.28%	0.363%
23	12.551	1774	1779	1781	rBV	4147105	4292629	100.00%	28.447%
24	12.569	1781	1782	1788	rVV2	2770857	2007570	46.77%	13.304%
25	12.651	1792	1796	1799	rVV	470012	418436	9.75%	2.773%
26	12.704	1801	1805	1808	rBV	59103	58305	1.36%	0.386%
27	12.939	1843	1845	1851	rVB	61230	61275	1.43%	0.406%
28	13.069	1863	1867	1870	rBV	297841	264639	6.16%	1.754%
29	13.374	1915	1919	1922	rBV	46241	46735	1.09%	0.310%
30	13.951	2013	2017	2020	rBV2	41894	48553	1.13%	0.322%
31	14.039	2030	2032	2036	rBV	41362	49648	1.16%	0.329%
32	14.133	2043	2048	2054	rBV	590560	590417	13.75%	3.913%
33	14.568	2118	2122	2125	rBV	74468	92620	2.16%	0.614%
34	14.886	2173	2176	2180	rVB	52996	52000	1.21%	0.345%

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Instrument :
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ClientSampleId :
CL-02-110118-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.233	2233	2235	2243	rVB	69227	80320	1.87%	0.532%
36	15.657	2299	2307	2312	rVB2	275875	459111	10.70%	3.042%
37	16.092	2376	2381	2387	rVB	63214	109136	2.54%	0.723%
38	16.615	2468	2470	2479	rVB2	47628	79671	1.86%	0.528%

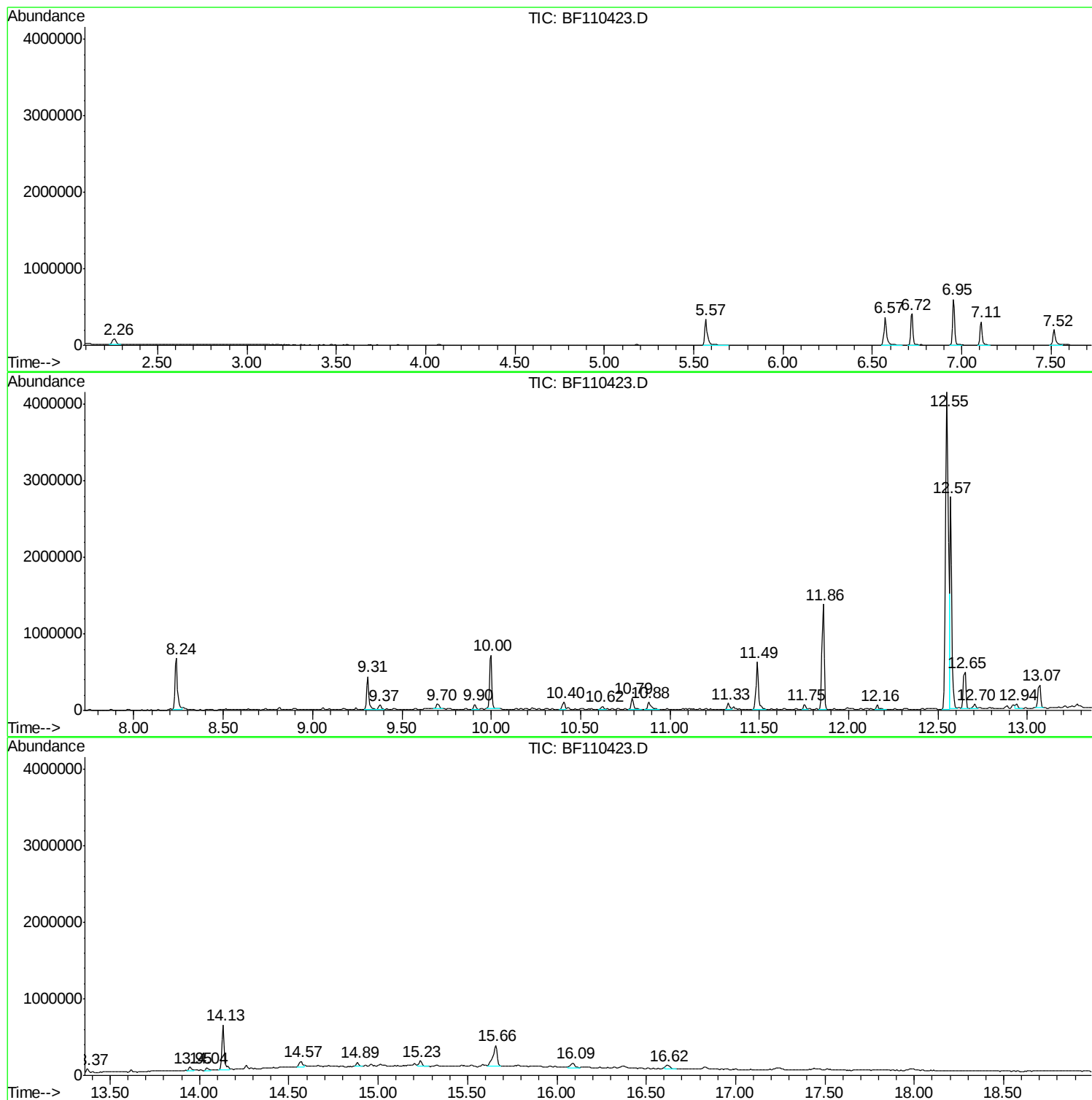
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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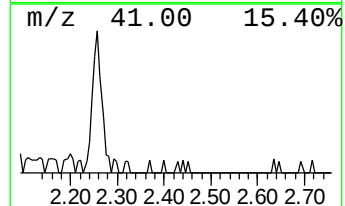
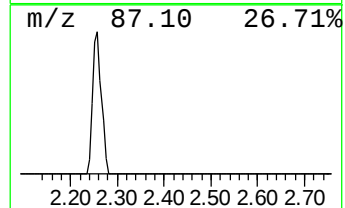
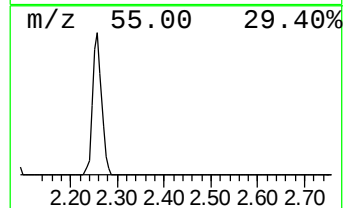
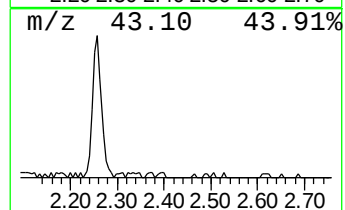
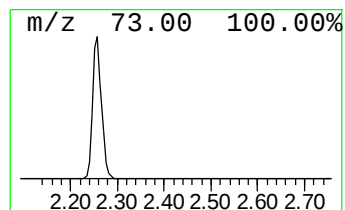
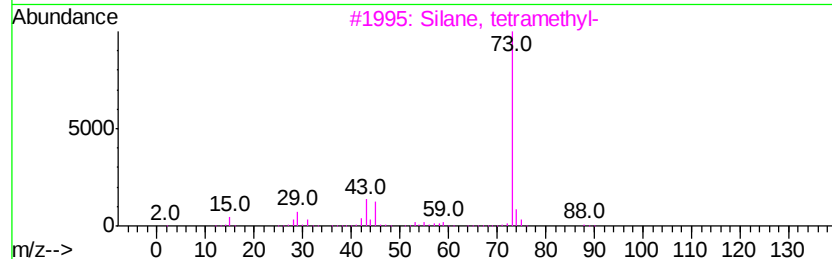
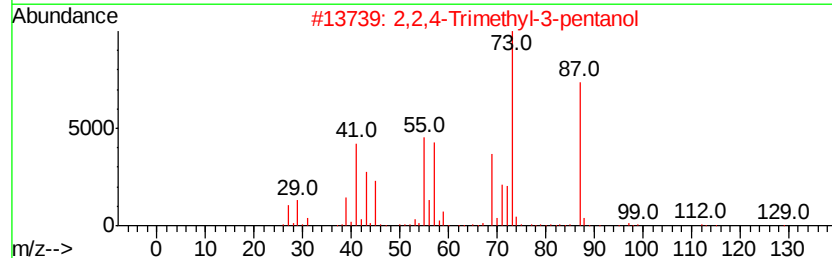
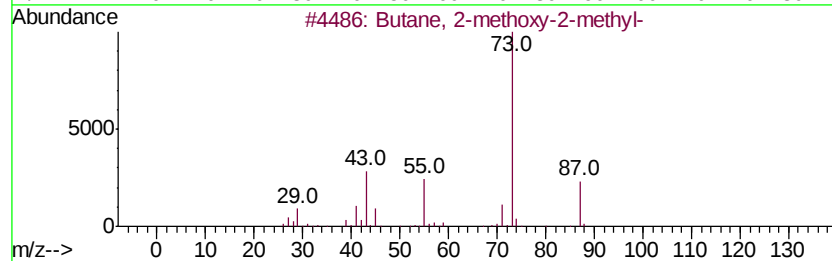
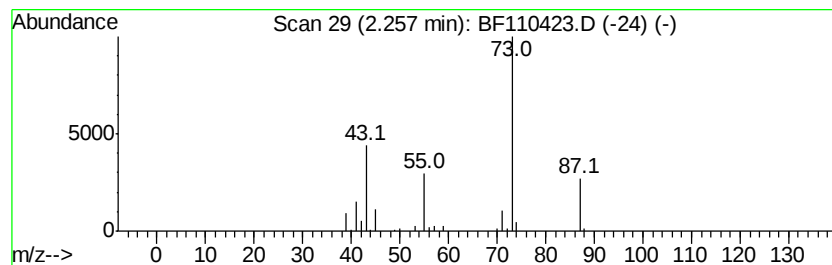
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	3.35 ng	89604	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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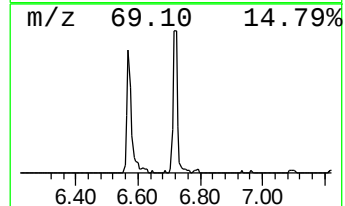
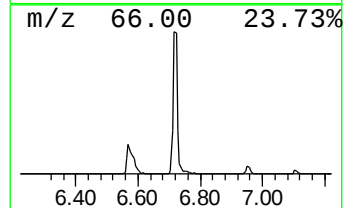
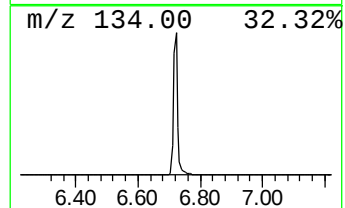
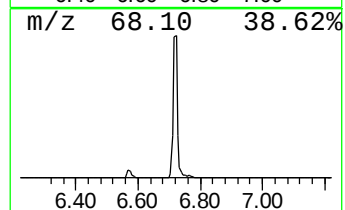
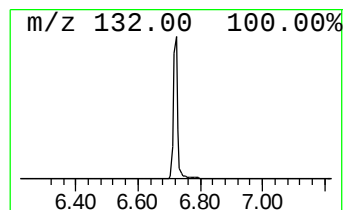
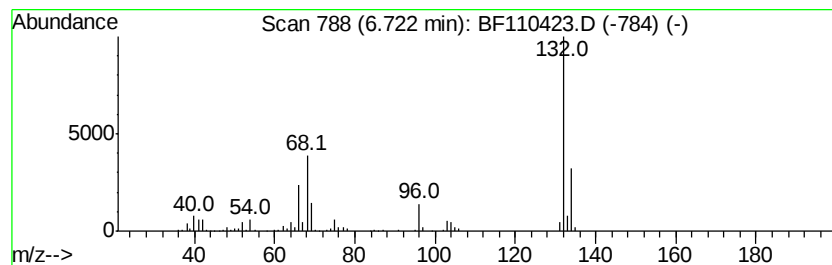
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.72 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	14.46 ng	387066	1,4-Dichlorobenzene-d4	6.95

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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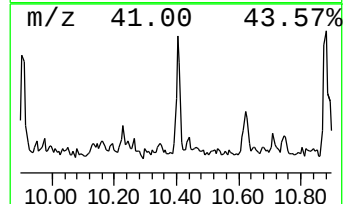
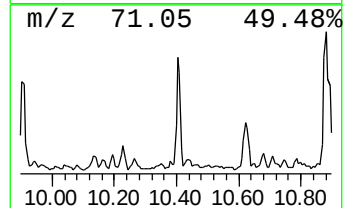
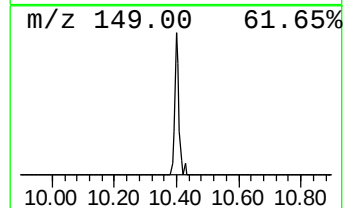
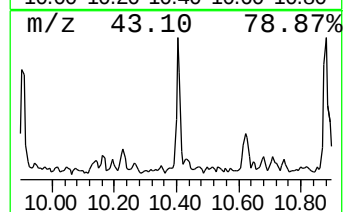
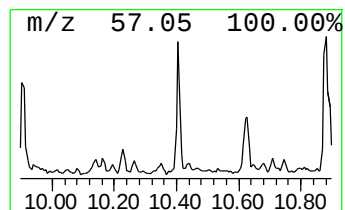
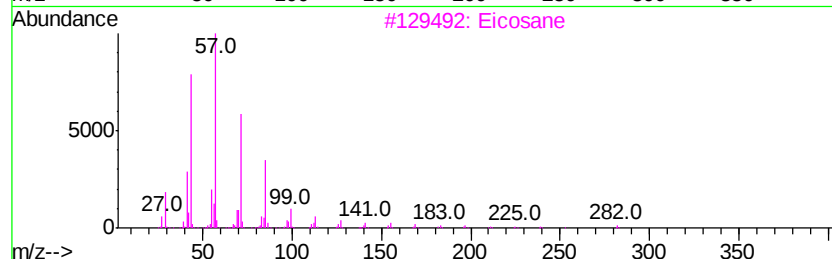
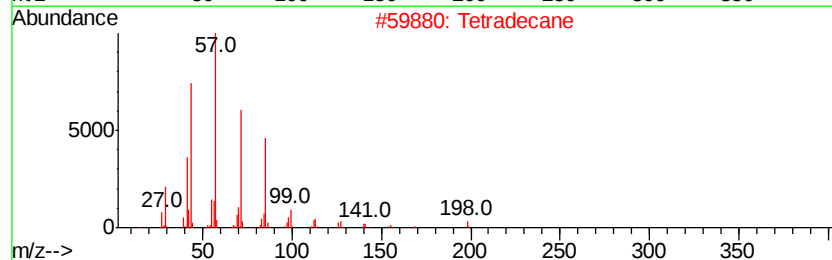
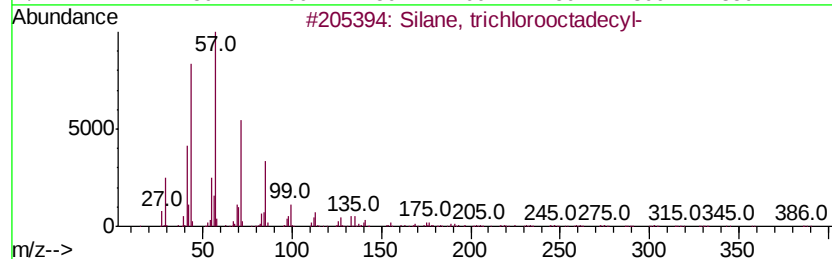
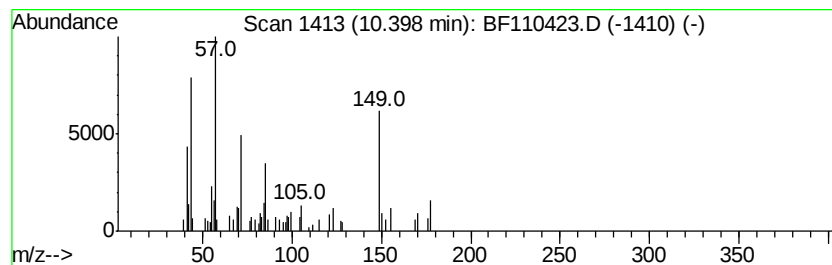
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Silane, trichlorooctadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.38 ng	80797	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Eicosane	282	C20H42	000112-95-8	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Pentadecane	212	C15H32	000629-62-9	72



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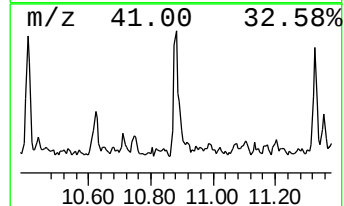
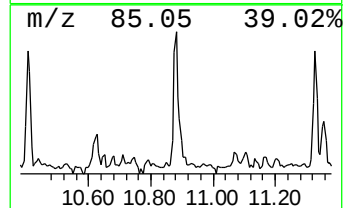
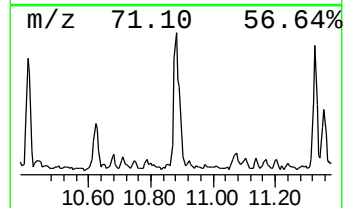
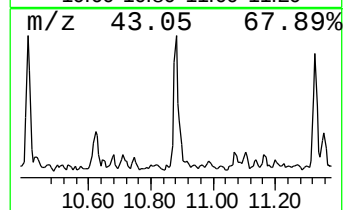
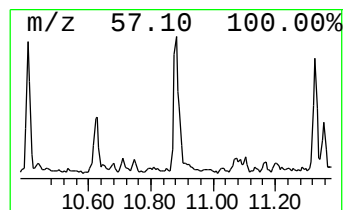
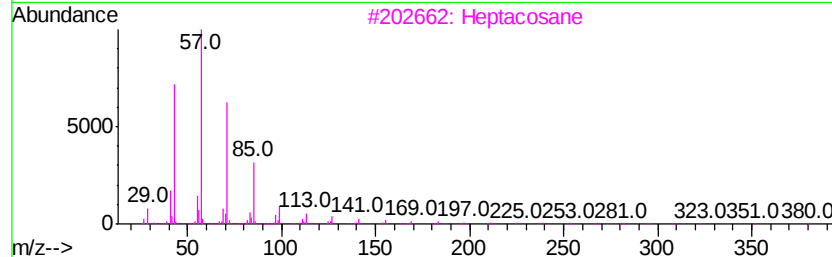
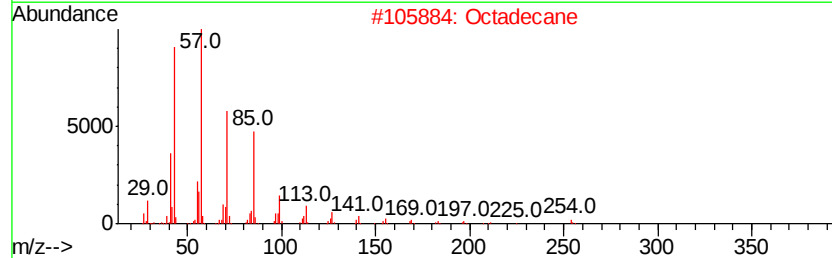
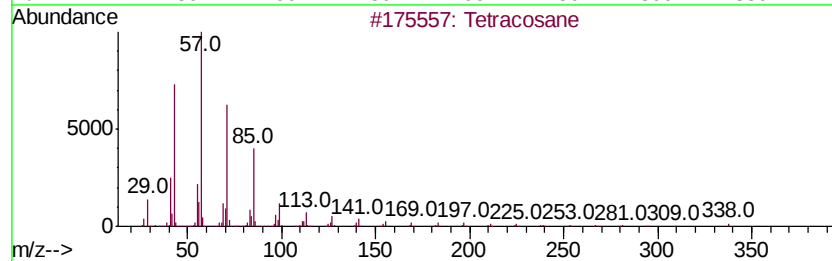
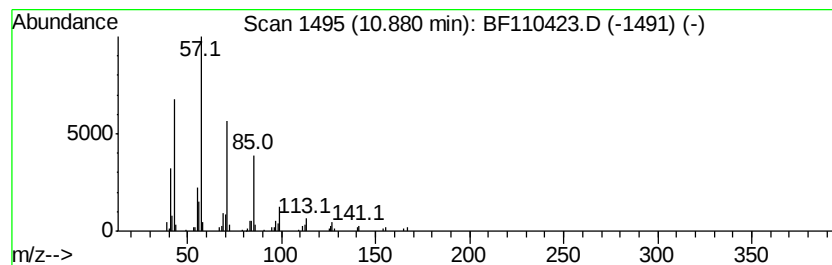
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.55 ng	133940	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hexadecane	226	C16H34	000544-76-3	90



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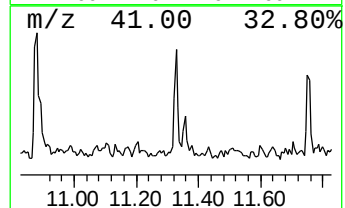
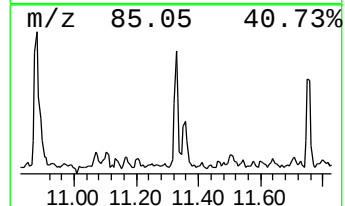
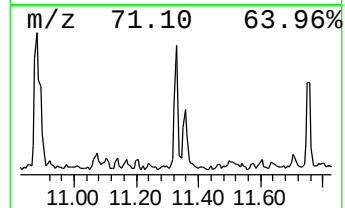
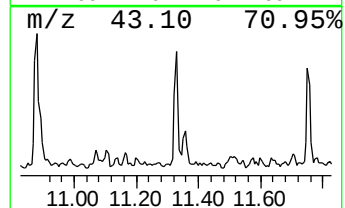
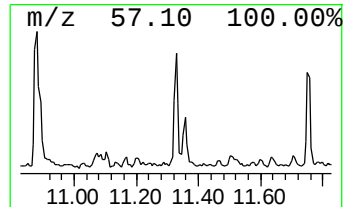
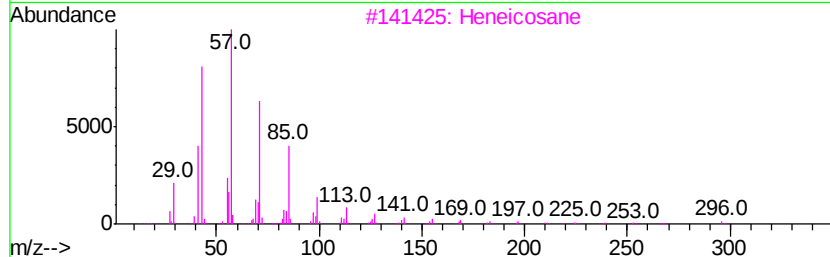
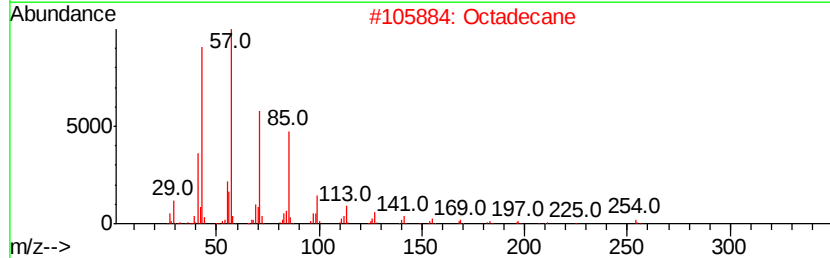
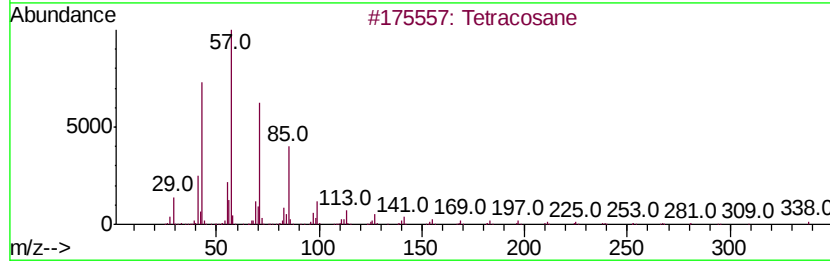
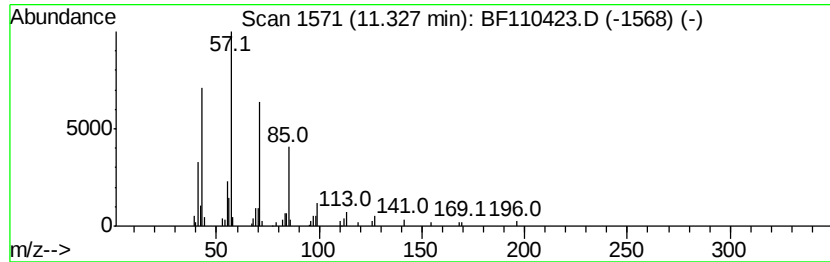
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.13 ng	62686	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heptadecane	240	C17H36	000629-78-7	90



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CL-02-110118-B

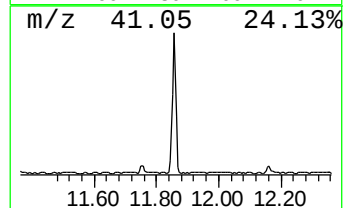
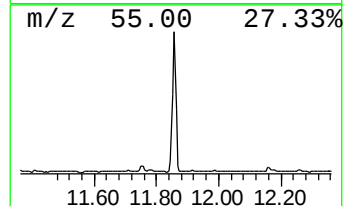
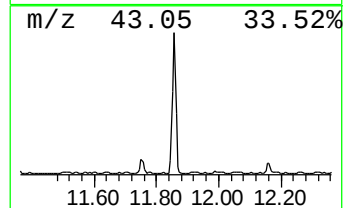
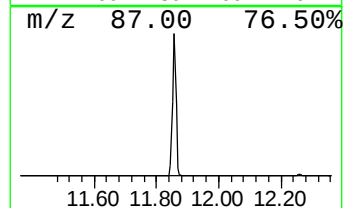
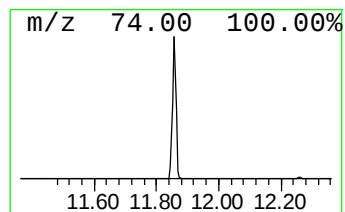
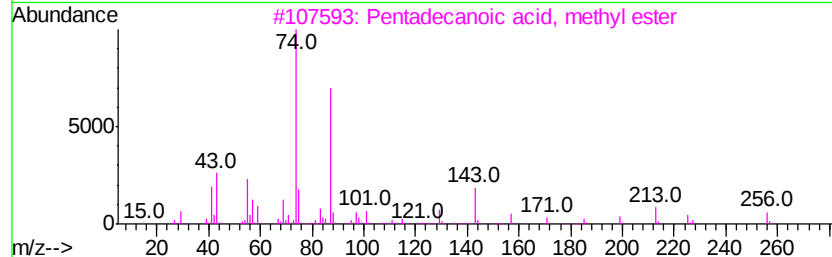
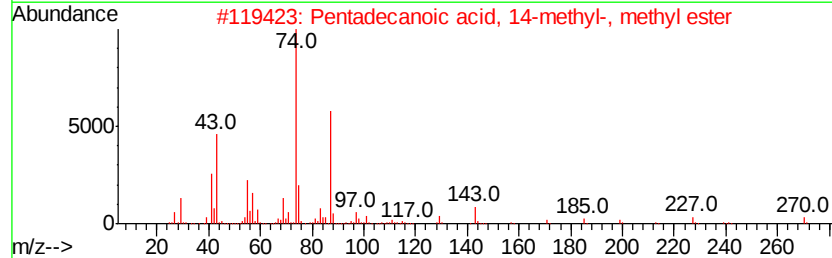
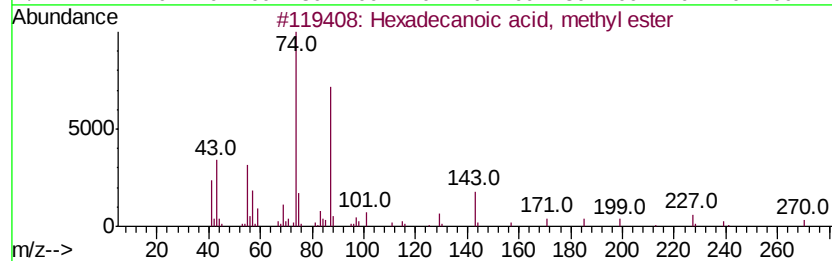
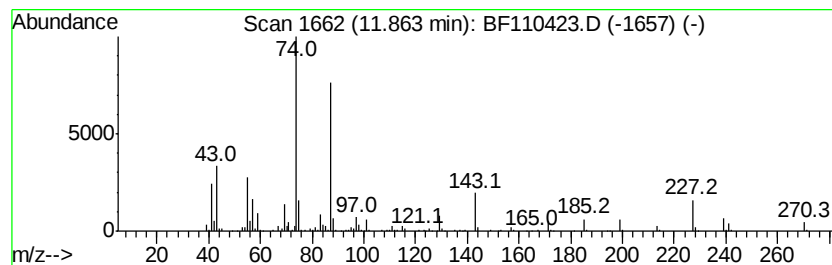
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	35.32 ng	1040360	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
Sample : J5767-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

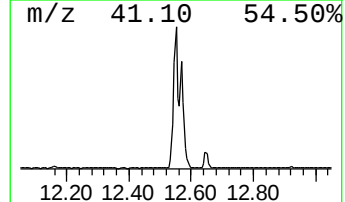
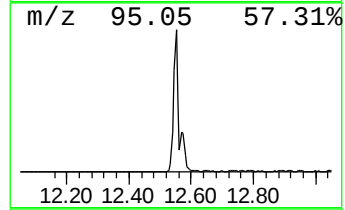
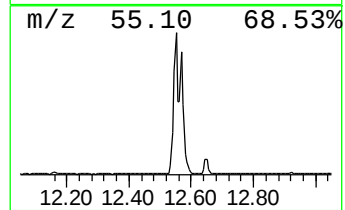
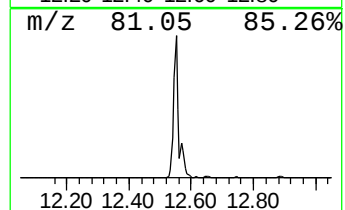
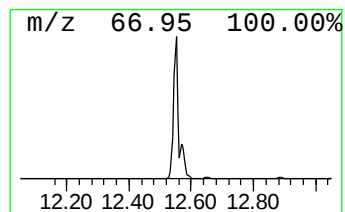
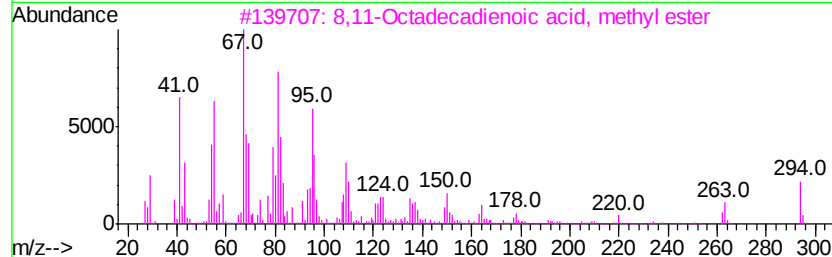
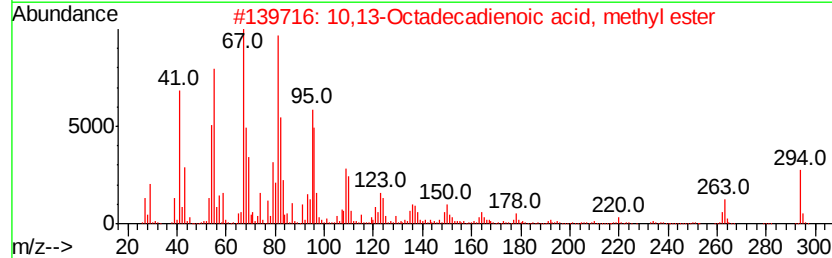
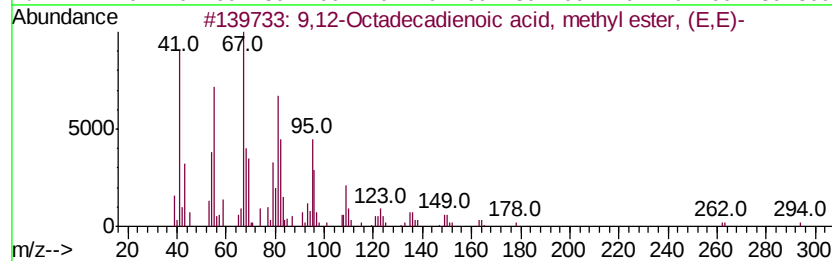
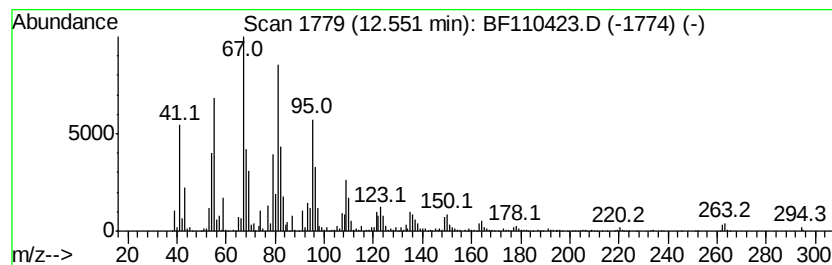
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ClientSampleId :
CL-02-110118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.55	145.72 ng	4292630	Phenanthrene-d10	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
3	8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	99	
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
Sample : J5767-03 5X
Misc :
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Instrument :
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ClientSampleId :
CL-02-110118-B

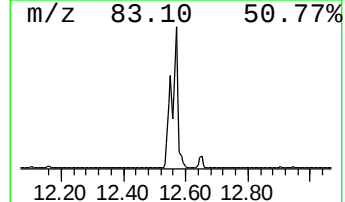
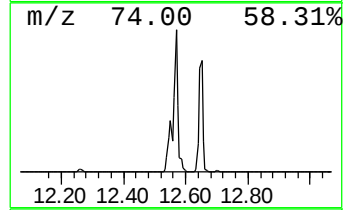
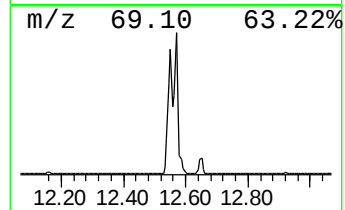
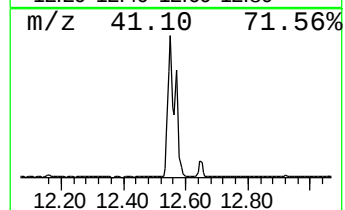
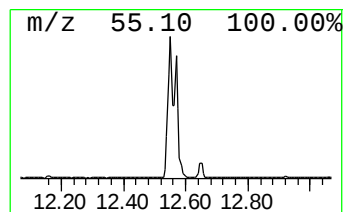
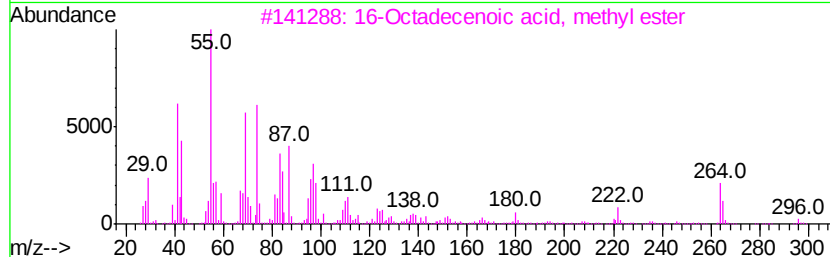
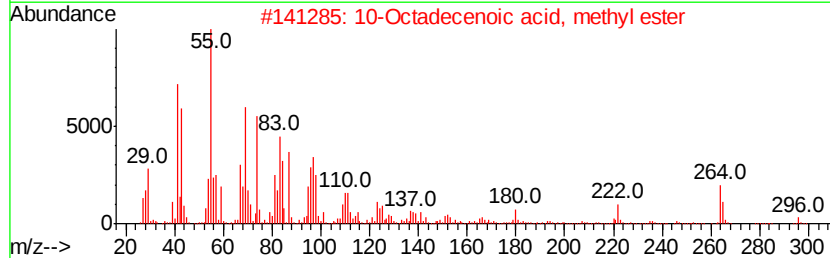
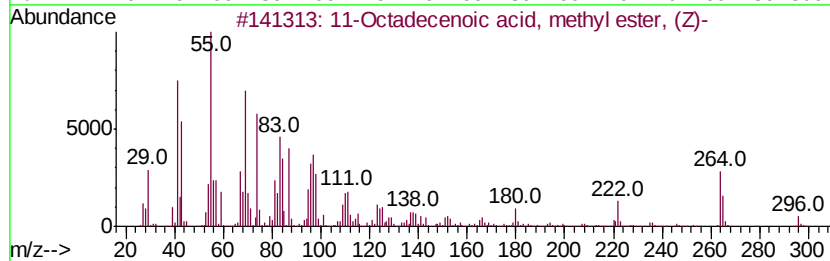
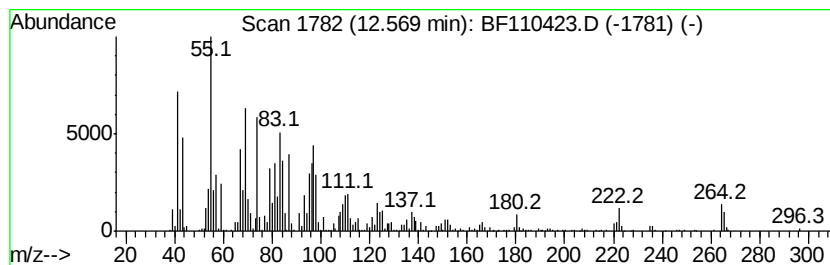
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	68.15 ng	2007570	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
Sample : J5767-03 5X
Misc :
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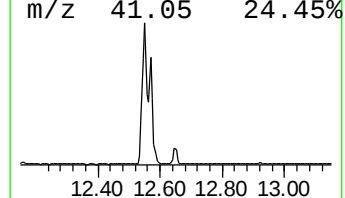
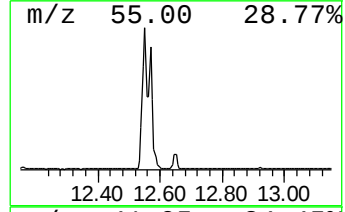
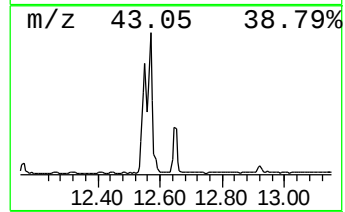
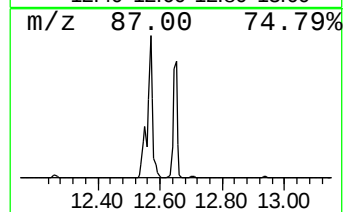
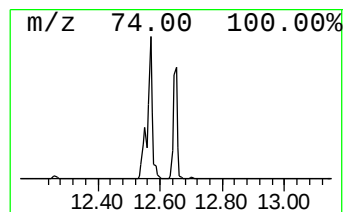
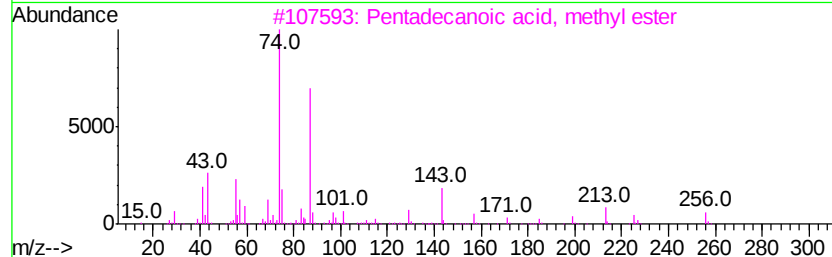
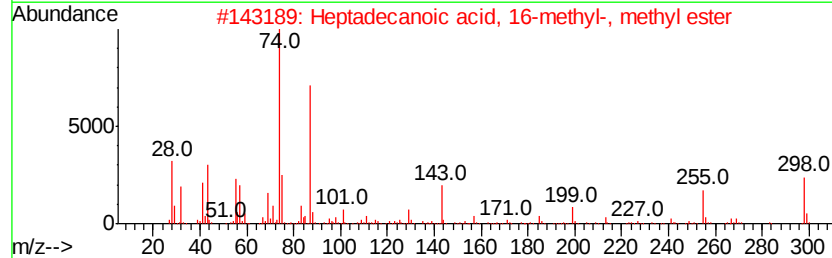
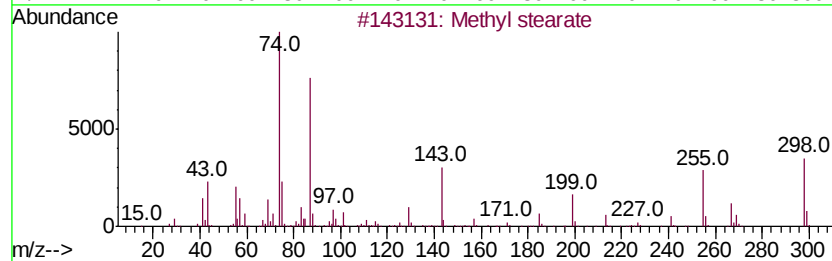
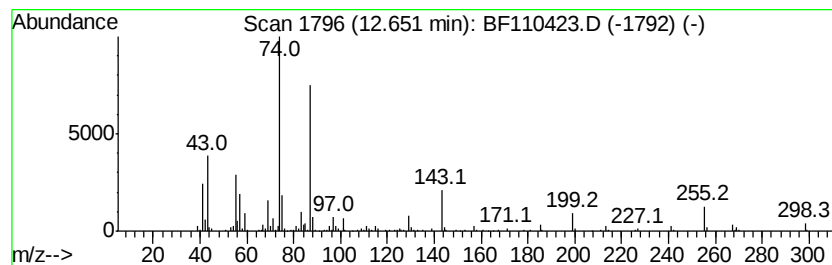
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	14.20 ng	418436	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 91
3		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 87
4		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 87
5		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
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ALS Vial : 12 Sample Multiplier: 1

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CL-02-110118-B

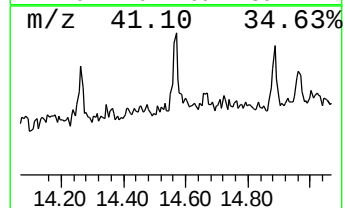
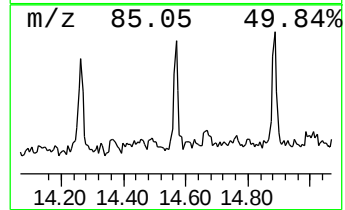
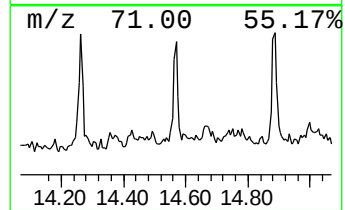
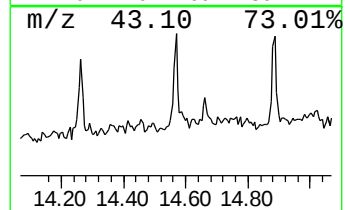
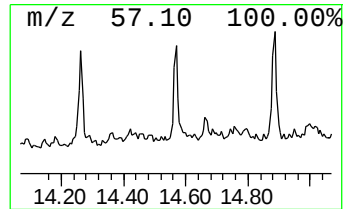
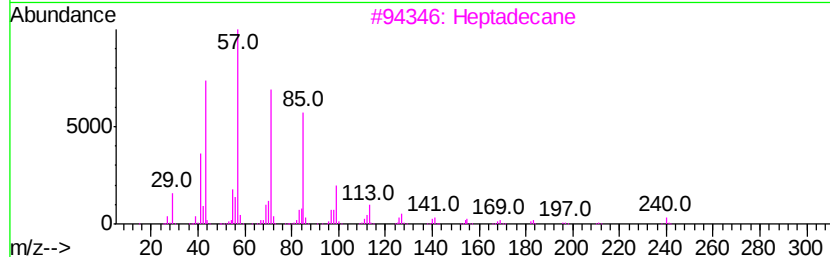
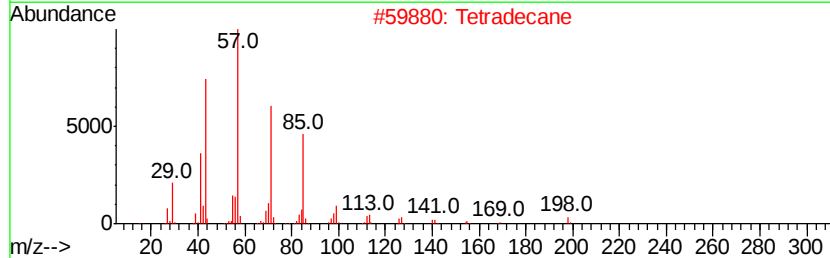
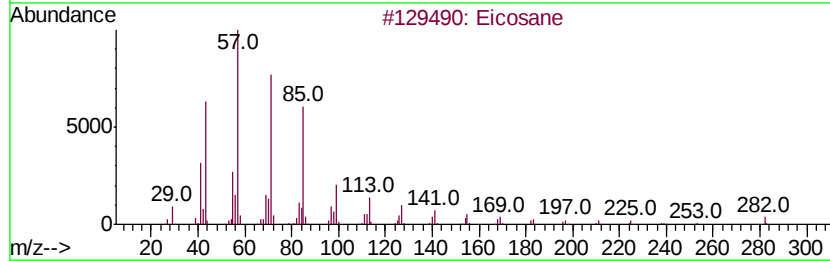
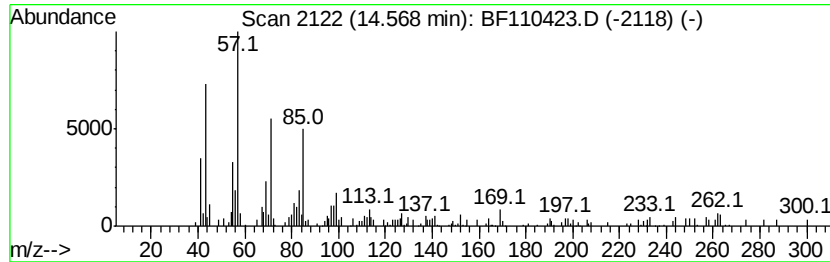
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.14 ng	92620	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetradecane	198	C14H30	000629-59-4	58
3		Heptadecane	240	C17H36	000629-78-7	52
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	52
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
Sample : J5767-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

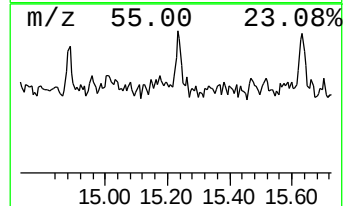
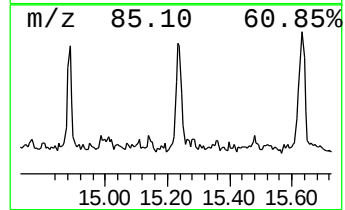
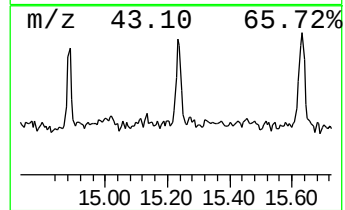
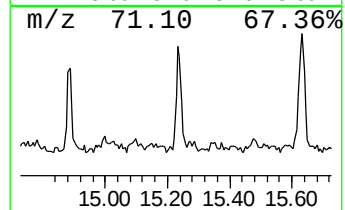
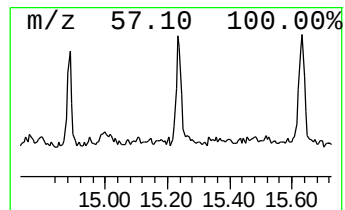
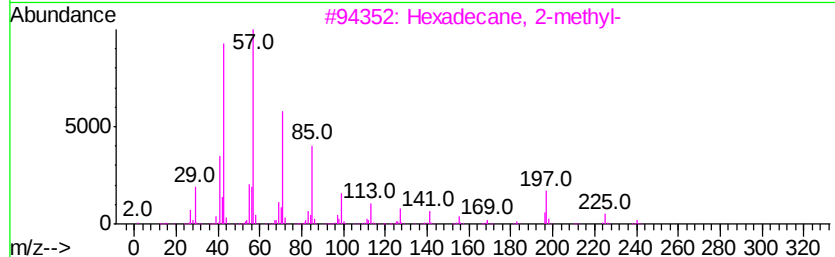
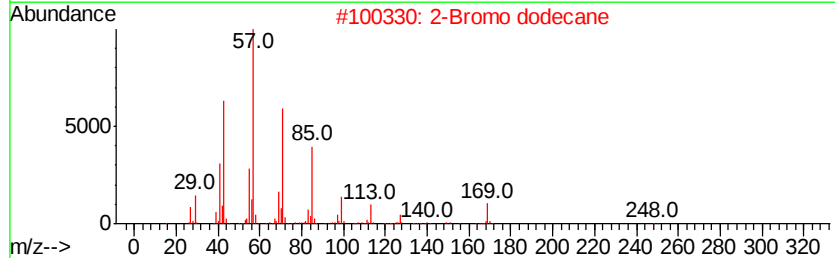
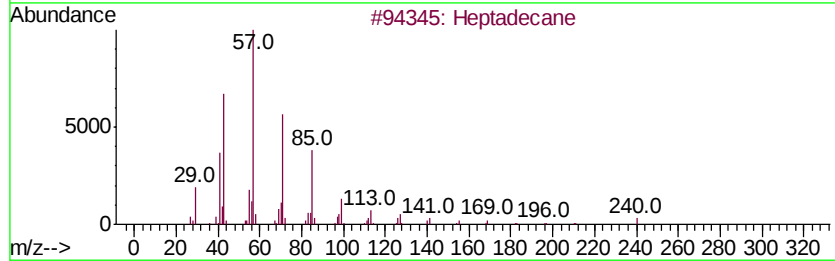
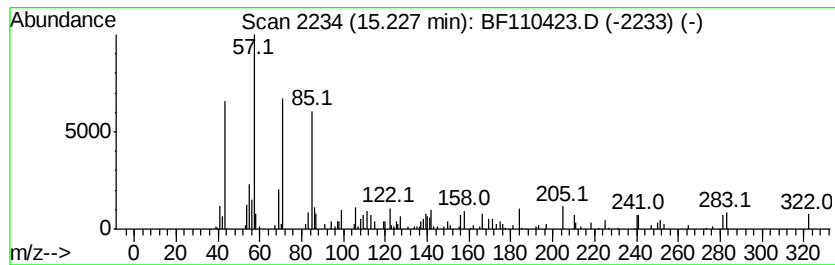
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.23	3.50 ng	80320	Perylene-d12	15.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
Sample : J5767-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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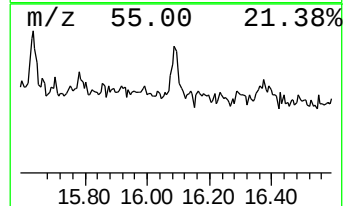
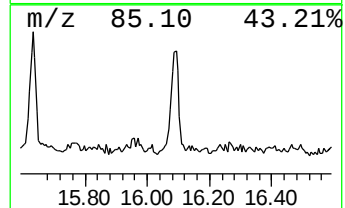
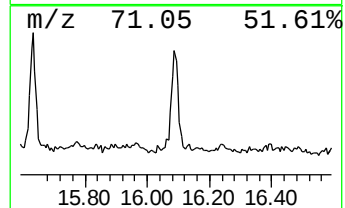
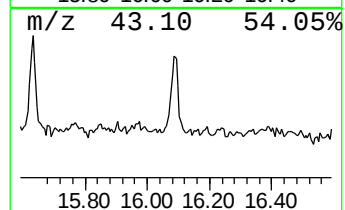
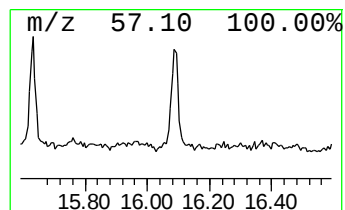
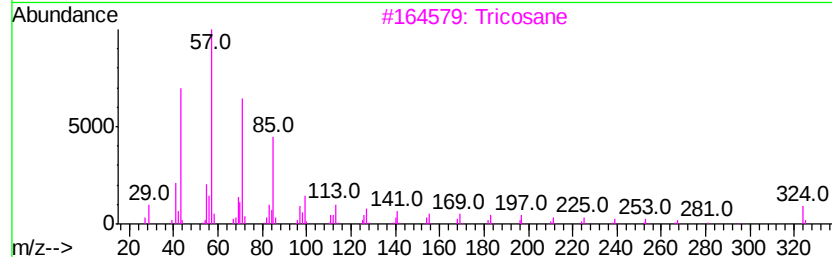
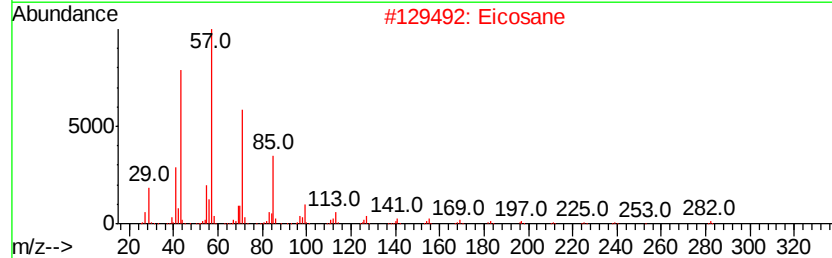
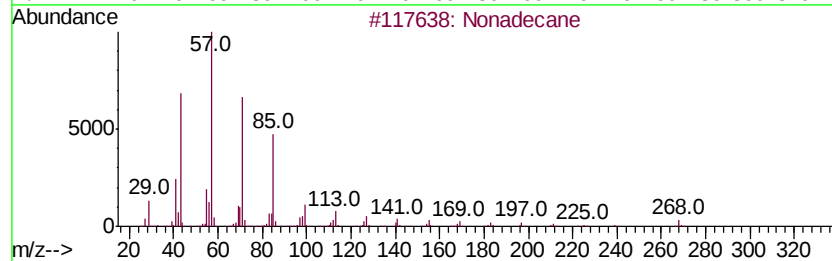
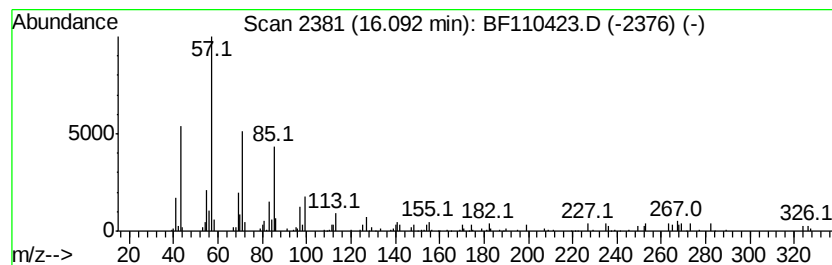
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.75 ng	109136	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Eicosane	282	C20H42	000112-95-8	87
3			Tricosane	324	C23H48	000638-67-5	83
4			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
5			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110423.D
Acq On : 2 Nov 2018 20:29
Operator : JU/SJ
Sample : J5767-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-B

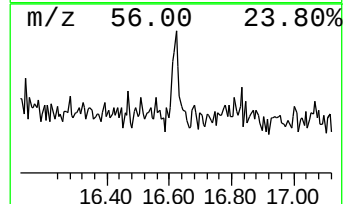
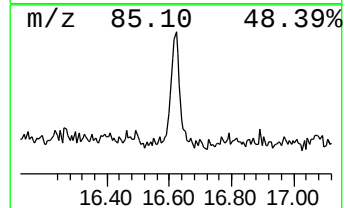
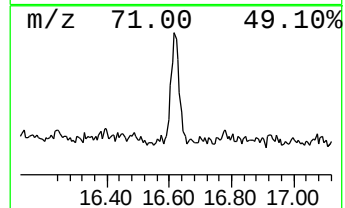
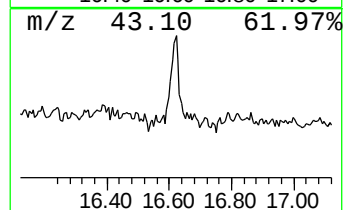
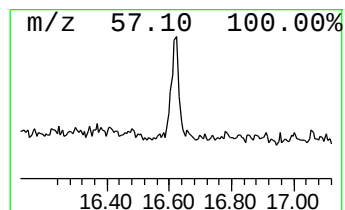
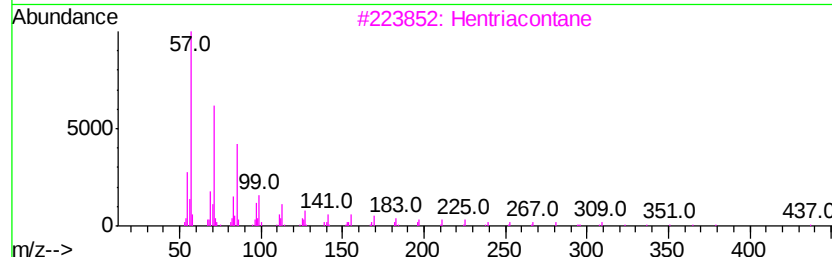
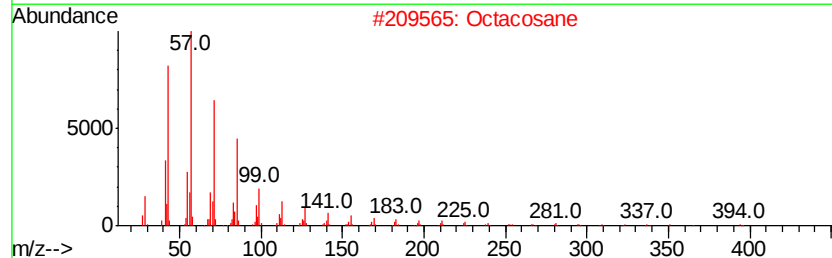
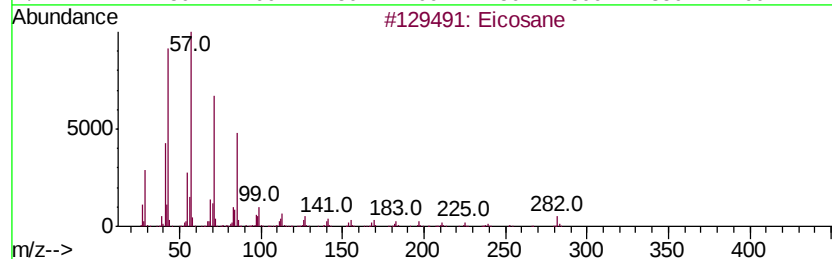
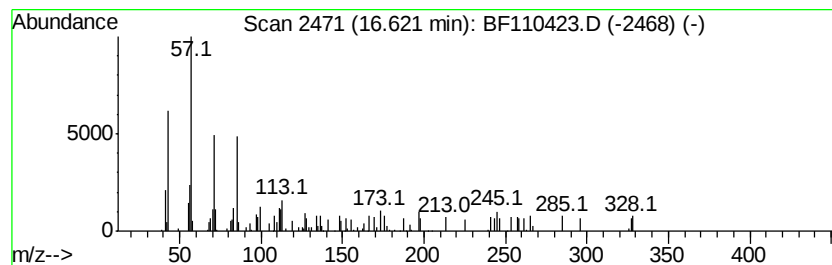
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.47 ng	79671	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	55
2			Octacosane	394	C28H58	000630-02-4	49
3			Hentriacontane	437	C31H64	000630-04-6	49
4			Pentacosane	352	C25H52	000629-99-2	49
5			Heneicosane	296	C21H44	000629-94-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
 Data File : BF110423.D
 Acq On : 2 Nov 2018 20:29
 Operator : JU/SJ
 Sample : J5767-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	3.4	ng	89604	1	6.95	535209	20.0
unknown6.72	6.72	14.5	ng	387066	1	6.95	535209	20.0
Silane, trichloro...	10.40	2.4	ng	80797	3	10.00	678519	20.0
Tetracosane	10.88	4.5	ng	133940	4	11.49	589174	20.0
Octadecane	11.33	2.1	ng	62686	4	11.49	589174	20.0
Hexadecanoic acid...	11.86	35.3	ng	1040360	4	11.49	589174	20.0
9,12-Octadecadien...	12.55	145.7	ng	4292630	4	11.49	589174	20.0
11-Octadecenoic a...	12.57	68.2	ng	2007570	4	11.49	589174	20.0
Methyl stearate	12.65	14.2	ng	418436	4	11.49	589174	20.0
Eicosane	14.57	3.1	ng	92620	5	14.13	590417	20.0
Heptadecane	15.23	3.5	ng	80320	6	15.66	459111	20.0
Nonadecane	16.09	4.8	ng	109136	6	15.66	459111	20.0
unknown16.62	16.62	3.5	ng	79671	6	15.66	459111	20.0