

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
 Data File : BF114678.D
 Acq On : 30 May 2019 23:27
 Operator : HP/JU
 Sample : K3068-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8W(3.5-4.5)

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-BF052919.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	4.893	474	477	486	rVB	100740	132072	1.65%	0.168%
2	5.304	541	547	550	rBV	6707794	6849737	85.83%	8.692%
3	6.334	716	722	725	rBV	6650401	7193257	90.13%	9.128%
4	6.463	740	744	748	rBV	7000192	7331189	91.86%	9.303%
5	6.698	780	784	787	rBV	2455741	2088208	26.16%	2.650%
6	6.851	806	810	814	rBV	6273355	5895373	73.87%	7.481%
7	7.257	873	879	882	rBV	4804498	4547822	56.98%	5.771%
8	7.975	997	1001	1004	rBV	3244054	2609848	32.70%	3.312%
9	9.051	1179	1184	1187	rBV	8757558	7981013	100.00%	10.127%
10	9.439	1247	1250	1253	rBV	810338	641028	8.03%	0.813%
11	9.580	1271	1274	1279	rBV	207963	172655	2.16%	0.219%
12	9.722	1294	1298	1302	rBV	3233683	2720017	34.08%	3.451%
13	9.998	1341	1345	1348	rBV	101375	90623	1.14%	0.115%
14	10.504	1426	1431	1434	rBV	4209701	3880989	48.63%	4.925%
15	10.639	1448	1454	1456	rBV3	70243	95817	1.20%	0.122%
16	11.192	1545	1548	1551	rBV	2635340	2448402	30.68%	3.107%
17	11.216	1551	1552	1555	rVB	300313	177142	2.22%	0.225%
18	11.269	1558	1561	1564	rVB	180770	148642	1.86%	0.189%
19	11.410	1582	1585	1590	rBV2	109272	140800	1.76%	0.179%
20	11.510	1600	1602	1607	rVB2	82133	101018	1.27%	0.128%
21	11.739	1636	1641	1645	rBV2	839990	890802	11.16%	1.130%
22	11.804	1649	1652	1655	rBV	93546	103518	1.30%	0.131%
23	11.916	1669	1671	1675	rVB2	99686	93845	1.18%	0.119%
24	12.398	1750	1753	1756	rBV	868273	719079	9.01%	0.912%
25	12.521	1770	1774	1783	rBV	1127682	1329315	16.66%	1.687%
26	12.621	1787	1791	1794	rVV	855997	870590	10.91%	1.105%
27	12.657	1794	1797	1807	rVB	962788	1270541	15.92%	1.612%
28	12.780	1813	1818	1821	rBV	7093416	6665993	83.52%	8.459%
29	13.057	1863	1865	1868	rBV	150862	133463	1.67%	0.169%
30	13.686	1969	1972	1979	rVB4	590804	805305	10.09%	1.022%
31	13.815	1990	1994	1997	rBV2	2387602	2677408	33.55%	3.397%
32	14.010	2025	2027	2030	rBV	480409	430856	5.40%	0.547%
33	14.315	2076	2079	2082	rBV	974413	883125	11.07%	1.121%
34	14.610	2126	2129	2134	rBV	1404486	1264770	15.85%	1.605%

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ClientSampleId :
B-8W(3.5-4.5)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.815	2162	2164	2167	rBV	361740	411609	5.16%	0.522%
36	14.921	2179	2182	2188	rVB2	1277548	1359546	17.03%	1.725%
37	15.210	2227	2231	2234	rVB	1212949	1397187	17.51%	1.773%
38	15.274	2238	2242	2252	rVB	1019197	1511160	18.93%	1.918%
39	15.674	2306	2310	2313	rVB	573921	743179	9.31%	0.943%

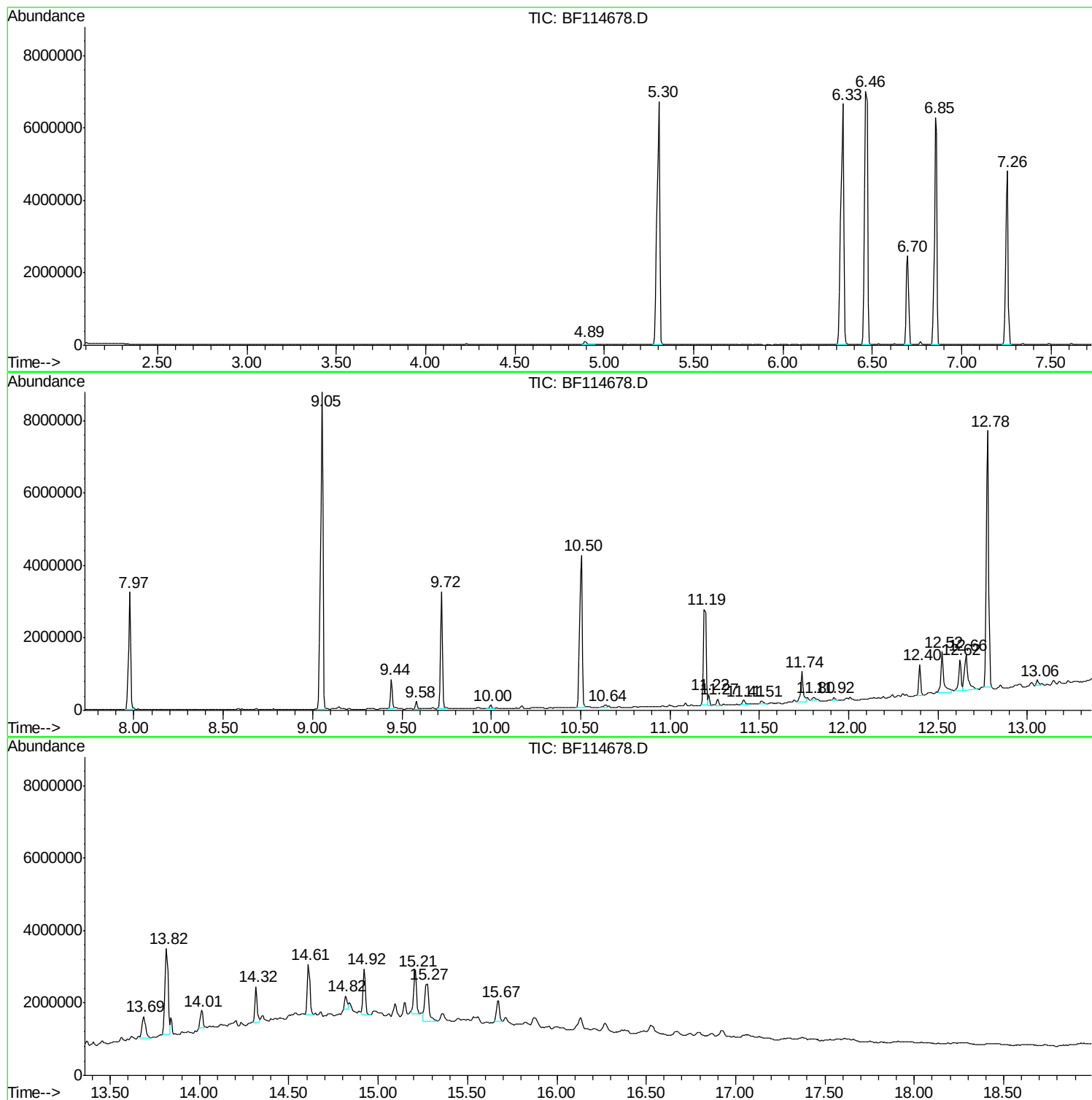
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Instrument :
BNA_F
ClientSampled :
B-8W(3.5-4.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.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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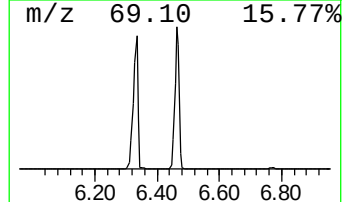
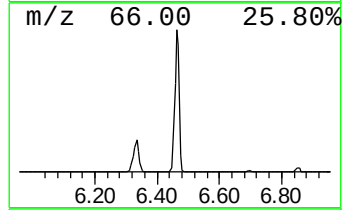
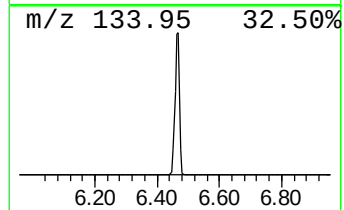
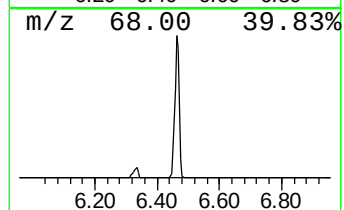
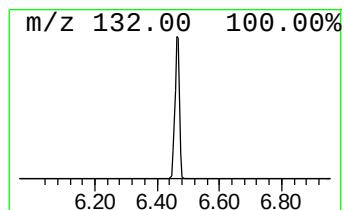
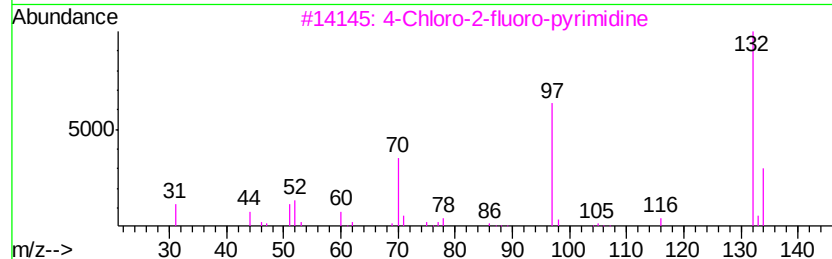
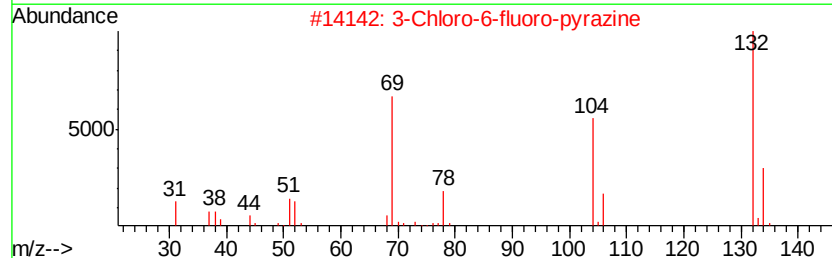
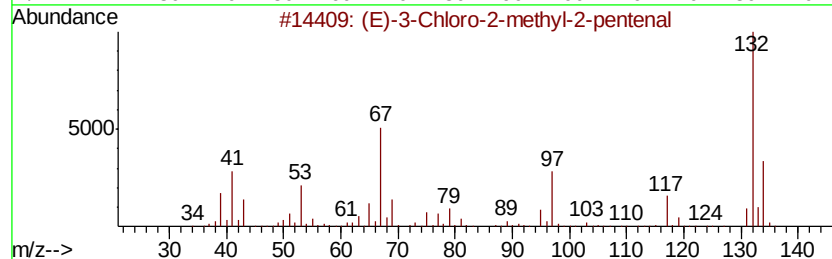
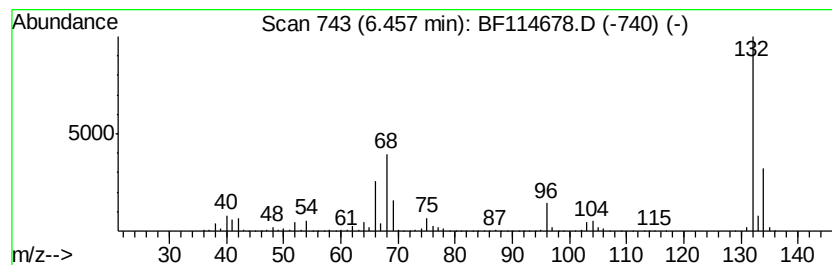
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	70.22 ng	7331190	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		2H-Cyclopentadipyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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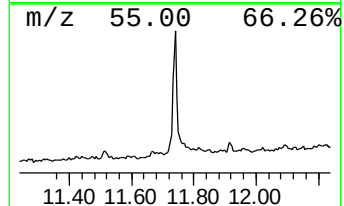
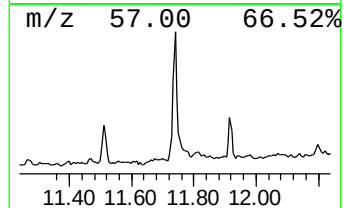
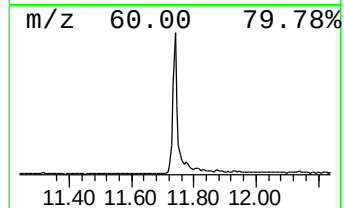
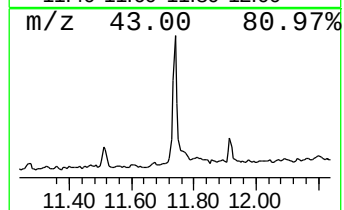
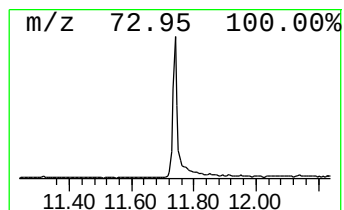
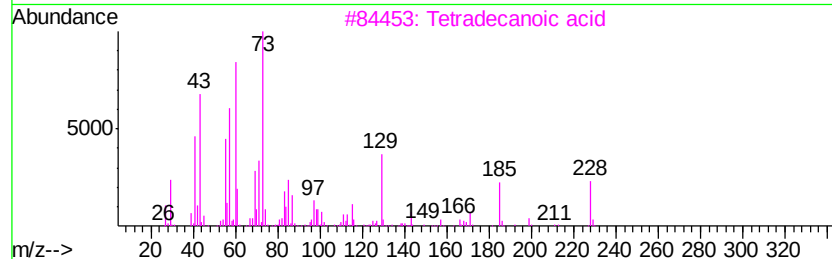
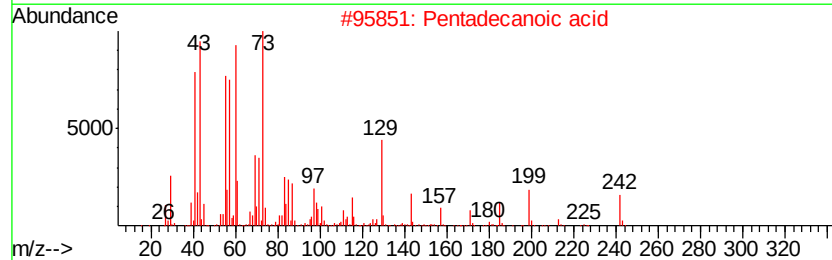
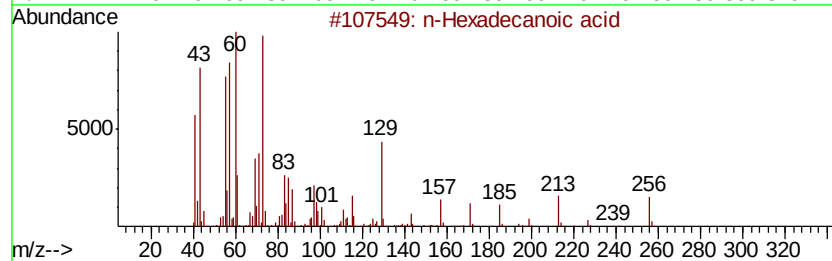
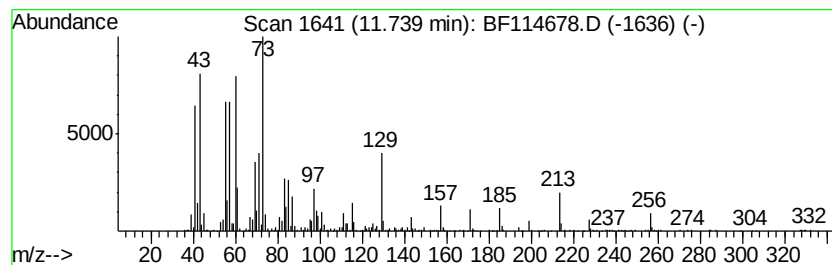
Instrument :
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B-8W(3.5-4.5)

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.74	7.28 ng	890802	Phenanthrene-d10		11.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



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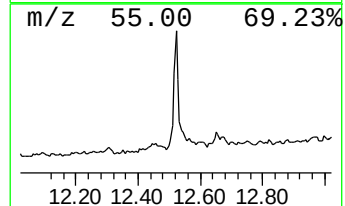
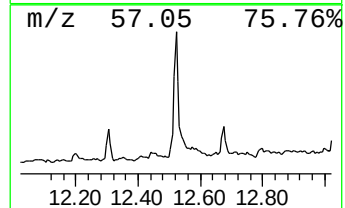
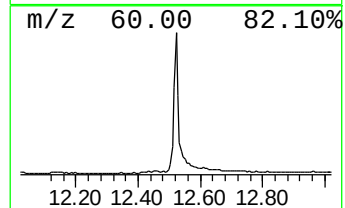
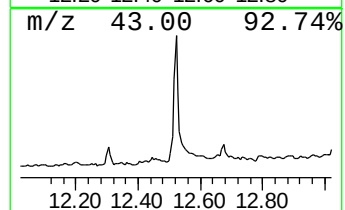
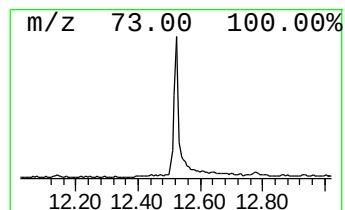
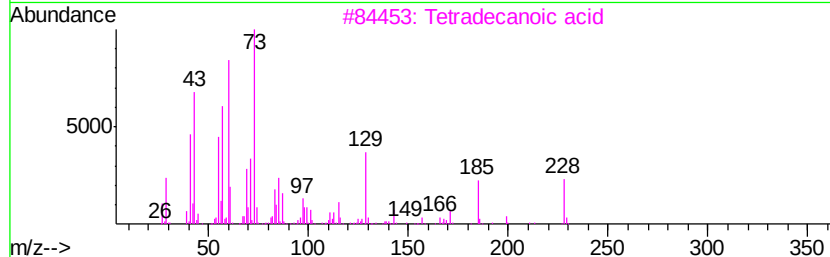
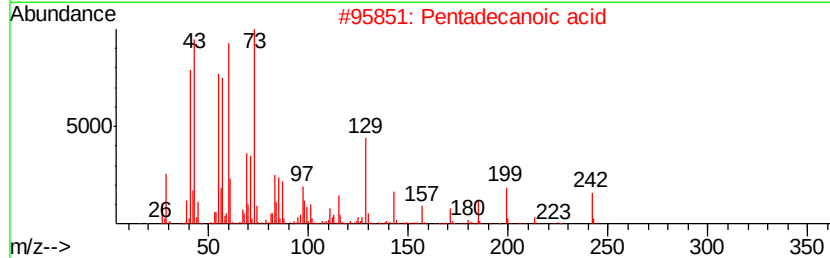
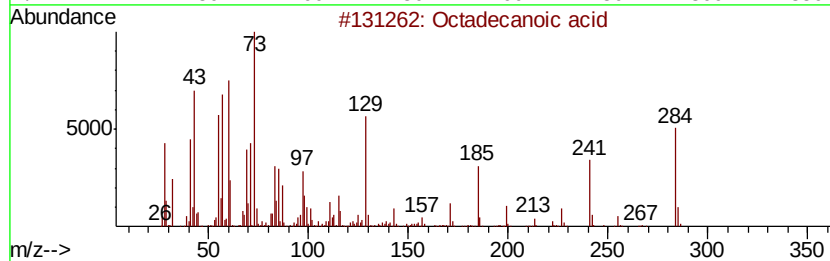
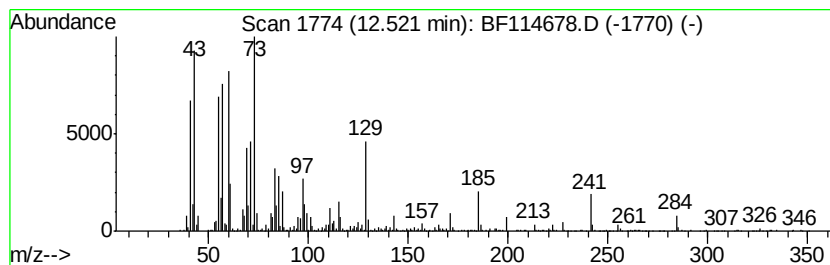
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	9.93 ng	1329320	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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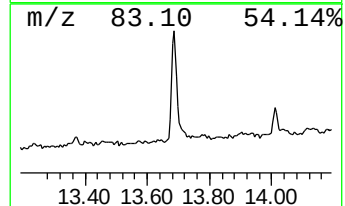
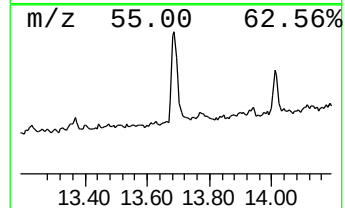
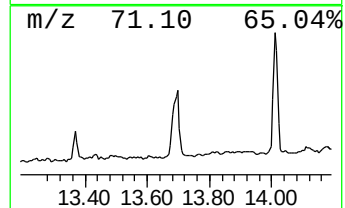
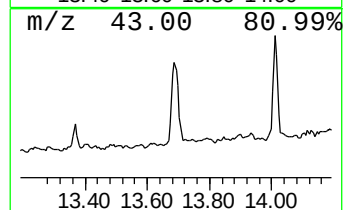
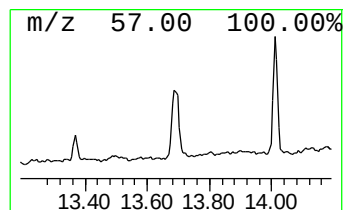
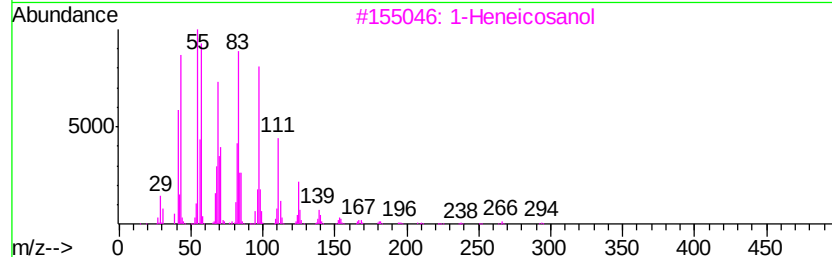
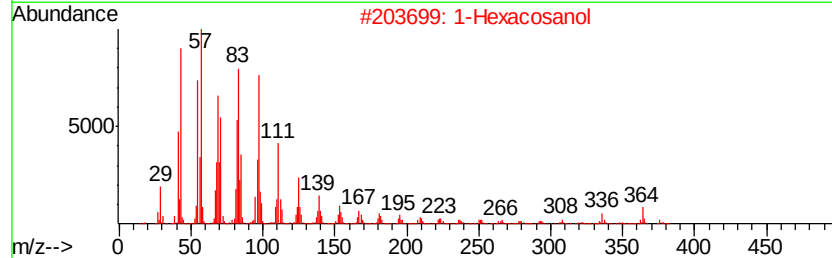
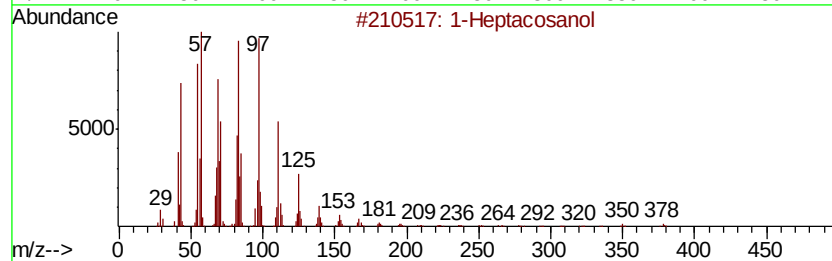
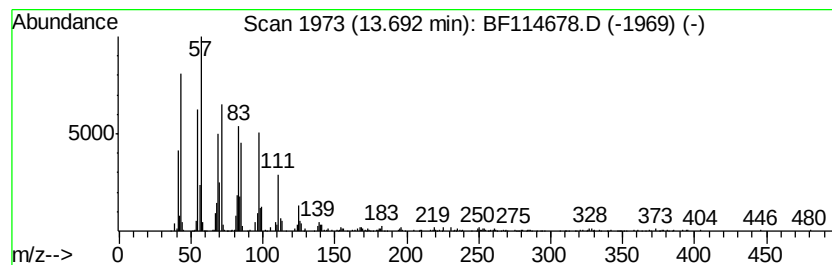
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Heptacosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	6.02 ng	805305	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Hexacosanol	382	C26H54O	000506-52-5	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90



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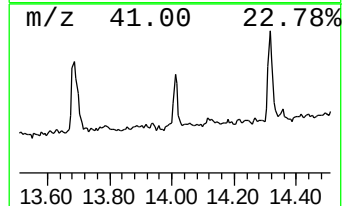
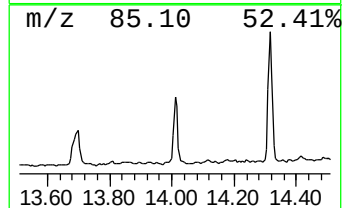
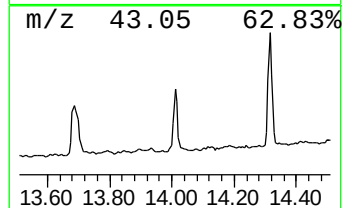
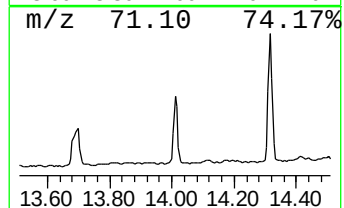
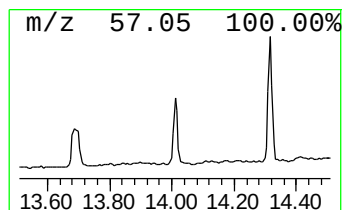
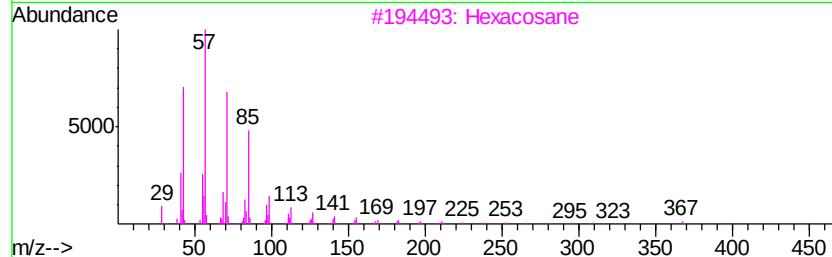
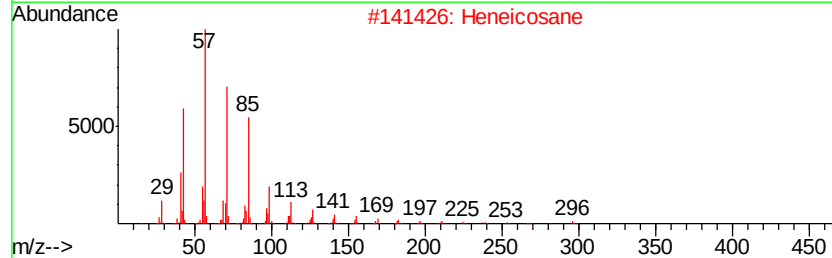
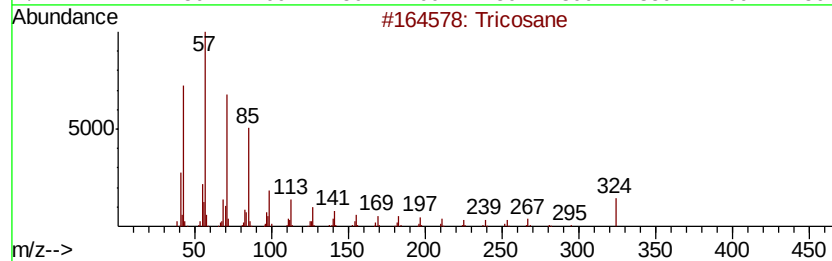
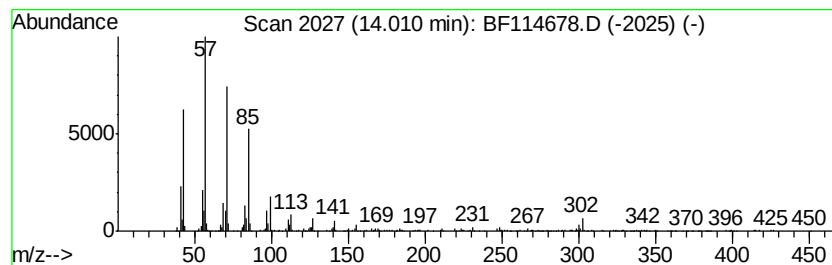
Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.01	3.22 ng	430856	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114678.D
Acq On : 30 May 2019 23:27
Operator : HP/JU
Sample : K3068-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

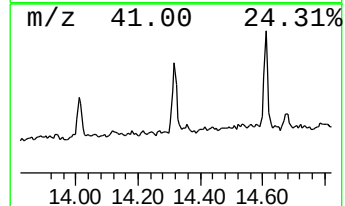
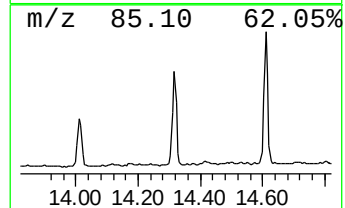
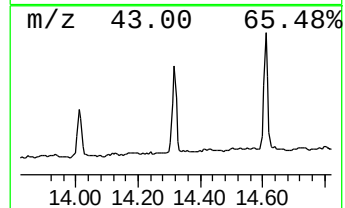
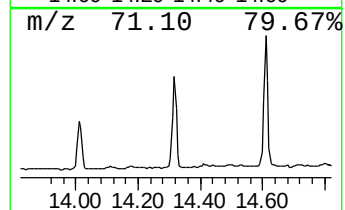
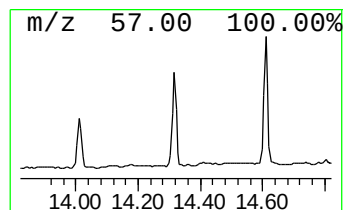
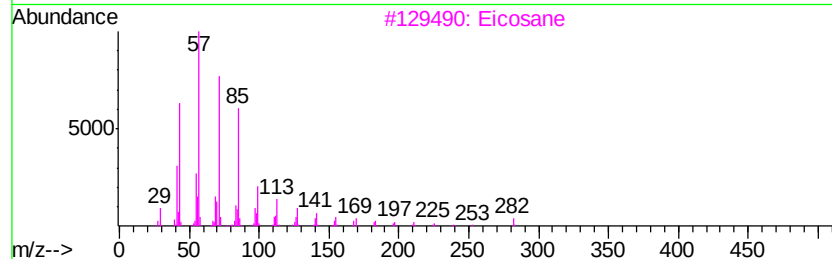
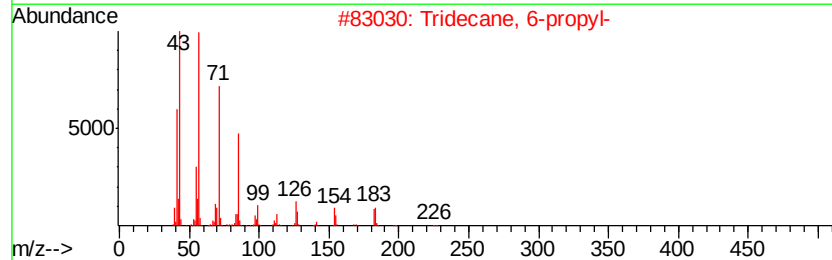
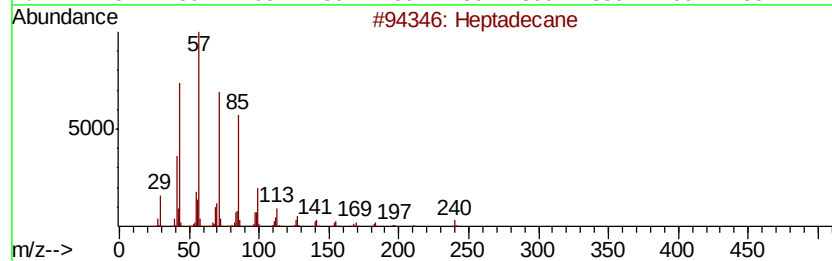
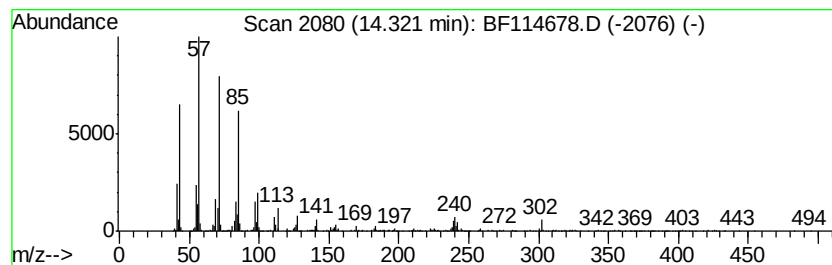
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	6.60 ng	883125	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114678.D
Acq On : 30 May 2019 23:27
Operator : HP/JU
Sample : K3068-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

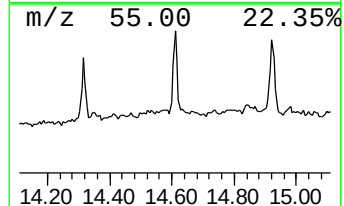
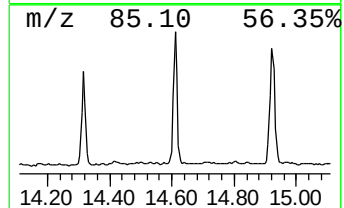
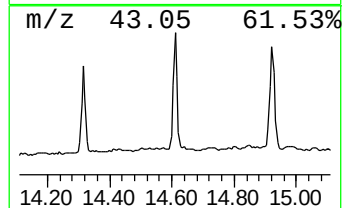
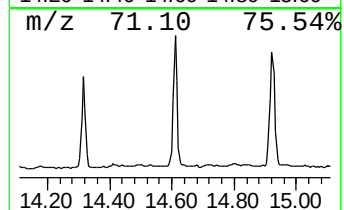
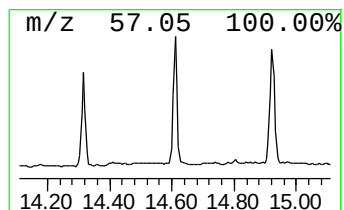
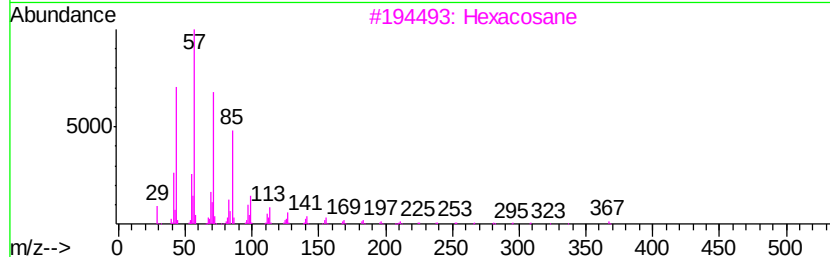
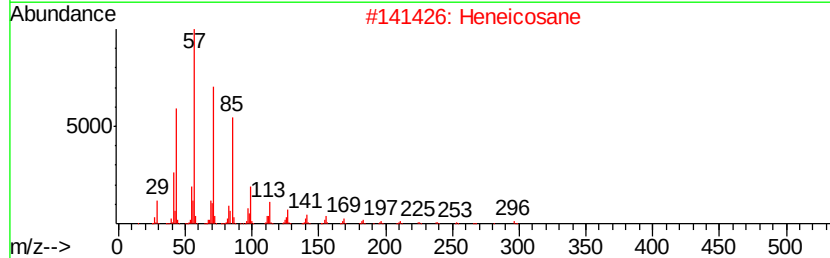
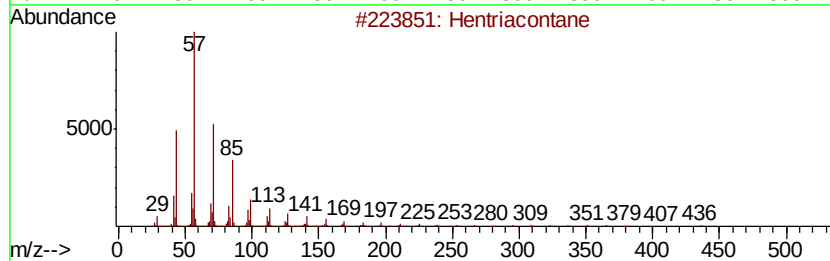
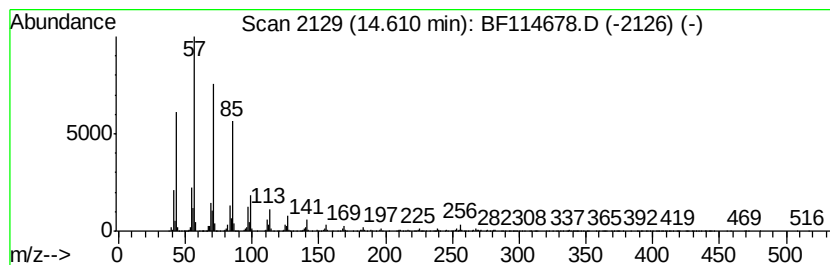
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
14.61	18.10 ng	1264770	Perylene-d12	15.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	92
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114678.D
Acq On : 30 May 2019 23:27
Operator : HP/JU
Sample : K3068-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

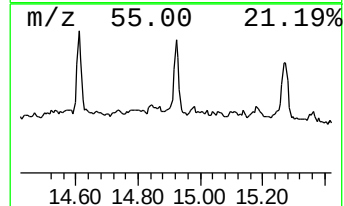
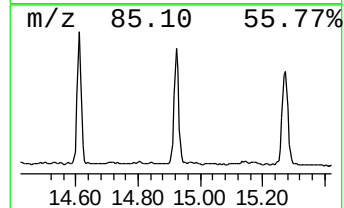
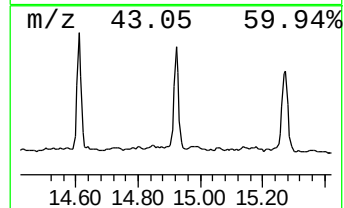
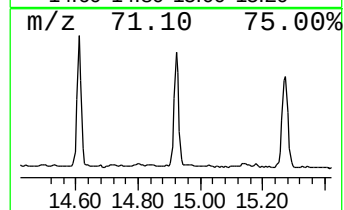
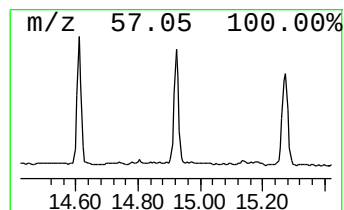
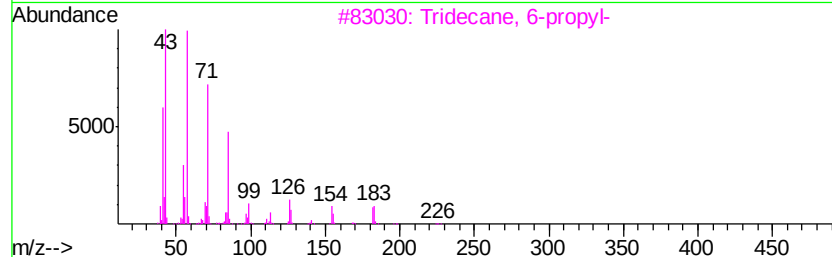
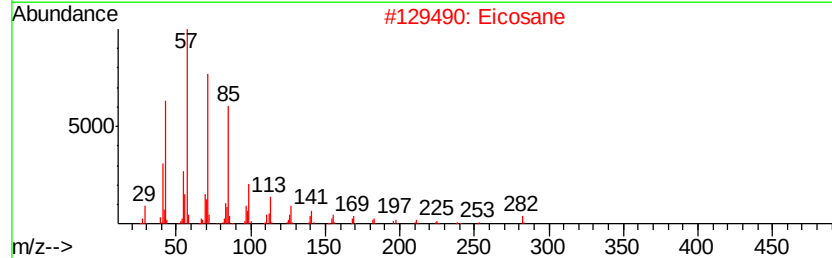
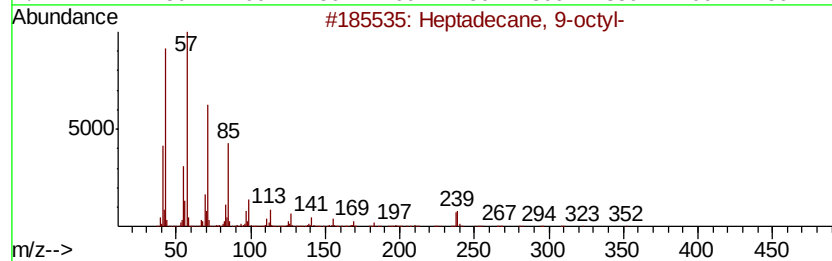
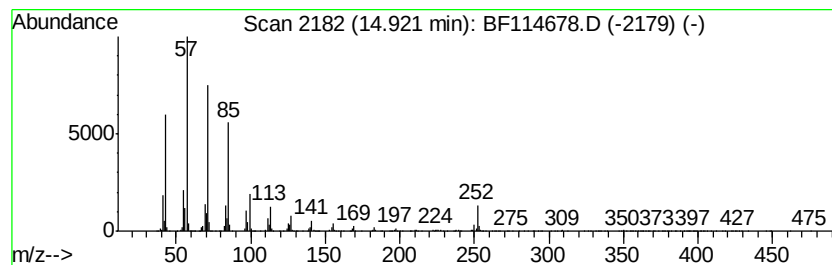
Instrument :
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ClientSampleId :
B-8W(3.5-4.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	19.46 ng	1359550	Perylene-d12	15.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 93
2		Eicosane	282 C20H42	000112-95-8 90
3		Tridecane, 6-propyl-	226 C16H34	055045-10-8 90
4		Hexacosane	366 C26H54	000630-01-3 87
5		Octadecane	254 C18H38	000593-45-3 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114678.D
Acq On : 30 May 2019 23:27
Operator : HP/JU
Sample : K3068-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8W(3.5-4.5)

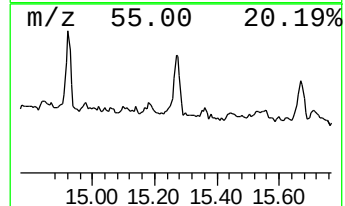
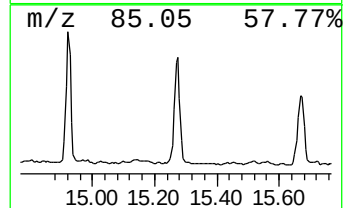
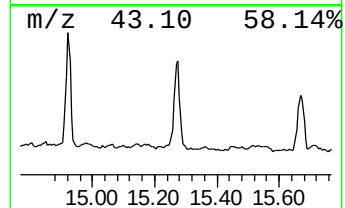
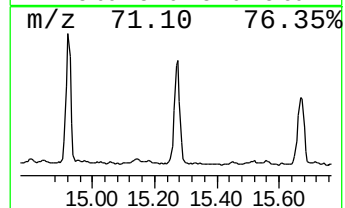
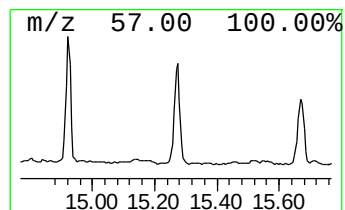
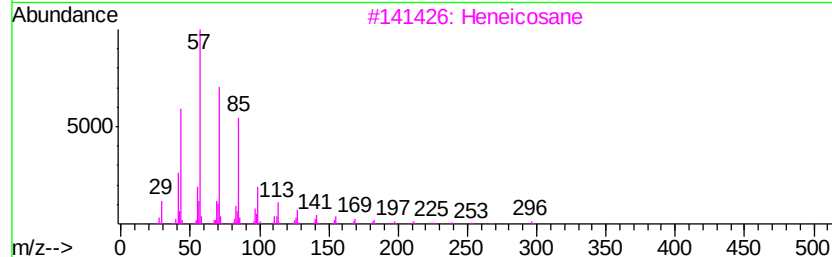
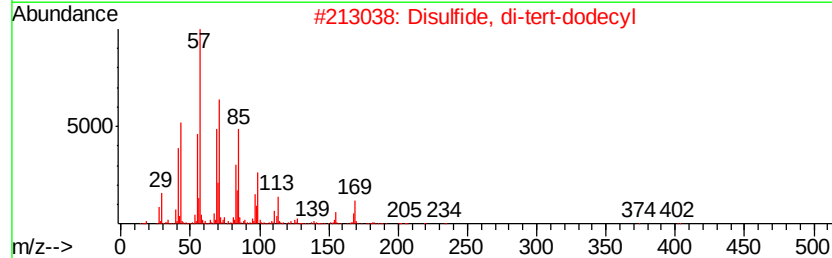
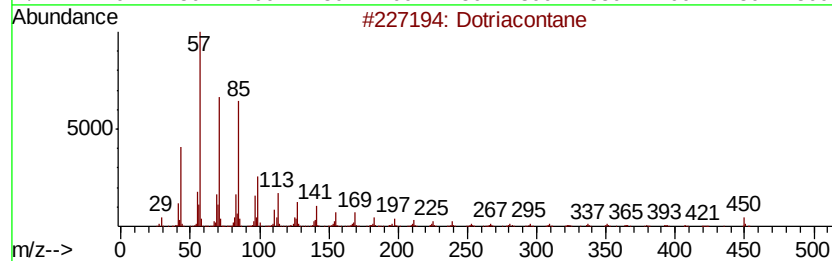
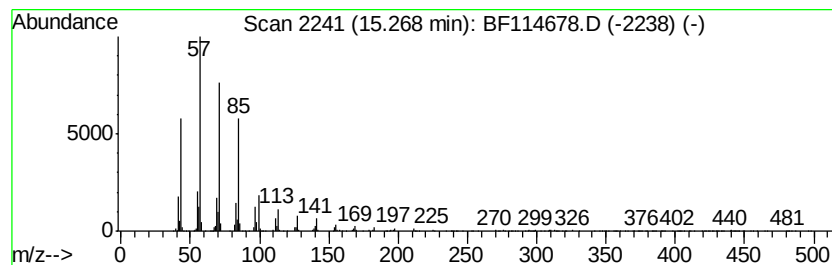
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dotriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	21.63 ng	1511160	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	94
2		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114678.D
Acq On : 30 May 2019 23:27
Operator : HP/JU
Sample : K3068-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-8W(3.5-4.5)

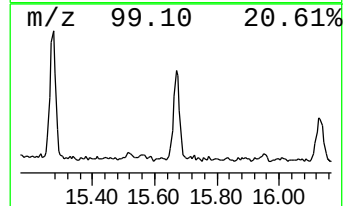
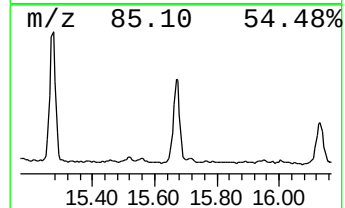
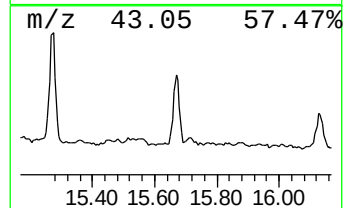
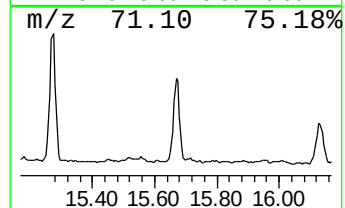
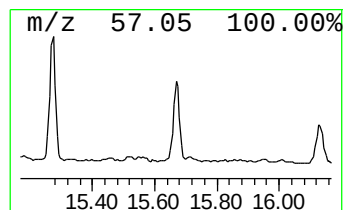
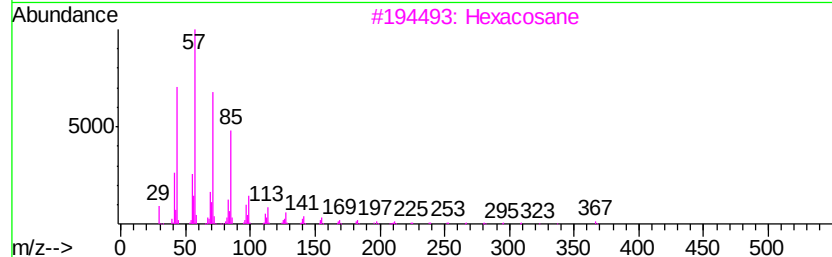
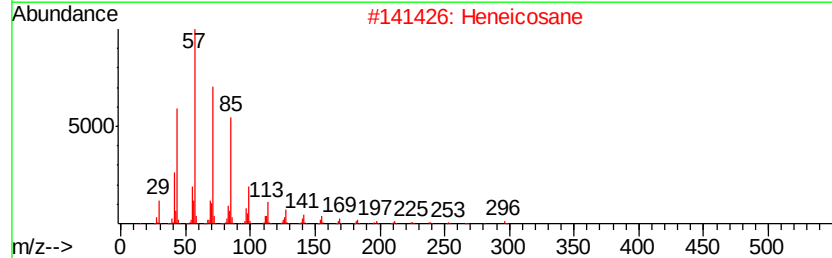
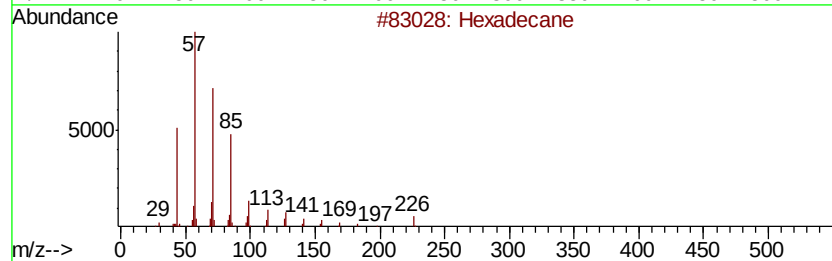
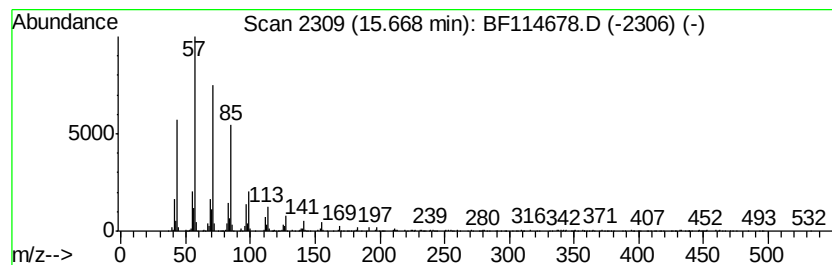
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	10.64 ng	743179	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
 Data File : BF114678.D
 Acq On : 30 May 2019 23:27
 Operator : HP/JU
 Sample : K3068-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8W(3.5-4.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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n-Hexadecanoic acid	11.74	7.3	ng	890802	4	11.19	2448400	20.0
Octadecanoic acid	12.52	9.9	ng	1329320	5	13.82	2677410	20.0
1-Heptacosanol	13.69	6.0	ng	805305	5	13.82	2677410	20.0
Tricosane	14.01	3.2	ng	430856	5	13.82	2677410	20.0
Heptadecane	14.32	6.6	ng	883125	5	13.82	2677410	20.0
Hentriacontane	14.61	18.1	ng	1264770	6	15.21	1397190	20.0
Heptadecane, 9-oc...	14.92	19.5	ng	1359550	6	15.21	1397190	20.0
Dotriacontane	15.27	21.6	ng	1511160	6	15.21	1397190	20.0
Hexadecane	15.67	10.6	ng	743179	6	15.21	1397190	20.0