

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107387.D
 Acq On : 14 Jul 2018 1:22
 Operator : JU/SJ
 Sample : J3970-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-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-BF061918.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	5.154	477	479	491	rBV	11697	16471	1.04%	0.201%
2	5.566	546	549	569	rBV	273395	361684	22.91%	4.410%
3	6.578	718	721	739	rBV2	183206	255580	16.19%	3.116%
4	6.707	739	743	752	rBV	601016	615229	38.98%	7.501%
5	6.925	777	780	788	rBV	252767	220260	13.95%	2.686%
6	7.084	803	807	818	rBV	974586	869173	55.07%	10.598%
7	7.495	873	877	895	rBV	640489	641314	40.63%	7.820%
8	8.213	995	999	1023	rBV	223192	240213	15.22%	2.929%
9	9.289	1178	1182	1198	rBV	1146214	1207034	76.47%	14.717%
10	9.683	1246	1249	1256	rBV	58042	58389	3.70%	0.712%
11	9.977	1296	1299	1310	rVB	267667	259601	16.45%	3.165%
12	10.636	1408	1411	1419	rBB	79512	69444	4.40%	0.847%
13	10.777	1431	1435	1446	rBV	454874	512915	32.50%	6.254%
14	11.472	1550	1553	1567	rBB	292813	311817	19.76%	3.802%
15	13.060	1818	1823	1826	rBV	1618806	1578413	100.00%	19.245%
16	13.260	1852	1857	1860	rBV	18187	17361	1.10%	0.212%
17	13.601	1911	1915	1918	rBV	37254	32729	2.07%	0.399%
18	13.930	1967	1971	1973	rBV	44555	40861	2.59%	0.498%
19	13.954	1973	1975	1983	rVB3	20964	31184	1.98%	0.380%
20	14.130	2001	2005	2012	rBV	358436	327519	20.75%	3.993%
21	14.248	2019	2025	2027	rBV	80111	100979	6.40%	1.231%
22	14.554	2073	2077	2081	rVB	63236	57515	3.64%	0.701%
23	14.865	2127	2130	2136	rVB	56383	55924	3.54%	0.682%
24	15.218	2185	2190	2193	rBV	39577	47145	2.99%	0.575%
25	15.612	2253	2257	2262	rBV	31229	37394	2.37%	0.456%
26	15.671	2262	2267	2273	rBV	136836	207479	13.14%	2.530%
27	16.065	2329	2334	2339	rBV	18694	27843	1.76%	0.339%

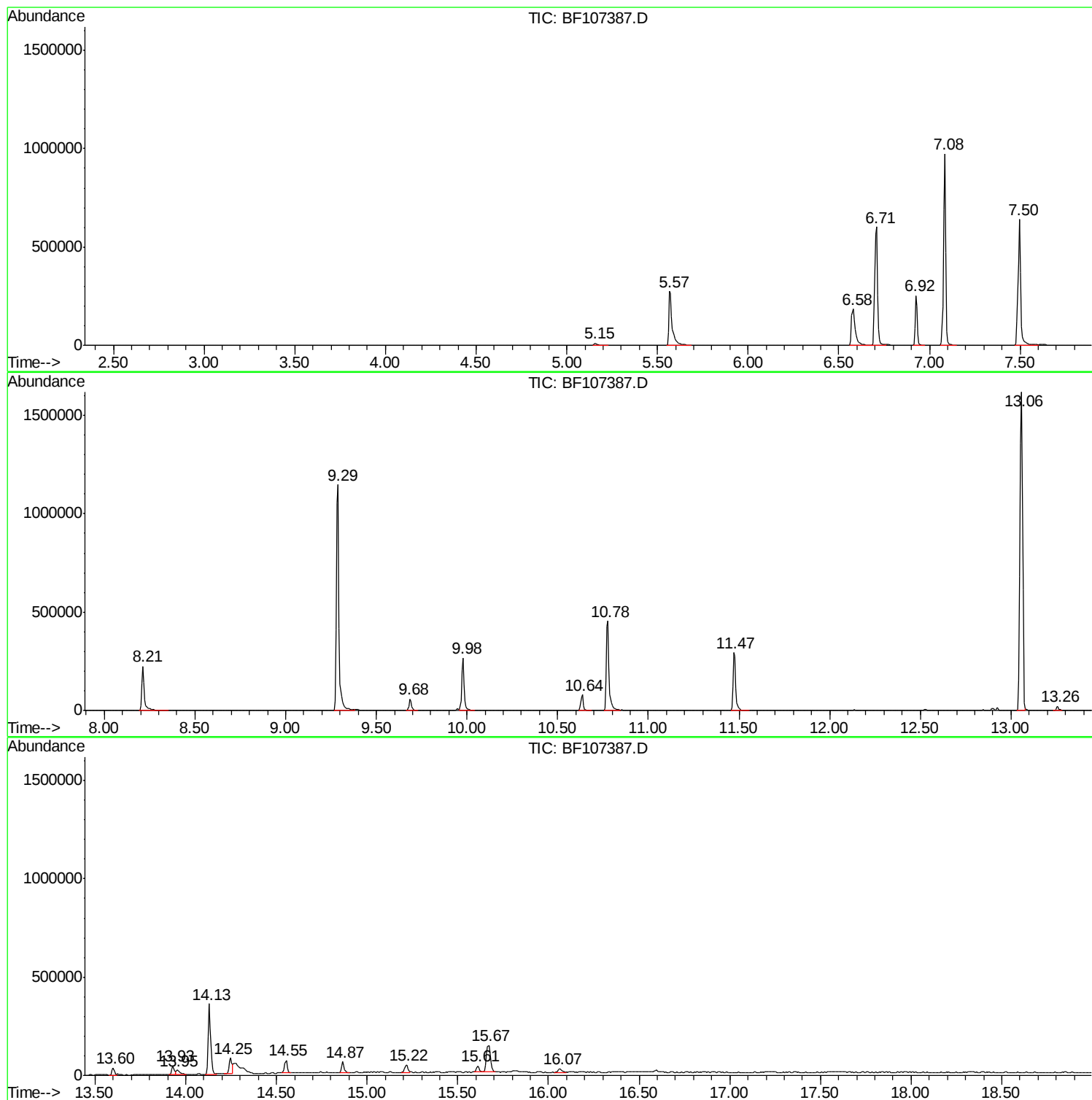
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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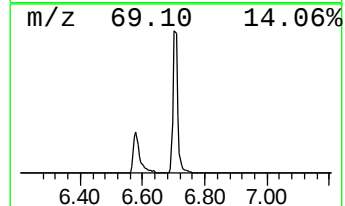
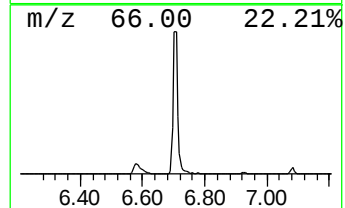
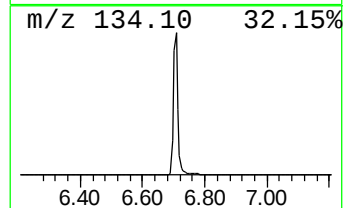
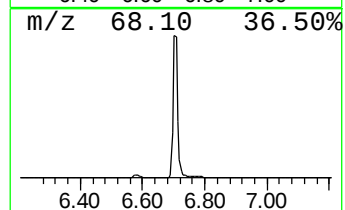
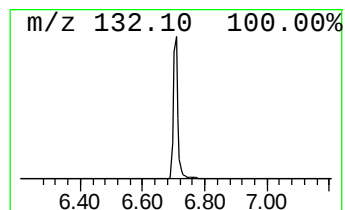
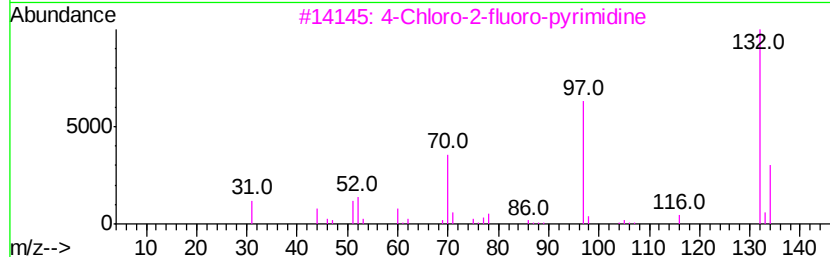
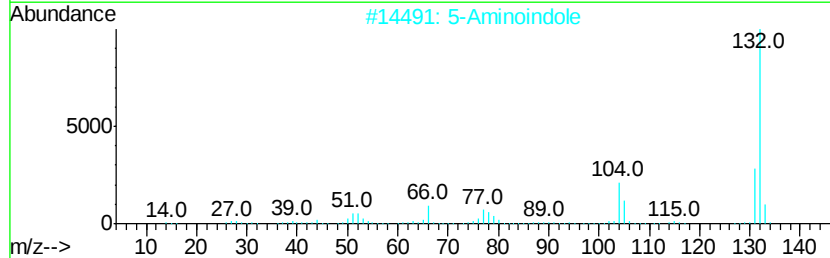
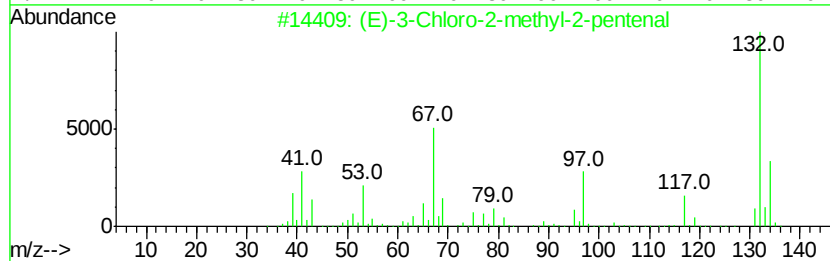
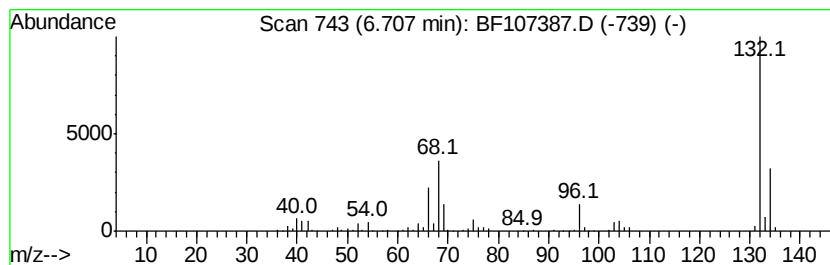
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	55.86 ng	615229	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	25
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	9
5	4-Chloro-6-fluoro-pyrimidine			132	C4H2ClFN2	051422-01-6	9



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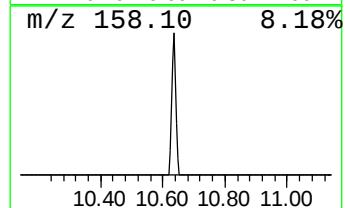
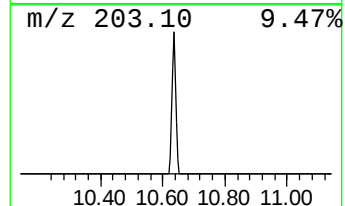
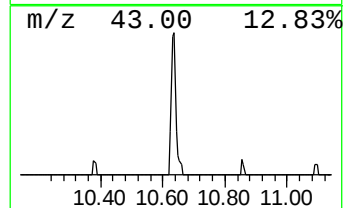
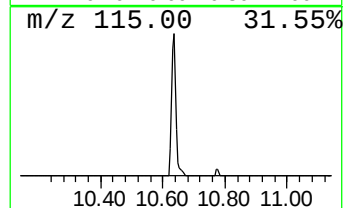
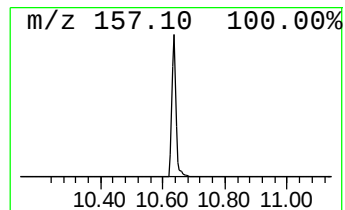
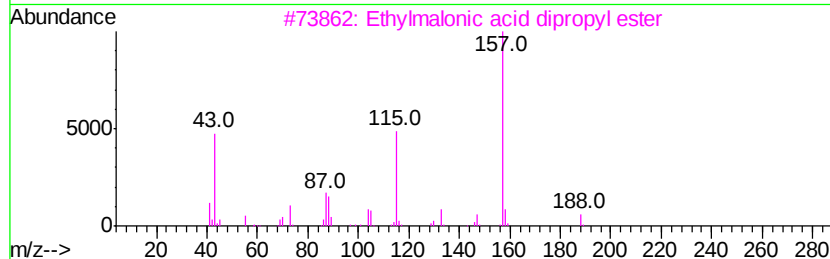
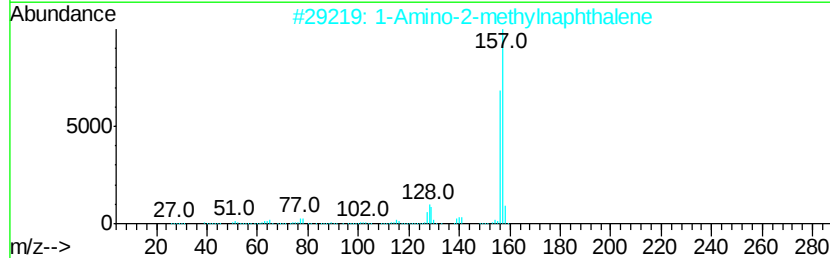
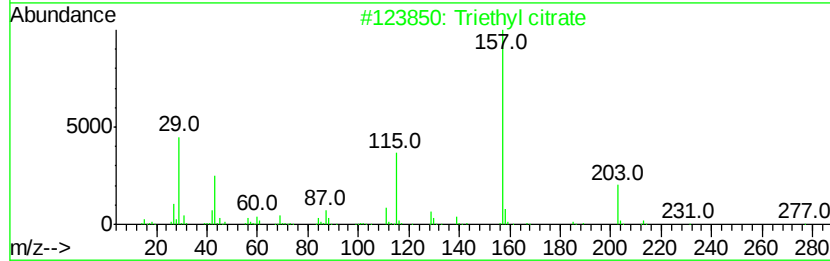
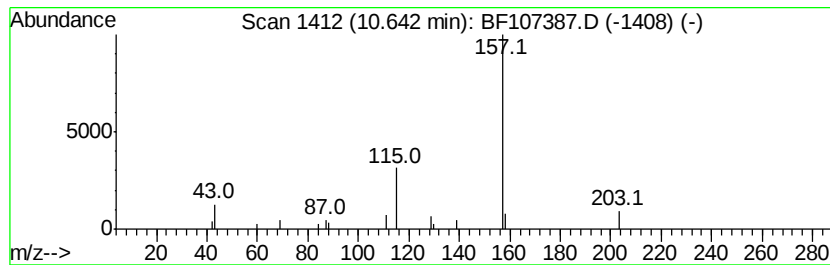
Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.35 ng	69444	Acenaphthene-d10	9.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triethyl citrate	276 C12H20O7	000077-93-0 78
2		1-Amino-2-methylnaphthalene	157 C11H11N	002246-44-8 40
3		Ethylmalonic acid dipropyl ester	216 C11H20O4	001113-91-3 38
4		3-Chloro2-fluorobenzoic acid, 3-...	370 C21H32ClF02	1000338-64-6 36
5		Piperazine-1-carboxylic acid, 4-...	362 C14H19ClN2O5S	1000303-80-2 33



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Instrument :
BNA_F
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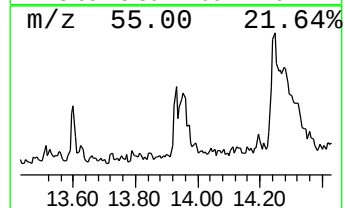
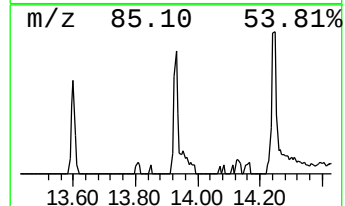
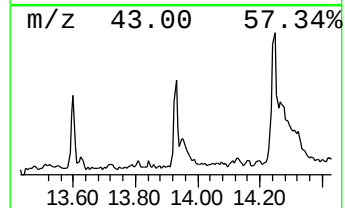
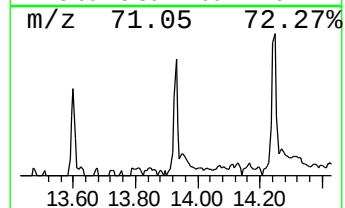
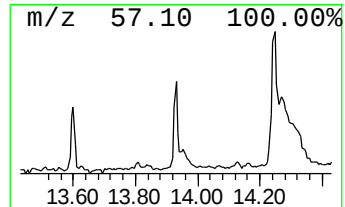
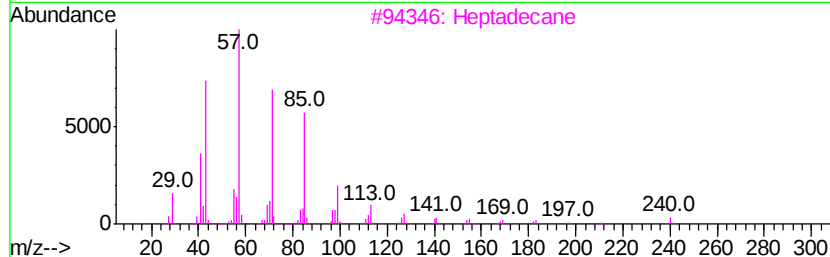
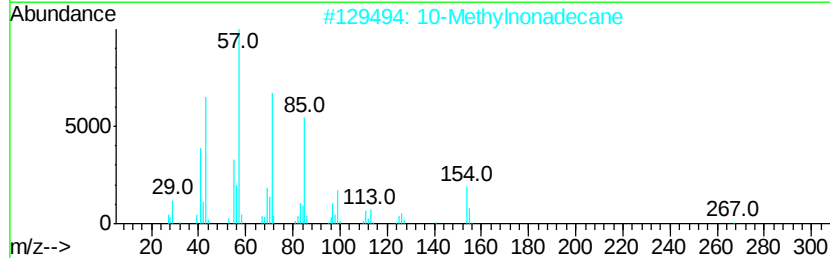
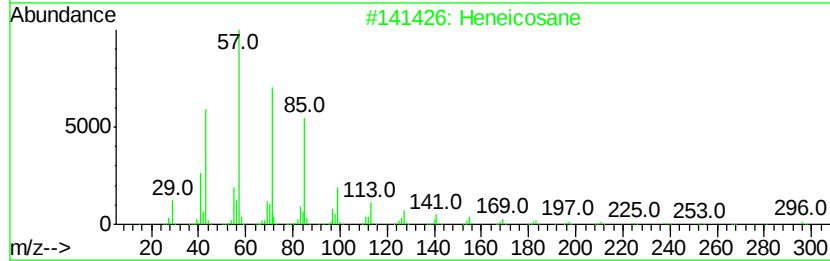
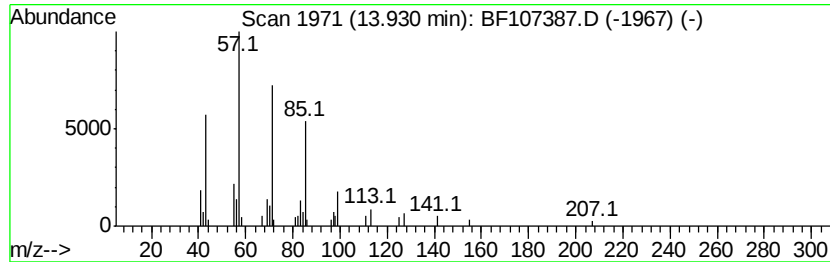
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.50 ng	40861	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		10-Methylnonadecane	282	C20H42	056862-62-5	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Octadecane	254	C18H38	000593-45-3	86
5		Docosane	310	C22H46	000629-97-0	86



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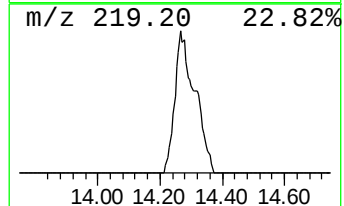
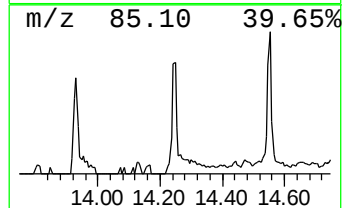
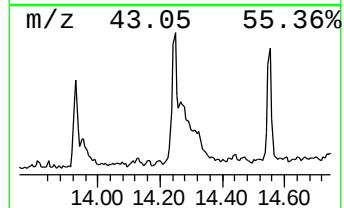
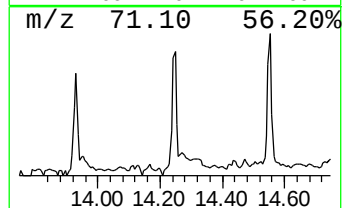
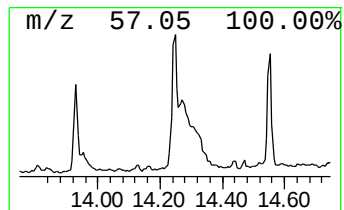
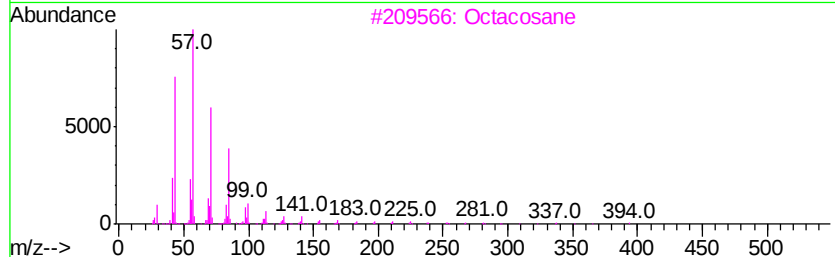
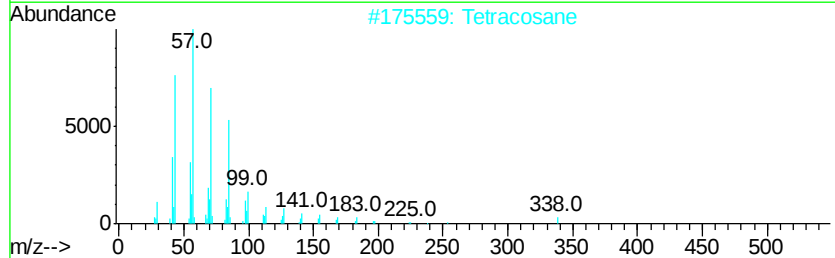
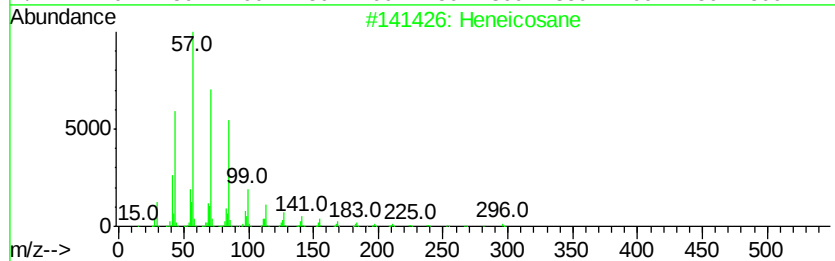
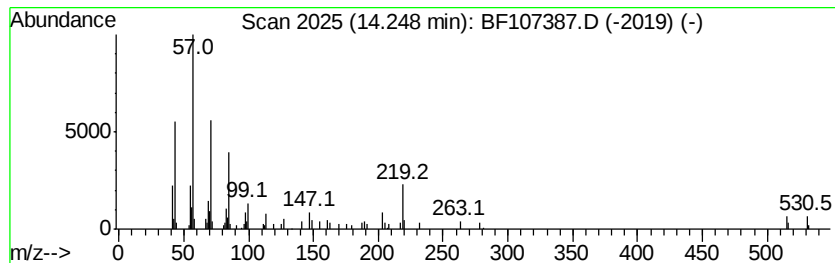
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecane, 5,14-dibutyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.25	6.17 ng	100979	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	60
2	Tetracosane	338	C24H50	000646-31-1	60
3	Octacosane	394	C28H58	000630-02-4	60
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	53
5	Heptacosane	380	C27H56	000593-49-7	53



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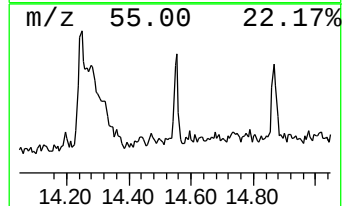
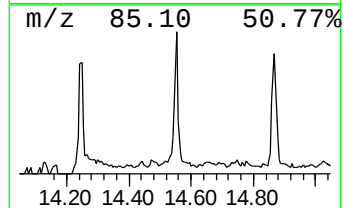
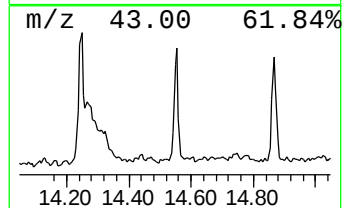
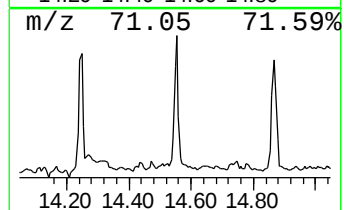
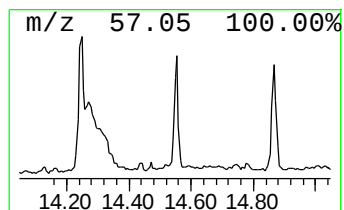
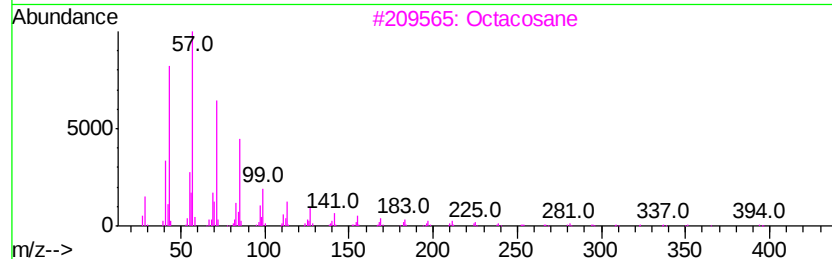
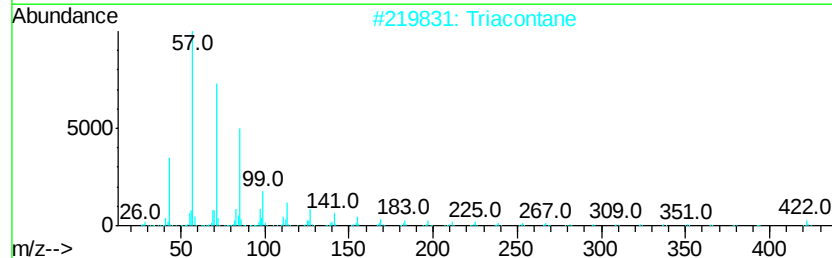
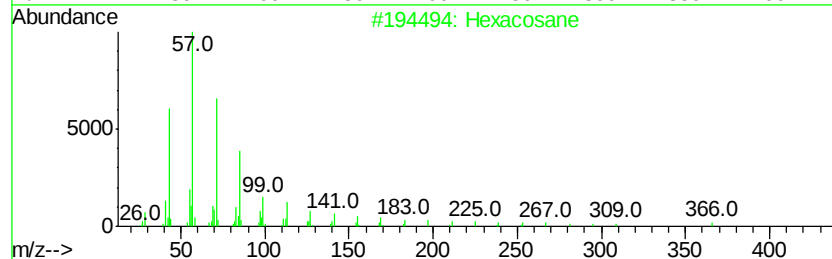
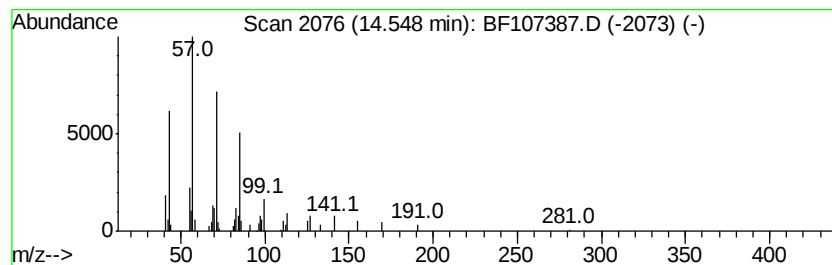
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.51 ng	57515	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Triacotane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane	310	C22H46	000629-97-0	90



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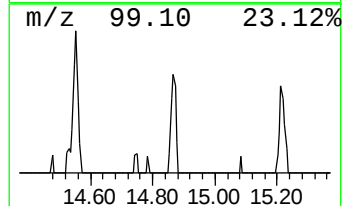
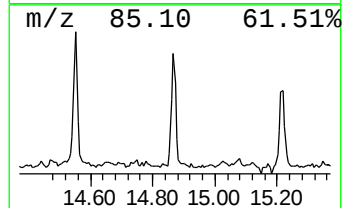
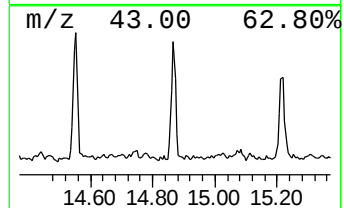
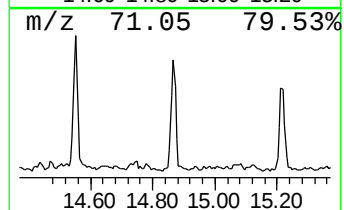
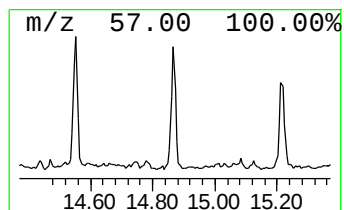
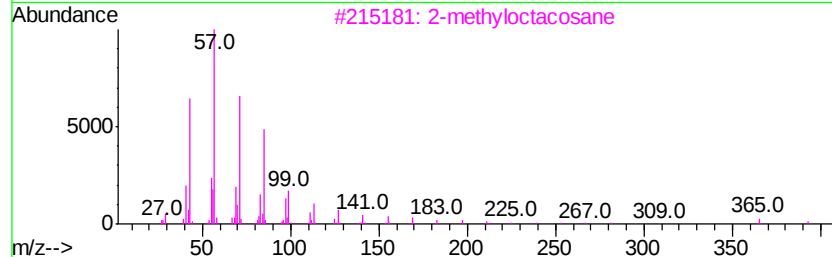
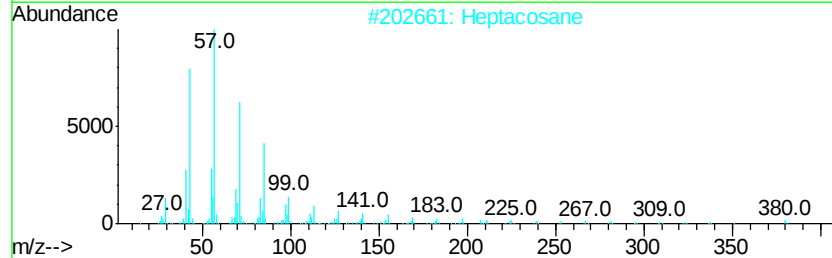
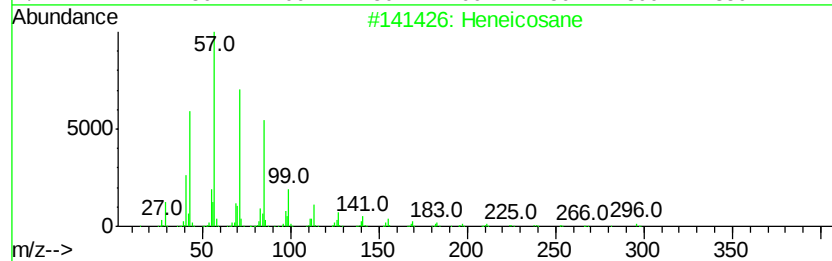
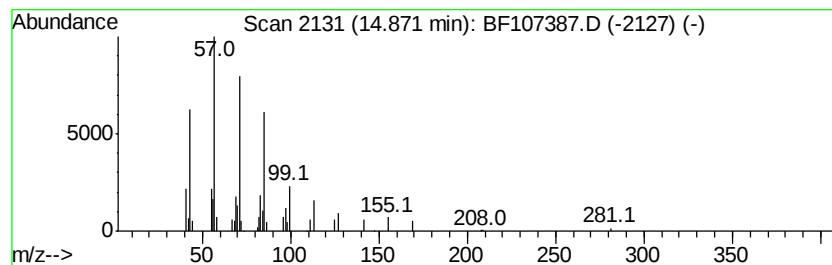
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.42 ng	55924	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Docosane		310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107387.D
Acq On : 14 Jul 2018 1:22
Operator : JU/SJ
Sample : J3970-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
071118-DBRI-F-D-B

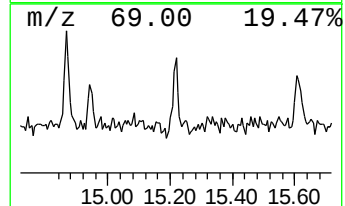
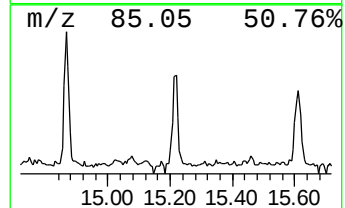
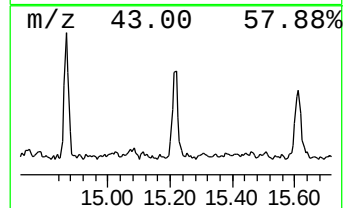
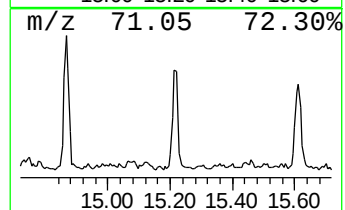
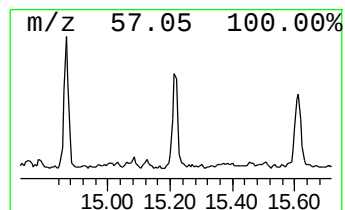
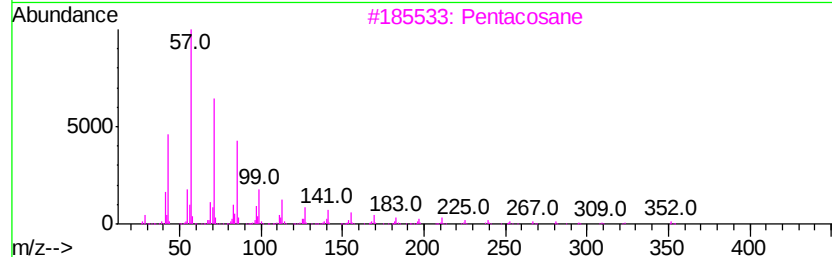
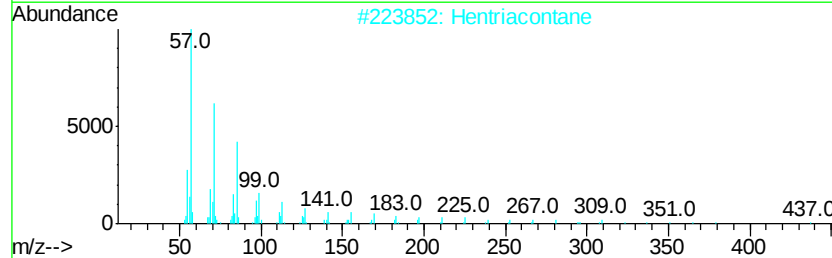
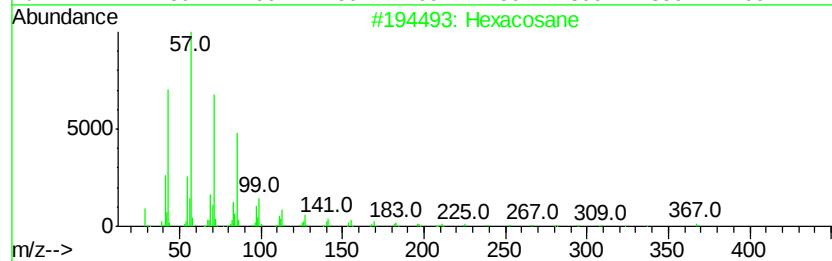
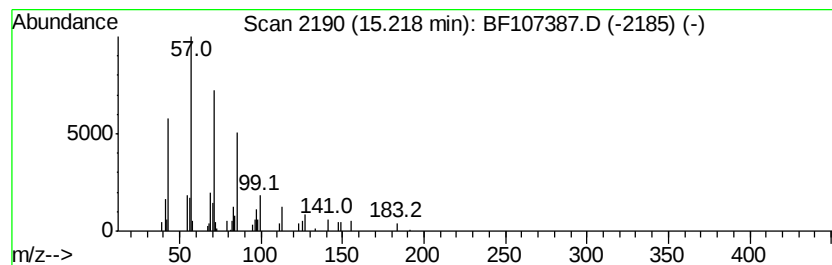
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	4.54 ng	47145	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107387.D
Acq On : 14 Jul 2018 1:22
Operator : JU/SJ
Sample : J3970-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
071118-DBRI-F-D-B

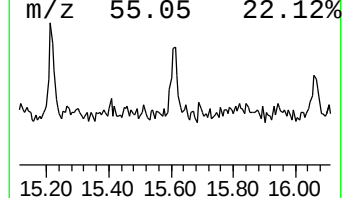
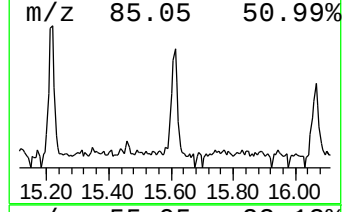
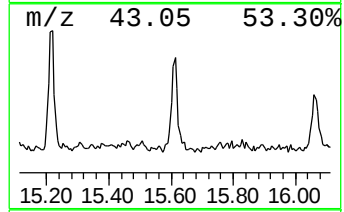
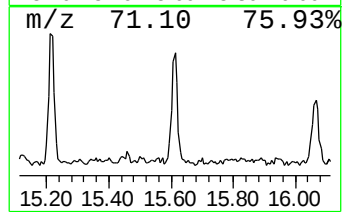
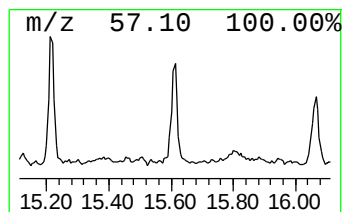
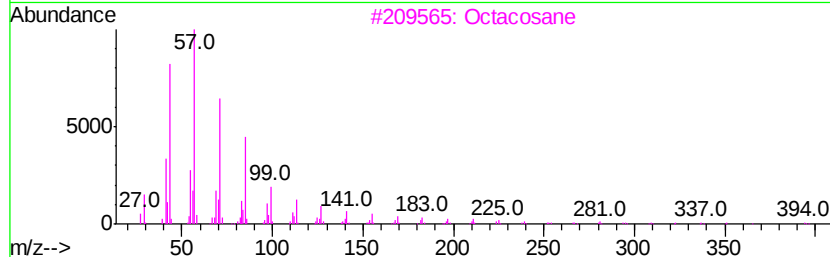
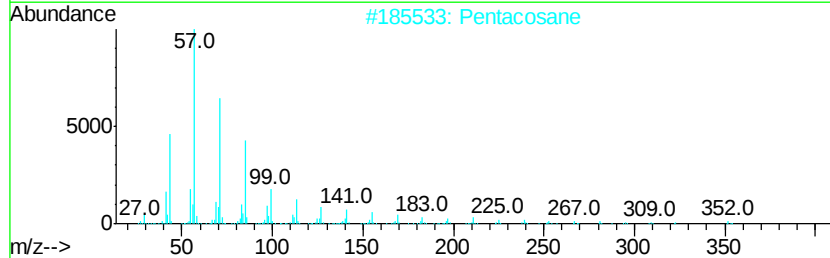
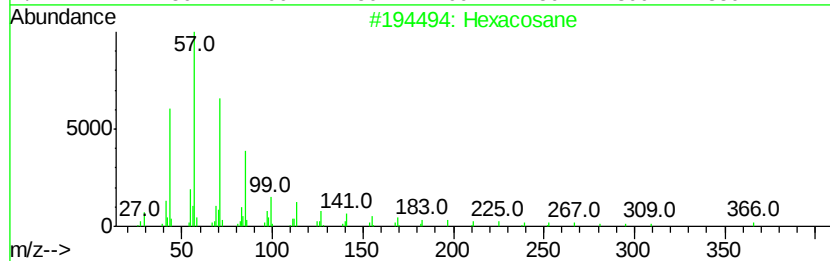
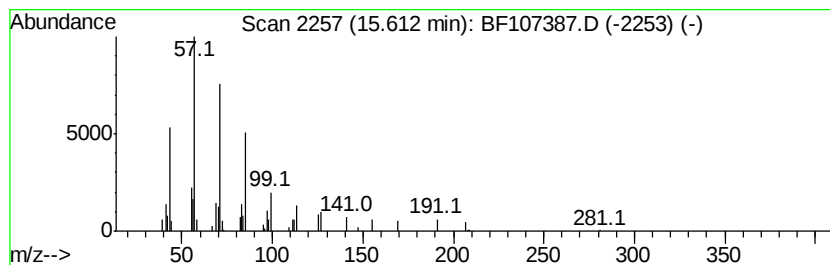
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.60 ng	37394	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Octacosane	394	C28H58	000630-02-4	91
4		triacontane	422	C30H62	000638-68-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107387.D
Acq On : 14 Jul 2018 1:22
Operator : JU/SJ
Sample : J3970-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-D-B

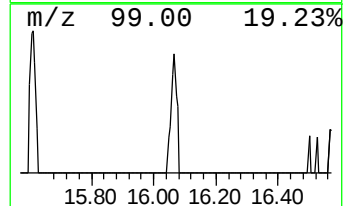
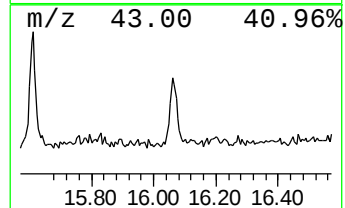
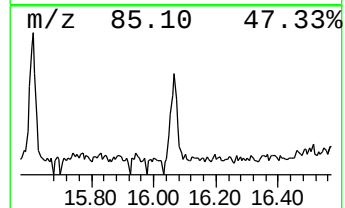
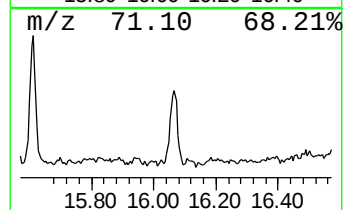
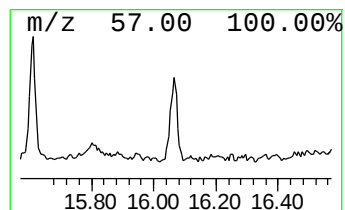
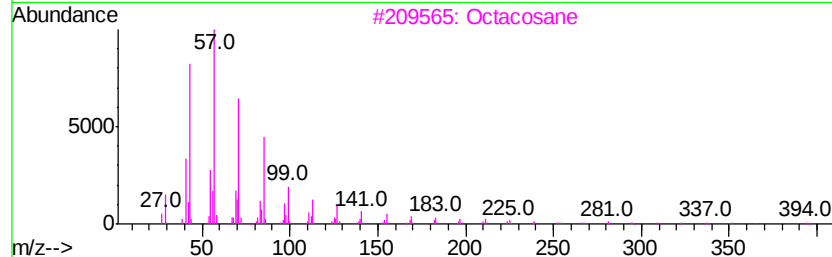
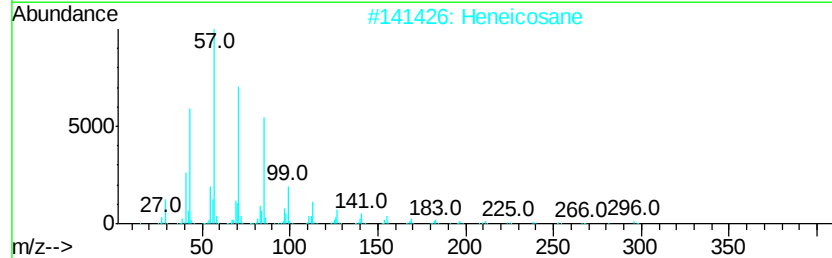
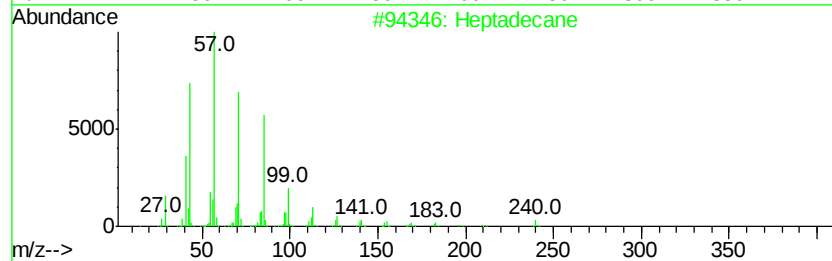
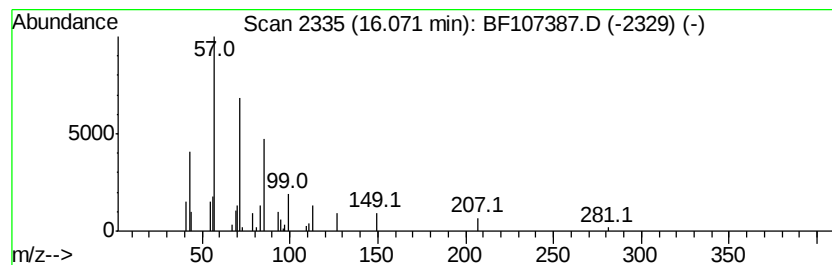
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.68 ng	27843	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	80
2		Heneicosane	296	C21H44	000629-94-7	80
3		Octacosane	394	C28H58	000630-02-4	78
4		Hentriacontane	437	C31H64	000630-04-6	72
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
Data File : BF107387.D
Acq On : 14 Jul 2018 1:22
Operator : JU/SJ
Sample : J3970-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.71	6.71	55.9	ng	615229	1	6.92	220260	20.0
Triethyl citrate	10.64	5.3	ng	69444	3	9.98	259601	20.0
Heneicosane	13.93	2.5	ng	40861	5	14.13	327519	20.0
Octadecane, 5,14-...	14.25	6.2	ng	100979	5	14.13	327519	20.0
Hexacosane	14.55	3.5	ng	57515	5	14.13	327519	20.0
Heptacosane	14.87	3.4	ng	55924	5	14.13	327519	20.0
Hentriacontane	15.22	4.5	ng	47145	6	15.67	207479	20.0
Pentacosane	15.61	3.6	ng	37394	6	15.67	207479	20.0
Octacosane	16.07	2.7	ng	27843	6	15.67	207479	20.0