

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107435.D
 Acq On : 17 Jul 2018 6:07
 Operator : JU/SJ
 Sample : J3633-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-3)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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	5.225	487	491	498	rVB	362550	443560	12.81%	1.330%
2	5.613	551	557	560	rBV	3427122	3309607	95.55%	9.925%
3	6.607	721	726	733	rBV	3103214	3463877	100.00%	10.387%
4	6.754	746	751	754	rBV	3696058	3420830	98.76%	10.258%
5	6.984	786	790	794	rBV	1133569	913122	26.36%	2.738%
6	7.142	813	817	820	rVB	2857224	2500753	72.20%	7.499%
7	7.548	881	886	889	rBV	2035514	2007725	57.96%	6.021%
8	7.713	910	914	919	rVB2	30279	38508	1.11%	0.115%
9	8.266	1004	1008	1014	rVB	1101836	952856	27.51%	2.857%
10	9.342	1184	1191	1194	rBV	3413930	3018788	87.15%	9.052%
11	9.442	1205	1208	1211	rVB3	32337	35603	1.03%	0.107%
12	9.730	1253	1257	1261	rBV	665931	521887	15.07%	1.565%
13	10.024	1303	1307	1311	rBV	1013919	983238	28.39%	2.948%
14	10.819	1437	1442	1445	rBV	2287818	2000717	57.76%	6.000%
15	10.919	1455	1459	1463	rBV7	23283	39339	1.14%	0.118%
16	11.066	1479	1484	1489	rBV9	16438	35939	1.04%	0.108%
17	11.160	1495	1500	1504	rVB7	35801	44572	1.29%	0.134%
18	11.195	1504	1506	1512	rBV7	21028	35753	1.03%	0.107%
19	11.519	1557	1561	1564	rBV	1230680	1113949	32.16%	3.340%
20	11.960	1634	1636	1641	rVB6	30006	39955	1.15%	0.120%
21	12.589	1741	1743	1746	rVB4	53808	51659	1.49%	0.155%
22	12.736	1765	1768	1770	rBV2	48558	38198	1.10%	0.115%
23	12.771	1771	1774	1778	rVB	233279	205132	5.92%	0.615%
24	12.965	1805	1807	1809	rBV	101275	84079	2.43%	0.252%
25	12.989	1809	1811	1813	rVB2	82931	67454	1.95%	0.202%
26	13.107	1827	1831	1834	rBV	3501784	3246402	93.72%	9.735%
27	13.307	1861	1865	1866	rBV	200304	188753	5.45%	0.566%
28	13.665	1923	1926	1928	rBV2	166384	143304	4.14%	0.430%
29	13.742	1935	1939	1941	rBV5	44169	66386	1.92%	0.199%
30	13.989	1977	1981	1987	rVB2	339217	432806	12.49%	1.298%
31	14.165	2008	2011	2014	rBV	1162795	1057326	30.52%	3.171%
32	14.312	2033	2036	2039	rVB	311031	285313	8.24%	0.856%
33	14.618	2085	2088	2093	rBV	440285	432434	12.48%	1.297%
34	14.942	2140	2143	2149	rVB	354853	366195	10.57%	1.098%

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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

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35	15.301	2201	2204	2210	rBV2	374369	482410	13.93%	1.447%
36	15.706	2268	2273	2280	rBV2	665396	1032074	29.80%	3.095%
37	16.177	2351	2353	2360	rVB4	182848	247271	7.14%	0.741%

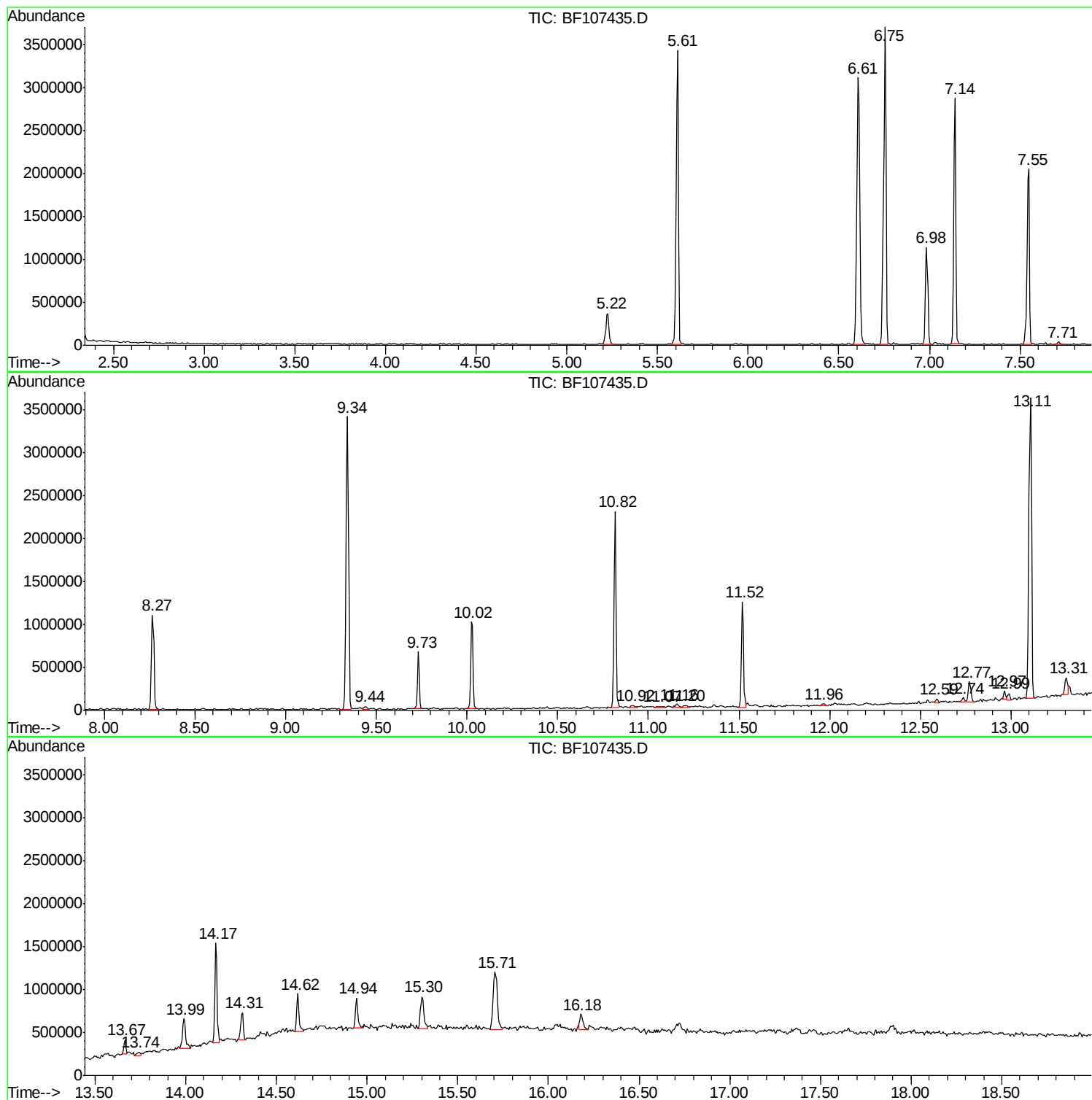
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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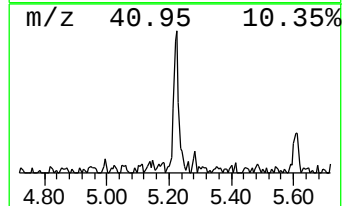
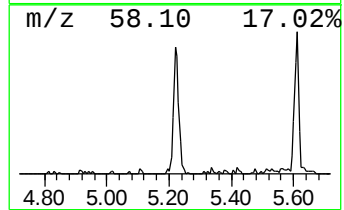
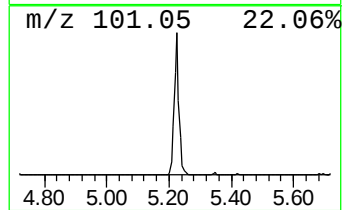
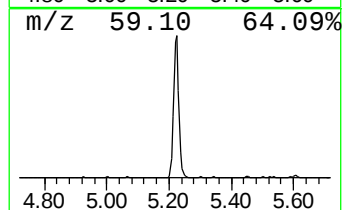
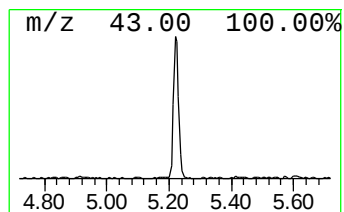
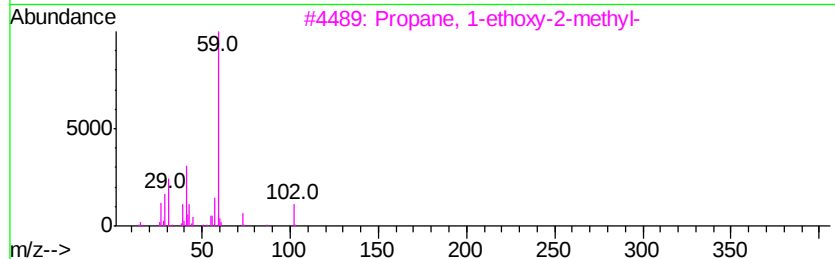
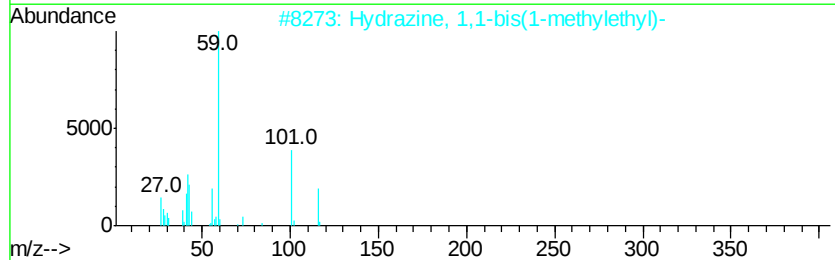
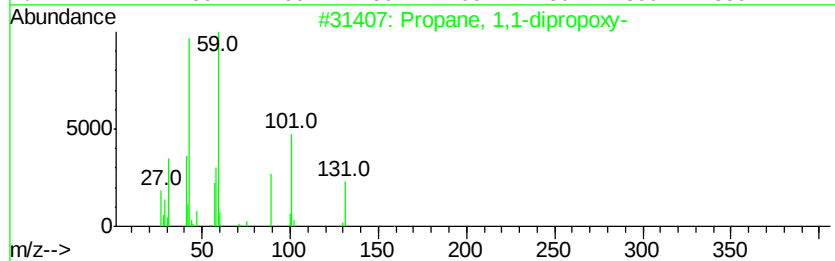
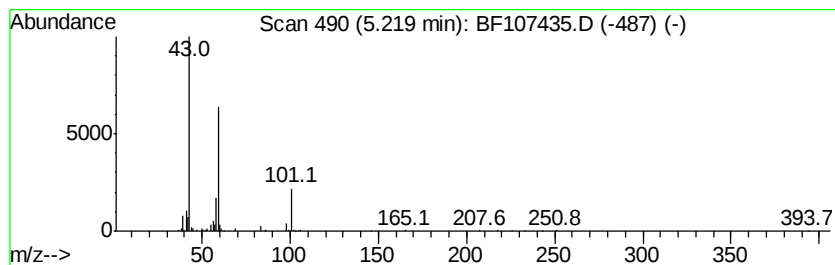
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	9.72 ng	443560	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	45
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	30
4			2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	28
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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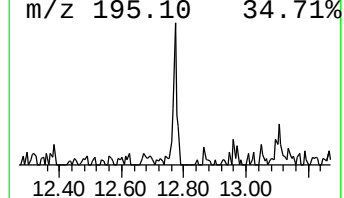
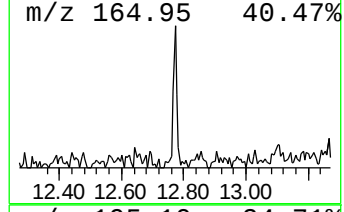
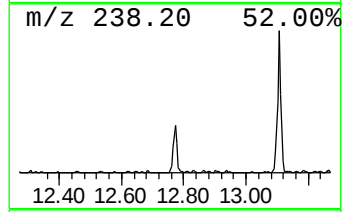
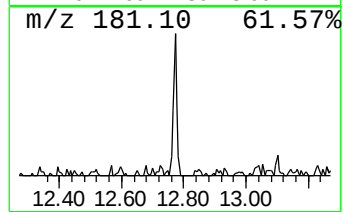
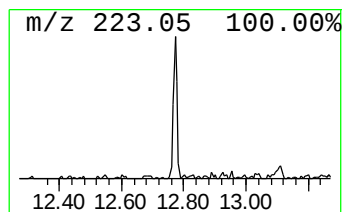
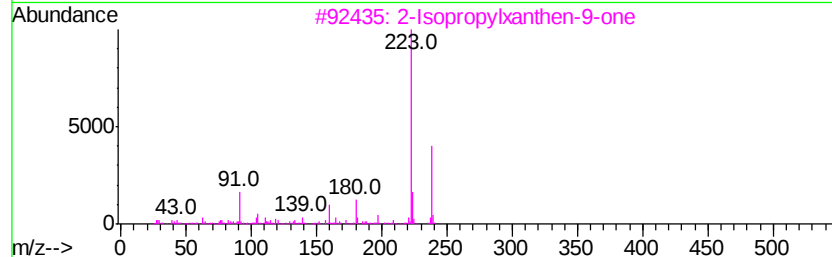
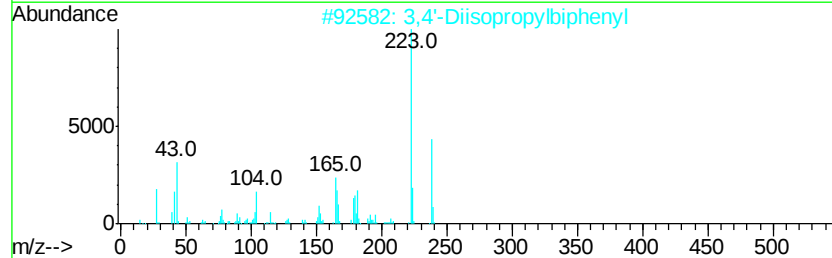
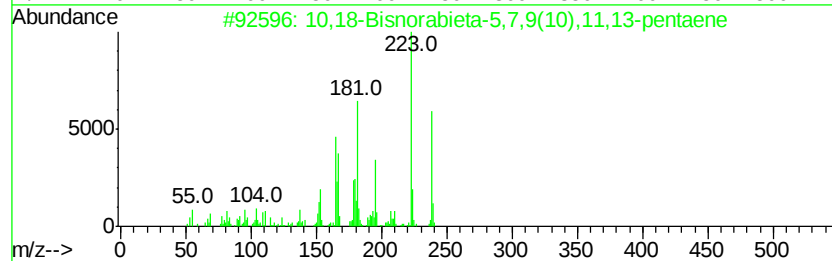
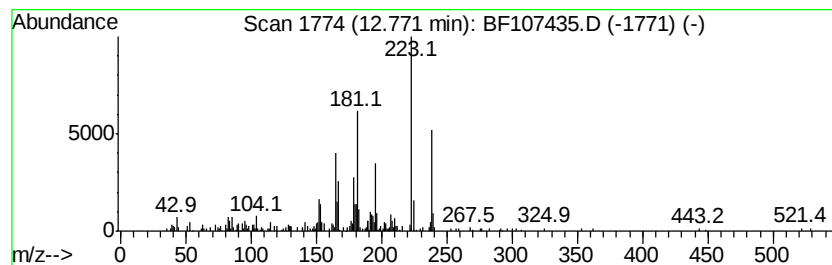
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 10,18-Bisnorabieta-5,7,9(10)... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.68 ng	205132	Phenanthrene-d10	11.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	91
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	52
3		2-Isopropylxanthen-9-one	238	C16H14O2	069737-66-2	50
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	50
5		4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	50



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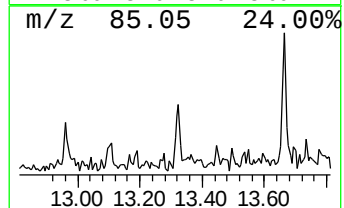
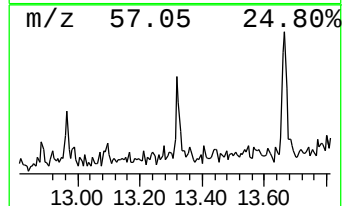
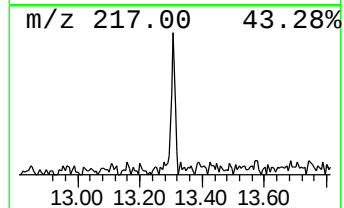
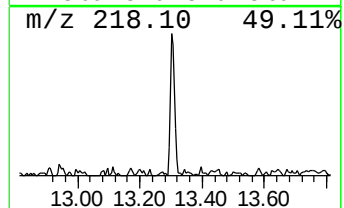
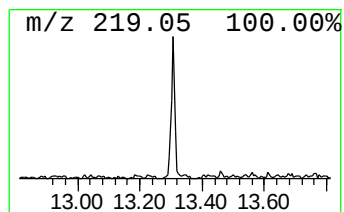
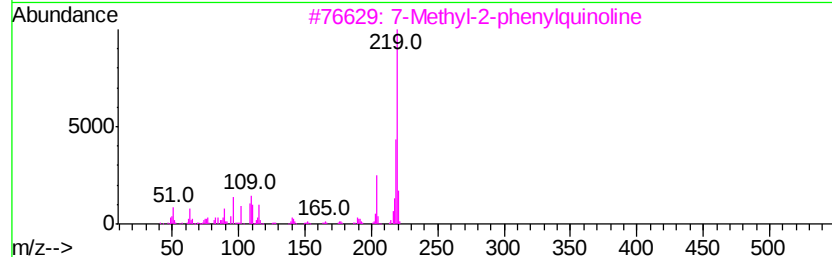
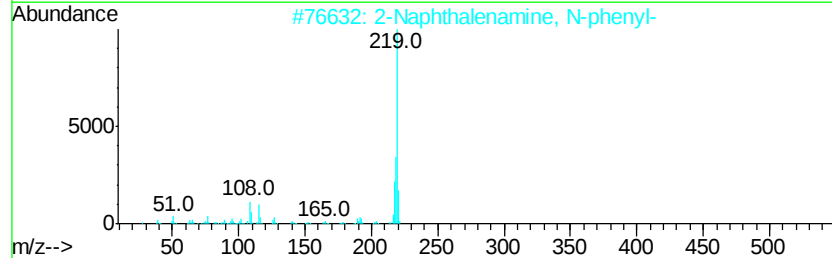
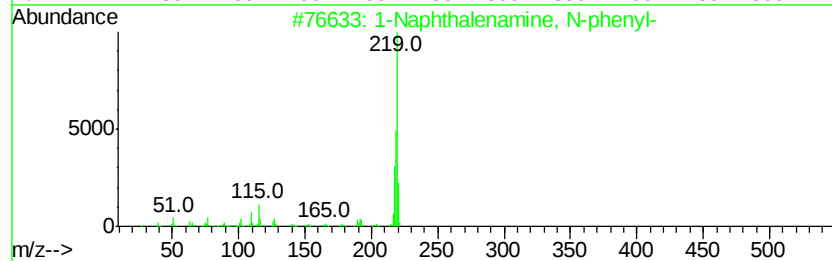
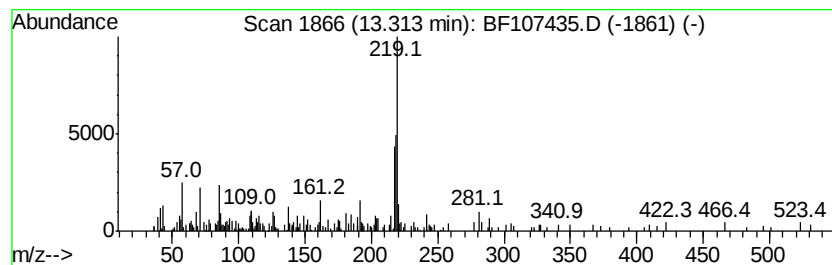
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Naphthalenamine, N-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.57 ng	188753	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	90
2		2-Naphthalenamine, N-phenyl-	219	C16H13N	000135-88-6	81
3		7-Methyl-2-phenylquinoline	219	C16H13N	027356-39-4	72
4		Quinoline, 4-methyl-2-phenyl-	219	C16H13N	004789-76-8	72
5		2-Methyl-4-phenylquinoline	219	C16H13N	001721-92-2	56



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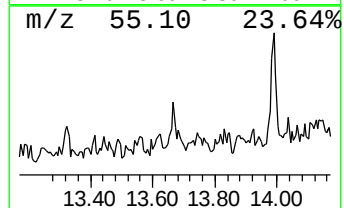
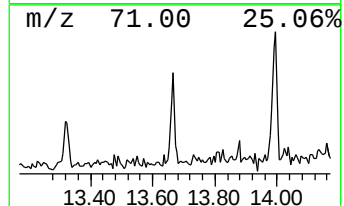
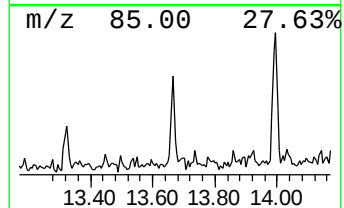
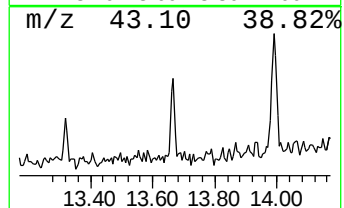
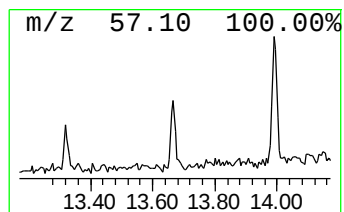
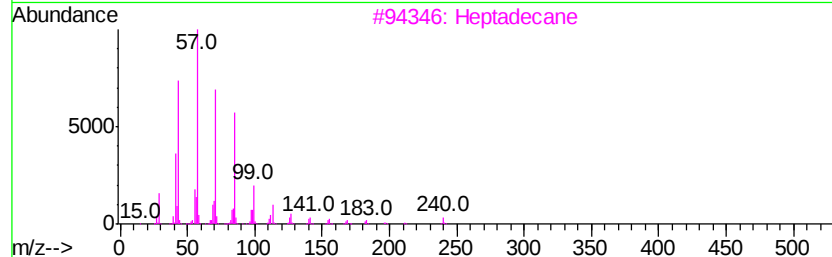
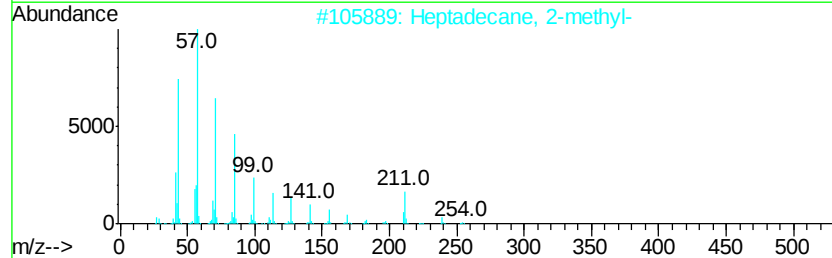
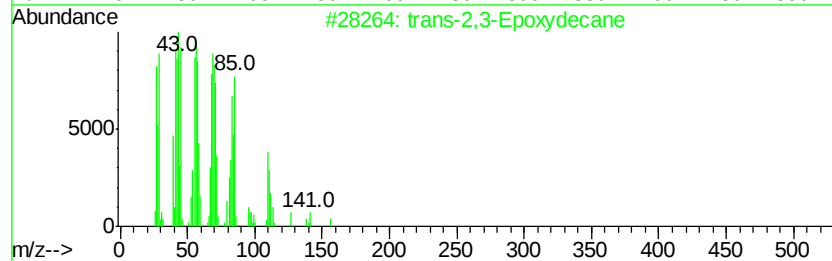
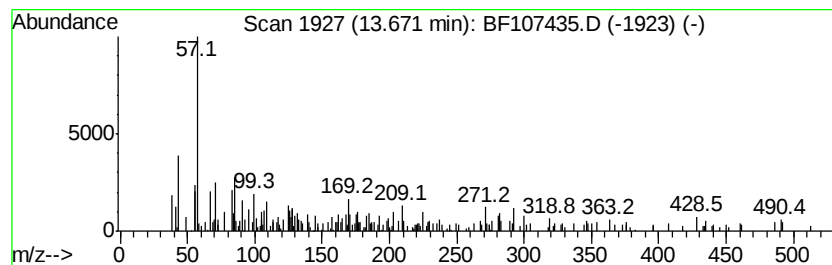
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Peak Number 6 trans-2,3-Epoxydecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.71 ng	143304	Chrysene-d12	14.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Epoxydecane		156	C10H20O	054125-39-2	93
2	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	87
3	Heptadecane		240	C17H36	000629-78-7	83
4	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	81
5	Tetracosane		338	C24H50	000646-31-1	81



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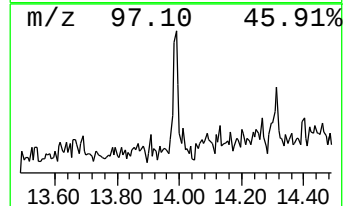
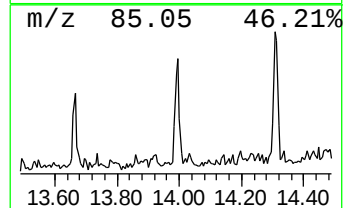
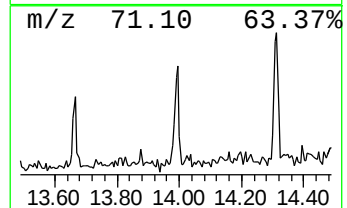
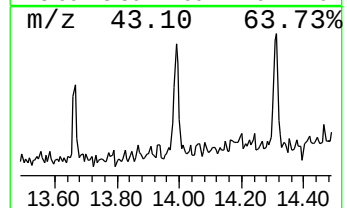
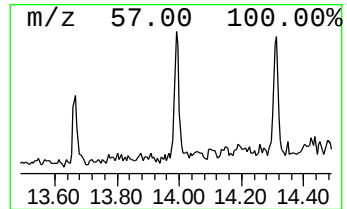
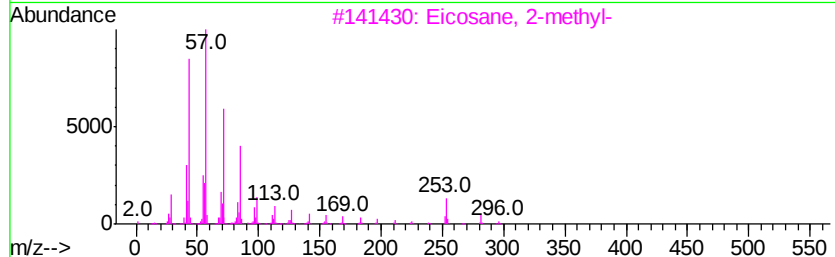
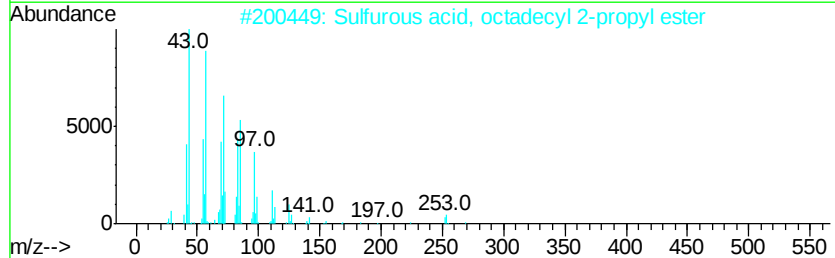
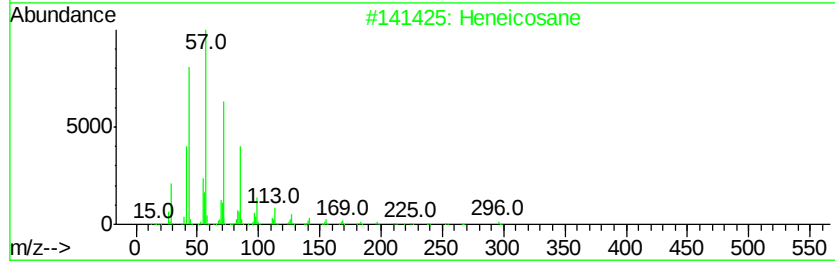
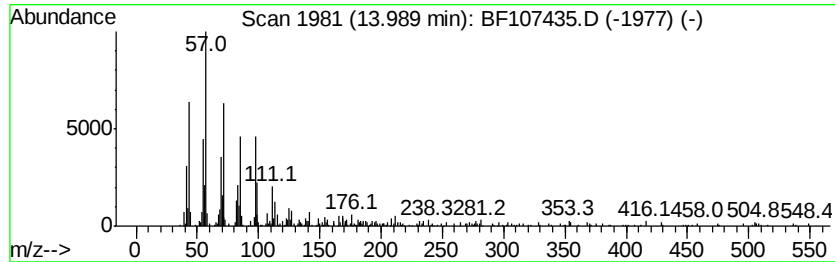
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Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	8.19 ng	432806	Chrysene-d12	14.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Sulfurous acid, octadecyl 2-prop...		376	C21H44O3S	1000309-12-7	83
3	Eicosane, 2-methyl-		296	C21H44	001560-84-5	70
4	Docosane		310	C22H46	000629-97-0	70
5	Tetracosane, 1-bromo-		416	C24H49Br	006946-24-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107435.D
Acq On : 17 Jul 2018 6:07
Operator : JU/SJ
Sample : J3633-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

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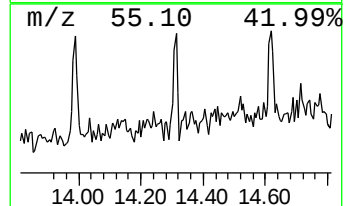
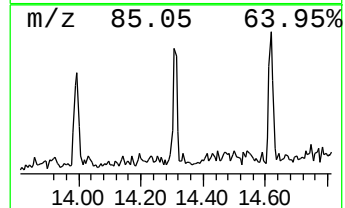
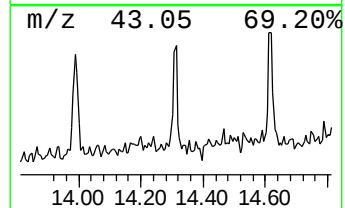
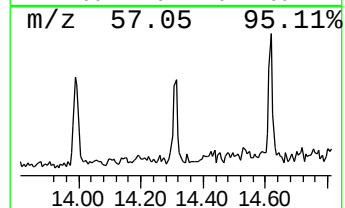
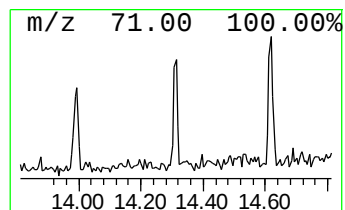
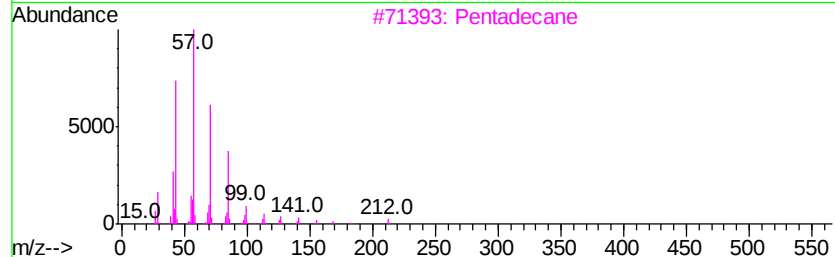
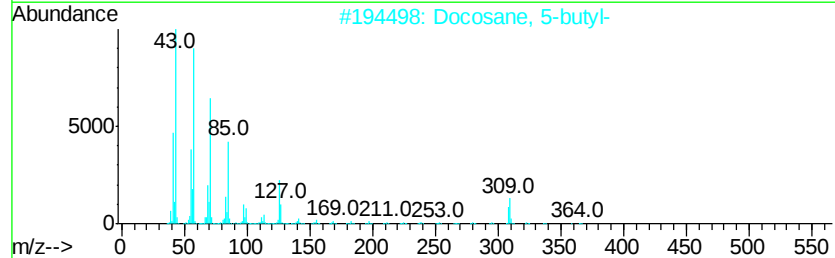
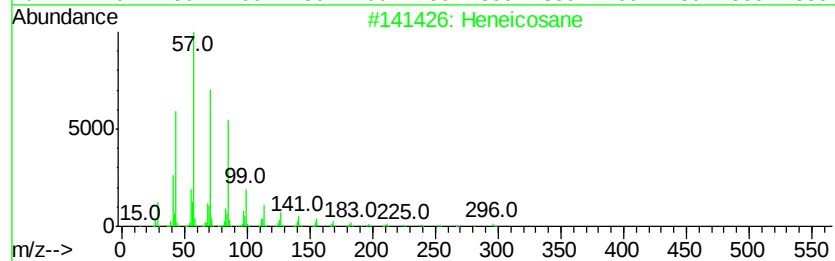
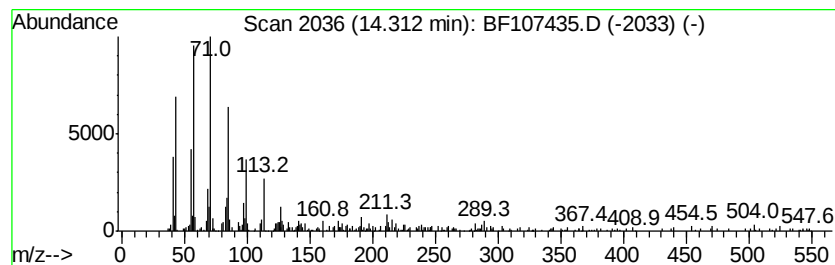
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane, 5-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	5.40 ng	285313	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane, 5-butyl-	366	C26H54	055282-16-1	87
3		Pentadecane	212	C15H32	000629-62-9	83
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107435.D
Acq On : 17 Jul 2018 6:07
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ClientSampleId :
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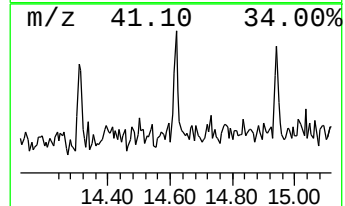
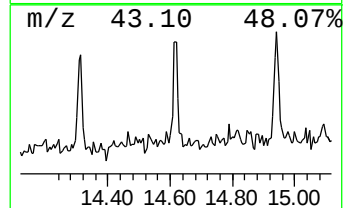
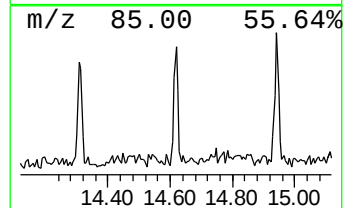
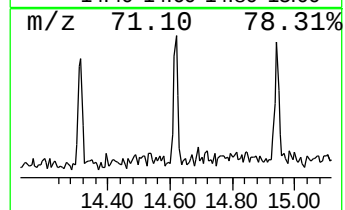
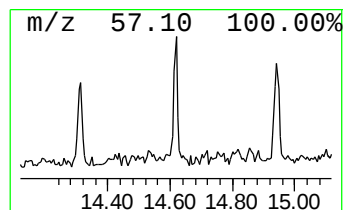
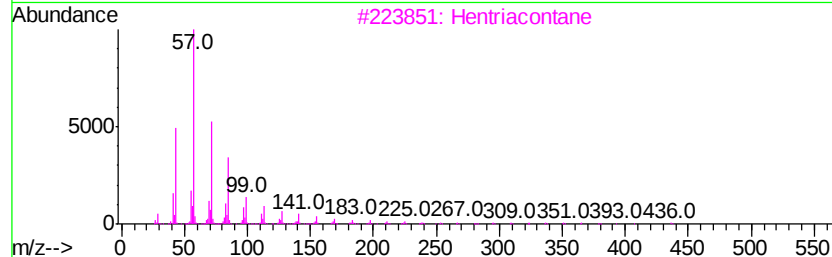
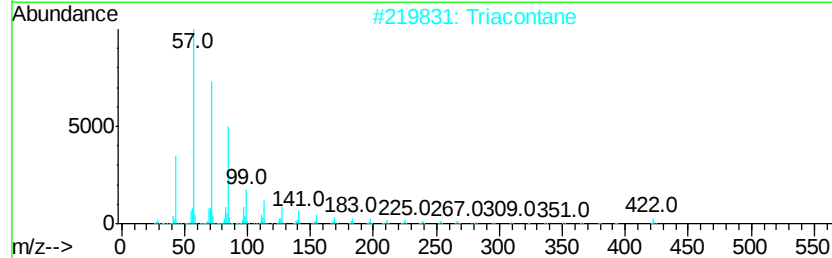
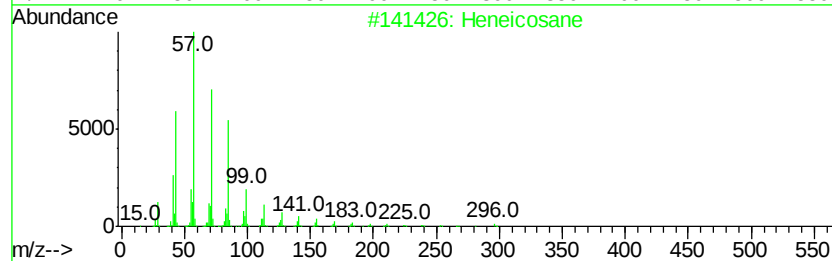
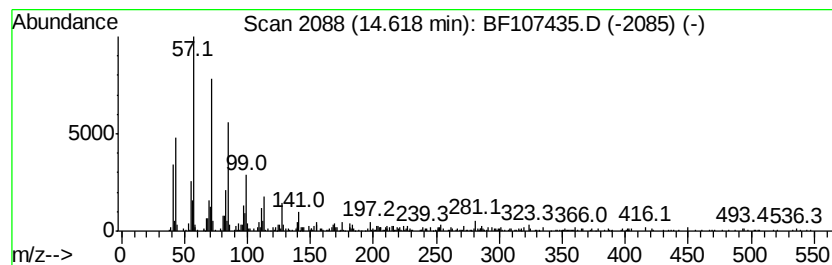
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	8.18 ng	432434	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Hexacosane	366	C26H54	000630-01-3	83
5	Pentacosane	352	C25H52	000629-99-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107435.D
Acq On : 17 Jul 2018 6:07
Operator : JU/SJ
Sample : J3633-05
Misc :
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ClientSampleId :
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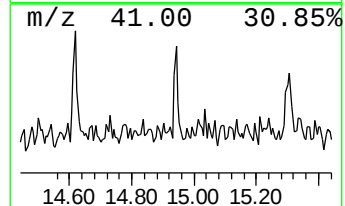
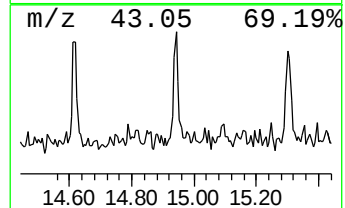
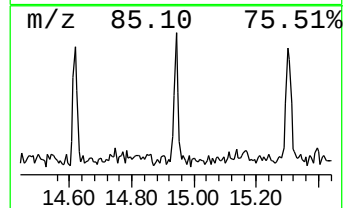
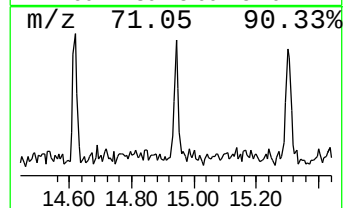
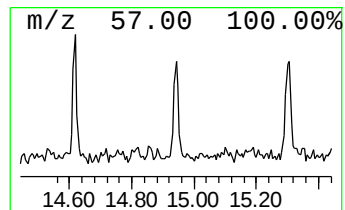
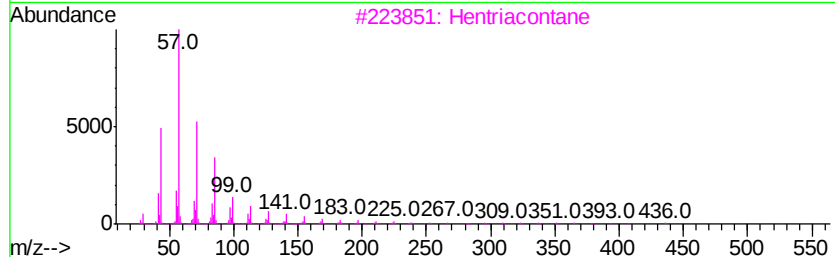
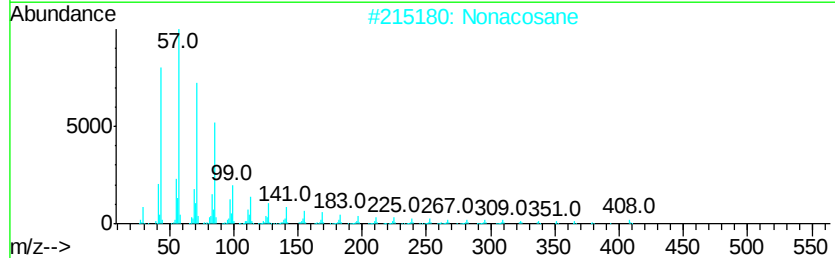
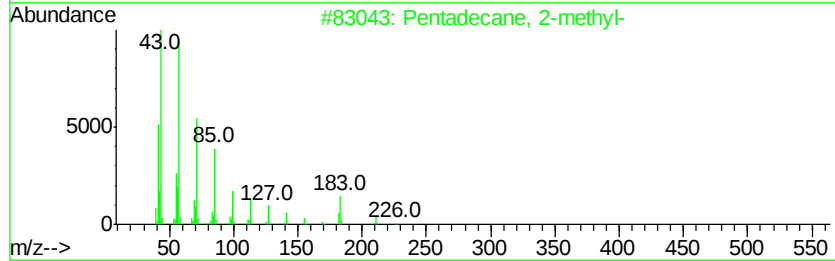
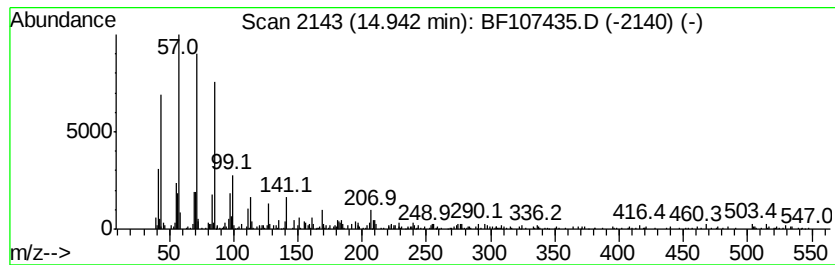
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	7.10 ng	366195	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83
2		Nonacosane	408	C29H60	000630-03-5	83
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107435.D
Acq On : 17 Jul 2018 6:07
Operator : JU/SJ
Sample : J3633-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

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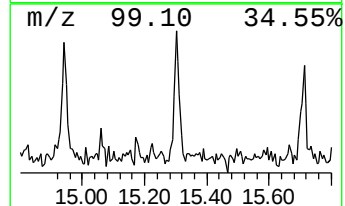
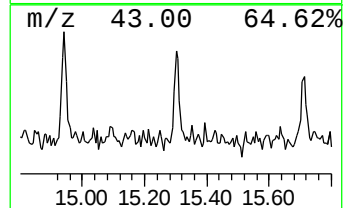
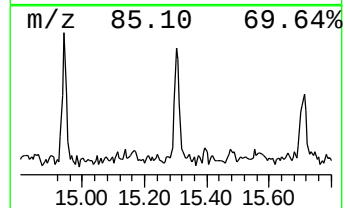
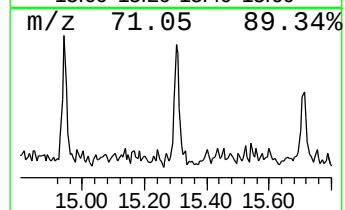
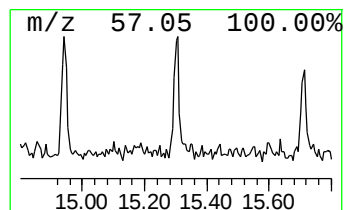
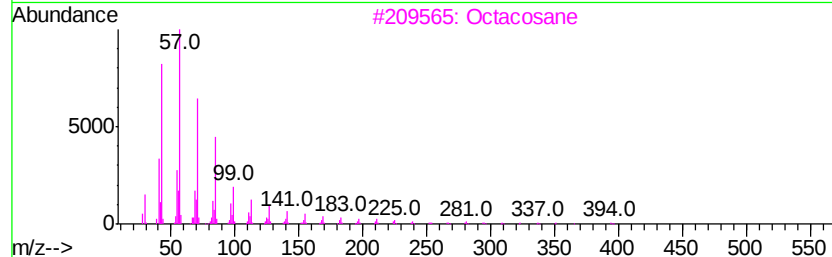
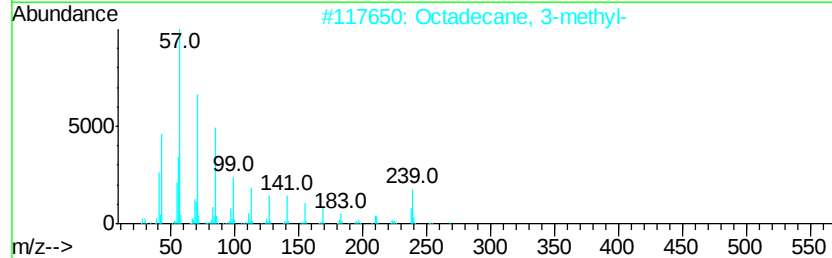
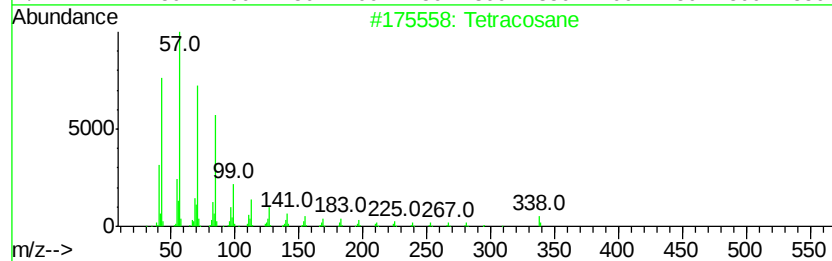
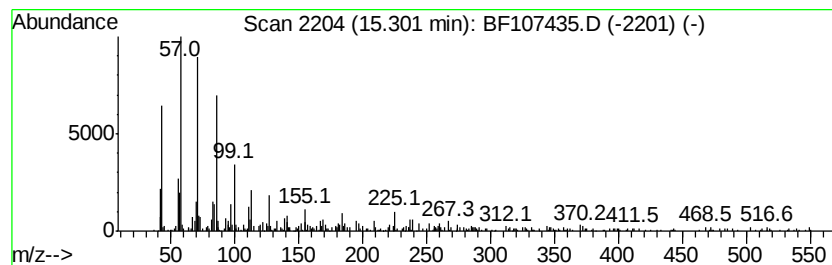
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	9.35 ng	482410	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octadecane, 3-methyl-	268	C19H40	006561-44-0	83
3			Octacosane	394	C28H58	000630-02-4	83
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5			Hexacosane	366	C26H54	000630-01-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107435.D
Acq On : 17 Jul 2018 6:07
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ClientSampleId :
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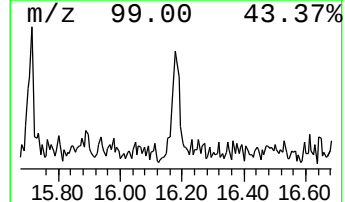
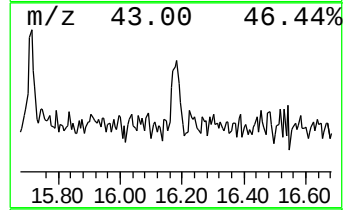
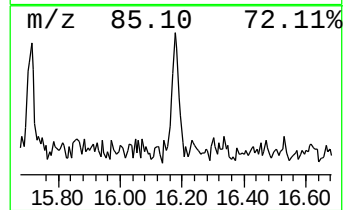
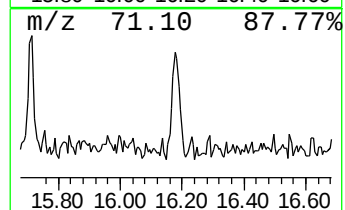
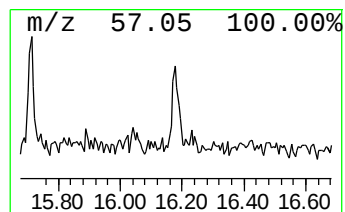
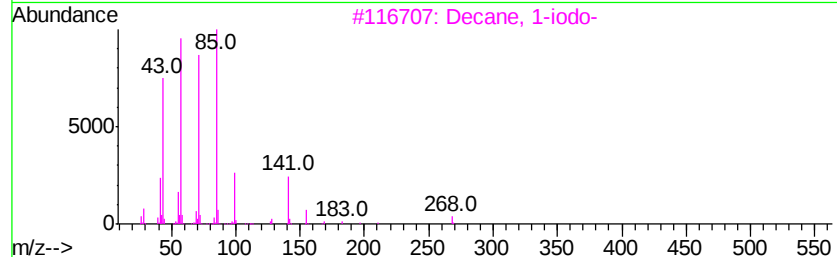
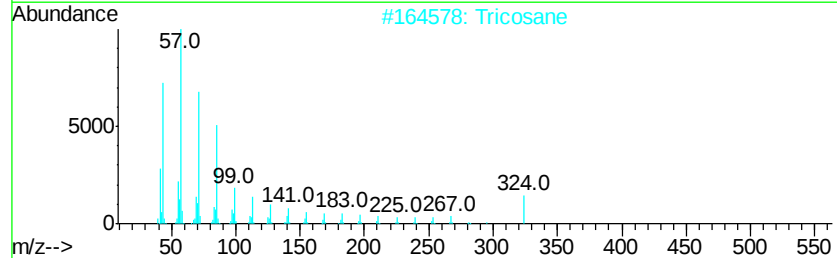
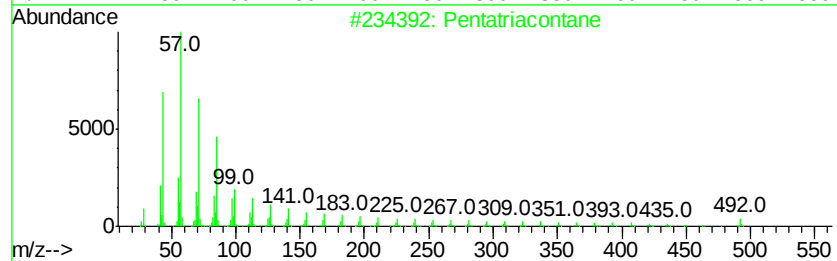
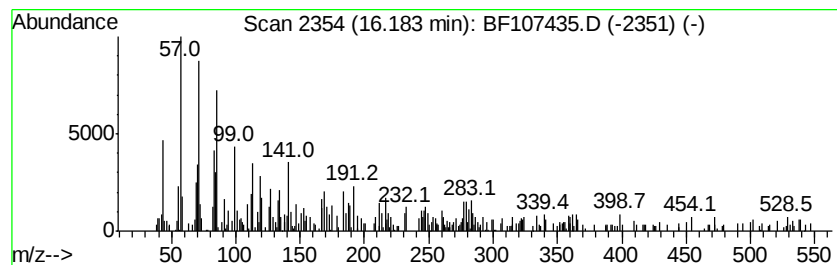
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.79 ng	247271	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentatriacontane	493	C35H72	000630-07-9	50
2		Tricosane	324	C23H48	000638-67-5	43
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	43
4		Nonadecane	268	C19H40	000629-92-5	43
5		Monalide	239	C13H18ClNO	007287-36-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
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Acq On : 17 Jul 2018 6:07
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Sample : J3633-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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1-Naphthalenamine...	13.31	3.6	ng	188753	5	14.17	1057330	20.0
trans-2,3-Epoxyde...	13.67	2.7	ng	143304	5	14.17	1057330	20.0
Heneicosane	13.99	8.2	ng	432806	5	14.17	1057330	20.0
Docosane, 5-butyl-	14.31	5.4	ng	285313	5	14.17	1057330	20.0
Triacontane	14.62	8.2	ng	432434	5	14.17	1057330	20.0
Pentadecane, 2-me...	14.94	7.1	ng	366195	6	15.70	1032070	20.0
Tetracosane	15.30	9.3	ng	482410	6	15.70	1032070	20.0
Pentatriacontane	16.18	4.8	ng	247271	6	15.70	1032070	20.0