

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096244.D
 Acq On : 28 Jun 2017 12:47
 Operator : SJ/MA
 Sample : I3893-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC062317-1E

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:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	19	rVB	30657	58474	1.18%	0.116%
2	3.204	185	190	210	rBV	260172	576266	11.62%	1.146%
3	4.987	487	493	500	rBV	857671	1165109	23.49%	2.317%
4	5.404	558	564	567	rBV	4836272	4959455	100.00%	9.864%
5	6.416	726	736	739	rBV	4749873	4938348	99.57%	9.822%
6	6.551	754	759	763	rBV	4658005	4735364	95.48%	9.419%
7	6.781	793	798	802	rBV	1274195	1103988	22.26%	2.196%
8	6.939	821	825	828	rVB	3760565	3343283	67.41%	6.650%
9	7.339	888	893	896	rBV	3274244	3098260	62.47%	6.162%
10	7.445	905	911	913	rBV	91175	96910	1.95%	0.193%
11	7.963	995	999	1006	rBV	139094	135037	2.72%	0.269%
12	8.063	1012	1016	1019	rBV	1674244	1459233	29.42%	2.902%
13	9.139	1194	1199	1202	rBV	4381393	4158701	83.85%	8.272%
14	9.527	1261	1265	1268	rBV	686166	578471	11.66%	1.151%
15	9.757	1302	1304	1308	rVB	75502	66154	1.33%	0.132%
16	9.816	1309	1314	1317	rBV	1583894	1472374	29.69%	2.929%
17	10.021	1345	1349	1352	rVB	64766	69215	1.40%	0.138%
18	10.257	1386	1389	1392	rVB	137892	108624	2.19%	0.216%
19	10.480	1423	1427	1429	rBV	58796	61682	1.24%	0.123%
20	10.598	1442	1447	1450	rBV	2770082	2680183	54.04%	5.331%
21	10.727	1466	1469	1475	rVB	164563	236257	4.76%	0.470%
22	10.933	1500	1504	1506	rBV4	62289	84004	1.69%	0.167%
23	11.174	1542	1545	1549	rBV2	118251	109072	2.20%	0.217%
24	11.210	1549	1551	1554	rVB	64120	51104	1.03%	0.102%
25	11.292	1561	1565	1568	rBV	1483166	1332067	26.86%	2.650%
26	11.363	1572	1577	1581	rBV3	41320	63146	1.27%	0.126%
27	11.527	1602	1605	1608	rBV	216944	169369	3.42%	0.337%
28	11.604	1615	1618	1620	rBV	80394	66283	1.34%	0.132%
29	11.698	1631	1634	1637	rBV	78889	66013	1.33%	0.131%
30	11.827	1648	1656	1660	rBV	1026173	1450506	29.25%	2.885%
31	11.963	1676	1679	1682	rBV3	70307	98576	1.99%	0.196%
32	12.227	1721	1724	1729	rBV5	39930	70420	1.42%	0.140%
33	12.345	1740	1744	1747	rBV4	85318	97973	1.98%	0.195%
34	12.398	1751	1753	1756	rVB2	98949	95177	1.92%	0.189%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.498	1765	1770	1772	rBV2	200759	323416	6.52%	0.643%
36	12.615	1784	1790	1801	rVB	2394170	4017812	81.01%	7.992%
37	12.727	1807	1809	1814	rVB	154141	124631	2.51%	0.248%
38	12.880	1830	1835	1838	rBV	3472819	3309386	66.73%	6.582%
39	13.157	1878	1882	1891	rVB	173202	336886	6.79%	0.670%
40	13.339	1908	1913	1915	rBV6	42428	80764	1.63%	0.161%
41	13.433	1927	1929	1932	rVB	57400	50879	1.03%	0.101%
42	13.774	1984	1987	1998	rVB	530547	554470	11.18%	1.103%
43	13.880	2001	2005	2008	rBV3	127050	230002	4.64%	0.457%
44	13.921	2008	2012	2015	rVB	1207058	1075239	21.68%	2.139%
45	14.409	2093	2095	2098	rBV3	59102	56018	1.13%	0.111%
46	14.462	2100	2104	2109	rVV2	132545	212762	4.29%	0.423%
47	15.351	2250	2255	2260	rBV	790242	939173	18.94%	1.868%
48	15.862	2339	2342	2348	rVB2	75121	109514	2.21%	0.218%

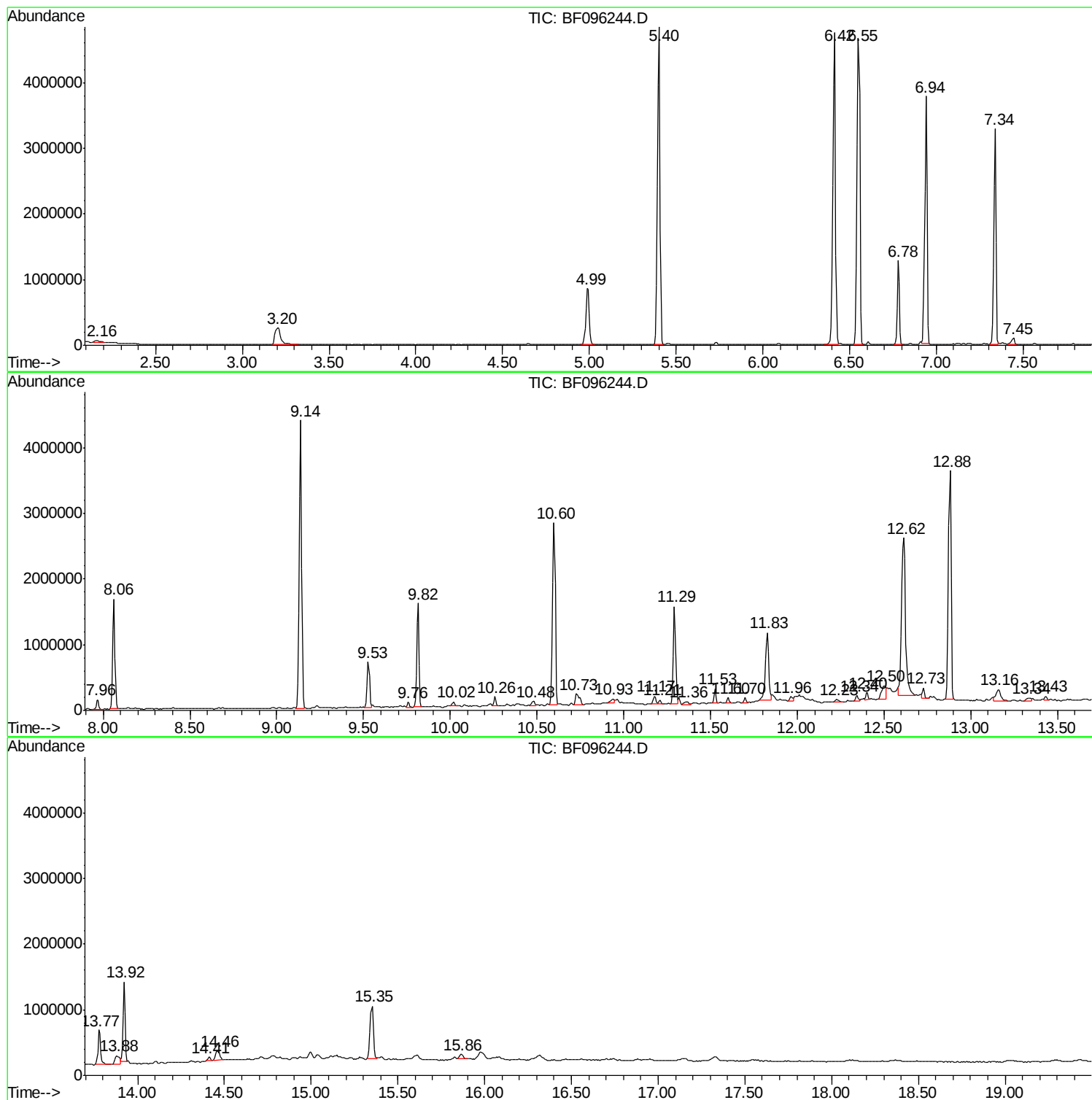
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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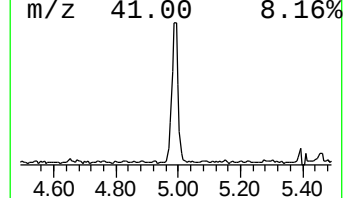
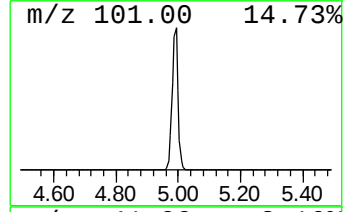
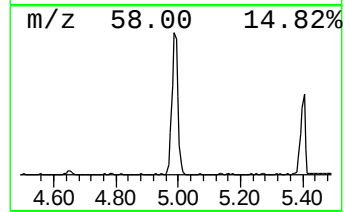
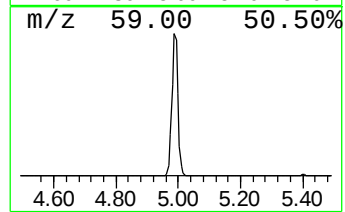
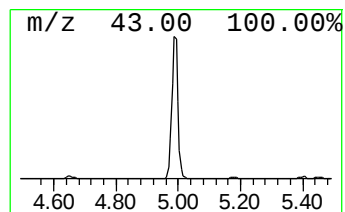
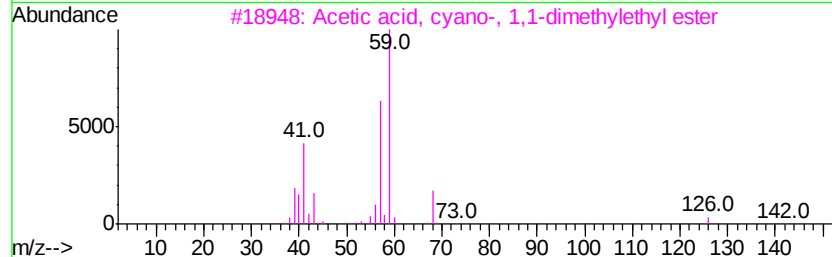
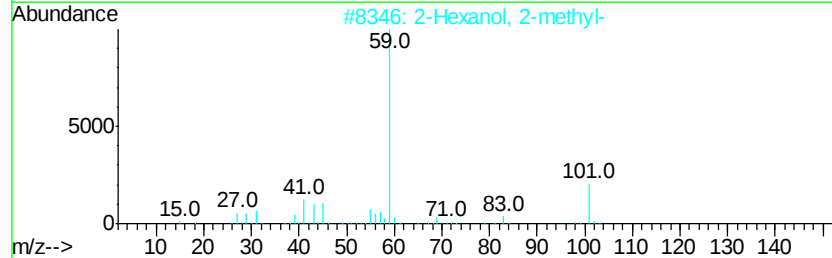
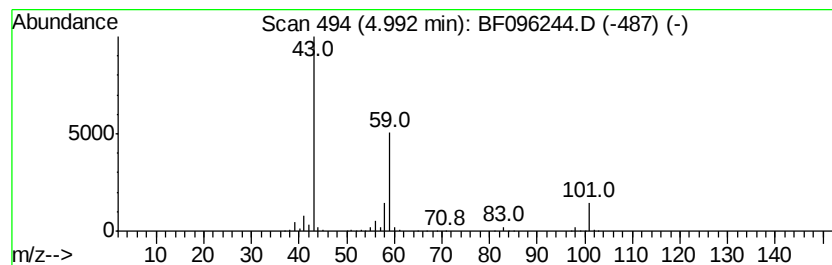
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	21.11 ng	1165110	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	9



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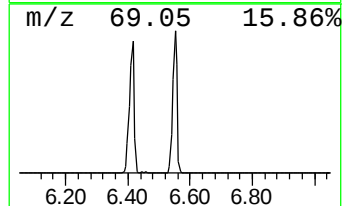
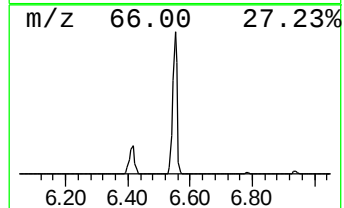
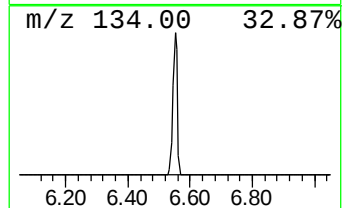
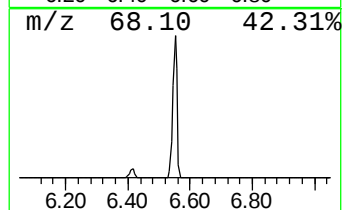
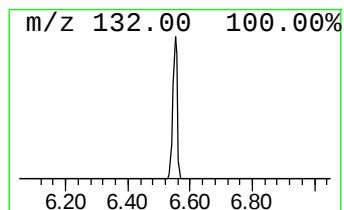
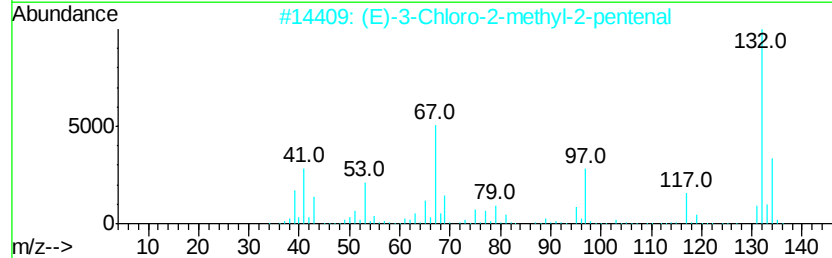
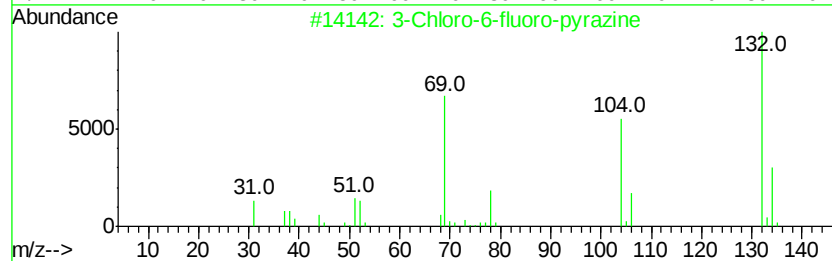
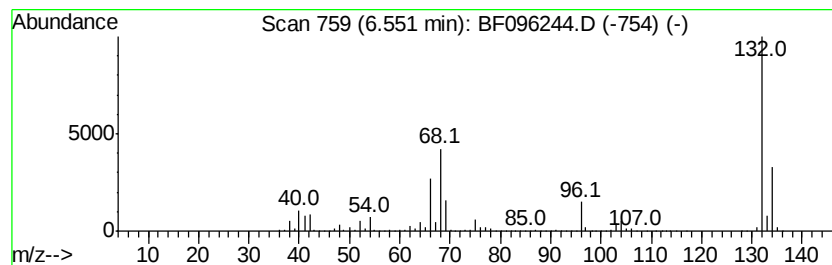
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	85.79 ng	4735360	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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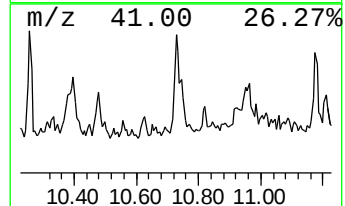
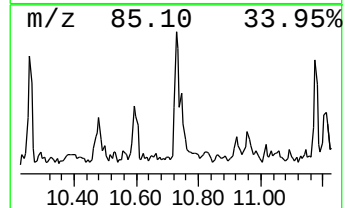
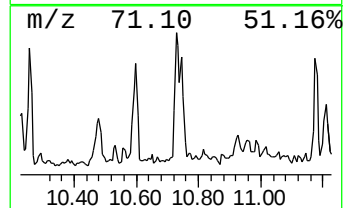
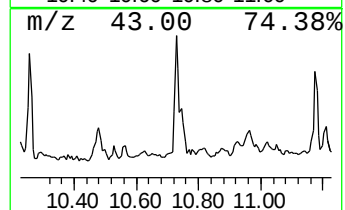
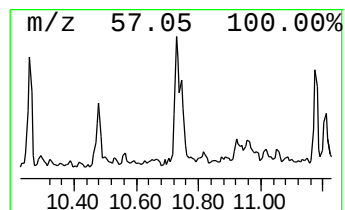
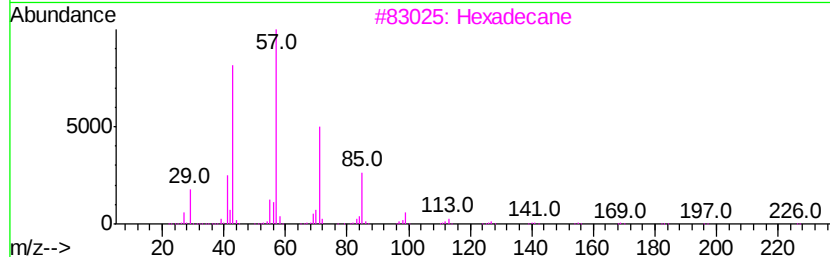
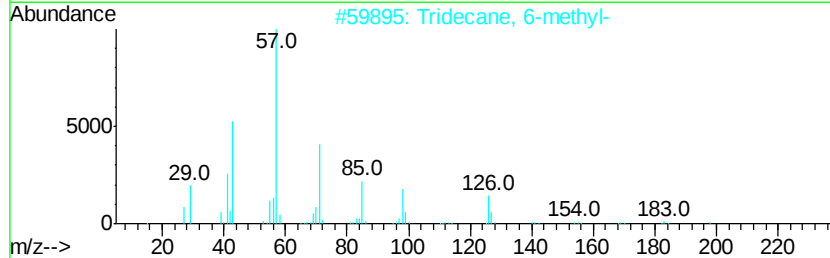
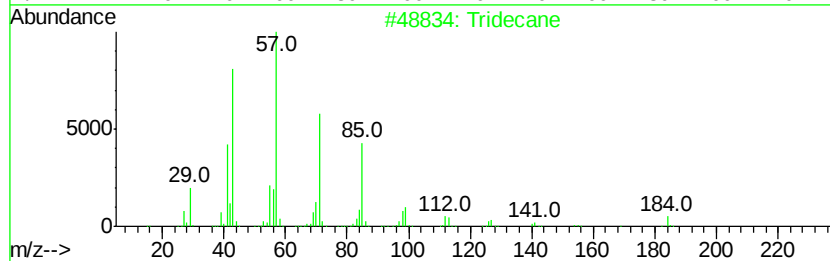
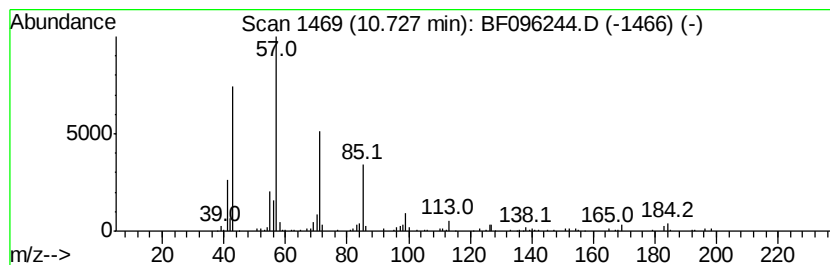
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.73	3.55 ng	236257	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Tetradecane	198	C14H30	000629-59-4	81



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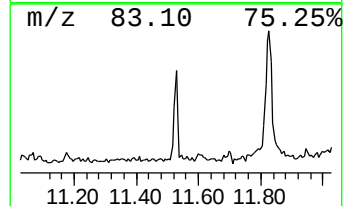
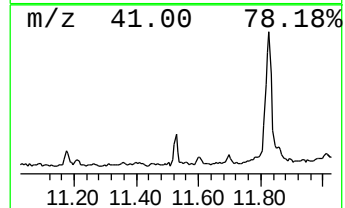
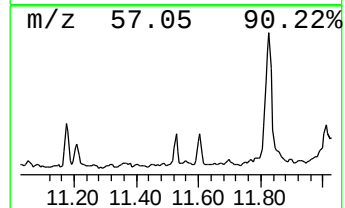
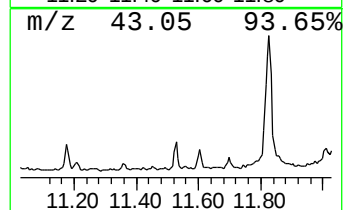
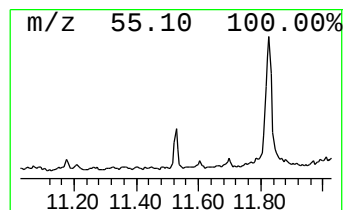
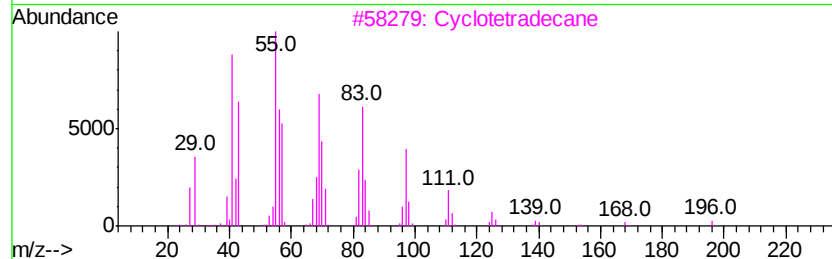
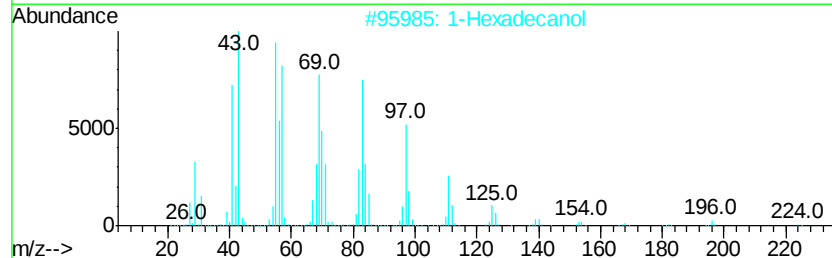
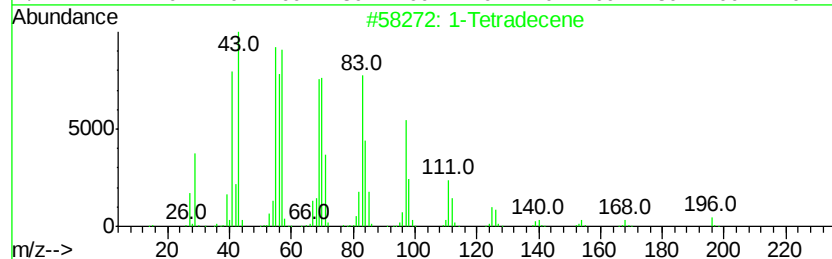
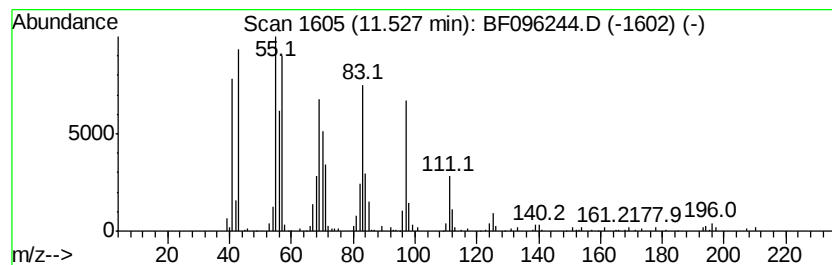
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Tetradecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.53	2.54 ng	169369	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	Cvcclotetradecane	196	C14H28	000295-17-0	94
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91



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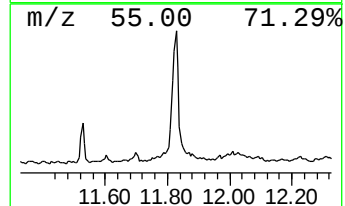
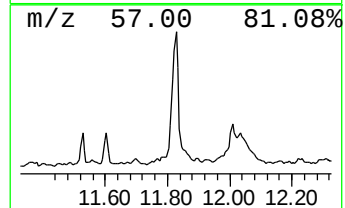
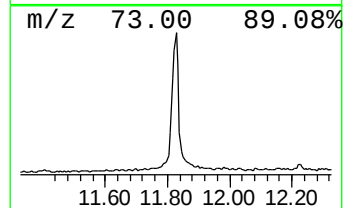
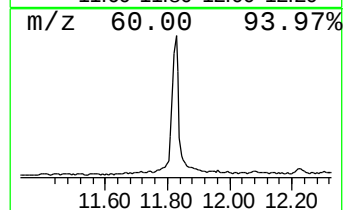
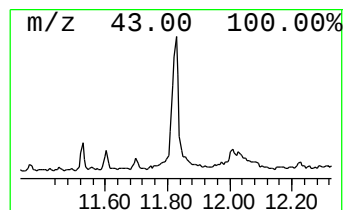
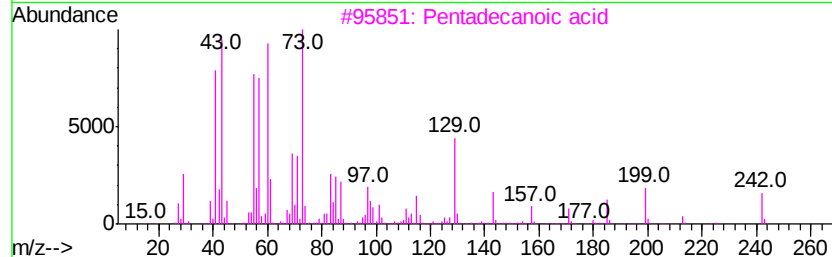
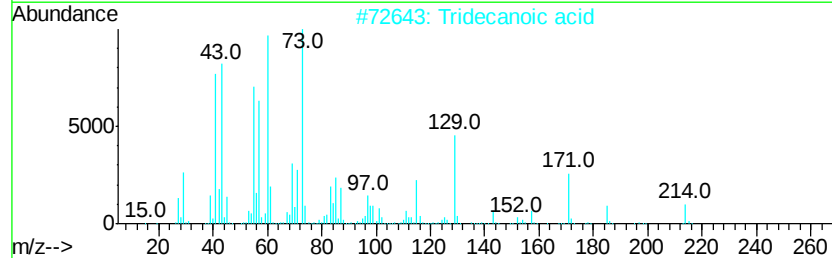
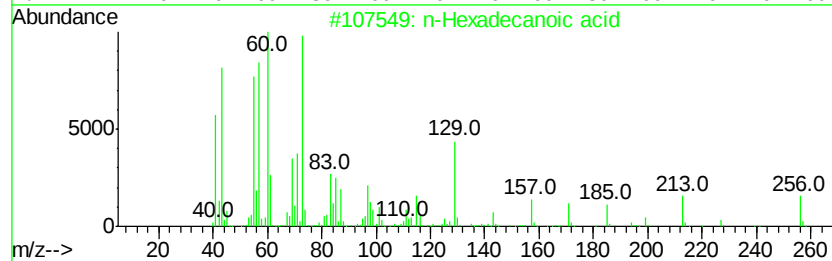
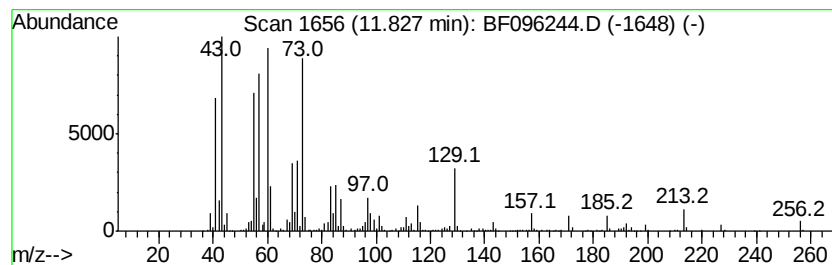
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	21.78 ng	1450510	Phenanthrene-d10	11.29

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096244.D
Acq On : 28 Jun 2017 12:47
Operator : SJ/MA
Sample : I3893-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

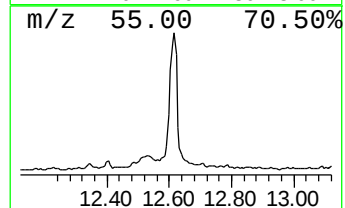
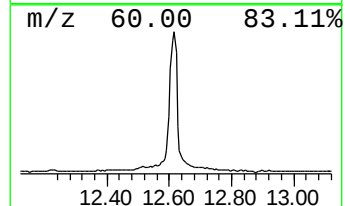
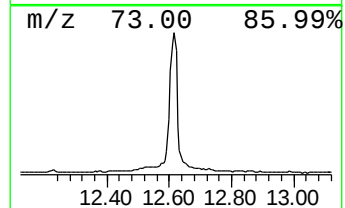
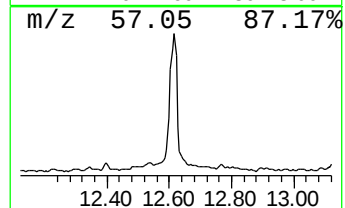
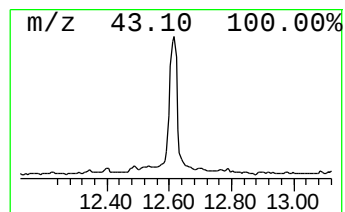
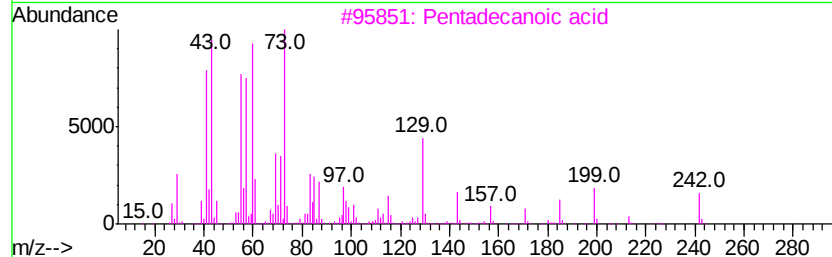
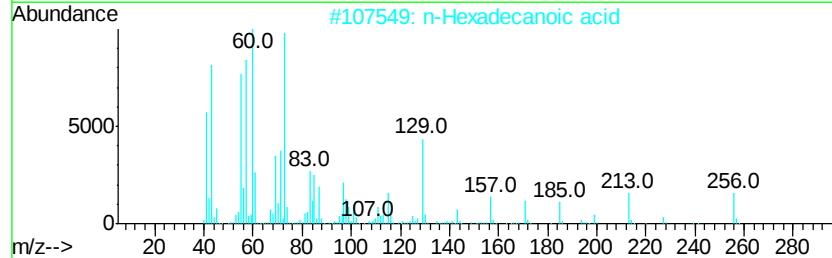
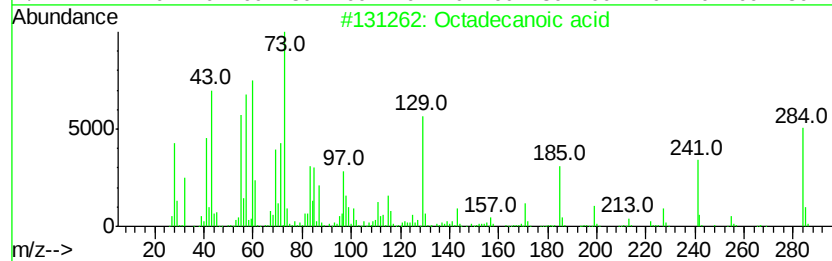
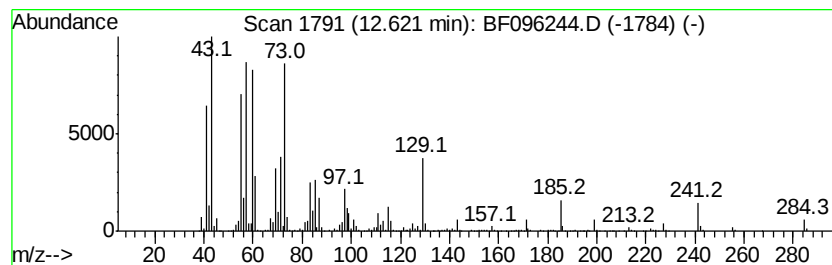
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	74.73 ng	4017810	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 98
2		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 93
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 87
4		Dodecanoic acid	200 C12H24O2	000143-07-7 70
5		Tridecanoic acid	214 C13H26O2	000638-53-9 68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096244.D
Acq On : 28 Jun 2017 12:47
Operator : SJ/MA
Sample : I3893-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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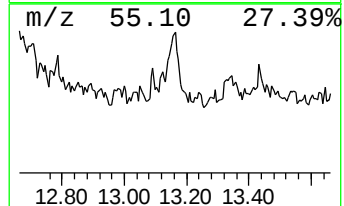
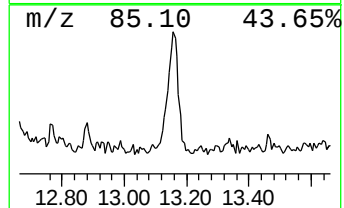
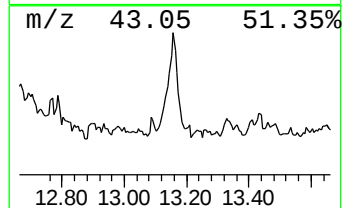
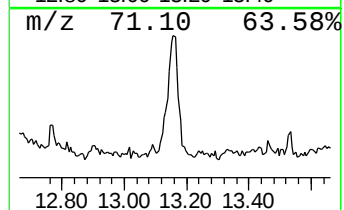
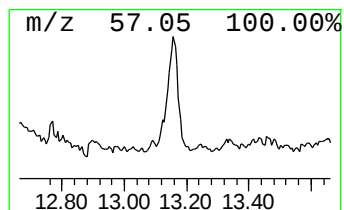
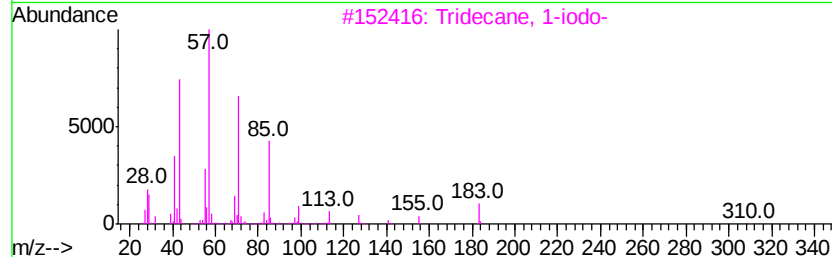
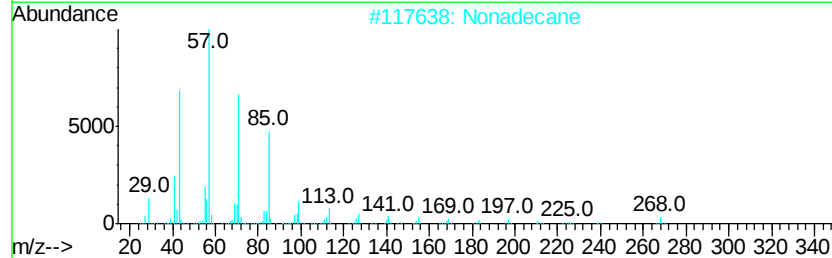
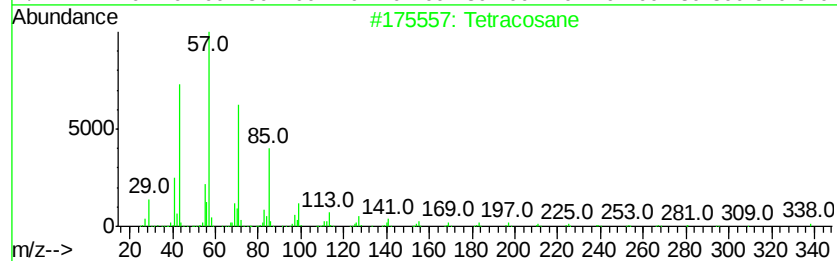
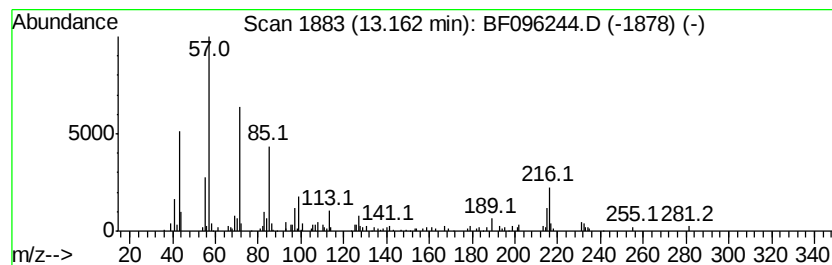
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	6.27 ng	336886	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	74
2		Nonadecane	268	C19H40	000629-92-5	72
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Hexacosane	366	C26H54	000630-01-3	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096244.D
Acq On : 28 Jun 2017 12:47
Operator : SJ/MA
Sample : I3893-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC062317-1E

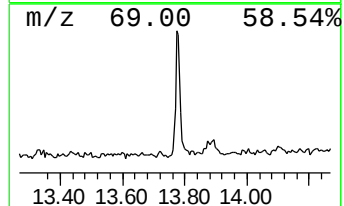
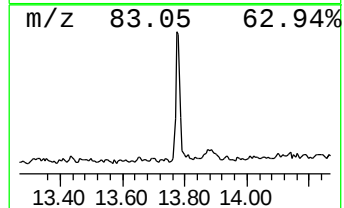
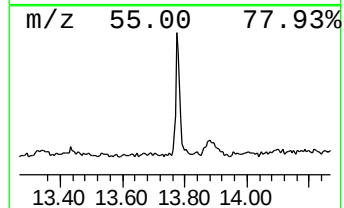
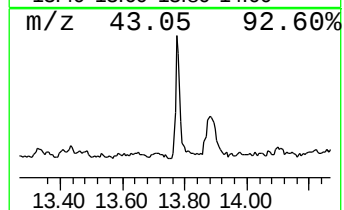
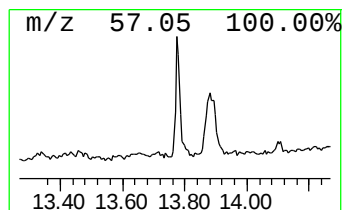
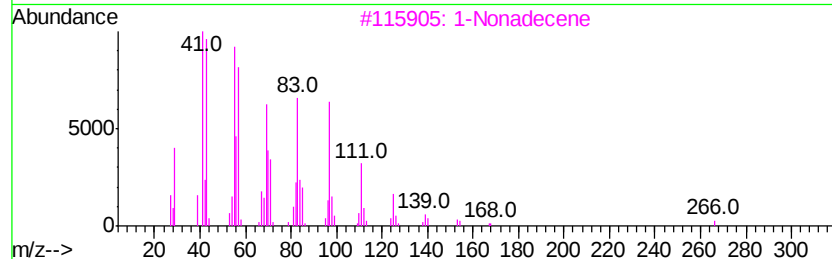
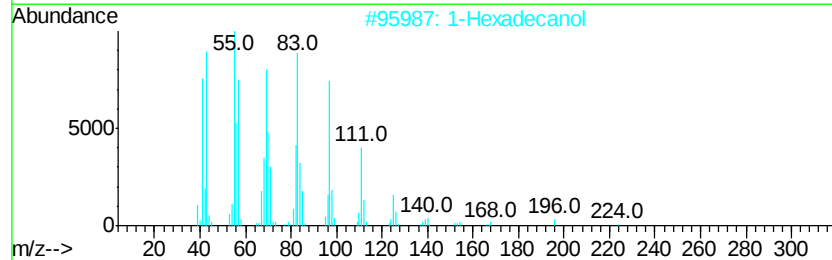
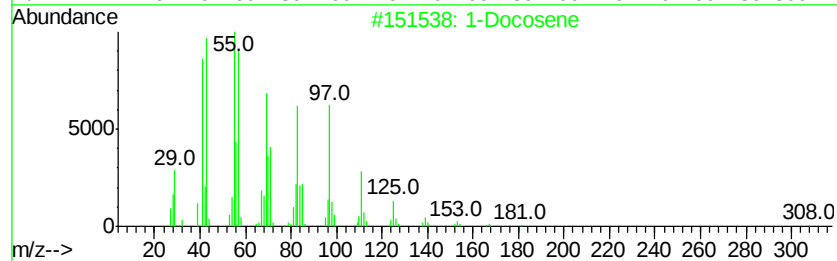
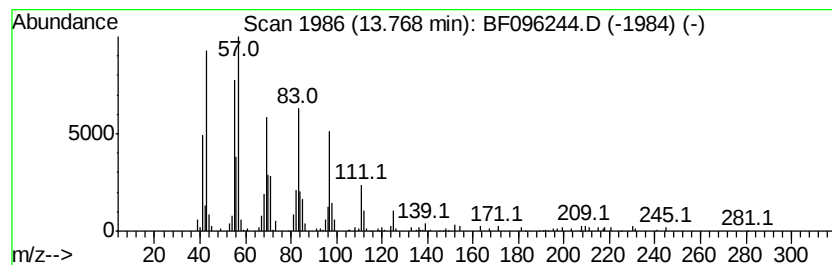
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	10.31 ng	554470	Chrysene-d12	13.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	94
2			1-Hexadecanol	242	C16H34O	036653-82-4	91
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5			E-15-Heptadecenal	252	C17H32O	1000130-97-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096244.D
Acq On : 28 Jun 2017 12:47
Operator : SJ/MA
Sample : I3893-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

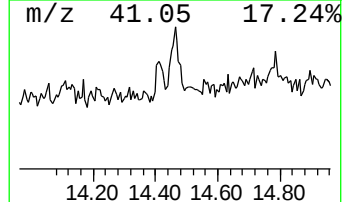
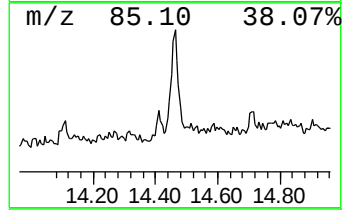
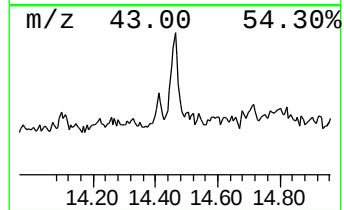
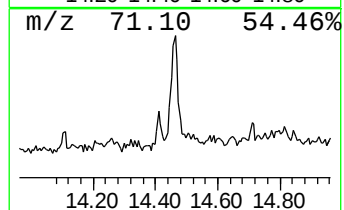
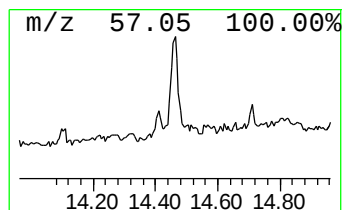
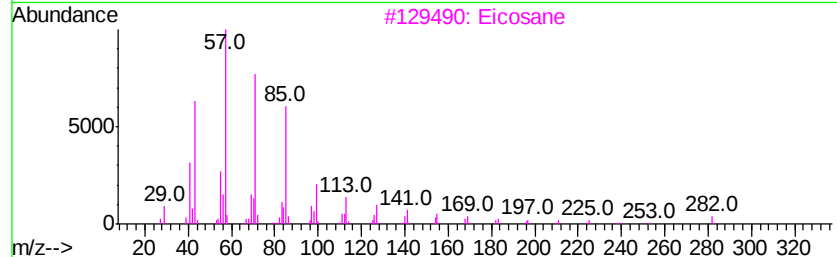
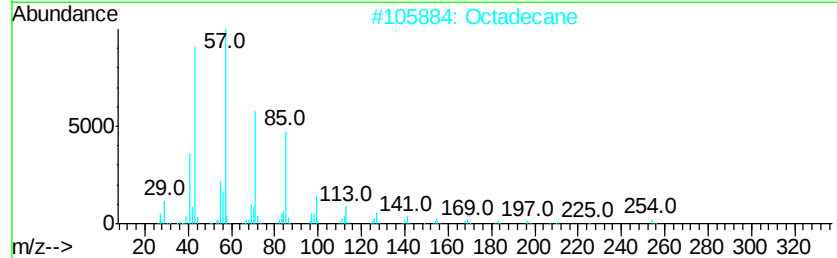
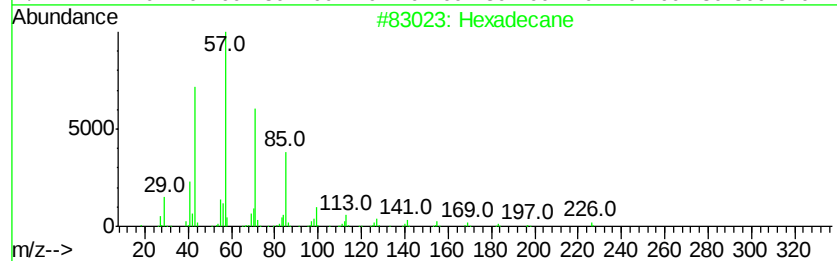
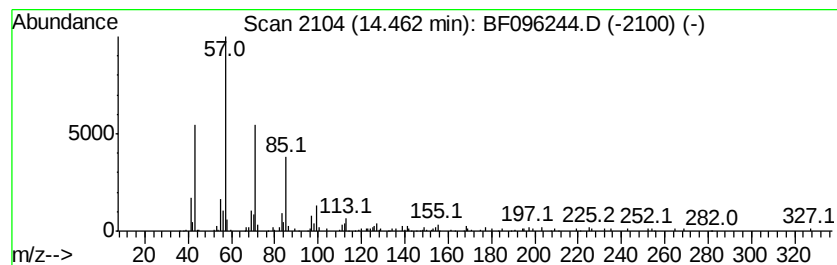
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.46	3.96 ng	212762	Chrysene-d12		13.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Octadecane	254	C18H38	000593-45-3	92
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
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Acq On : 28 Jun 2017 12:47
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Sample : I3893-01
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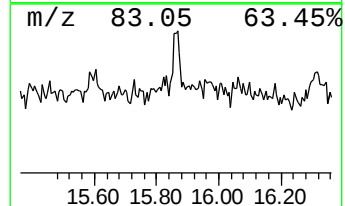
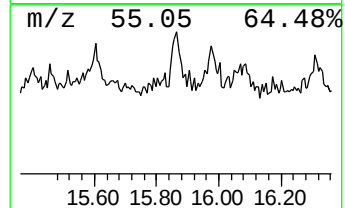
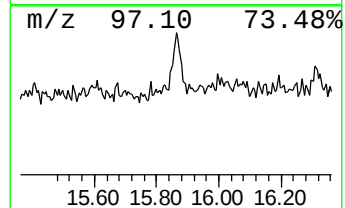
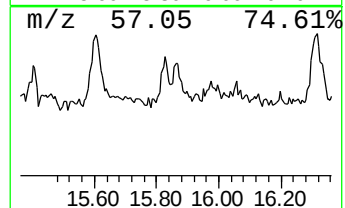
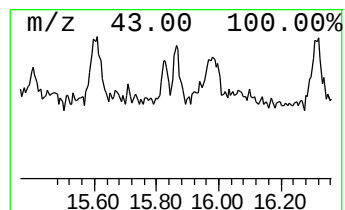
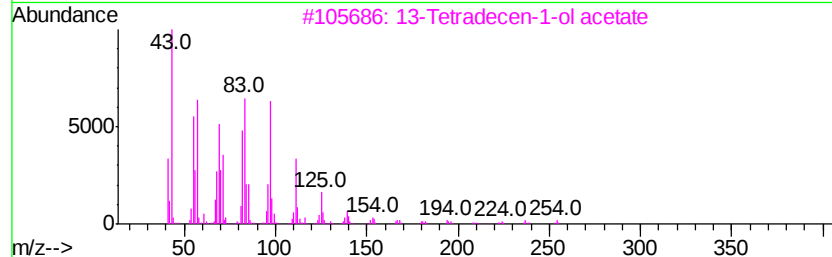
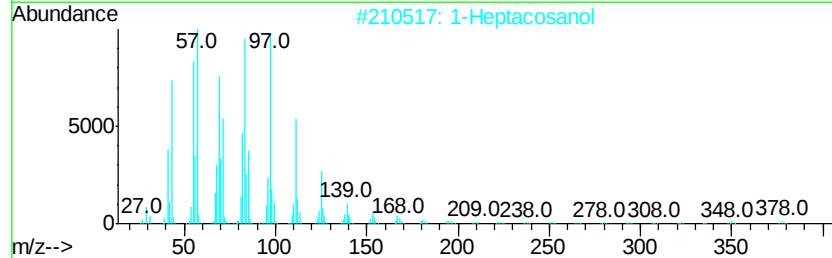
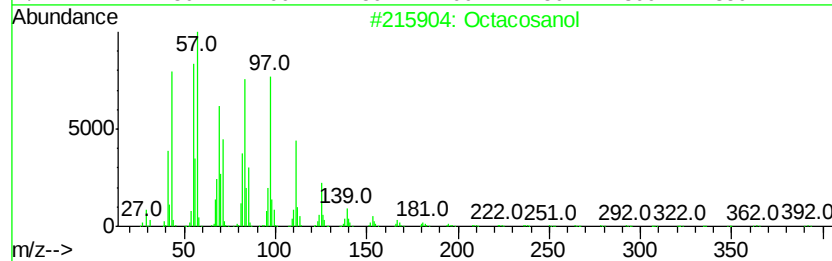
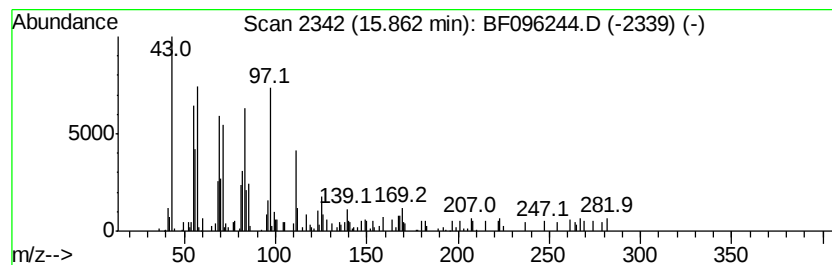
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.33 ng	109514	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosanol	410 C28H58O	000557-61-9 90
2		1-Heptacosanol	396 C27H56O	002004-39-9 90
3		13-Tetradecen-1-ol acetate	254 C16H30O2	056221-91-1 90
4		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 90
5		Heneicosyl heptafluorobutyrate	508 C25H43F7O2	1000351-83-8 87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
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Acq On : 28 Jun 2017 12:47
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Sample : I3893-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.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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unknown6.55	6.55	85.8	ng	4735360	1	6.78	1103990	20.0
Tridecane	10.73	3.5	ng	236257	4	11.29	1332070	20.0
1-Tetradecene	11.53	2.5	ng	169369	4	11.29	1332070	20.0
n-Hexadecanoic acid	11.83	21.8	ng	1450510	4	11.29	1332070	20.0
Octadecanoic acid	12.62	74.7	ng	4017810	5	13.92	1075240	20.0
Tetracosane	13.16	6.3	ng	336886	5	13.92	1075240	20.0
1-Docosene	13.77	10.3	ng	554470	5	13.92	1075240	20.0
Hexadecane	14.46	4.0	ng	212762	5	13.92	1075240	20.0
Octacosanol	15.86	2.3	ng	109514	6	15.35	939173	20.0