

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
 Data File : BF112599.D
 Acq On : 18 Feb 2019 14:25
 Operator : JU/SJ
 Sample : K1508-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-12-S

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-BF012519.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	5.040	498	502	512	rBV	73300	102524	4.11%	0.486%
2	5.457	570	573	592	rBV	1539970	1745945	70.03%	8.278%
3	6.475	742	746	764	rBV	1848638	1898271	76.14%	9.000%
4	6.598	764	767	783	rVB	2029961	2019945	81.02%	9.577%
5	6.822	802	805	818	rBV	667598	573710	23.01%	2.720%
6	6.981	828	832	850	rBV	1783352	1575364	63.19%	7.469%
7	7.387	897	901	918	rBV	1179903	1196602	47.99%	5.674%
8	8.104	1020	1023	1036	rBV	760078	746855	29.96%	3.541%
9	9.181	1201	1206	1216	rBV	2827207	2493192	100.00%	11.821%
10	9.575	1269	1273	1281	rBV	125473	118157	4.74%	0.560%
11	9.863	1318	1322	1329	rBV	941030	850558	34.12%	4.033%
12	10.657	1453	1457	1469	rBV	1552251	1442316	57.85%	6.839%
13	11.351	1571	1575	1584	rBV	876029	822435	32.99%	3.899%
14	11.869	1659	1663	1677	rBV2	152187	194040	7.78%	0.920%
15	12.575	1777	1783	1787	rBV	36544	51630	2.07%	0.245%
16	12.651	1793	1796	1806	rBV2	53095	80128	3.21%	0.380%
17	12.804	1816	1822	1826	rBV2	35610	53526	2.15%	0.254%
18	12.933	1839	1844	1847	rBV	2301961	2042624	81.93%	9.685%
19	13.816	1991	1994	2000	rBV	96080	119497	4.79%	0.567%
20	13.998	2021	2025	2036	rBV	660487	723935	29.04%	3.432%
21	14.133	2045	2048	2051	rBV	87597	78086	3.13%	0.370%
22	14.439	2096	2100	2103	rBV	166656	157776	6.33%	0.748%
23	14.739	2146	2151	2154	rVB2	187643	223763	8.97%	1.061%
24	14.810	2161	2163	2167	rBV	57880	59888	2.40%	0.284%
25	15.068	2204	2207	2212	rVB	241607	290388	11.65%	1.377%
26	15.445	2266	2271	2273	rBV	240838	322188	12.92%	1.528%
27	15.474	2273	2276	2286	rVB	456213	605949	24.30%	2.873%
28	15.868	2339	2343	2349	rVB	198303	290903	11.67%	1.379%
29	16.362	2423	2427	2433	rVB	123360	210766	8.45%	0.999%

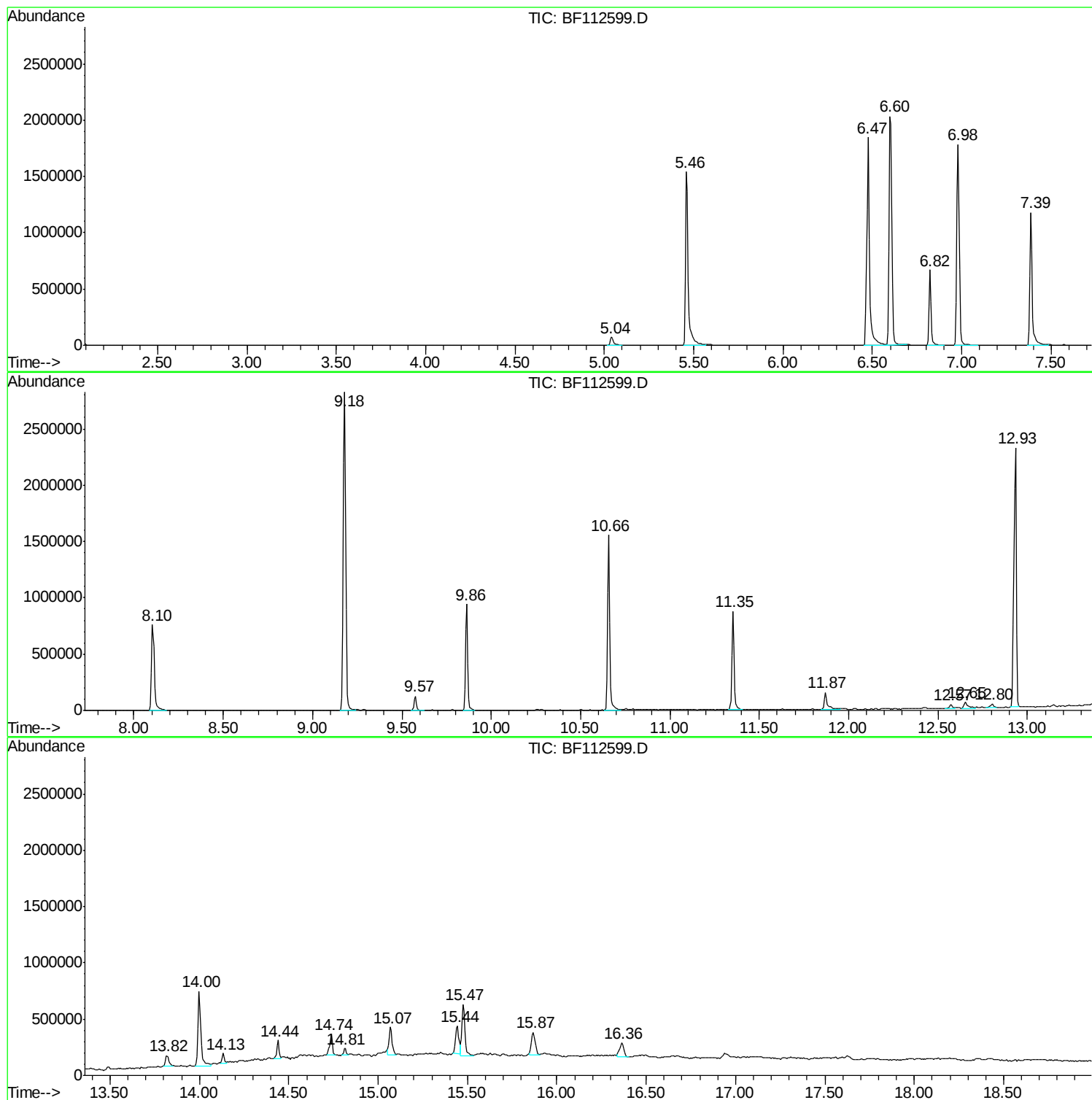
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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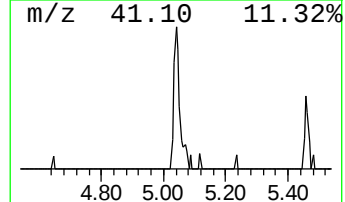
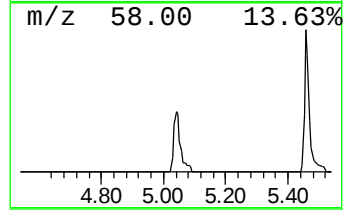
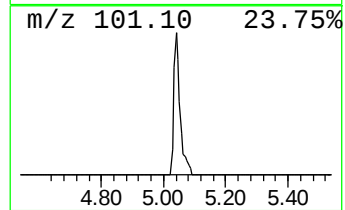
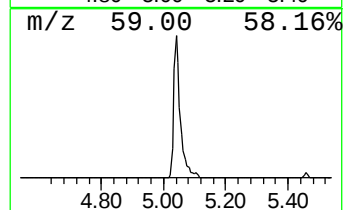
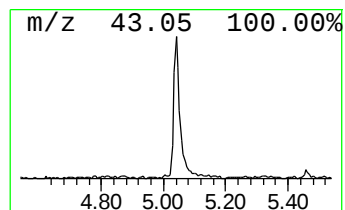
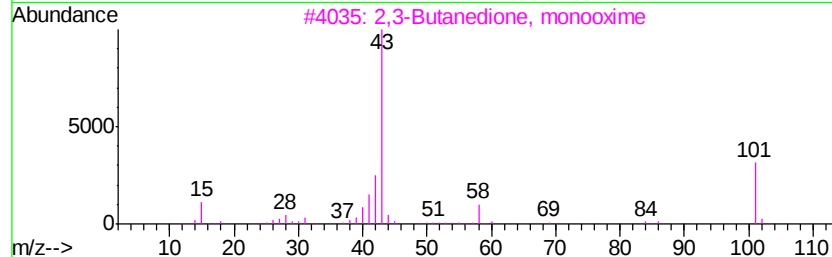
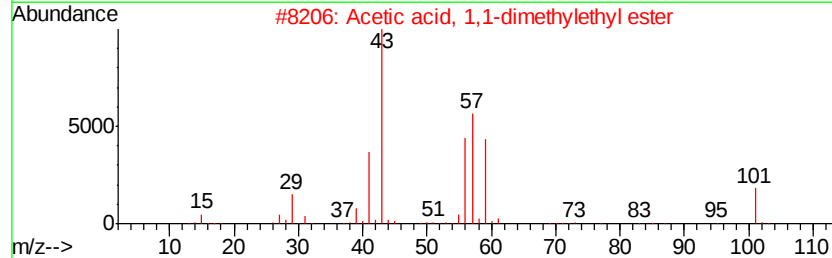
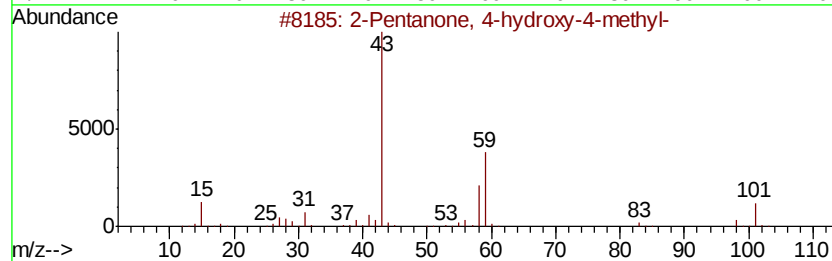
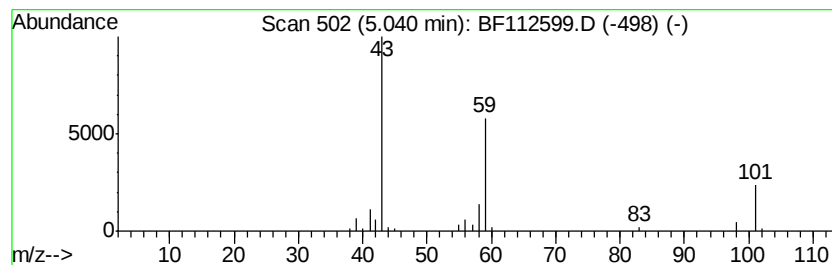
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.04	3.57 ng	102524	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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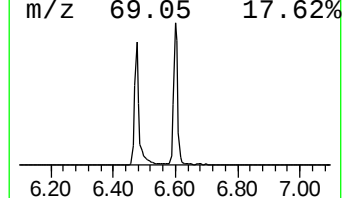
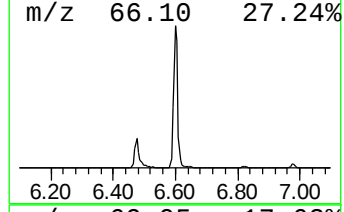
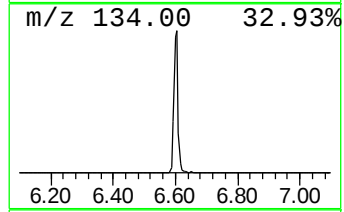
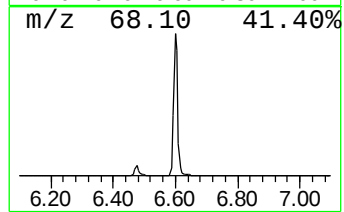
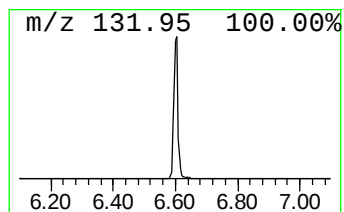
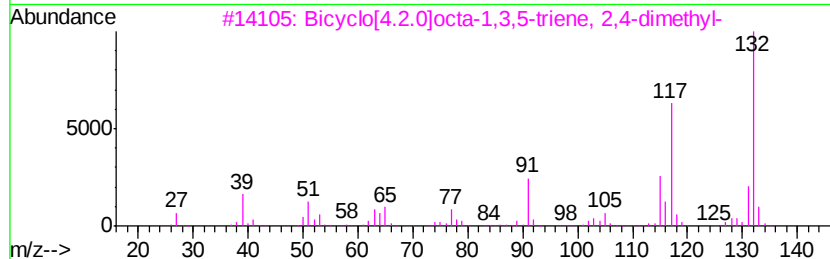
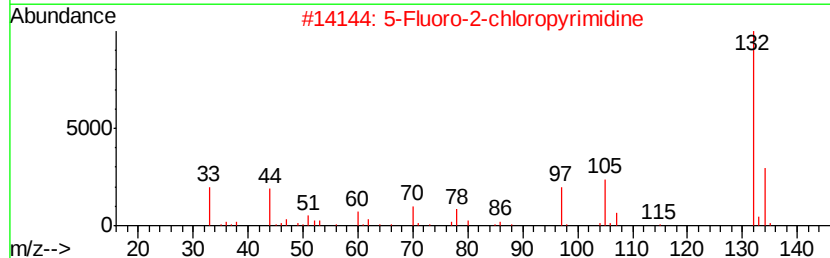
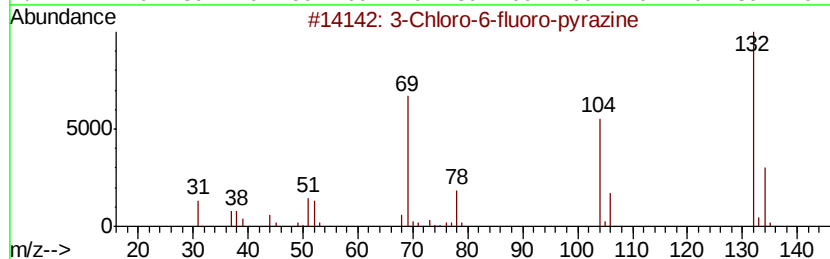
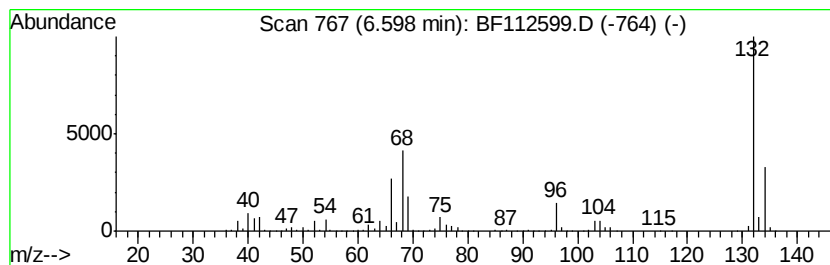
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	70.42 ng	2019950	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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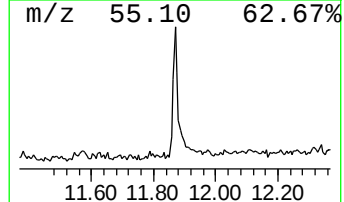
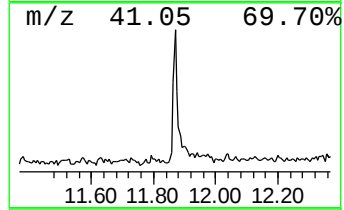
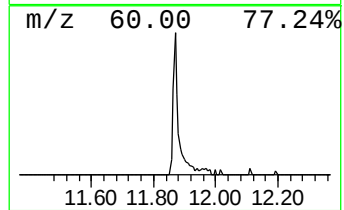
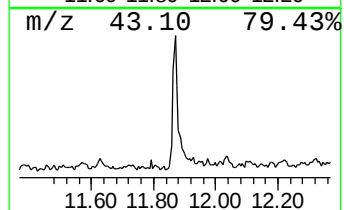
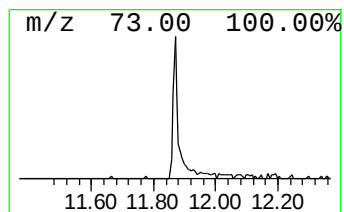
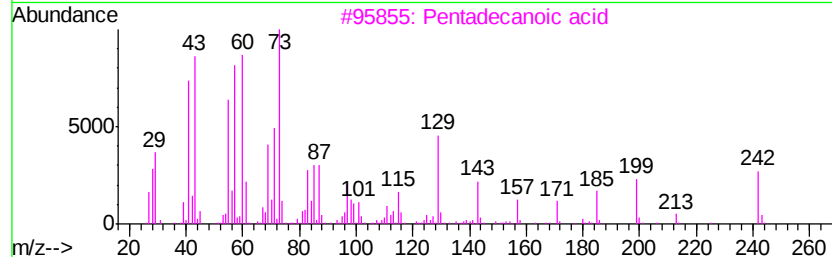
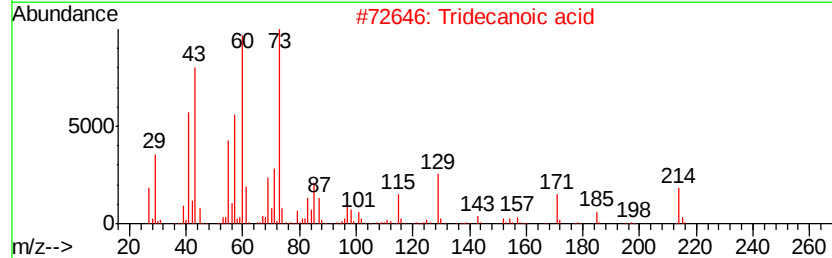
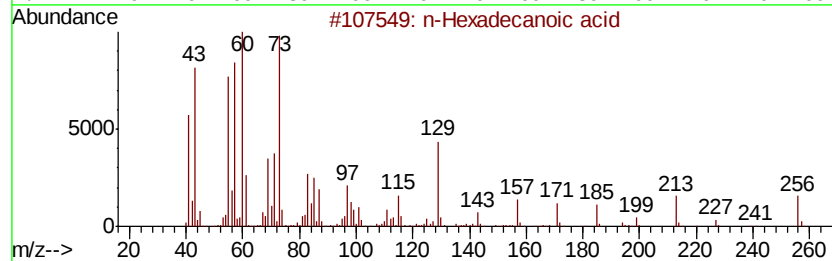
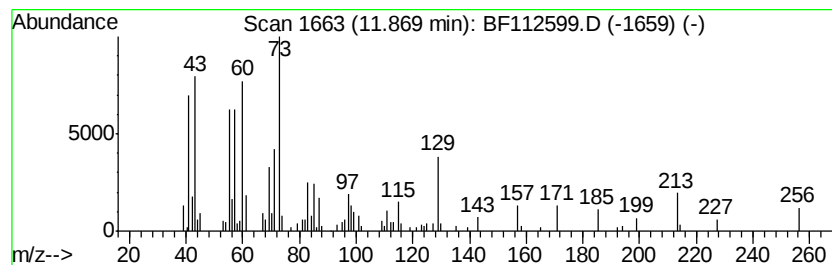
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 Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.87	4.72 ng	194040	Phenanthrene-d10		11.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		Xylose	150	C5H10O5	000058-86-6	27



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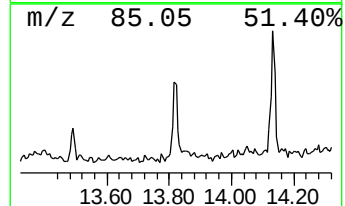
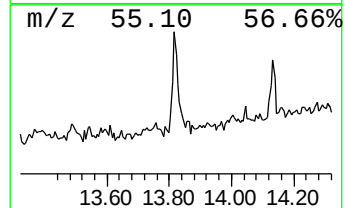
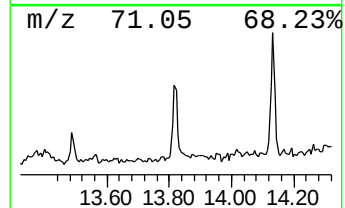
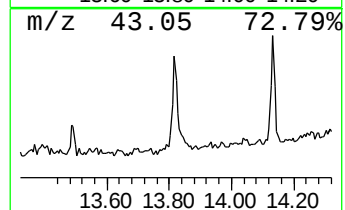
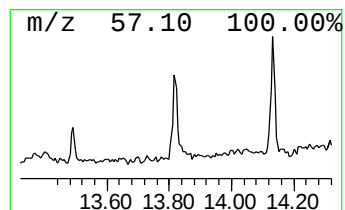
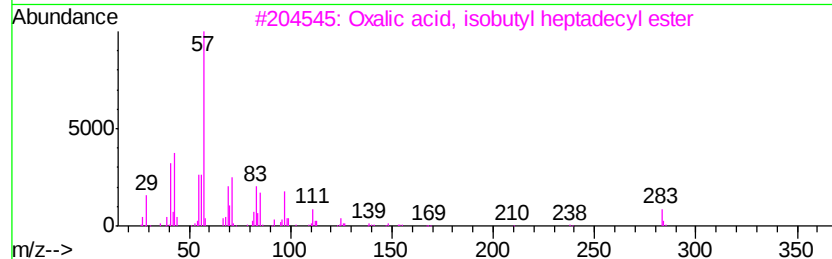
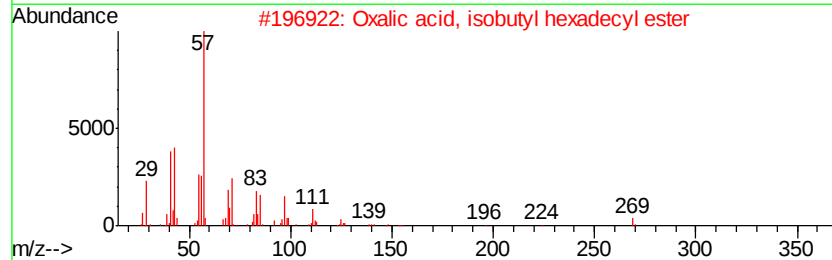
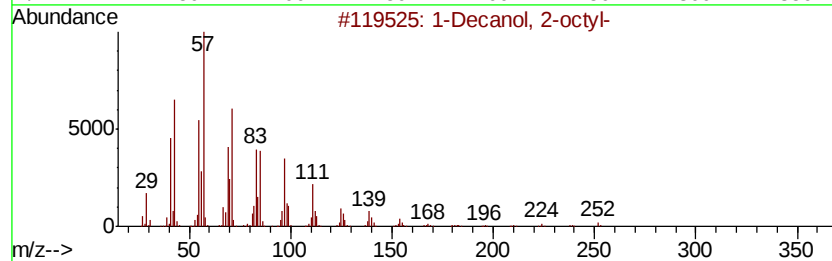
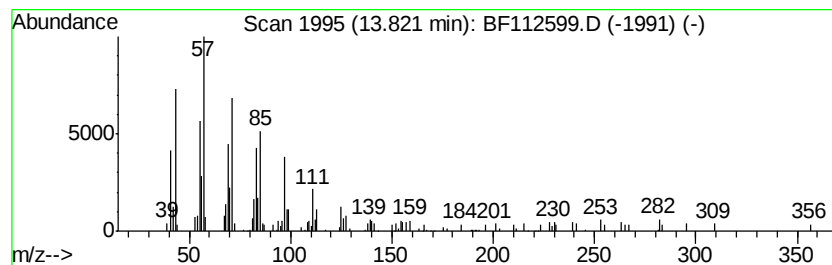
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Peak Number 5 1-Decanol, 2-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.30 ng	119497	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
4		Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	87
5		Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	83



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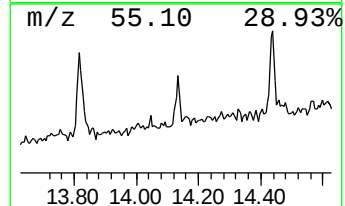
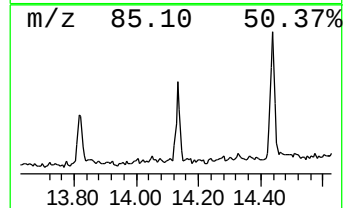
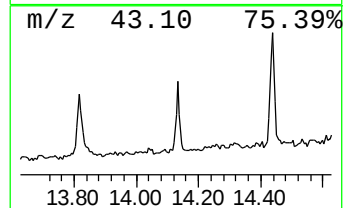
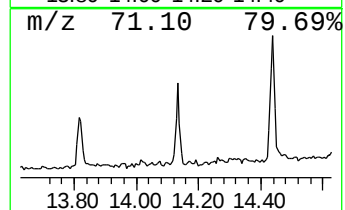
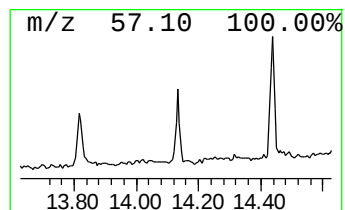
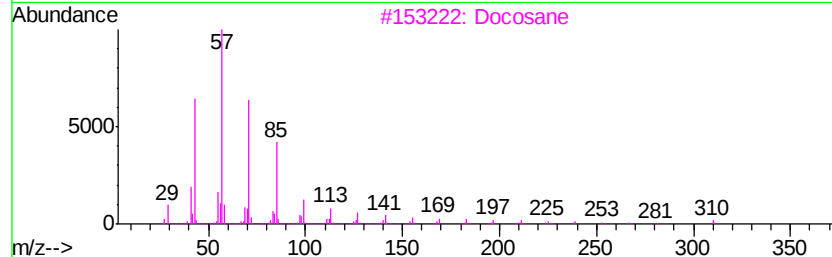
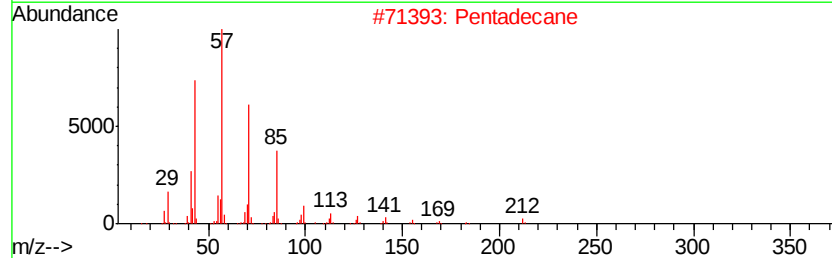
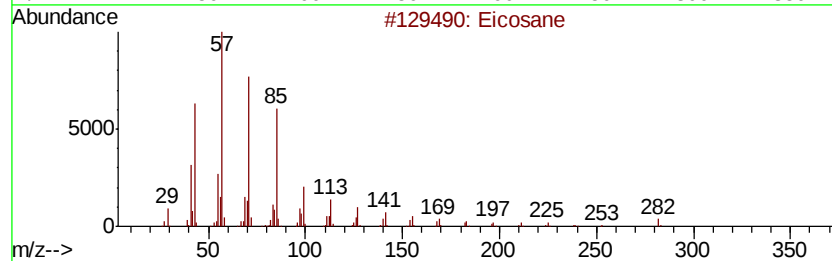
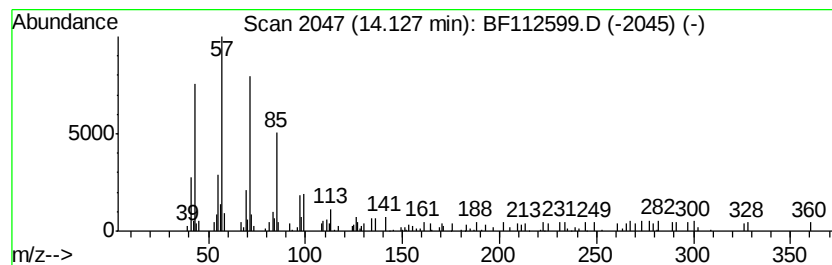
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Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.16 ng	78086	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Pentadecane	212	C15H32	000629-62-9	95
3		Docosane	310	C22H46	000629-97-0	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	91



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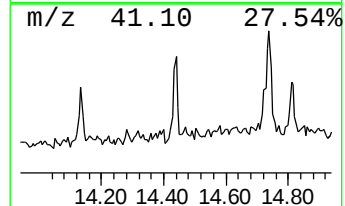
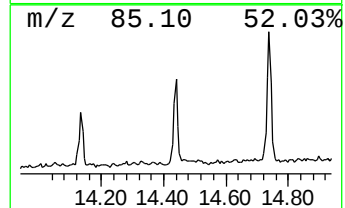
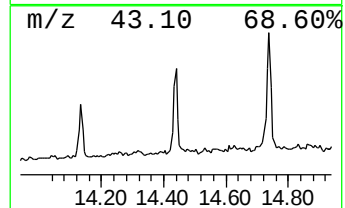
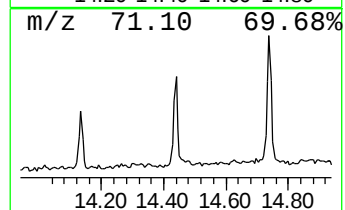
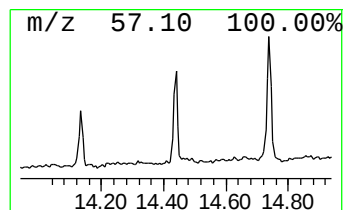
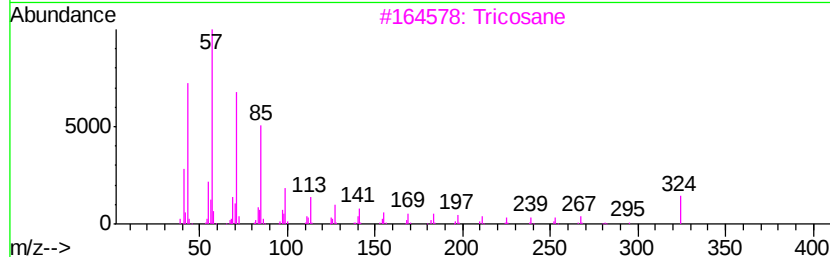
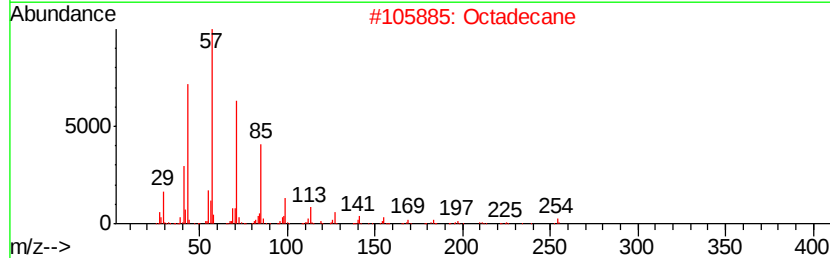
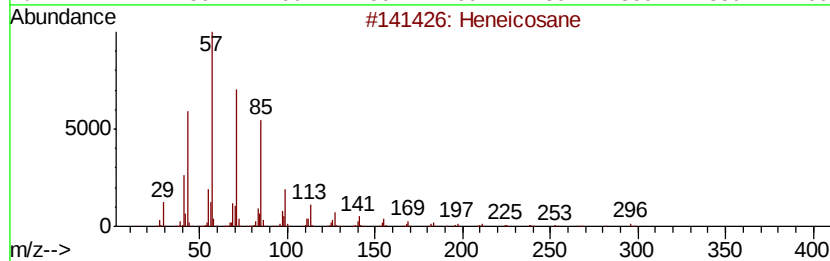
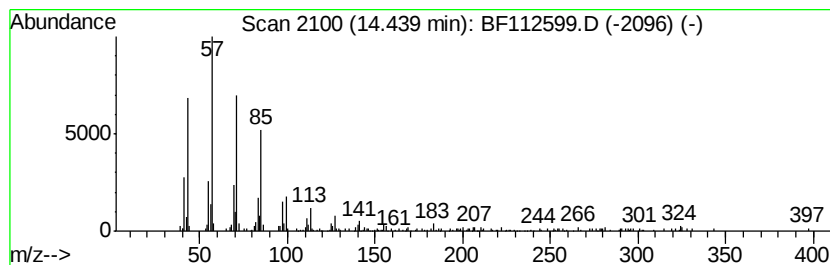
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	4.36 ng	157776	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Octadecane	254	C18H38	000593-45-3	95
3		Tricosane	324	C23H48	000638-67-5	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112599.D
Acq On : 18 Feb 2019 14:25
Operator : JU/SJ
Sample : K1508-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
M-12-S

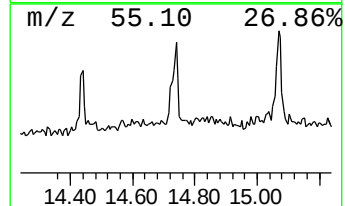
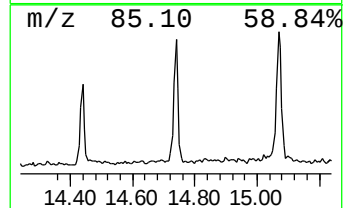
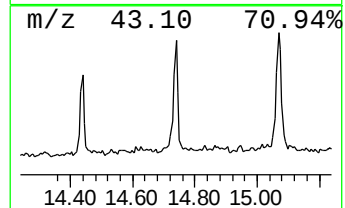
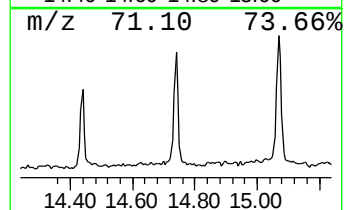
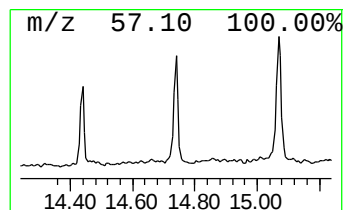
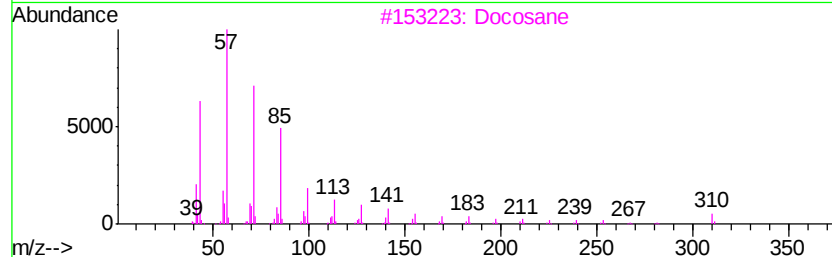
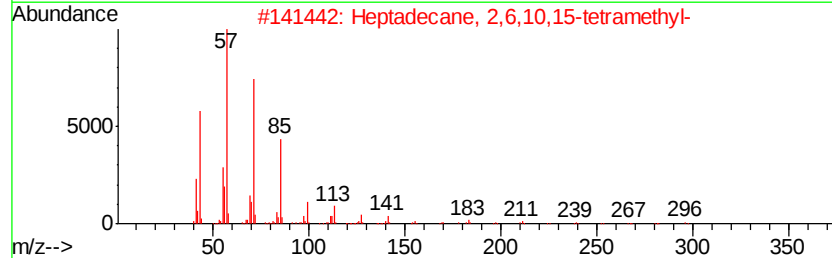
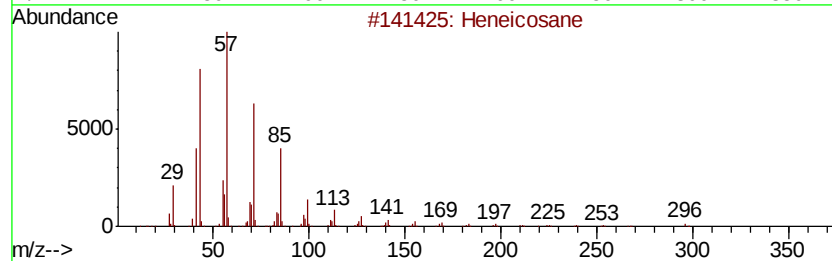
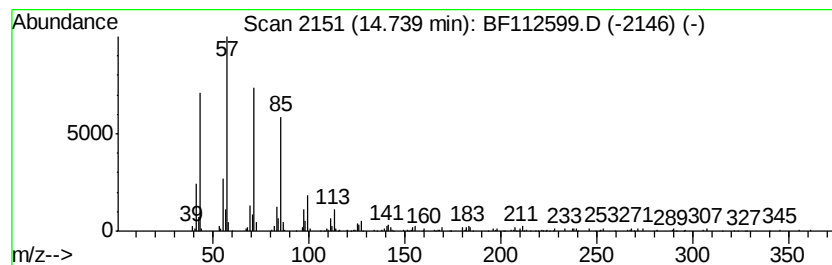
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	7.39 ng	223763	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Docosane	310	C22H46	000629-97-0	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112599.D
Acq On : 18 Feb 2019 14:25
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Sample : K1508-03
Misc :
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Instrument :
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ClientSampleId :
M-12-S

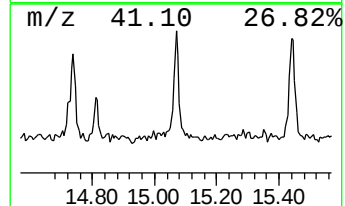
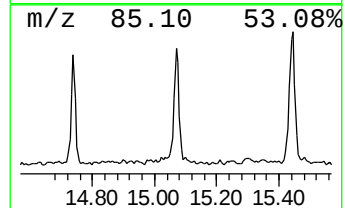
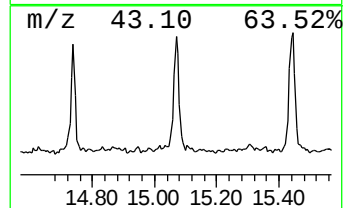
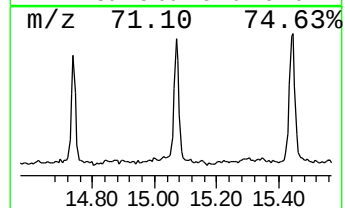
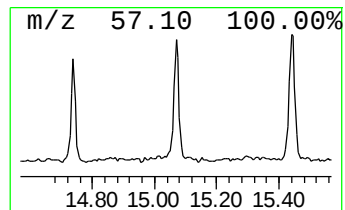
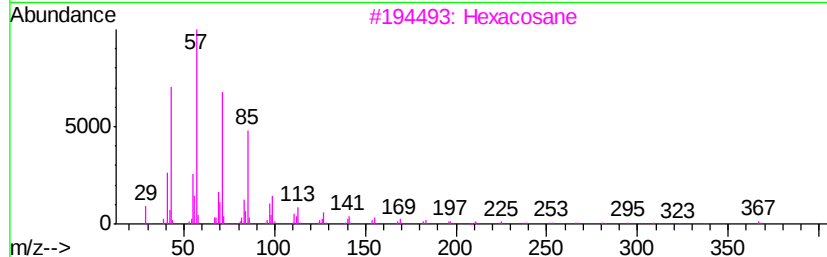
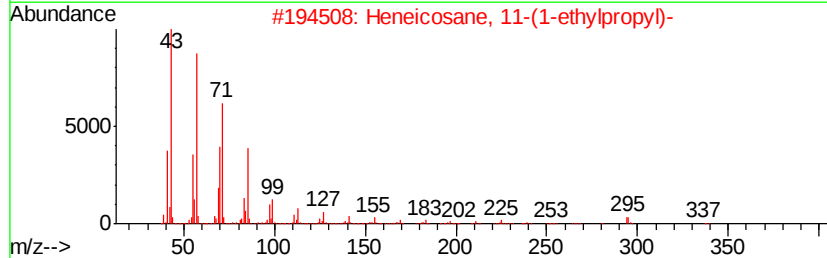
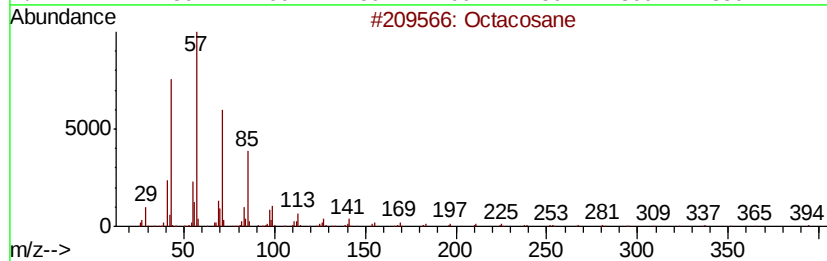
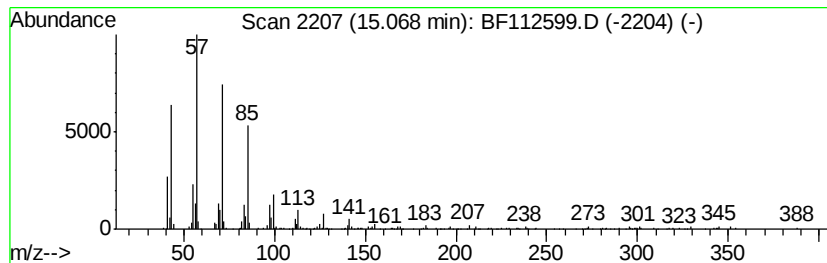
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	9.58 ng	290388	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane	240	C17H36	000629-78-7	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112599.D
Acq On : 18 Feb 2019 14:25
Operator : JU/SJ
Sample : K1508-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-12-S

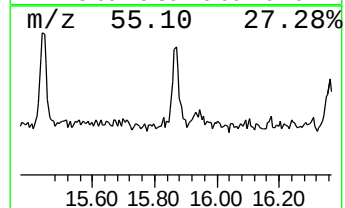
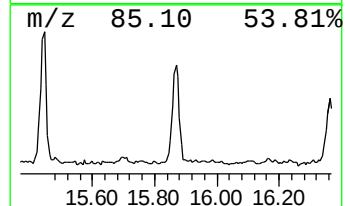
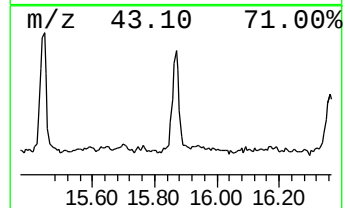
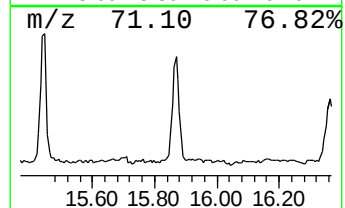
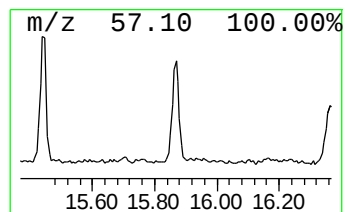
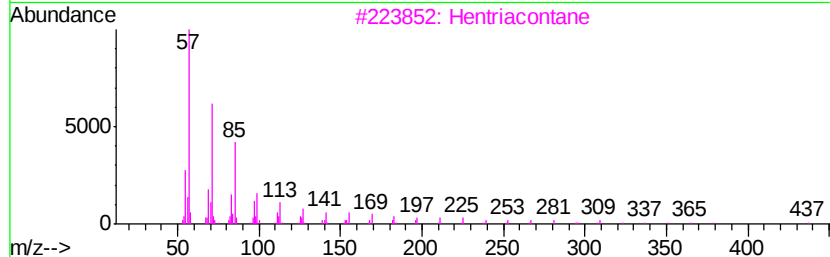
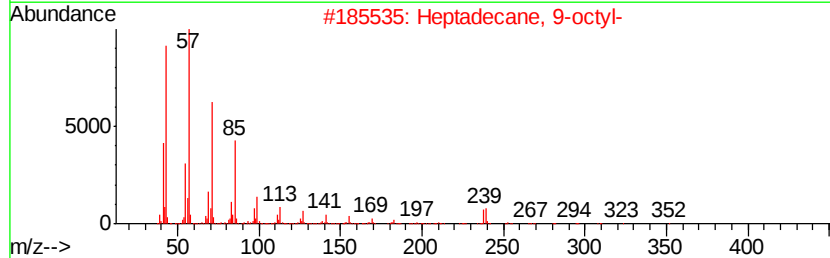
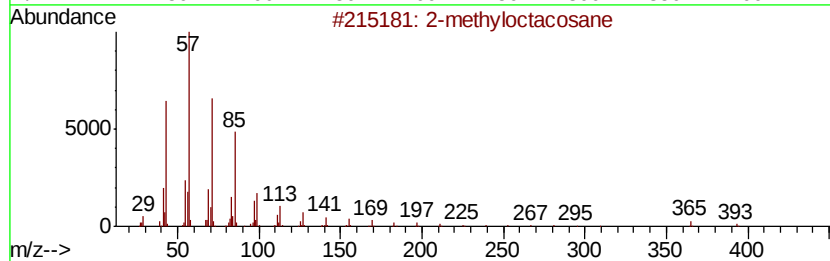
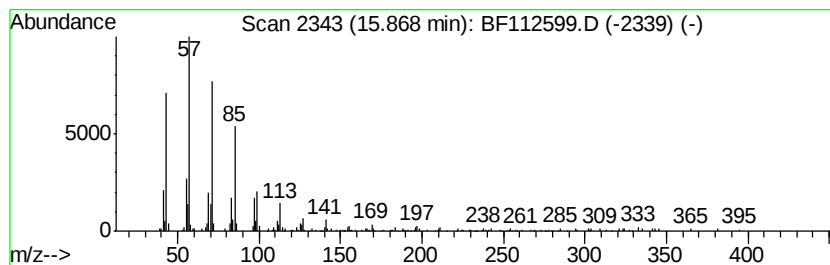
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	9.60 ng	290903	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Hexacosane	366	C26H54	000630-01-3	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112599.D
Acq On : 18 Feb 2019 14:25
Operator : JU/SJ
Sample : K1508-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

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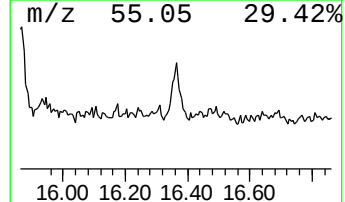
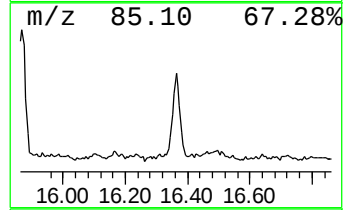
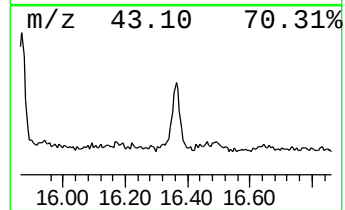
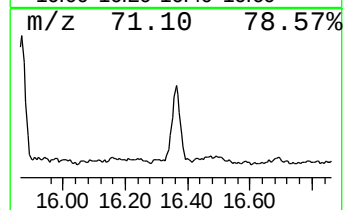
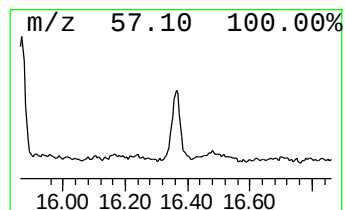
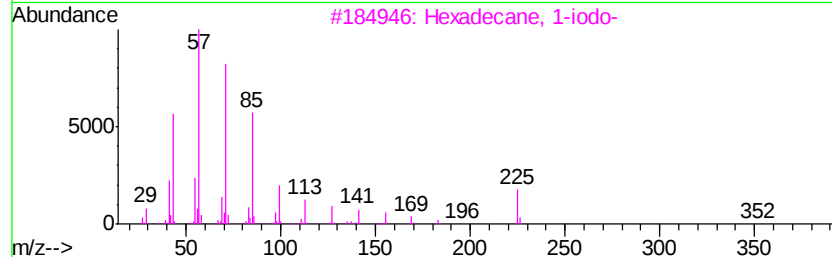
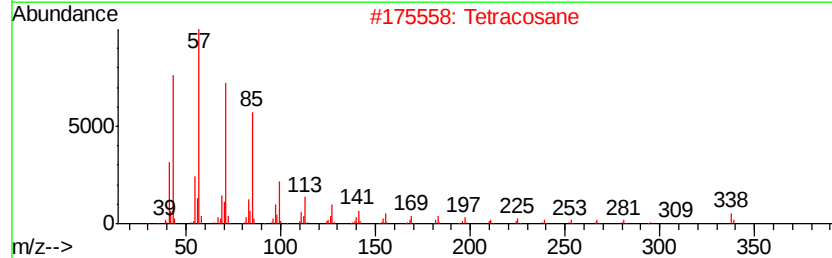
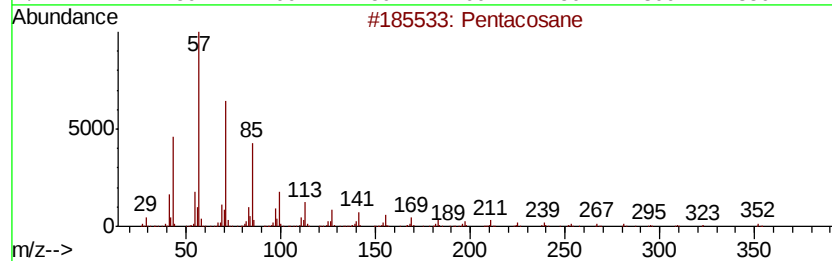
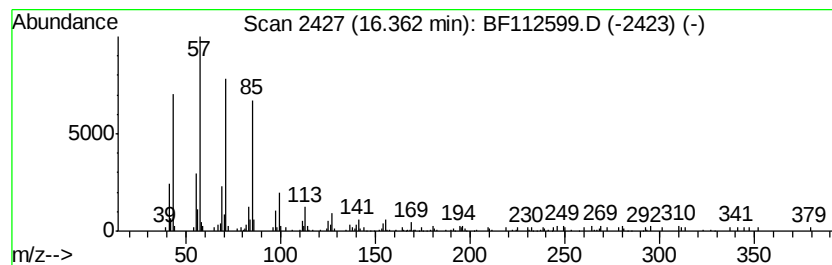
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	6.96 ng	210766	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
 Data File : BF112599.D
 Acq On : 18 Feb 2019 14:25
 Operator : JU/SJ
 Sample : K1508-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
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unknown6.60	6.60	70.4	ng	2019950	1	6.82	573710	20.0
n-Hexadecanoic acid	11.87	4.7	ng	194040	4	11.35	822435	20.0
1-Decanol, 2-octyl-	13.82	3.3	ng	119497	5	14.00	723935	20.0
Eicosane	14.13	2.2	ng	78086	5	14.00	723935	20.0
Heneicosane	14.44	4.4	ng	157776	5	14.00	723935	20.0
Heptadecane, 2,6,...	14.74	7.4	ng	223763	6	15.47	605949	20.0
Octacosane	15.07	9.6	ng	290388	6	15.47	605949	20.0
2-methyloctacosane	15.87	9.6	ng	290903	6	15.47	605949	20.0
Pentacosane	16.36	7.0	ng	210766	6	15.47	605949	20.0