

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094686.D
 Acq On : 28 Apr 2017 16:27
 Operator : SJ/MA
 Sample : I2895-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.5-6.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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	3.943	337	341	349	rBV	456850	564696	17.78%	1.913%
2	4.331	403	407	420	rBV	3001445	3085301	97.15%	10.453%
3	4.713	468	472	477	rVB	37533	36315	1.14%	0.123%
4	5.401	584	589	592	rBV	2760309	3054025	96.17%	10.347%
5	5.525	605	610	614	rBV	3183145	3175723	100.00%	10.759%
6	5.772	648	652	656	rBV	561544	505027	15.90%	1.711%
7	5.948	677	682	685	rBV	2652623	2456501	77.35%	8.323%
8	6.419	757	762	766	rBV	1745453	1945732	61.27%	6.592%
9	7.260	901	905	909	rBV	749687	663564	20.89%	2.248%
10	8.583	1125	1130	1133	rBV	3174624	3073268	96.77%	10.412%
11	9.083	1212	1215	1224	rVB	255108	258520	8.14%	0.876%
12	9.395	1260	1268	1272	rBV2	713313	674038	21.22%	2.284%
13	9.989	1366	1369	1373	rVB	37237	35757	1.13%	0.121%
14	10.377	1429	1435	1438	rBV	1392900	1548202	48.75%	5.245%
15	10.577	1465	1469	1471	rBV	51462	58448	1.84%	0.198%
16	10.730	1492	1495	1498	rBV	44269	45789	1.44%	0.155%
17	11.130	1559	1563	1566	rBV	65427	71132	2.24%	0.241%
18	11.219	1573	1578	1582	rBV	594272	578279	18.21%	1.959%
19	11.360	1599	1602	1607	rBV5	26578	45383	1.43%	0.154%
20	11.654	1649	1652	1656	rBV2	43122	71020	2.24%	0.241%
21	11.719	1660	1663	1665	rBV	26808	33090	1.04%	0.112%
22	11.954	1699	1703	1712	rVB2	183143	267507	8.42%	0.906%
23	12.160	1736	1738	1752	rVB2	37325	67584	2.13%	0.229%
24	12.919	1862	1867	1873	rBV4	41841	68523	2.16%	0.232%
25	13.195	1909	1914	1918	rBV	2000324	2188606	68.92%	7.415%
26	13.507	1964	1967	1971	rBV3	46539	66432	2.09%	0.225%
27	13.542	1971	1973	1978	rVB	53871	55248	1.74%	0.187%
28	13.789	2011	2015	2018	rBV3	33557	47990	1.51%	0.163%
29	13.965	2043	2045	2049	rVB2	39319	38563	1.21%	0.131%
30	14.354	2107	2111	2121	rBV	628319	1022556	32.20%	3.464%
31	14.471	2126	2131	2136	rVB	480085	524793	16.53%	1.778%
32	14.760	2177	2180	2187	rBV4	73005	128400	4.04%	0.435%
33	14.907	2202	2205	2212	rBV5	66363	91481	2.88%	0.310%
34	15.148	2241	2246	2253	rBV	1172840	1617588	50.94%	5.480%

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ClientSampleId :
SB-07-5.5-6.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.512	2304	2308	2309	rBV2	77495	103252	3.25%	0.350%
36	15.659	2330	2333	2338	rVB2	75395	93559	2.95%	0.317%
37	15.859	2364	2367	2369	rBV	275656	342544	10.79%	1.161%
38	16.101	2405	2408	2411	rVB	343861	361161	11.37%	1.224%
39	16.471	2467	2471	2476	rVB	133041	179376	5.65%	0.608%
40	16.583	2487	2490	2494	rBV	103707	132451	4.17%	0.449%
41	16.795	2524	2526	2532	rVB2	100968	138356	4.36%	0.469%

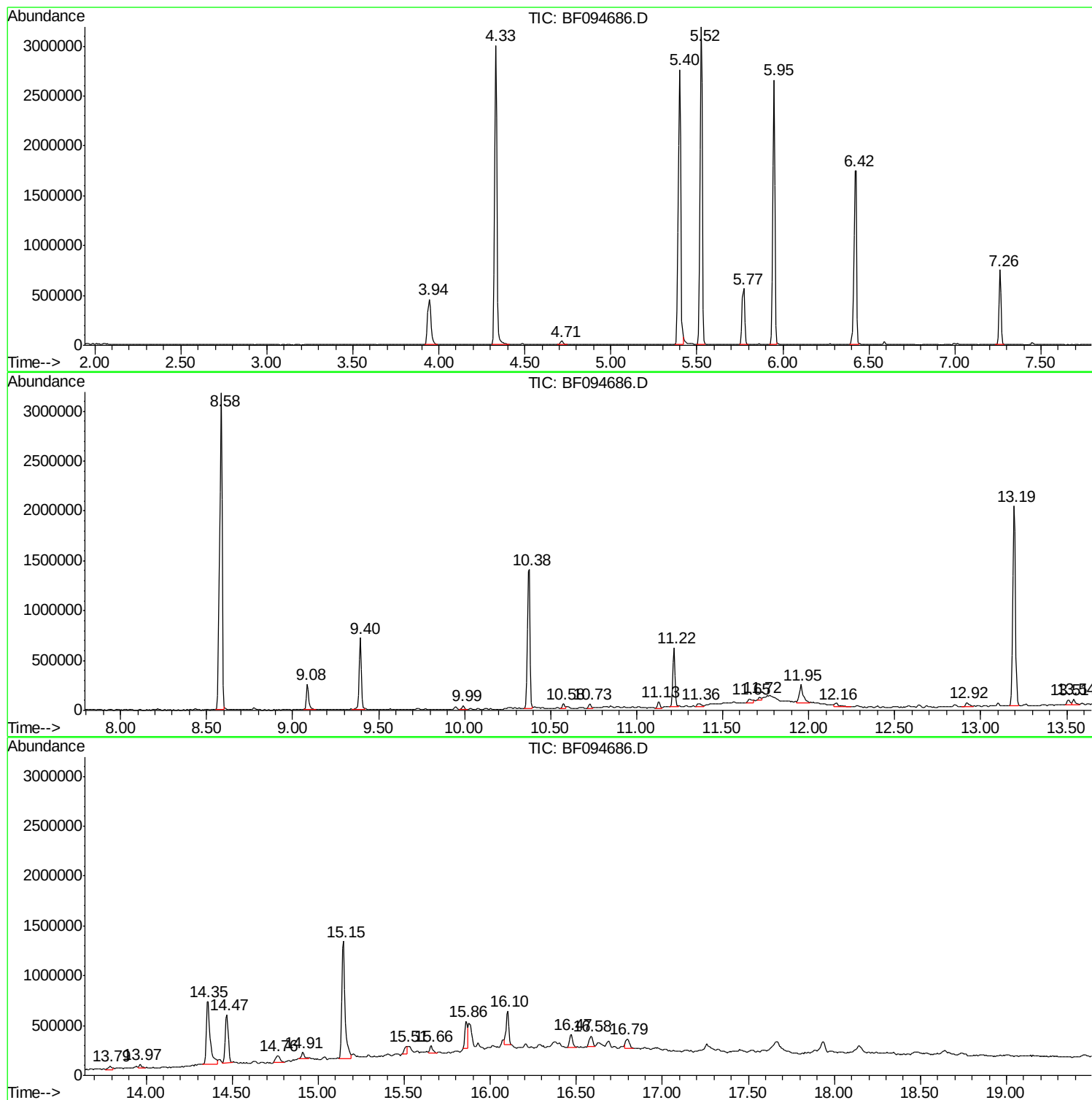
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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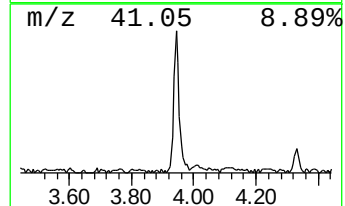
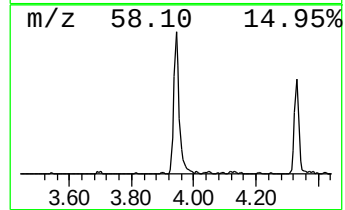
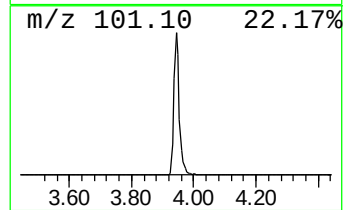
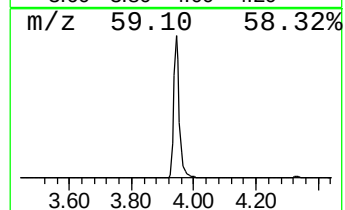
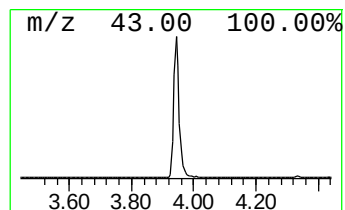
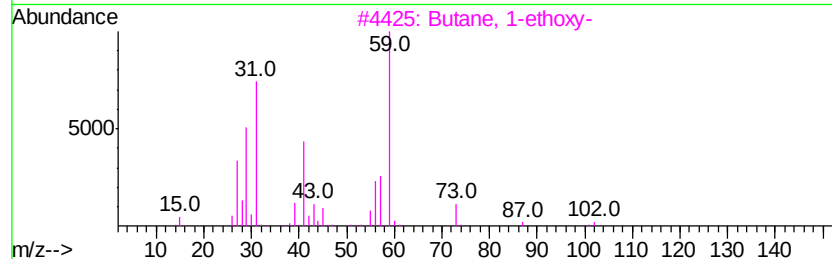
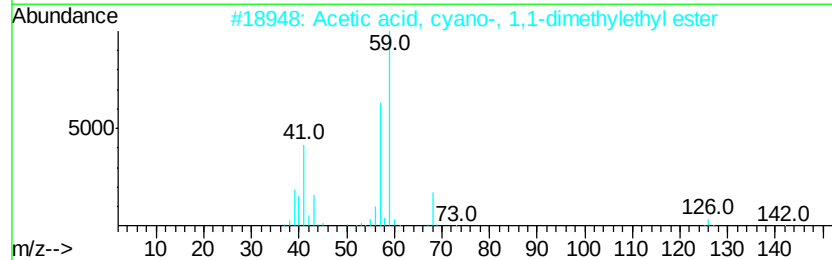
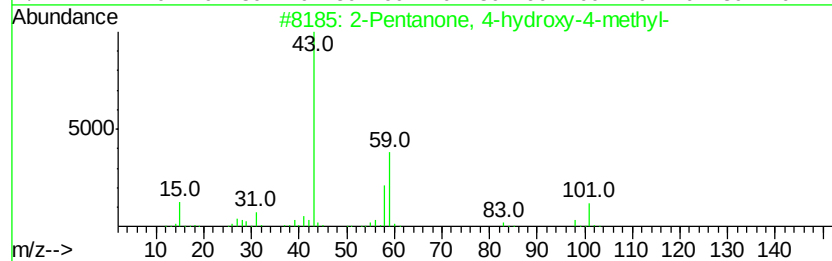
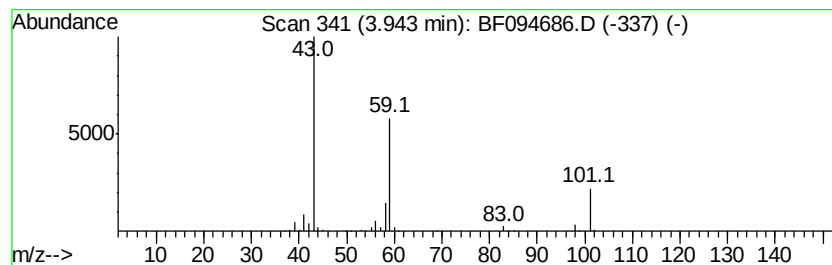
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	22.36 ng	564696	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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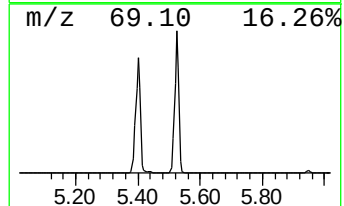
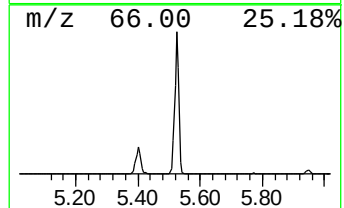
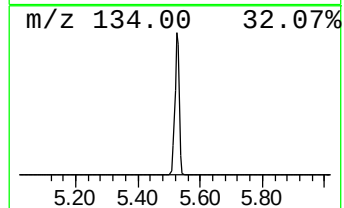
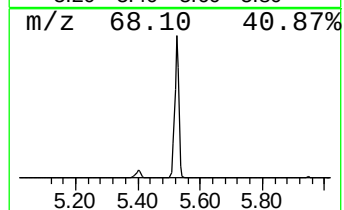
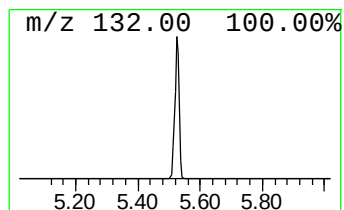
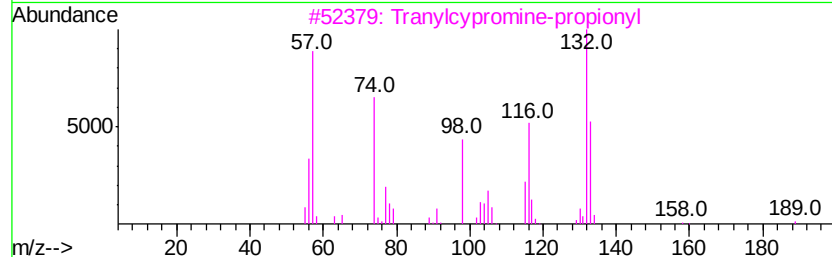
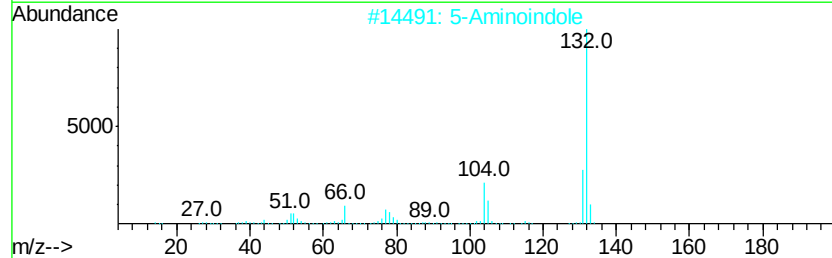
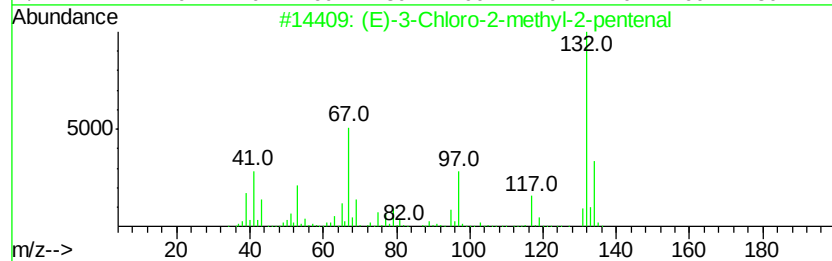
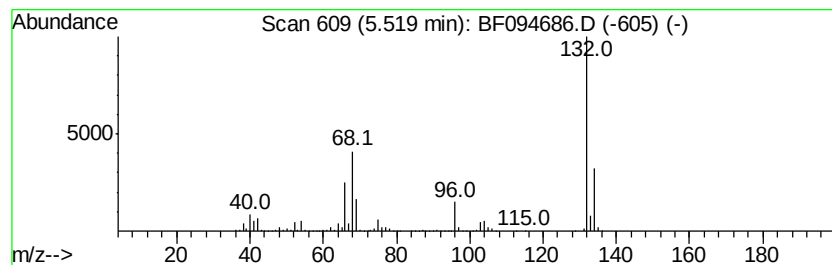
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	125.76 ng	3175720	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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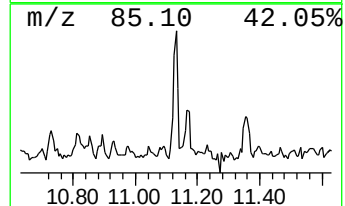
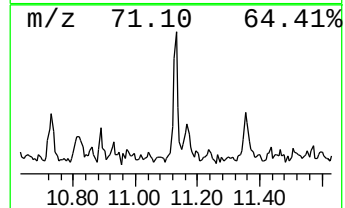
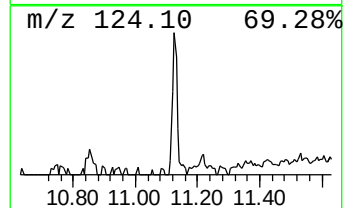
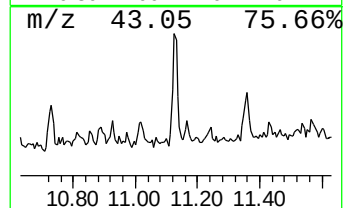
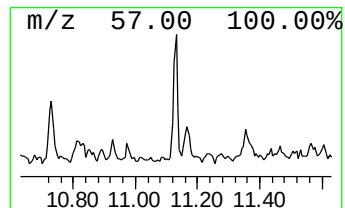
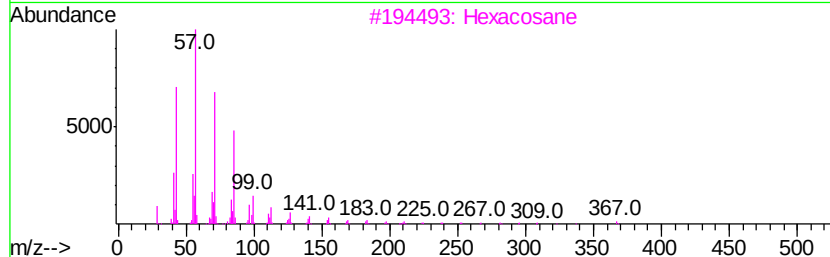
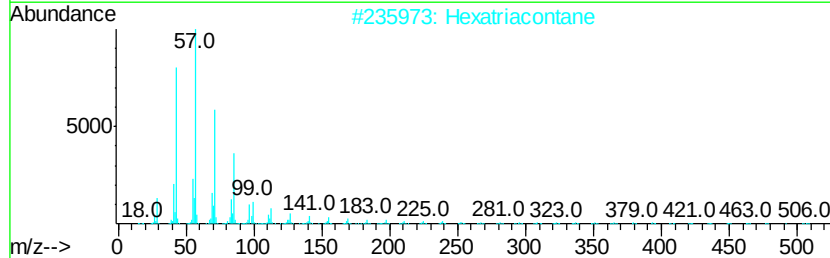
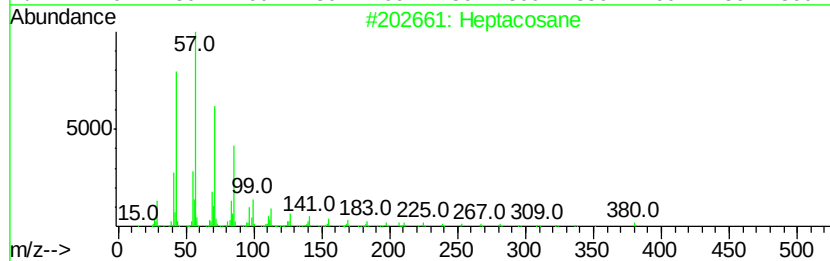
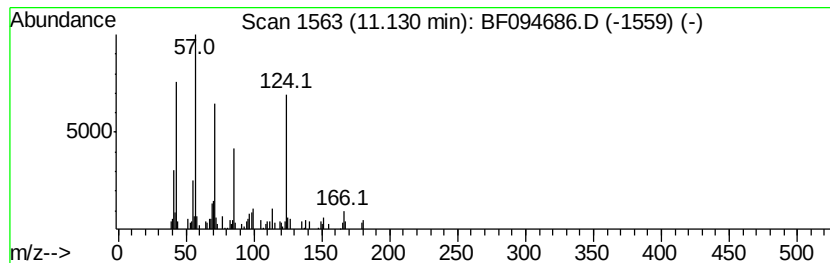
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.46 ng	71132	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	58
2	Hexatriacontane		507	C36H74	000630-06-8	52
3	Hexacosane		366	C26H54	000630-01-3	52
4	Tetracosane		338	C24H50	000646-31-1	52
5	Hexadecane		226	C16H34	000544-76-3	52



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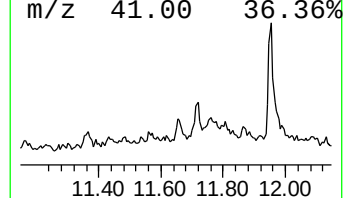
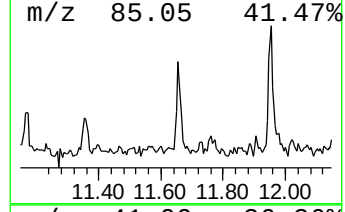
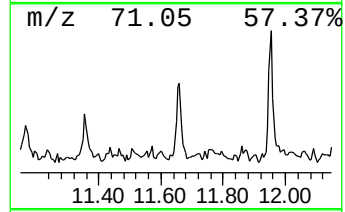
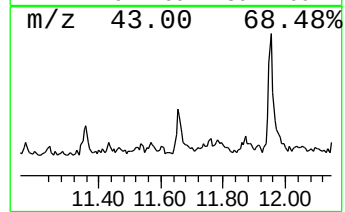
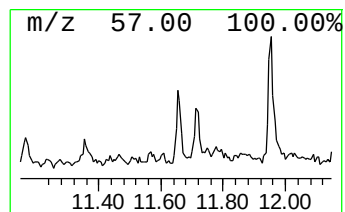
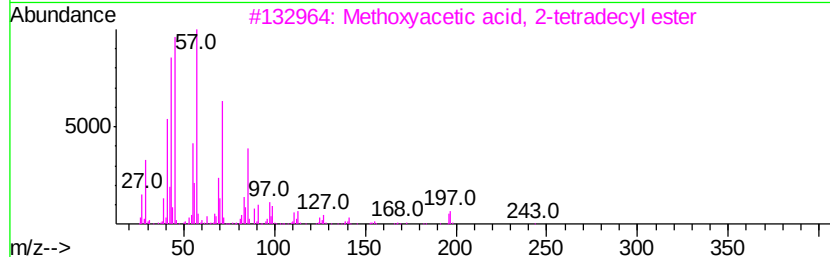
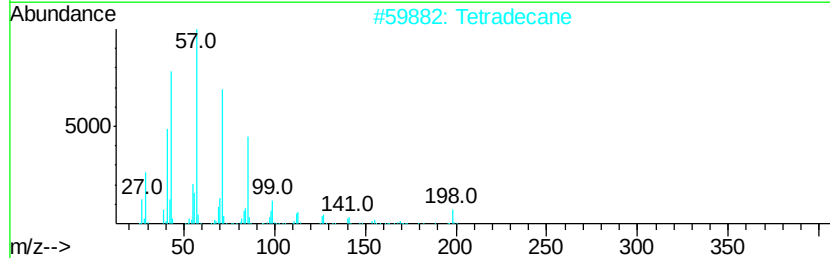
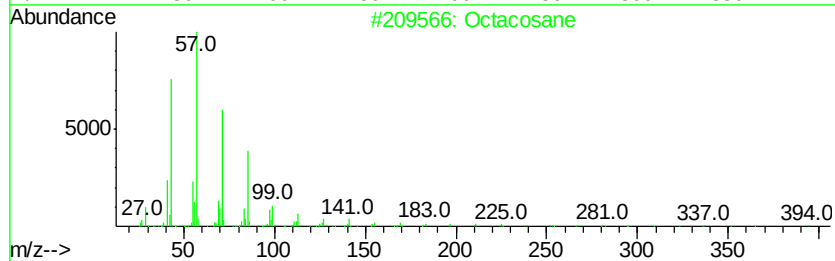
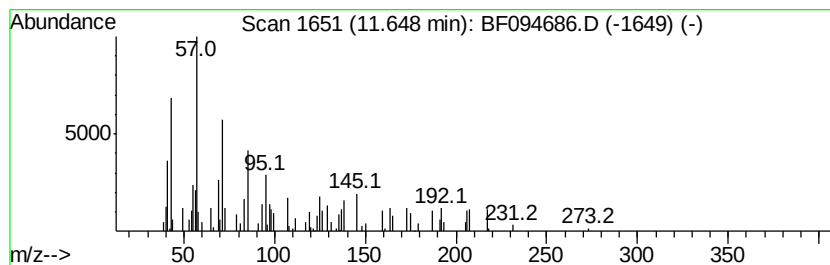
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.46 ng	71020	Phenanthrene-d10	11.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	74
2	Tetradecane	198 C14H30	000629-59-4	74
3	Methoxvacetic acid, 2-tetradecyl...	286 C17H34O3	1000282-04-8	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72
5	Heptacosane	380 C27H56	000593-49-7	64



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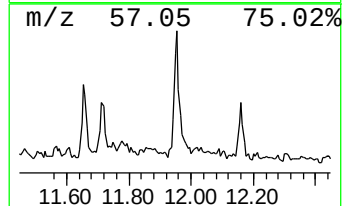
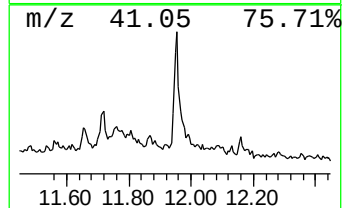
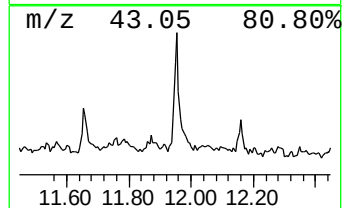
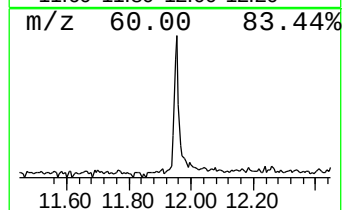
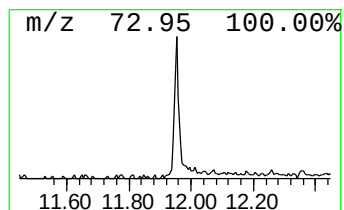
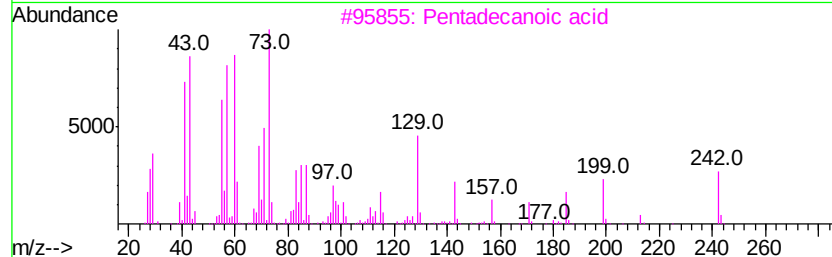
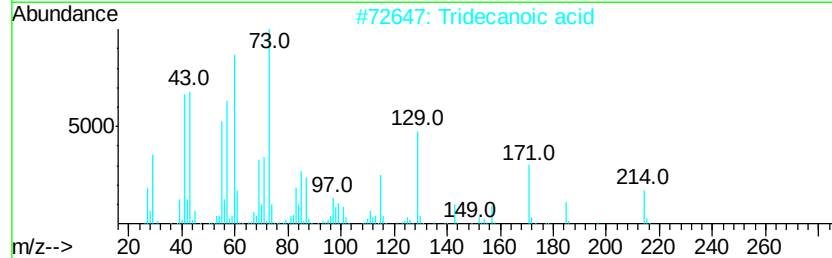
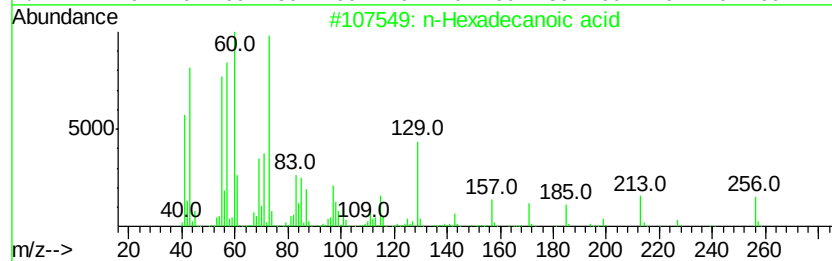
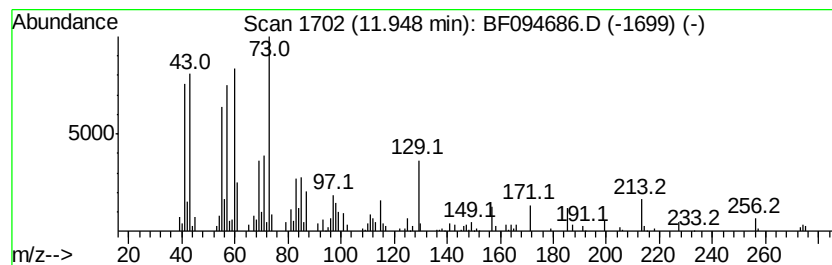
Instrument :
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ClientSampleId :
SB-07-5.5-6.5

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.95	9.25 ng	267507	Phenanthrene-d10		11.22
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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2895-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-5.5-6.5

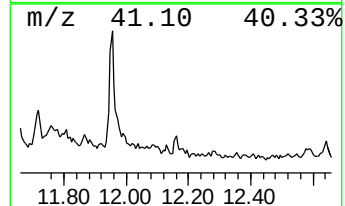
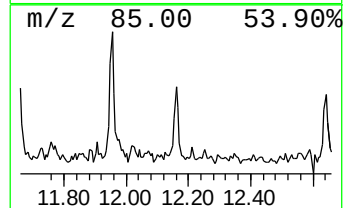
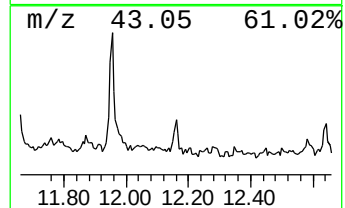
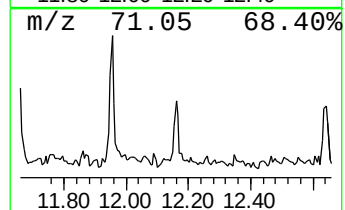
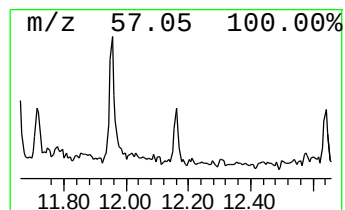
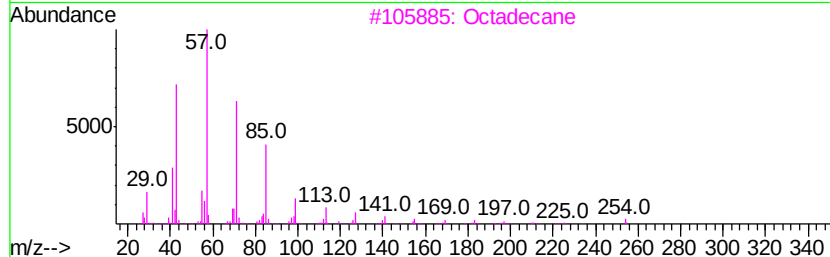
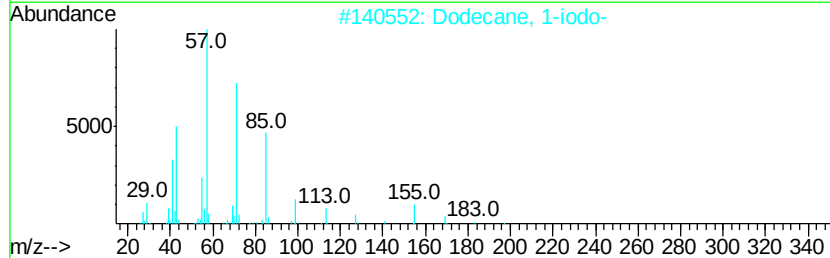
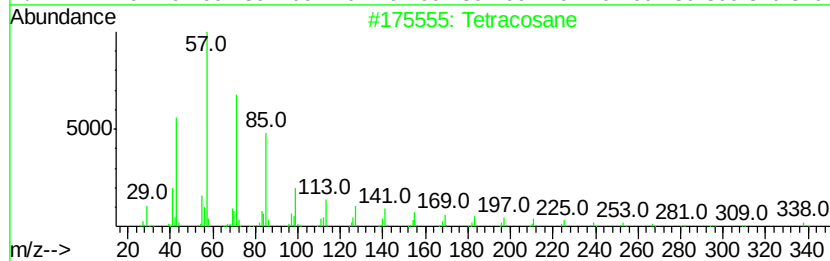
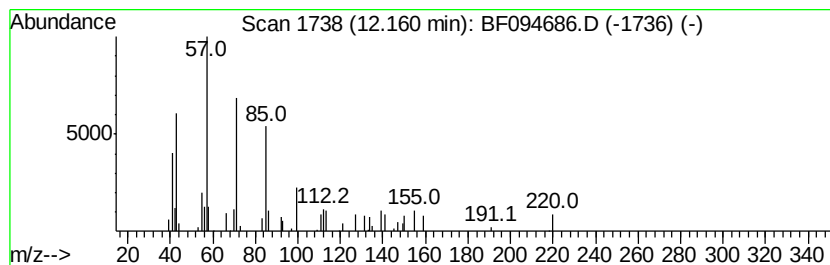
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.34 ng	67584	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	53
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
3			Octadecane	254	C18H38	000593-45-3	50
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2895-08
Misc :
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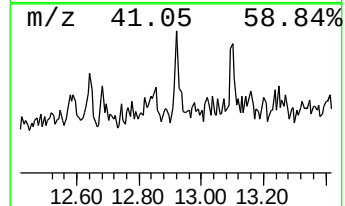
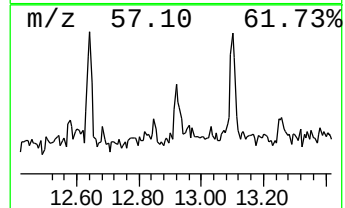
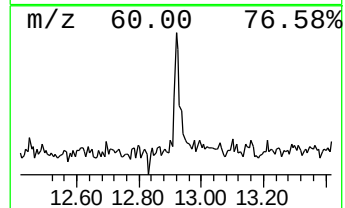
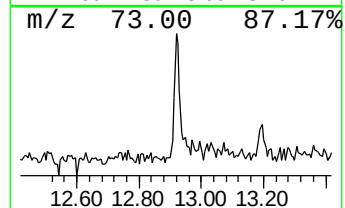
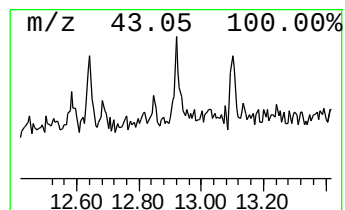
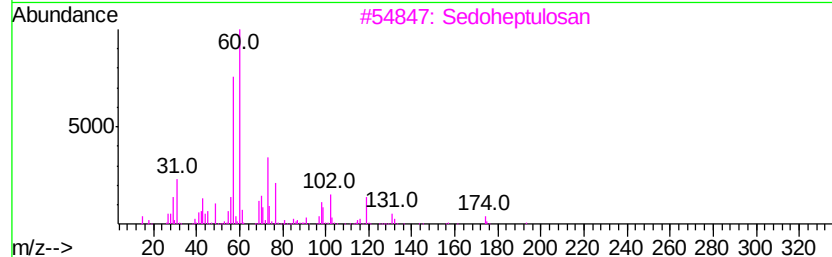
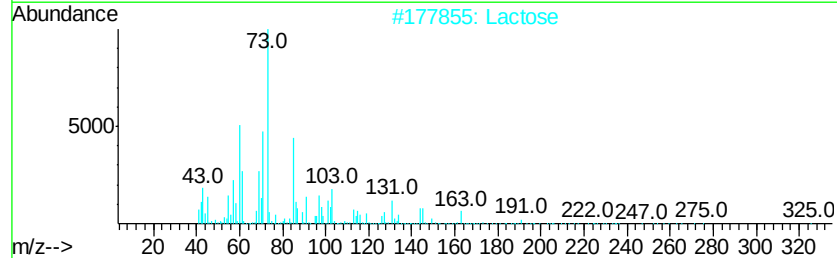
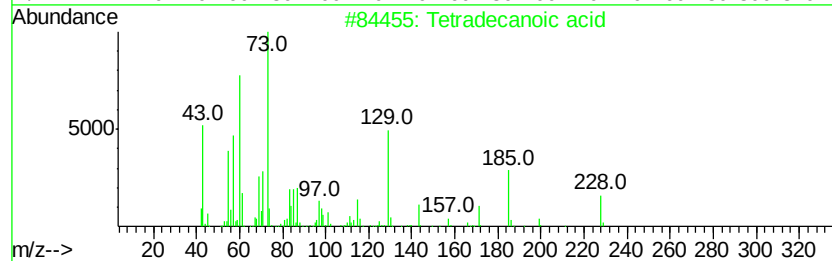
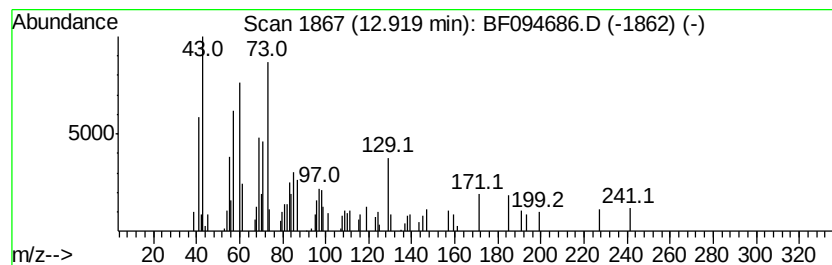
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.92 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.92	2.61 ng	68523	Chrysene-d12	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
2	Lactose	342	C12H22O11	000063-42-3	35
3	Sedoheptulosan	192	C7H12O6	000469-90-9	27
4	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	22
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2895-08
Misc :
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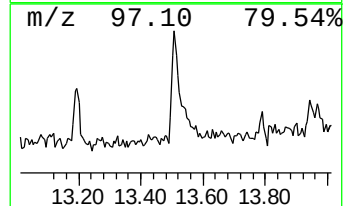
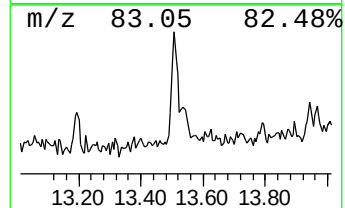
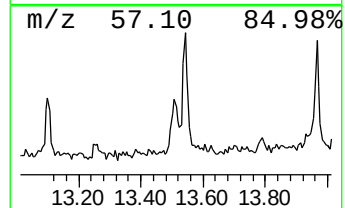
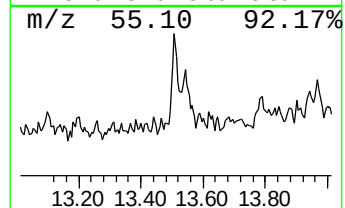
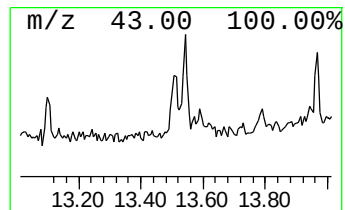
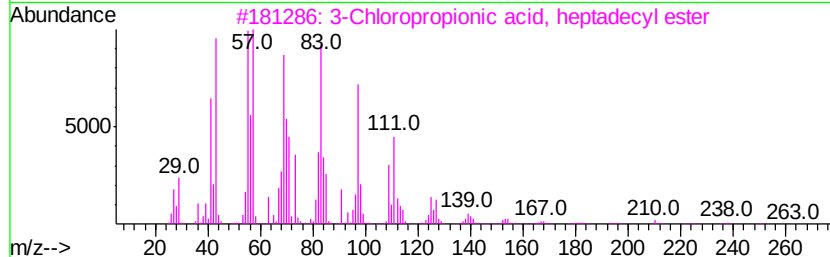
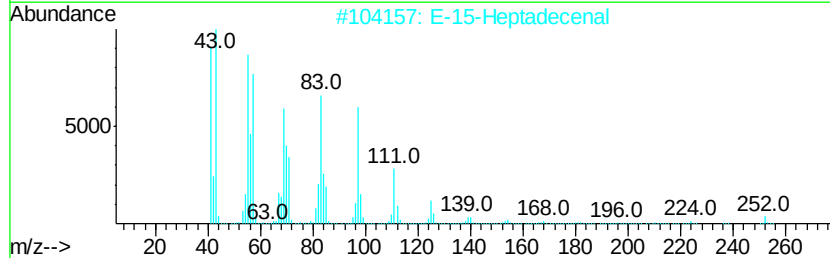
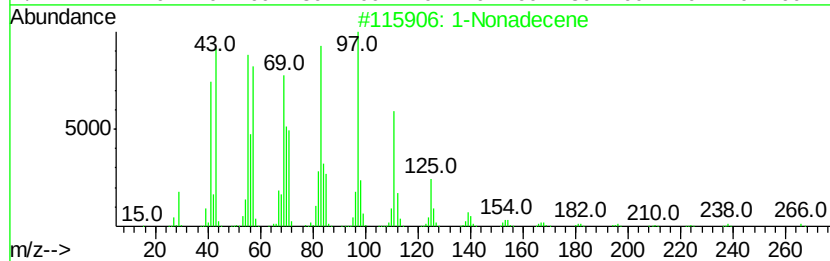
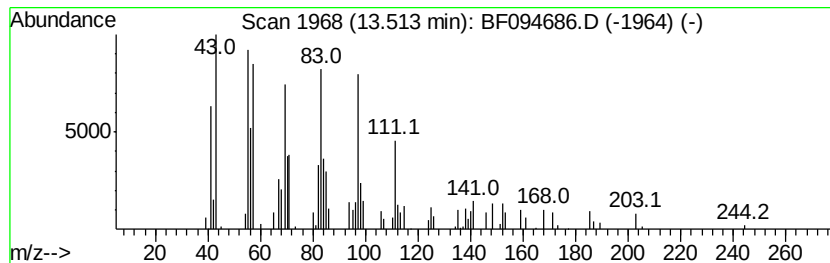
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.51	2.53 ng	66432	Chrysene-d12	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
4	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	90
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2895-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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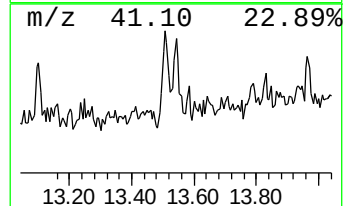
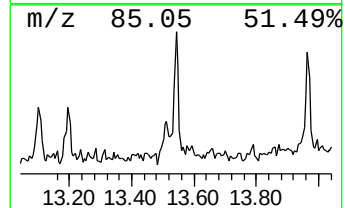
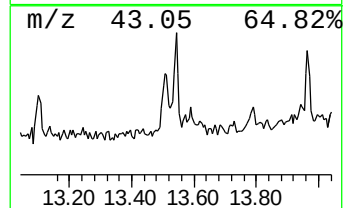
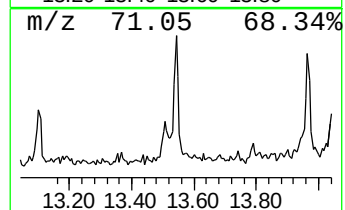
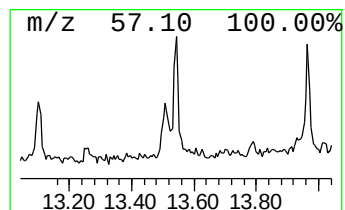
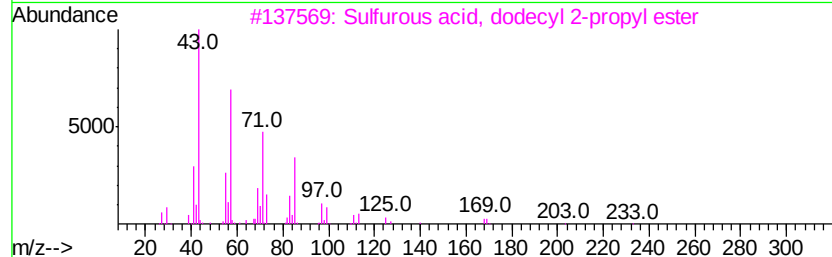
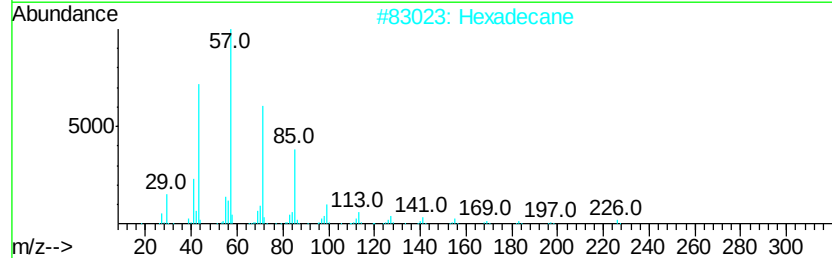
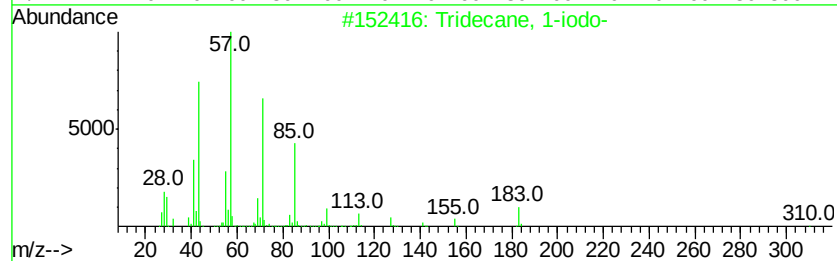
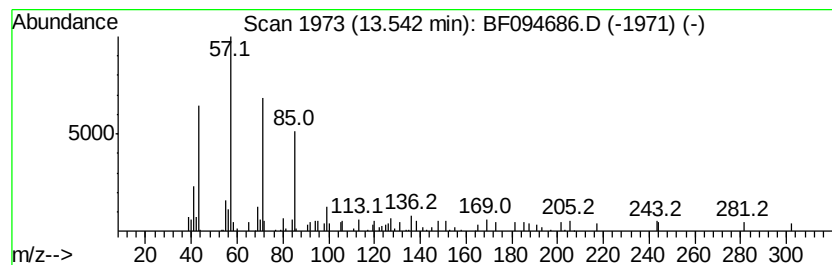
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.11 ng	55248	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
2		Hexadecane	226	C16H34	000544-76-3	59
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	59
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
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Instrument :
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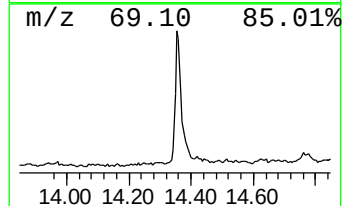
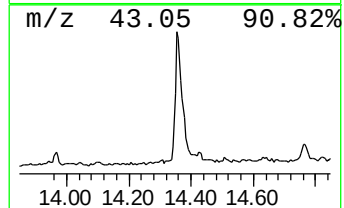
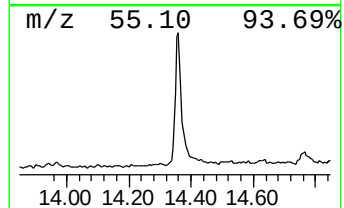
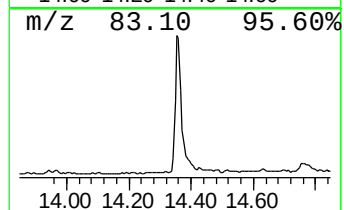
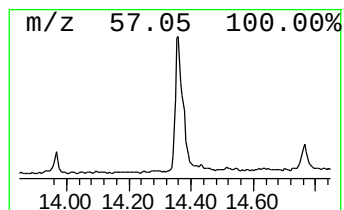
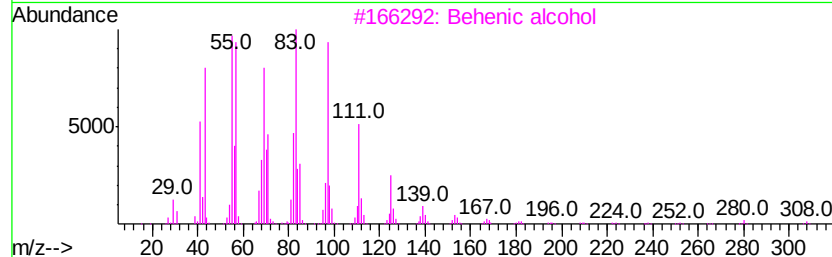
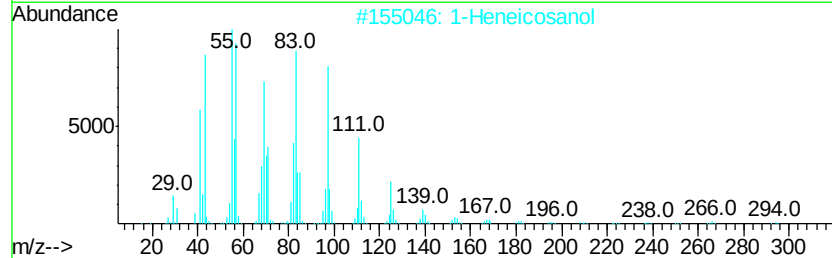
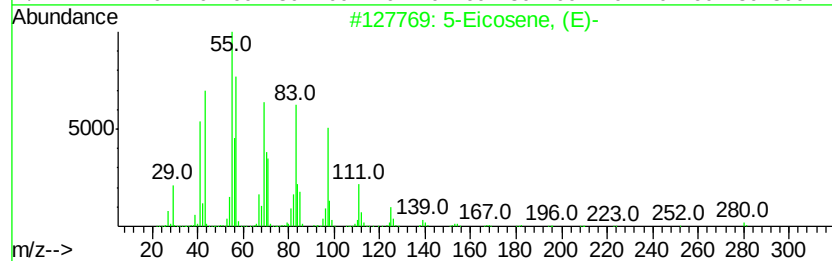
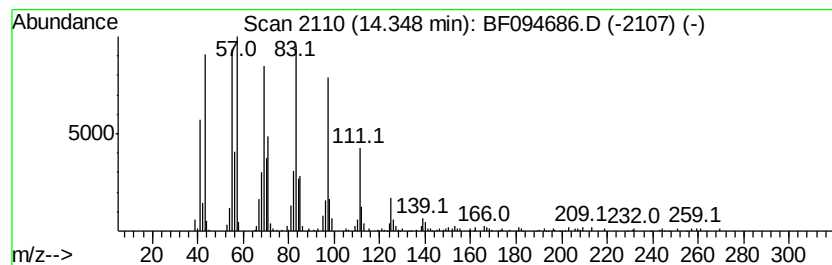
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	38.97 ng	1022560	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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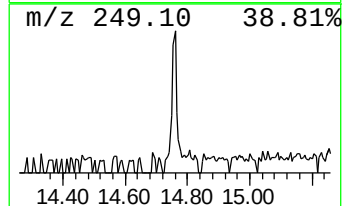
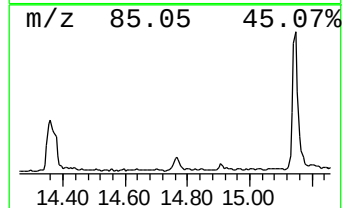
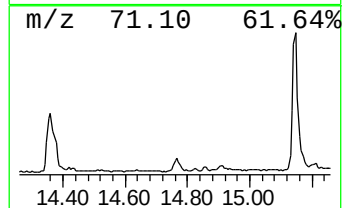
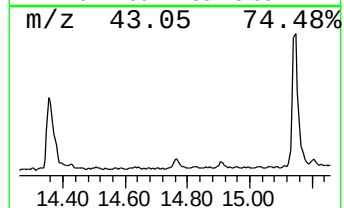
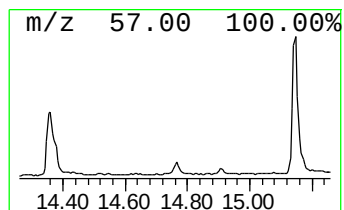
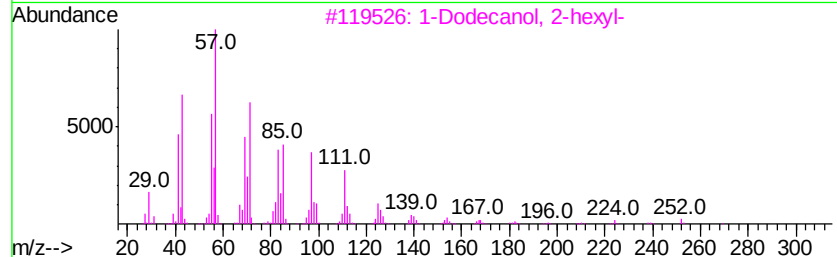
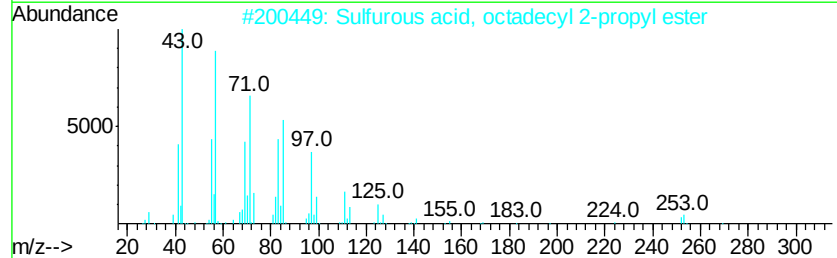
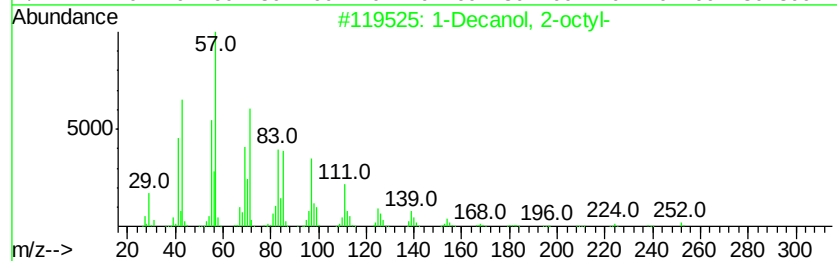
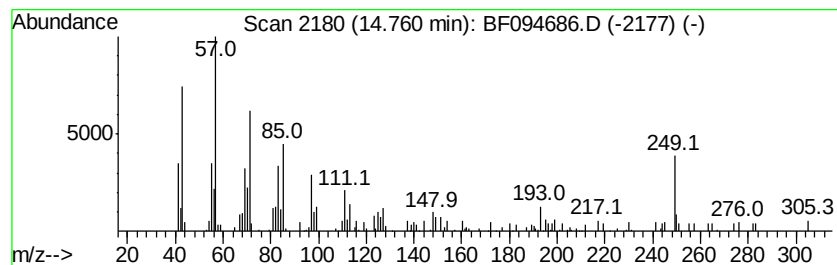
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Decanol, 2-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.76	4.89 ng	128400	Chrysene-d12	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	55
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	53
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	49
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	47
5	Pentadecane	212	C15H32	000629-62-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
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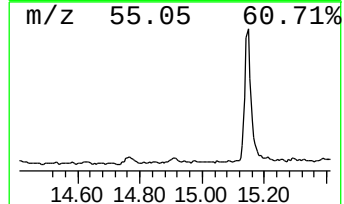
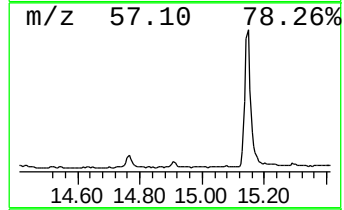
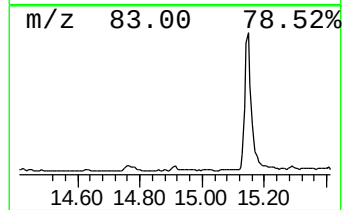
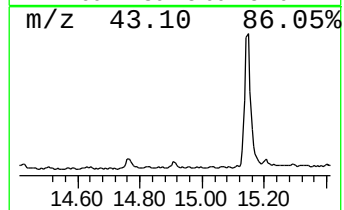
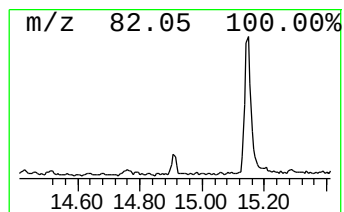
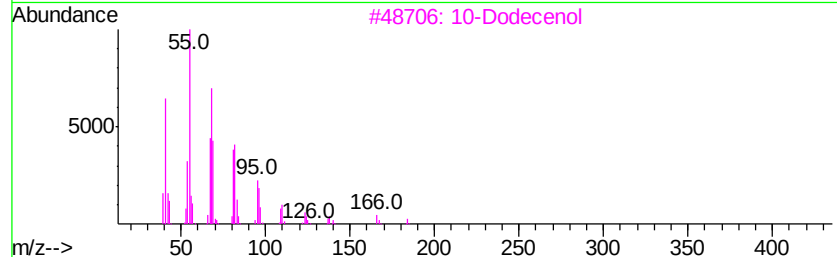
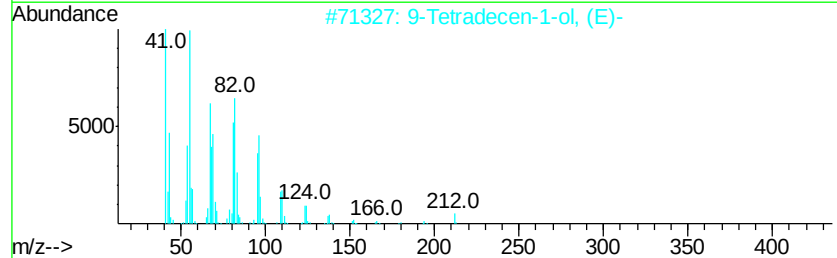
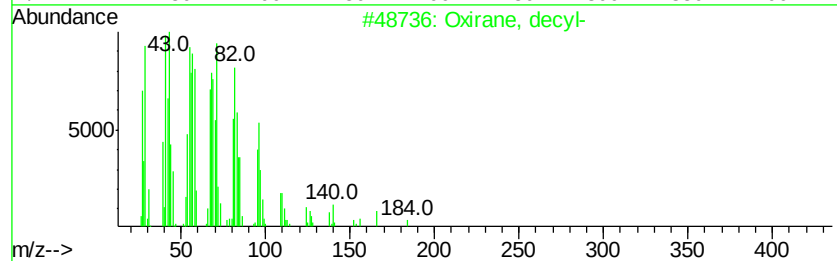
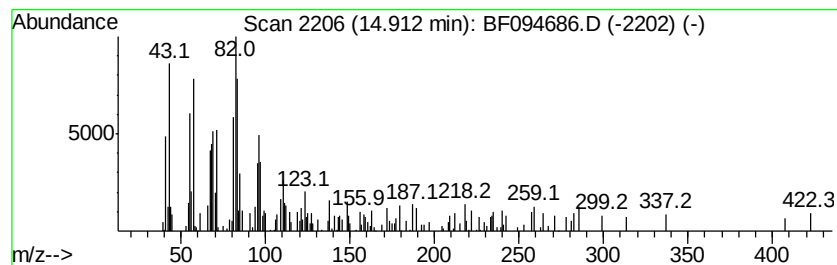
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, decyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.49 ng	91481	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, decyl-	184	C12H24O	002855-19-8	72
2		9-Tetradecen-1-ol, (E)-	212	C14H28O	052957-16-1	52
3		10-Dodecenol	184	C12H24O	035237-63-9	52
4		13-Octadecenal	266	C18H34O	056554-90-6	49
5		Octadecanal	268	C18H36O	000638-66-4	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2895-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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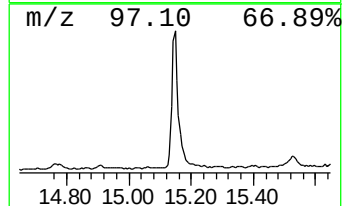
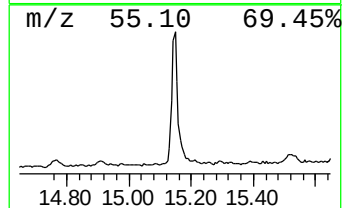
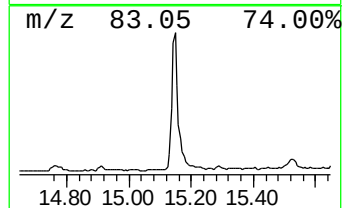
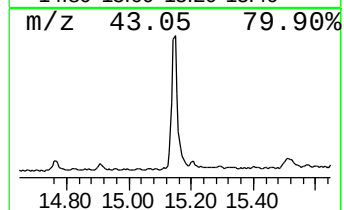
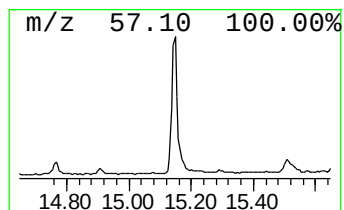
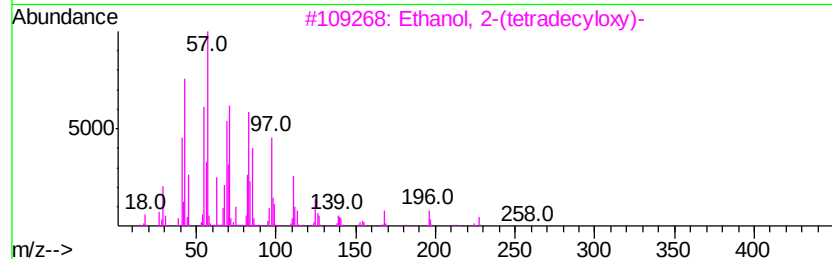
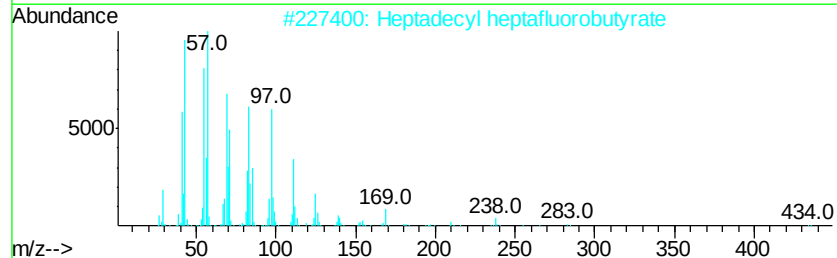
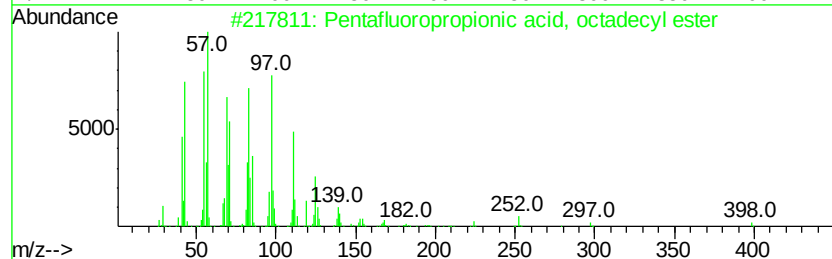
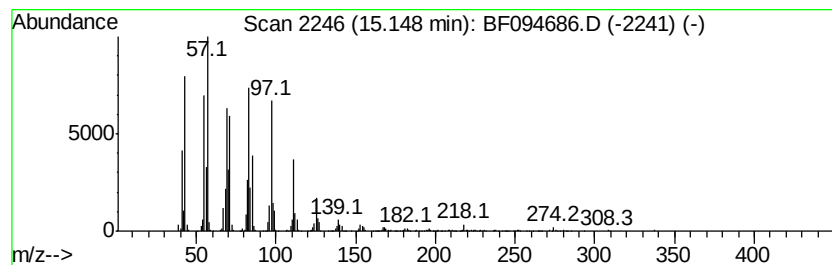
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	61.65 ng	1617590	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
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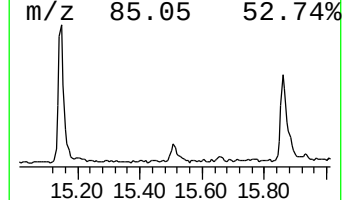
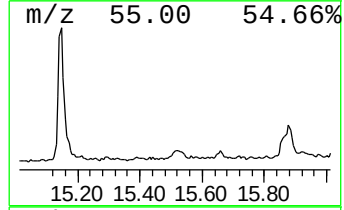
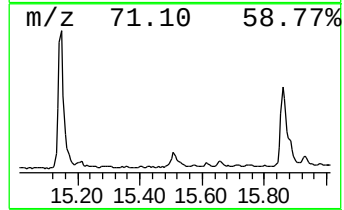
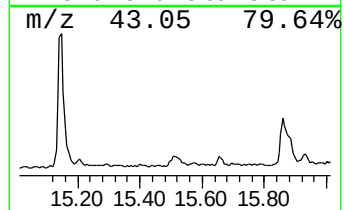
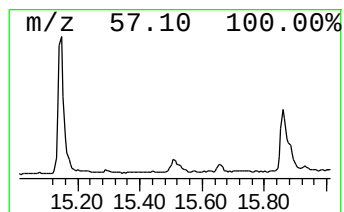
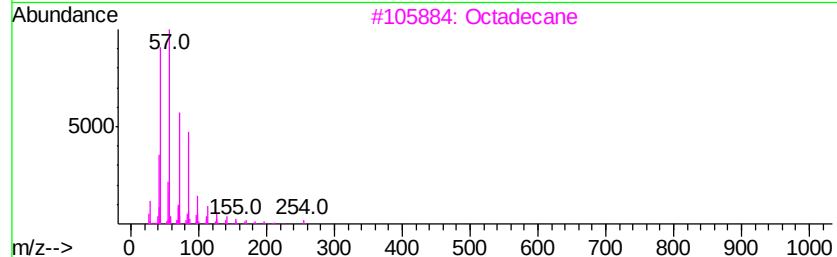
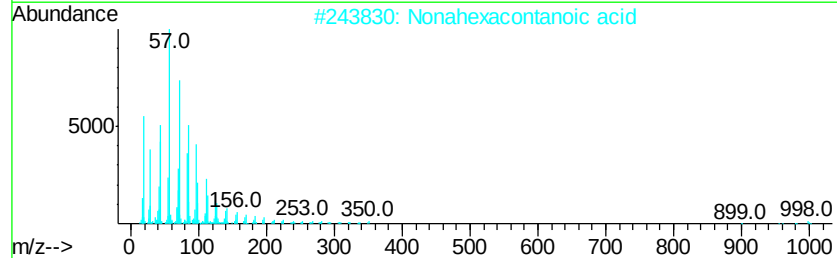
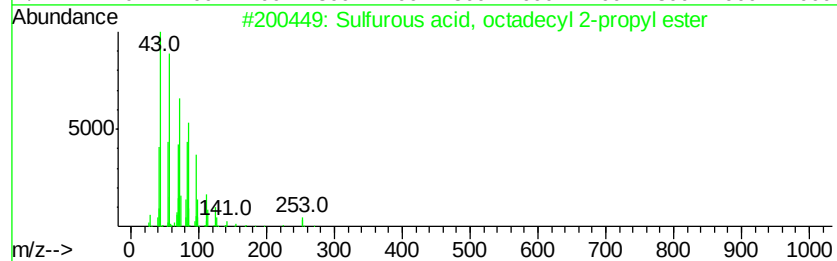
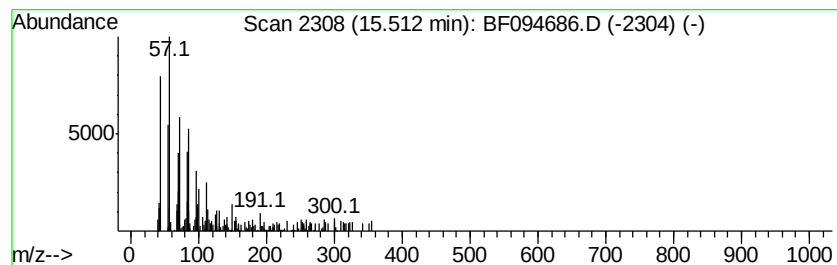
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Sulfurous acid, octadecyl 2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	5.72 ng	103252	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	81
2		Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	74
3		Octadecane	254	C18H38	000593-45-3	64
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	60
5		Cyclopentadecane	210	C15H30	000295-48-7	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2895-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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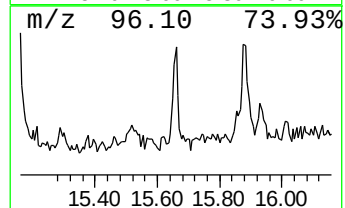
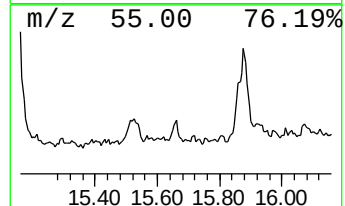
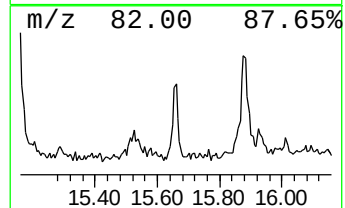
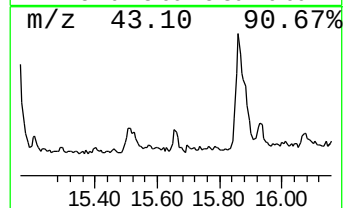
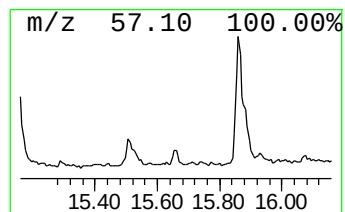
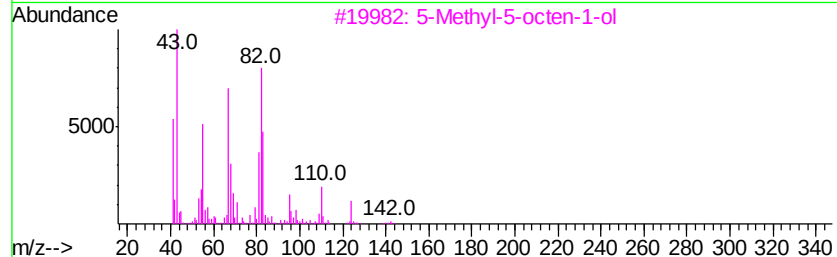
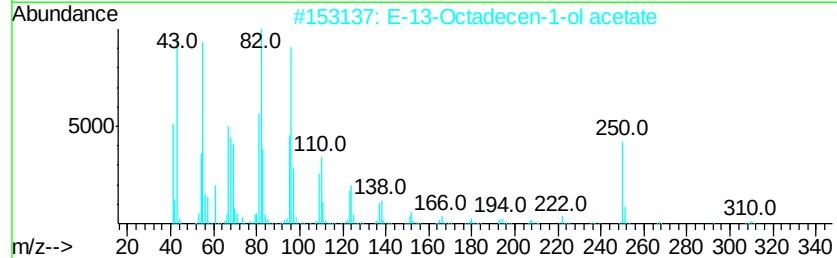
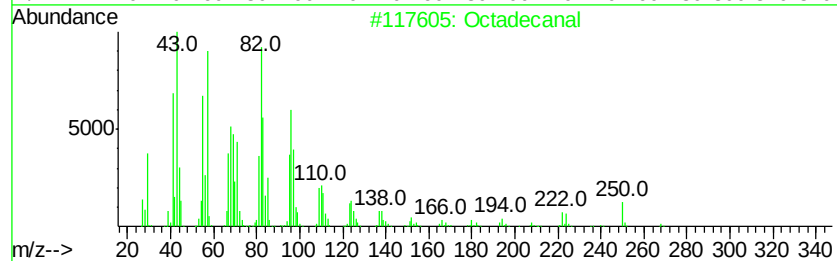
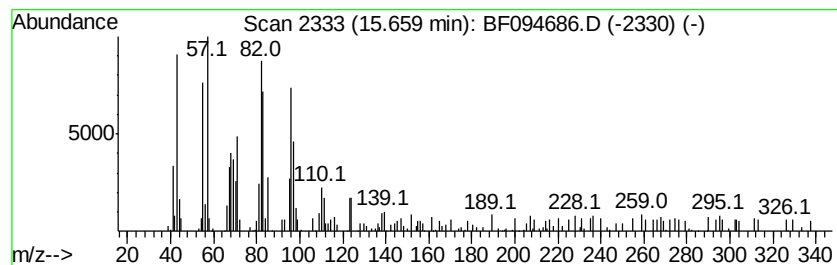
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.18 ng	93559	Perylene-d12	16.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	64
2			E-13-Octadecen-1-ol acetate	310	C20H38O2	1000130-93-9	52
3			5-Methyl-5-octen-1-ol	142	C9H18O	1000132-13-6	50
4			2-Heptadecenal	252	C17H32O	1000143-48-6	50
5			i-Propyl 14-methylhexadecanoate	312	C20H40O2	1000336-77-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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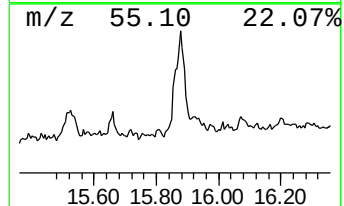
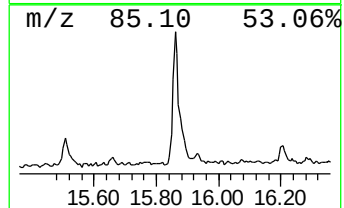
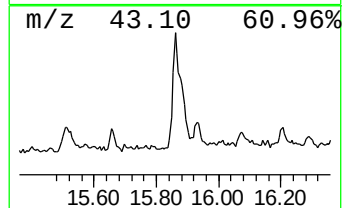
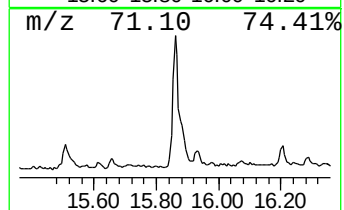
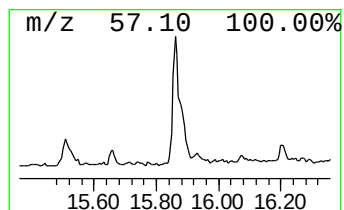
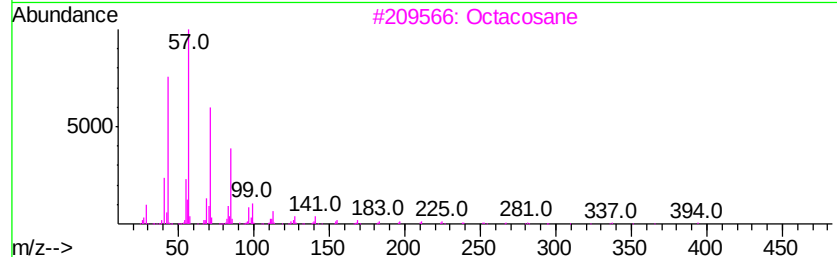
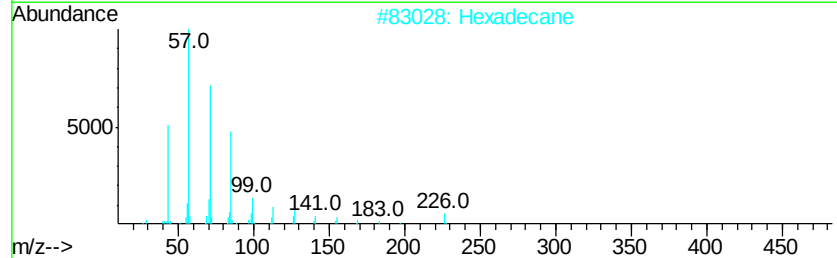
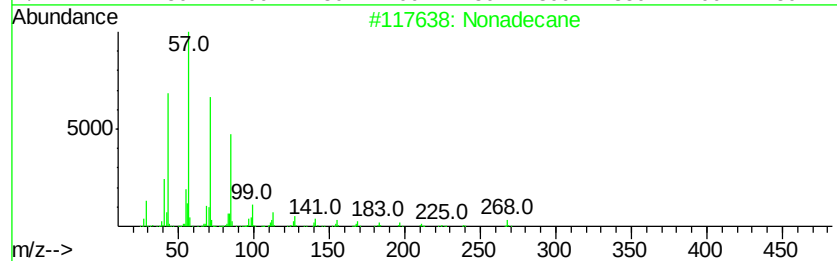
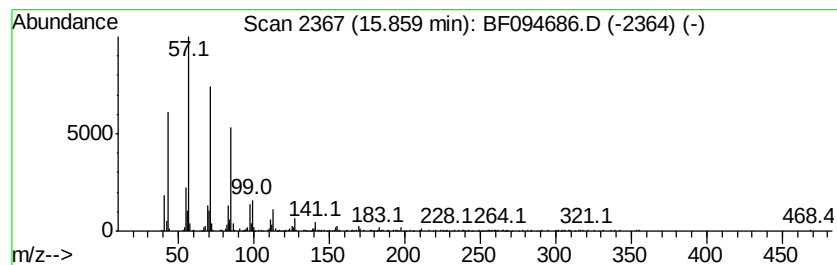
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	18.97 ng	342544	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Hexadecane	226	C16H34	000544-76-3	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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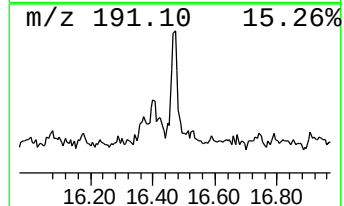
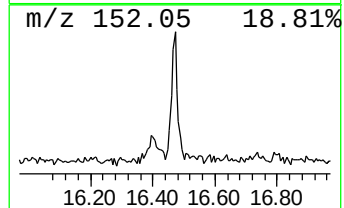
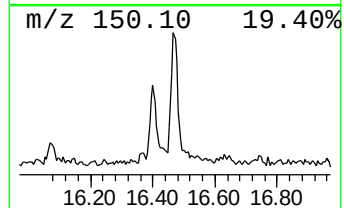
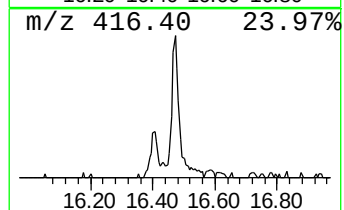
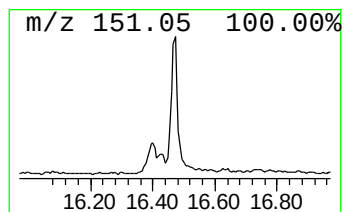
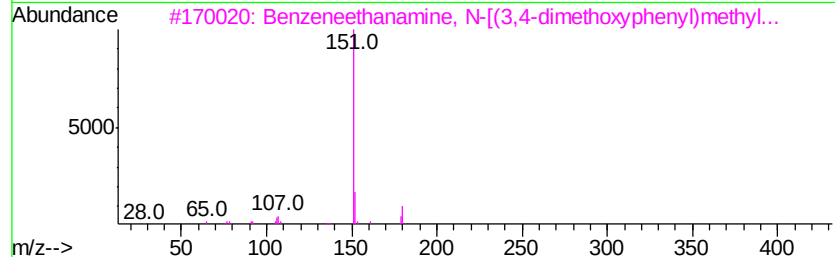
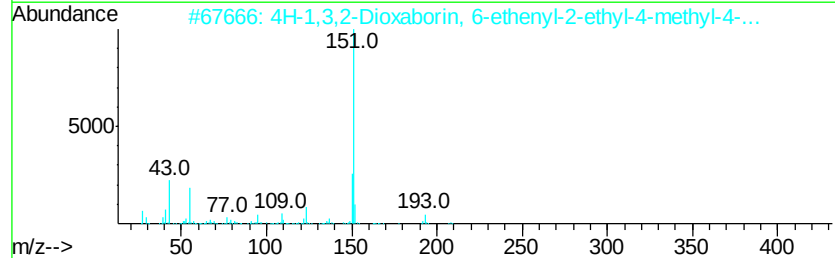
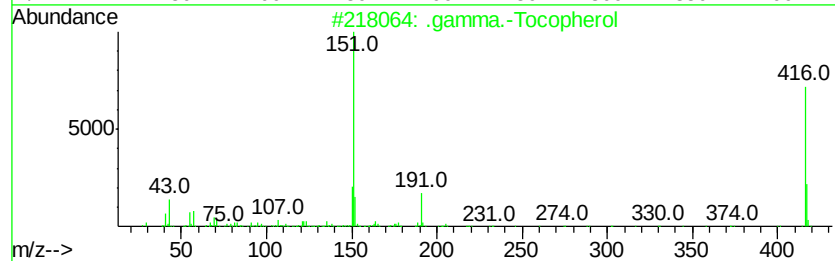
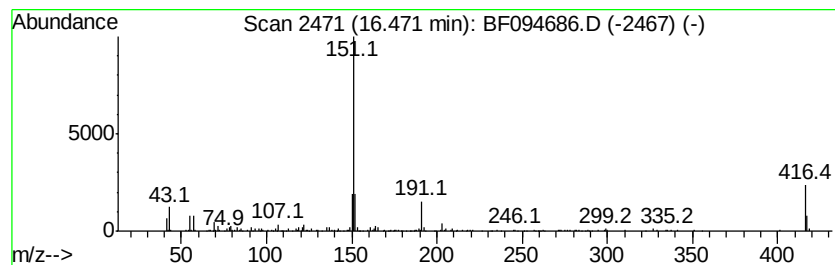
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 .gamma.-Tocopherol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	9.93 ng	179376	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	93
2		4H-1,3,2-Dioxaborin, 6-ethenyl-2...	208	C12H21B02	074630-05-0	40
3		Benzeneethanamine, N-[(3,4-dimet...	331	C19H25N04	055124-87-3	37
4		2,4-Dimethoxy-N,N-dimethylbenzyl...	195	C11H17N02	056129-58-9	37
5		Propanoic acid, 3-(3,4-dimethoxy...	281	C15H23N04	300803-83-2	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
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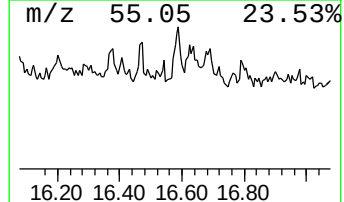
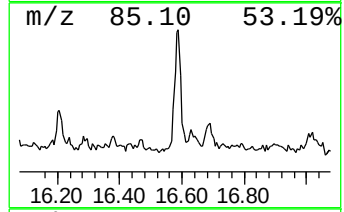
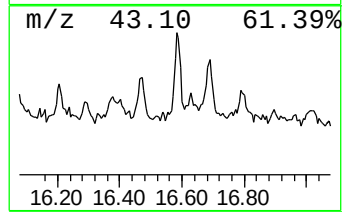
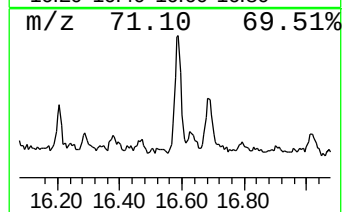
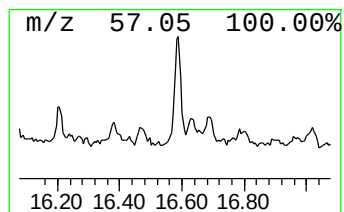
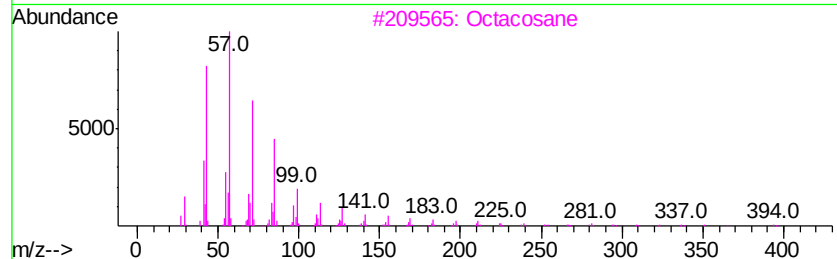
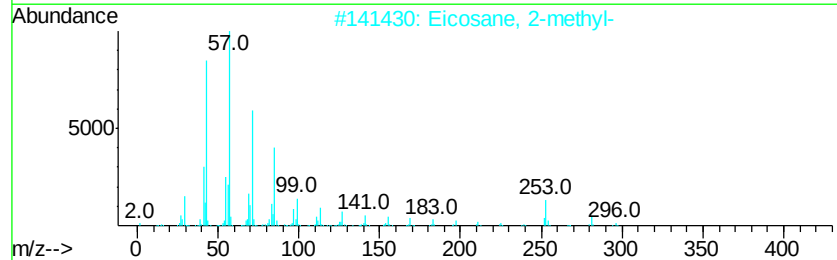
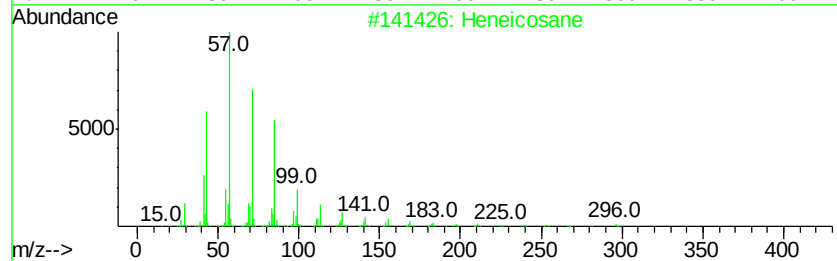
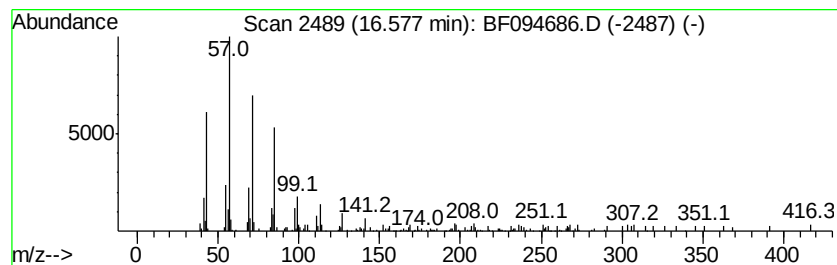
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	7.33 ng	132451	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3		Octacosane	394	C28H58	000630-02-4	87
4		triacontane	422	C30H62	000638-68-6	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094686.D
Acq On : 28 Apr 2017 16:27
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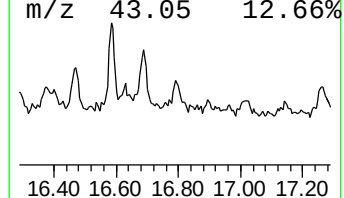
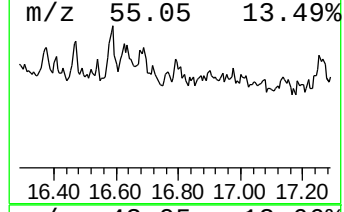
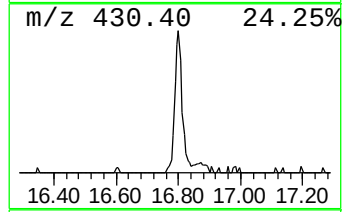
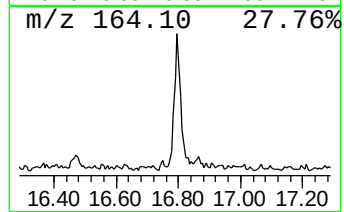
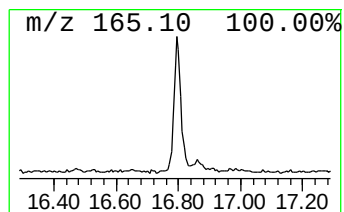
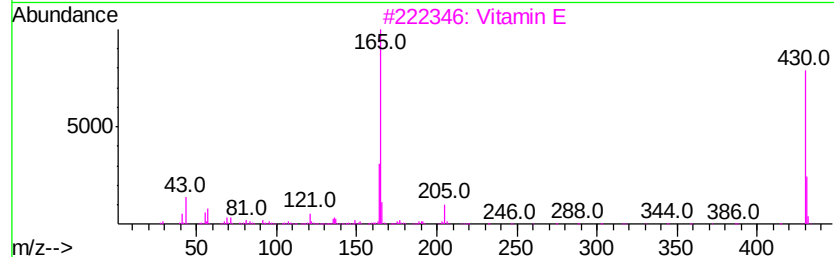
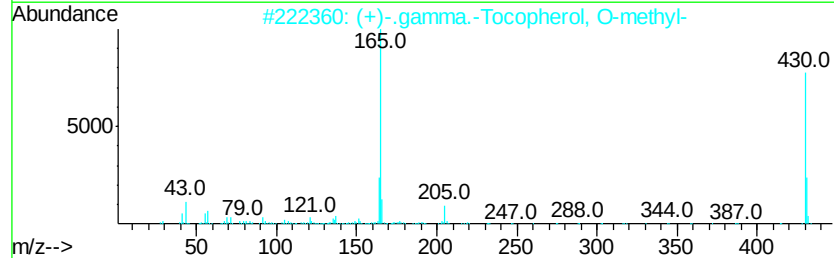
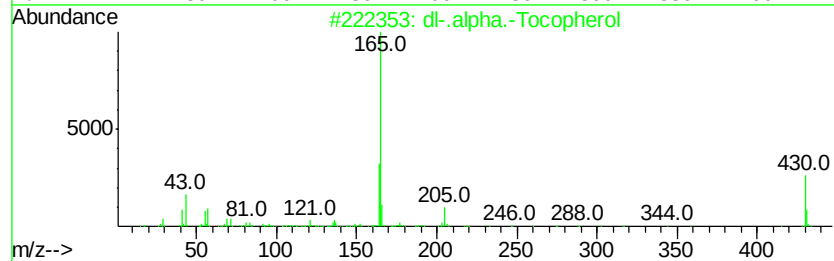
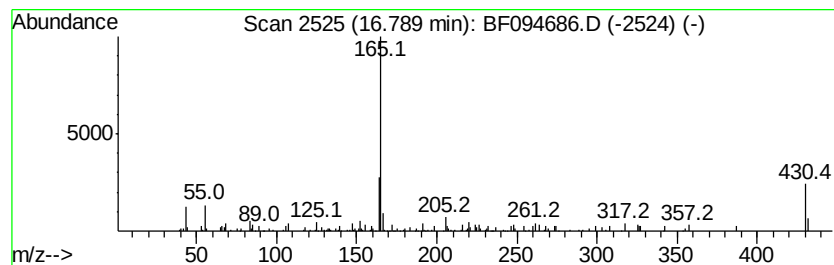
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 dl-.alpha.-Tocopherol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	7.66 ng	138356	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	93
2		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
3		Vitamin E	430	C29H50O2	000059-02-9	91
4		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	83
5		2,5-Cyclohexadiene-1,4-dione, 2-...	180	C9H12O2Si	015288-54-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
 Data File : BF094686.D
 Acq On : 28 Apr 2017 16:27
 Operator : SJ/MA
 Sample : I2895-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.5-6.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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
2-Pentanone, 4-hy...	3.94	22.4	ng	564696	1	5.77	505027	20.0
unknown5.52	5.52	125.8	ng	3175720	1	5.77	505027	20.0
Heptacosane	11.13	2.5	ng	71132	4	11.22	578279	20.0
Octacosane	11.65	2.5	ng	71020	4	11.22	578279	20.0
n-Hexadecanoic acid	11.95	9.3	ng	267507	4	11.22	578279	20.0
Tetracosane	12.16	2.3	ng	67584	4	11.22	578279	20.0
unknown12.92	12.92	2.6	ng	68523	5	14.47	524793	20.0
1-Nonadecene	13.51	2.5	ng	66432	5	14.47	524793	20.0
Tridecane, 1-iodo-	13.54	2.1	ng	55248	5	14.47	524793	20.0
5-Eicosene, (E)-	14.35	39.0	ng	1022560	5	14.47	524793	20.0
1-Decanol, 2-octyl-	14.76	4.9	ng	128400	5	14.47	524793	20.0
Oxirane, decyl-	14.91	3.5	ng	91481	5	14.47	524793	20.0
Pentafluoropropio...	15.15	61.6	ng	1617590	5	14.47	524793	20.0
Sulfurous acid, o...	15.51	5.7	ng	103252	6	16.10	361161	20.0
Octadecanal	15.66	5.2	ng	93559	6	16.10	361161	20.0
Nonadecane	15.86	19.0	ng	342544	6	16.10	361161	20.0
.gamma.-Tocopherol	16.47	9.9	ng	179376	6	16.10	361161	20.0
Heneicosane	16.58	7.3	ng	132451	6	16.10	361161	20.0
dl-.alpha.-Tocoph...	16.79	7.7	ng	138356	6	16.10	361161	20.0