

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
 Data File : BF094605.D
 Acq On : 25 Apr 2017 15:20
 Operator : SJ/MA
 Sample : I2810-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FAZTECSELECTFILL

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	3.907	331	335	345	rBV	280947	334103	9.31%	1.085%
2	4.301	398	402	419	rBV	3003247	2939445	81.88%	9.549%
3	5.378	580	585	599	rBV	2581926	3195633	89.01%	10.381%
4	5.507	602	607	610	rBV	2966715	3118070	86.85%	10.129%
5	5.748	645	648	652	rBV	853911	735586	20.49%	2.390%
6	5.931	674	679	682	rBV	2614552	2474740	68.93%	8.039%
7	6.401	754	759	762	rBV	1939143	1968882	54.84%	6.396%
8	7.242	898	902	905	rBV	1115346	1002669	27.93%	3.257%
9	8.013	1027	1033	1037	rBV	51312	48122	1.34%	0.156%
10	8.572	1120	1128	1131	rBV	3429184	3590020	100.00%	11.662%
11	8.707	1148	1151	1155	rVB	46713	42177	1.17%	0.137%
12	9.066	1207	1212	1217	rBV	243997	245616	6.84%	0.798%
13	9.378	1258	1265	1270	rBV2	1088888	1094010	30.47%	3.554%
14	9.977	1363	1367	1371	rVB	80923	73050	2.03%	0.237%
15	10.248	1406	1413	1416	rBV2	32780	45933	1.28%	0.149%
16	10.354	1426	1431	1437	rBV	1664170	1753390	48.84%	5.696%
17	10.560	1462	1466	1468	rBV	98347	100096	2.79%	0.325%
18	11.113	1556	1560	1564	rBV	75242	68669	1.91%	0.223%
19	11.195	1570	1574	1577	rBV	900650	939762	26.18%	3.053%
20	11.224	1577	1579	1582	rVB	165694	139046	3.87%	0.452%
21	11.642	1646	1650	1653	rVB	44941	45289	1.26%	0.147%
22	11.936	1694	1700	1706	rBV2	101182	172792	4.81%	0.561%
23	12.683	1823	1827	1832	rVB	194319	209385	5.83%	0.680%
24	12.907	1861	1865	1868	rBV4	35205	45807	1.28%	0.149%
25	12.960	1870	1874	1878	rVB	203378	213297	5.94%	0.693%
26	13.177	1905	1911	1915	rBV2	2386913	2674256	74.49%	8.687%
27	14.342	2106	2109	2116	rBV3	99105	156155	4.35%	0.507%
28	14.448	2121	2127	2130	rVV	716529	860048	23.96%	2.794%
29	14.477	2130	2132	2134	rVV	92470	92381	2.57%	0.300%
30	14.507	2134	2137	2142	rVB	168531	183849	5.12%	0.597%
31	14.748	2176	2178	2185	rVB3	55740	76943	2.14%	0.250%
32	15.124	2240	2242	2246	rVB	53561	61498	1.71%	0.200%
33	15.495	2302	2305	2308	rBV	50102	56136	1.56%	0.182%
34	15.671	2332	2335	2338	rBV	92580	124576	3.47%	0.405%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.842	2361	2364	2370	rBV	115974	161566	4.50%	0.525%
36	16.012	2391	2393	2396	rBV	63367	63239	1.76%	0.205%
37	16.071	2399	2403	2410	rVB	613007	736457	20.51%	2.392%
38	16.189	2420	2423	2431	rVB2	154119	205039	5.71%	0.666%
39	16.565	2484	2487	2497	rVB	173110	274672	7.65%	0.892%
40	17.001	2557	2561	2568	rVV2	150356	238123	6.63%	0.774%
41	17.059	2569	2571	2578	rVB4	63766	83661	2.33%	0.272%
42	17.495	2642	2645	2650	rVB3	88480	139888	3.90%	0.454%

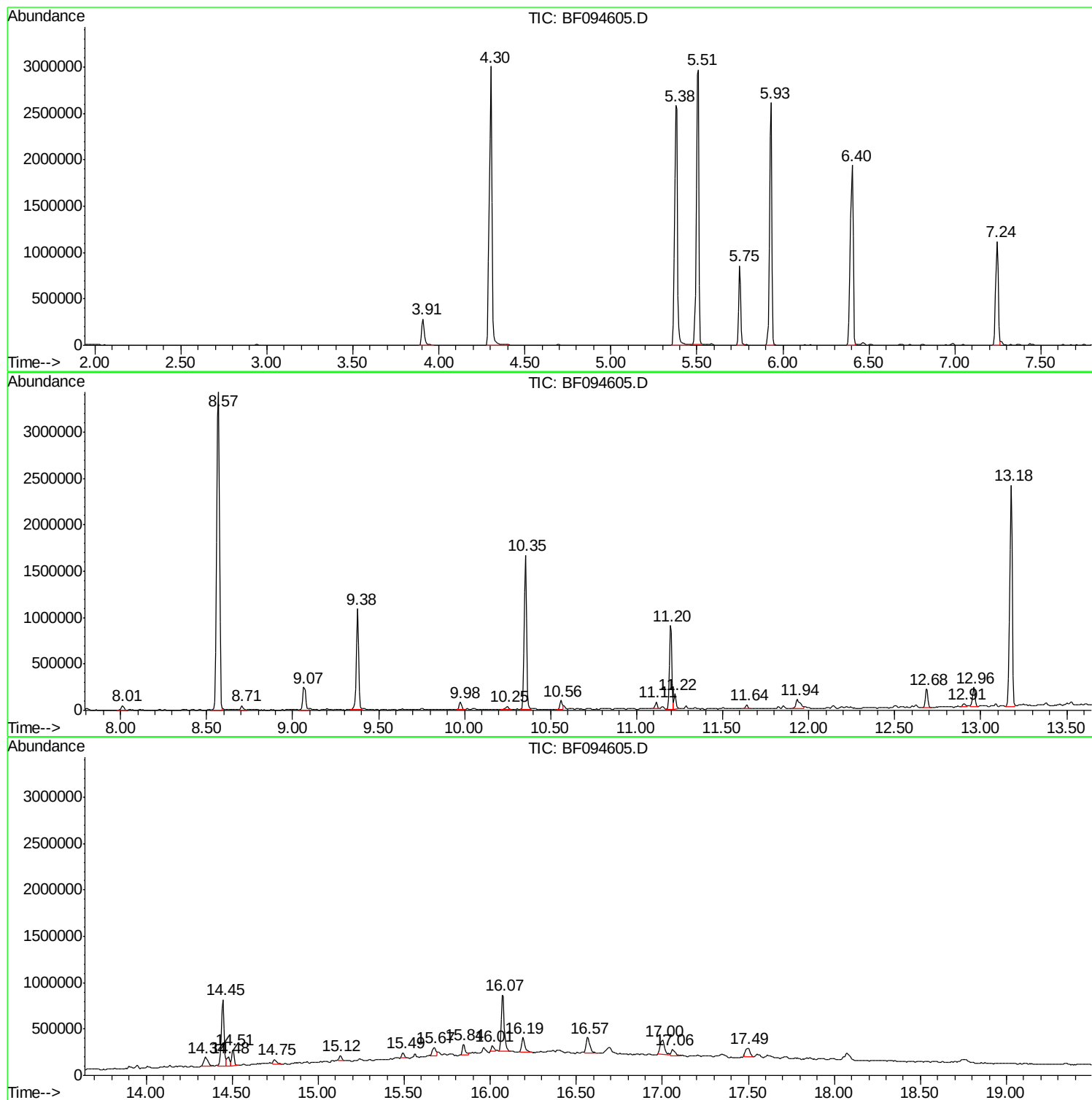
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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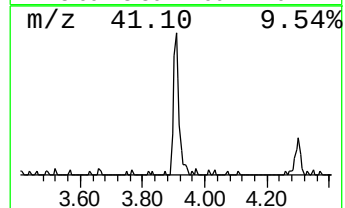
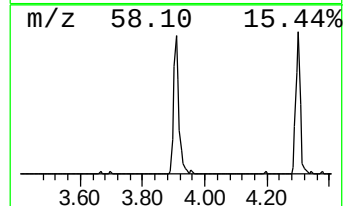
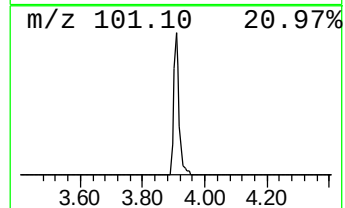
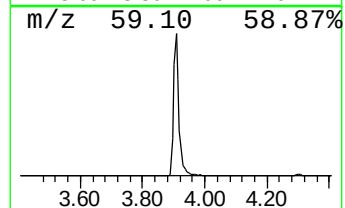
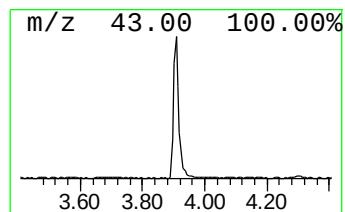
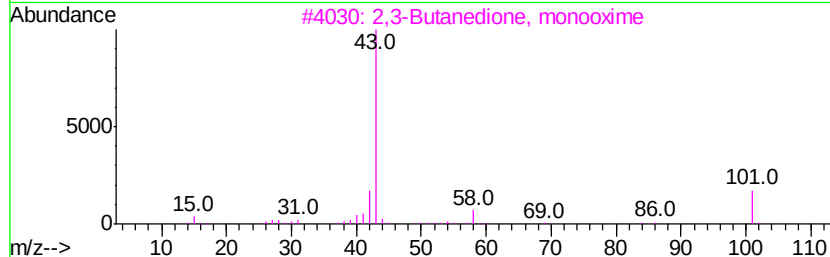
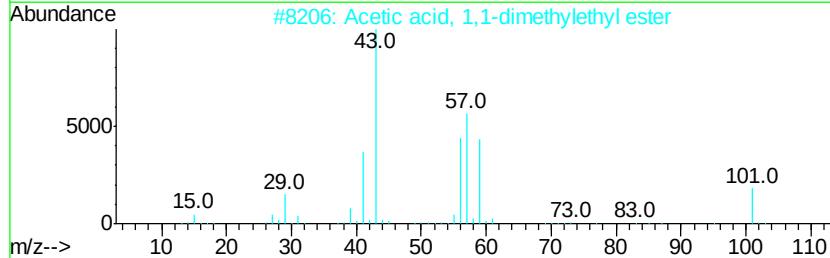
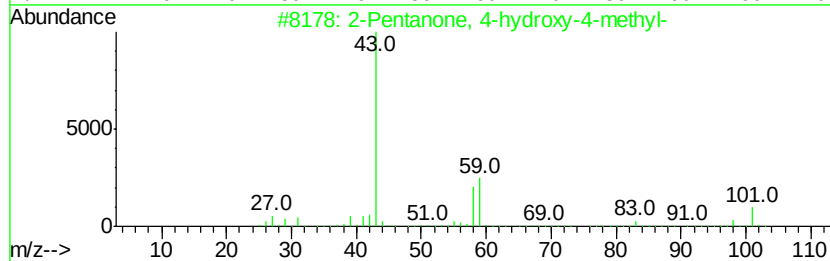
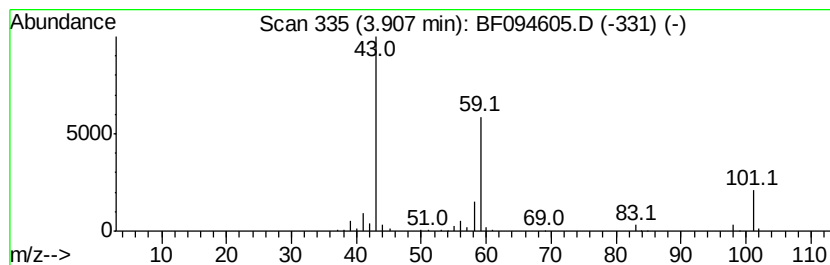
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	9.08 ng	334103	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4		3-Hexanol	102	C6H14O	000623-37-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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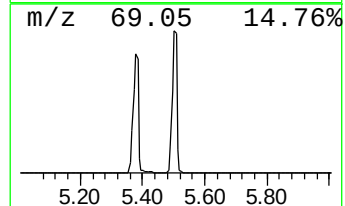
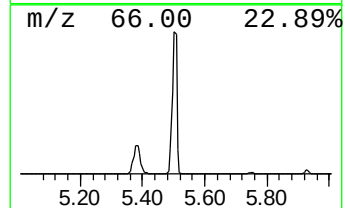
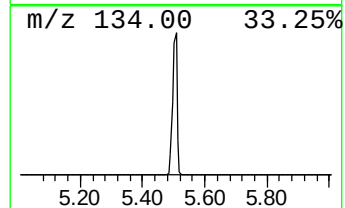
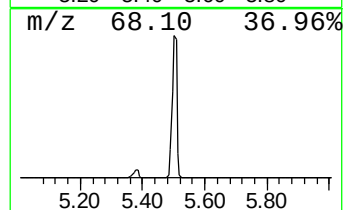
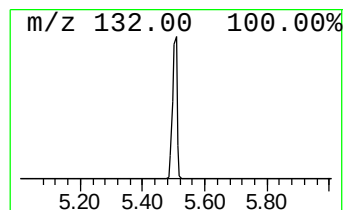
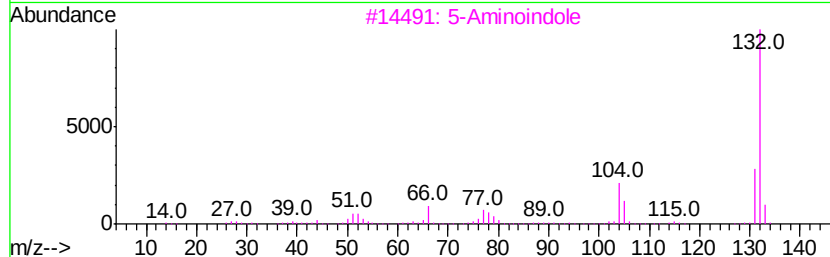
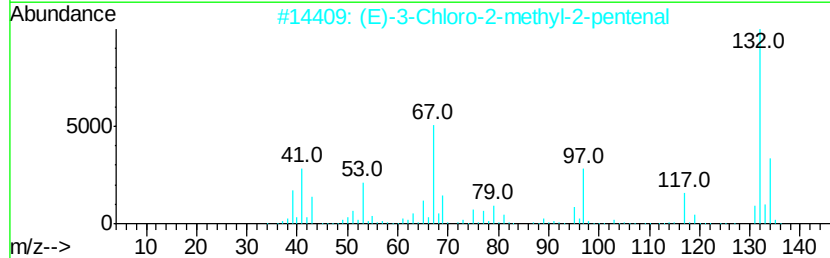
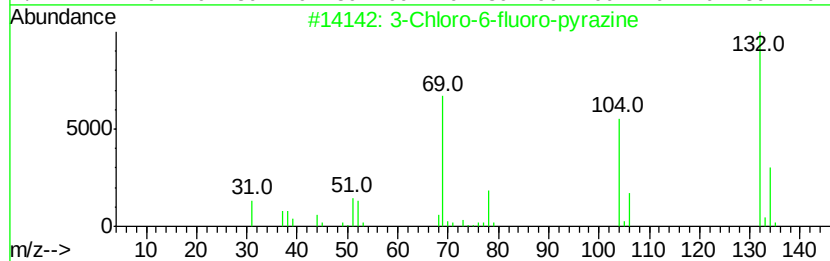
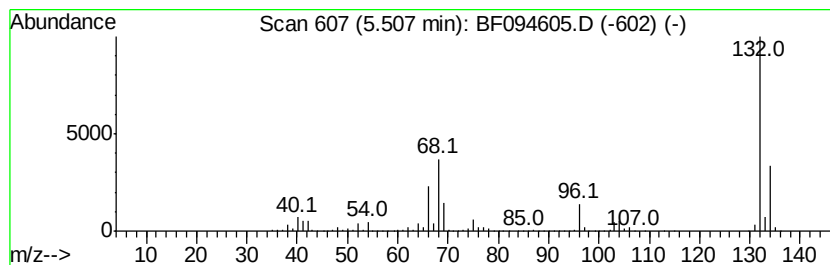
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Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	84.78 ng	3118070	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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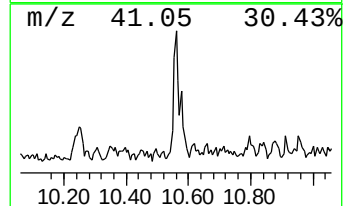
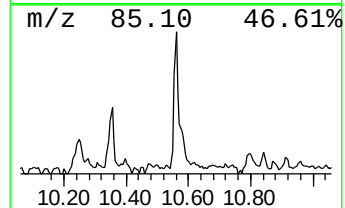
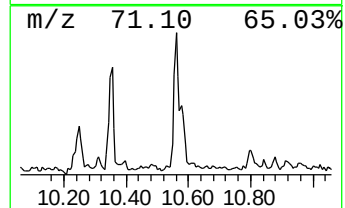
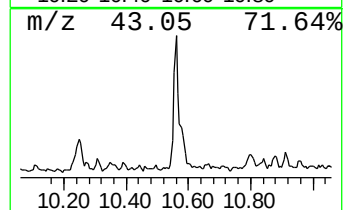
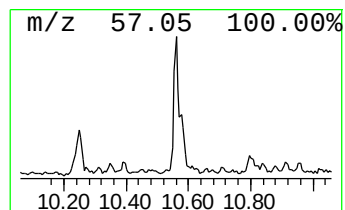
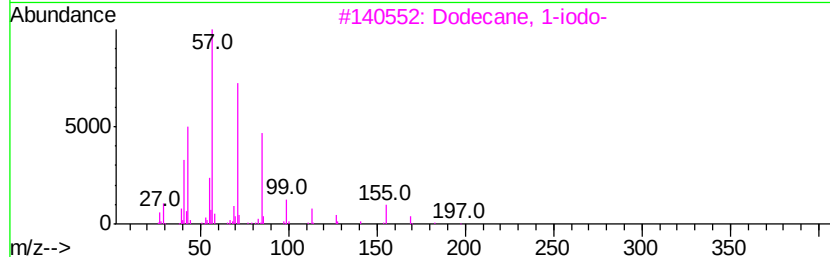
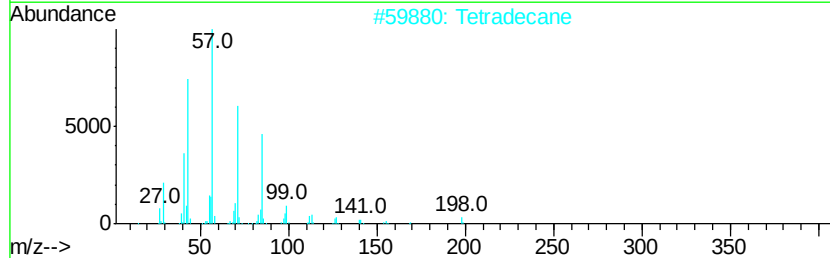
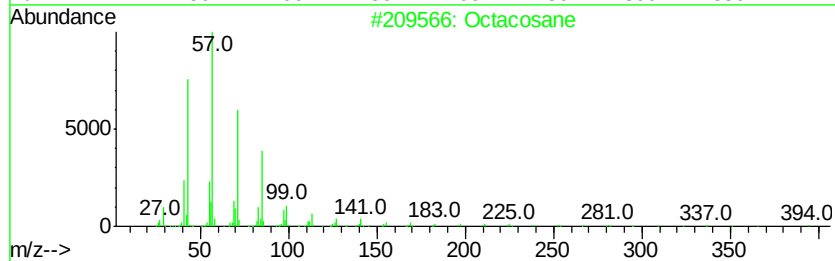
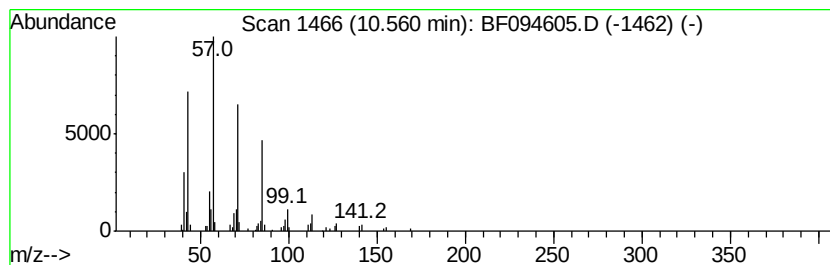
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.13 ng	100096	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Hexadecane	226	C16H34	000544-76-3	72
5		Heptadecane	240	C17H36	000629-78-7	72



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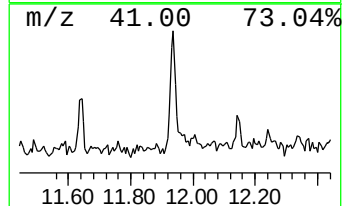
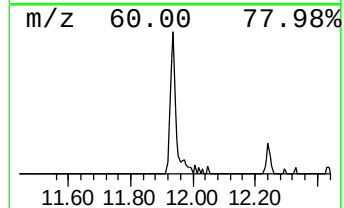
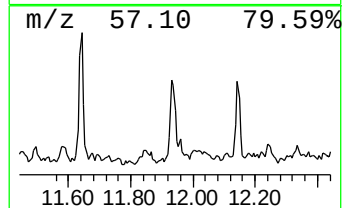
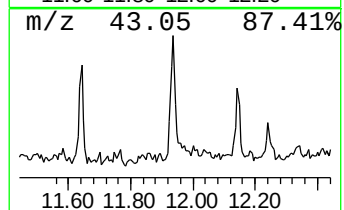
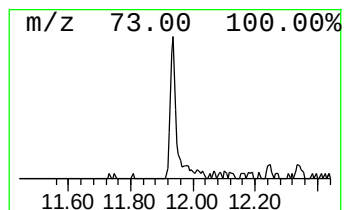
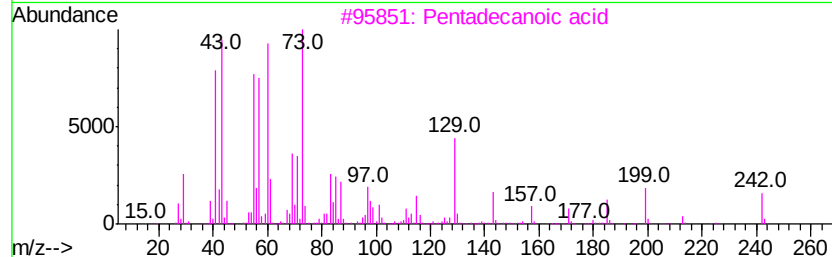
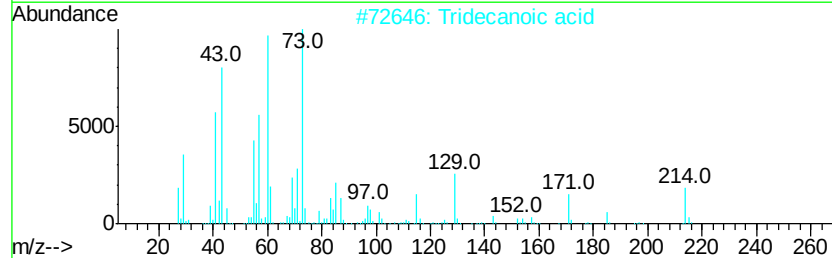
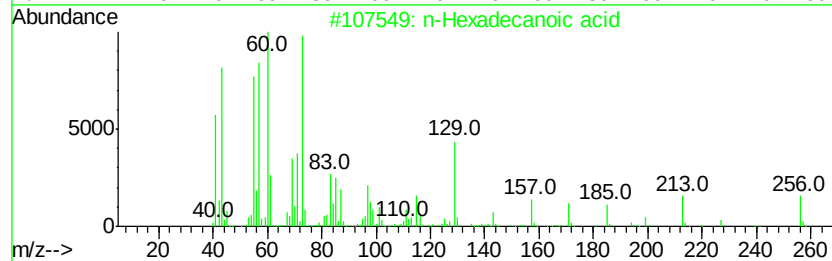
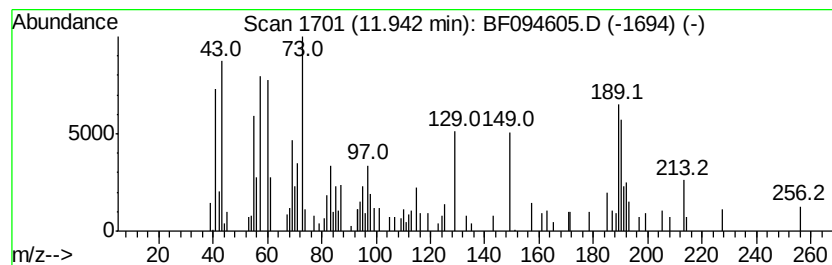
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.68 ng	172792	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Trehalose	342	C12H22O11	000099-20-7	43



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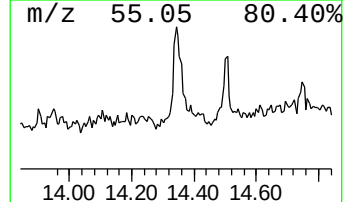
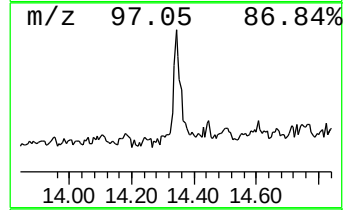
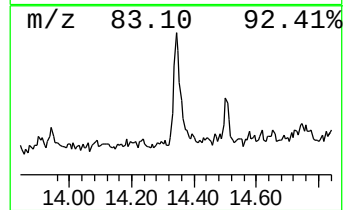
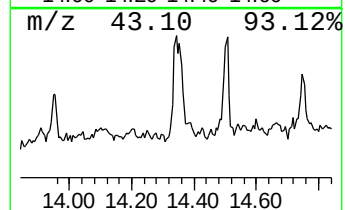
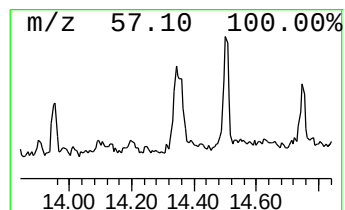
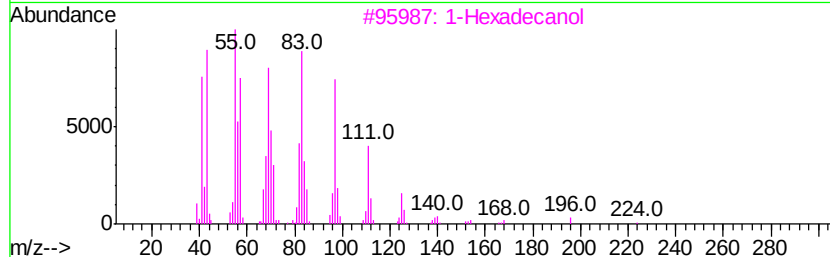
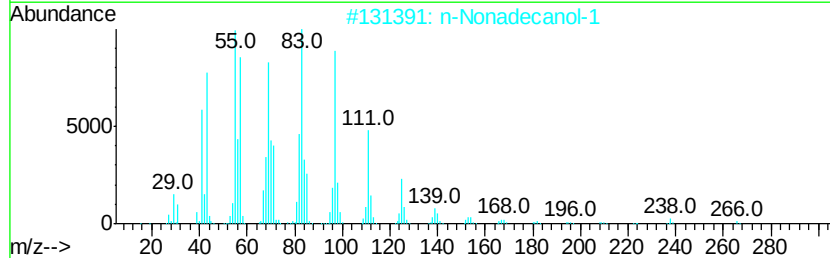
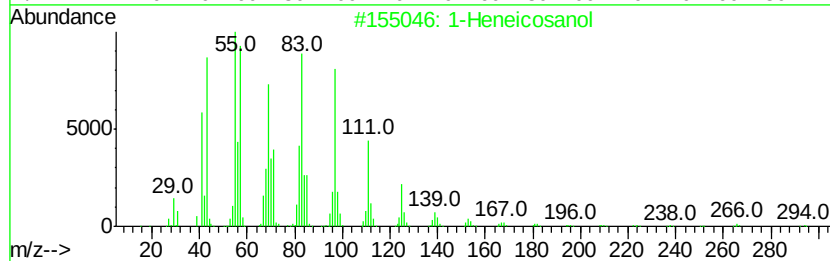
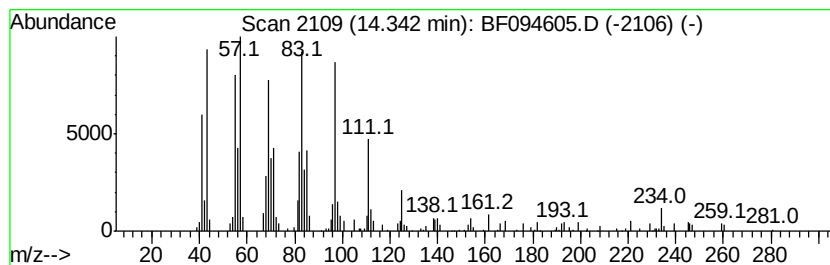
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.34	3.63 ng	156155	Chrysene-d12	14.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
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Acq On : 25 Apr 2017 15:20
Operator : SJ/MA
Sample : I2810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

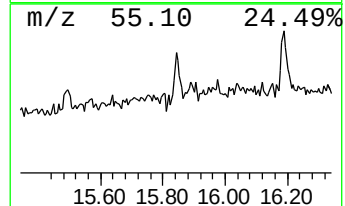
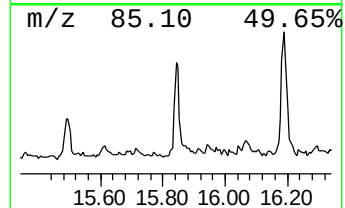
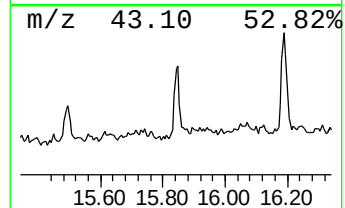
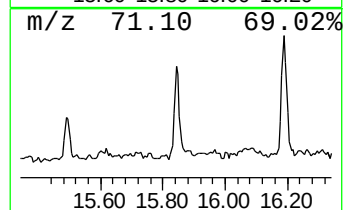
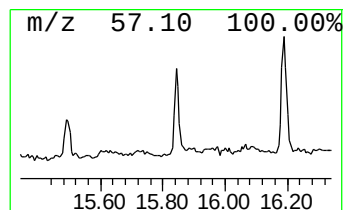
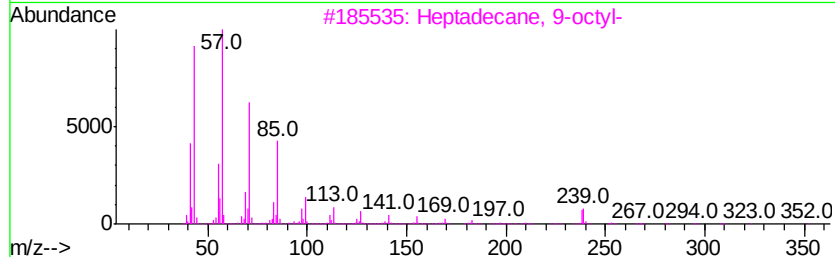
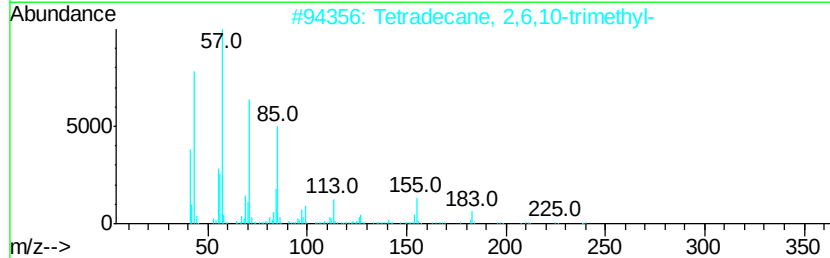
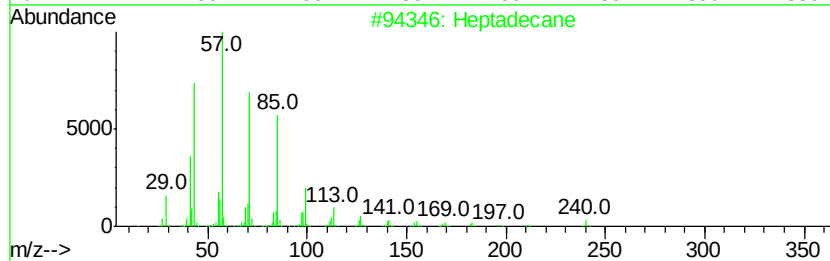
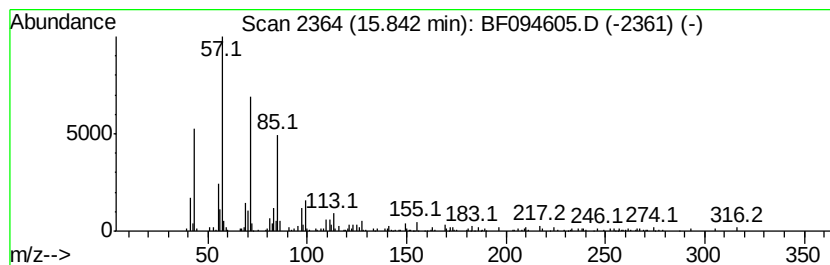
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.84	4.39 ng	161566	Perylene-d12	16.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
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Sample : I2810-01
Misc :
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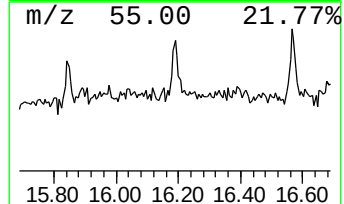
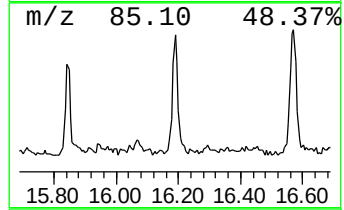
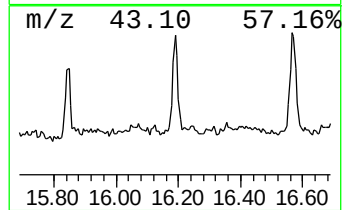
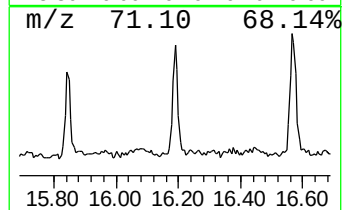
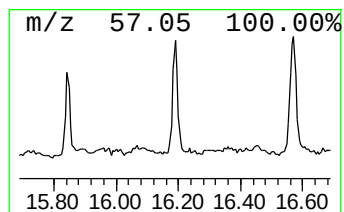
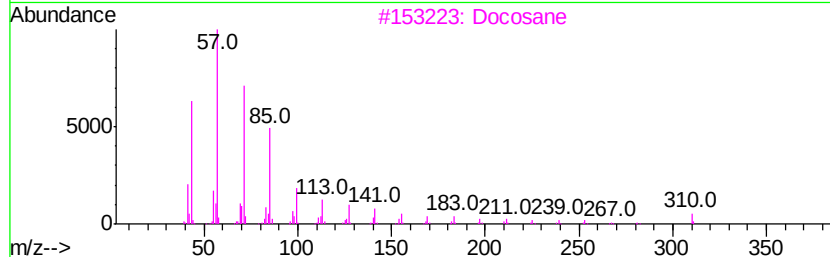
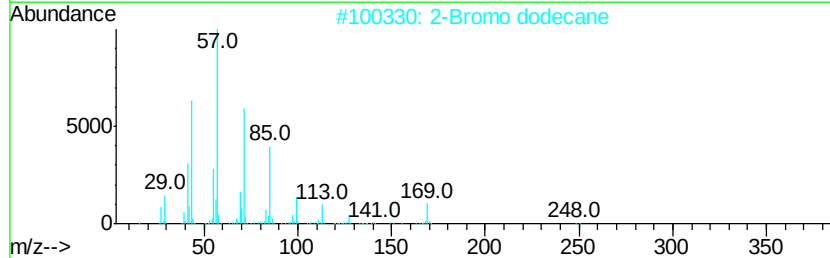
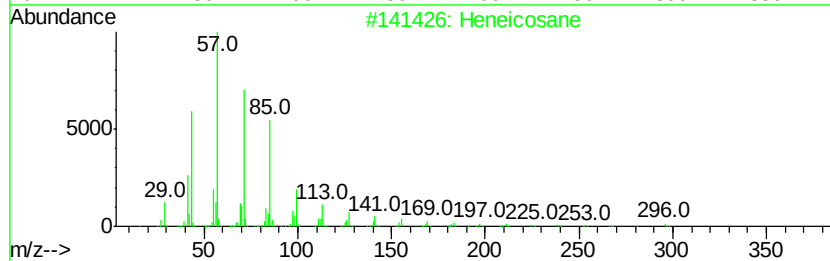
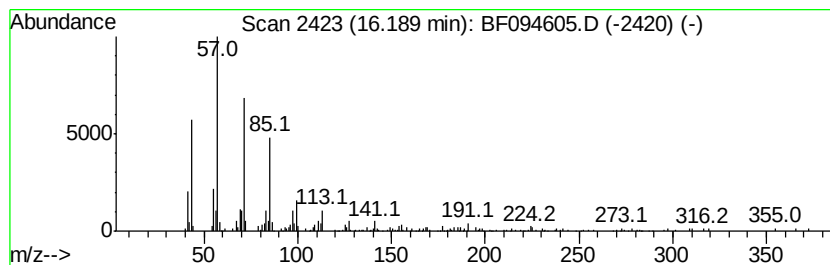
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.19	5.57 ng	205039	Perylene-d12	16.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Docosane	310	C22H46	000629-97-0	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094605.D
Acq On : 25 Apr 2017 15:20
Operator : SJ/MA
Sample : I2810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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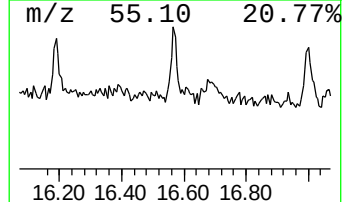
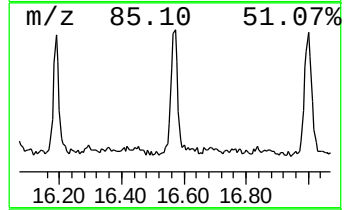
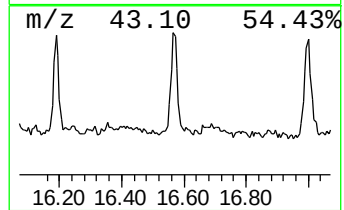
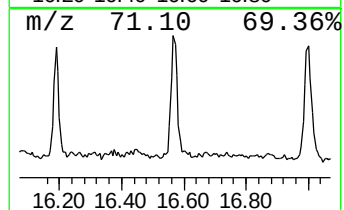
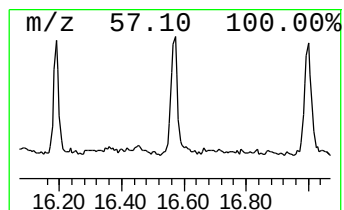
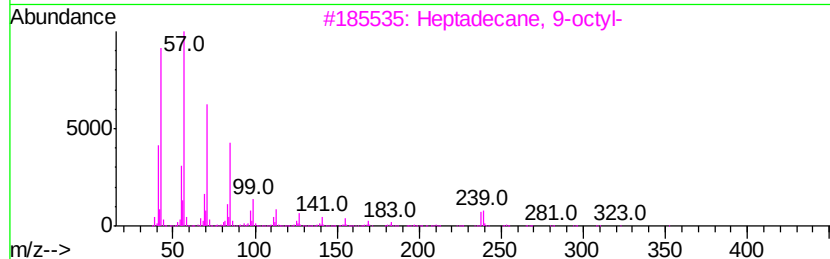
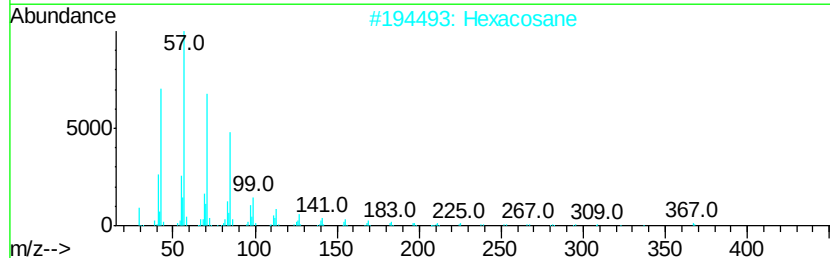
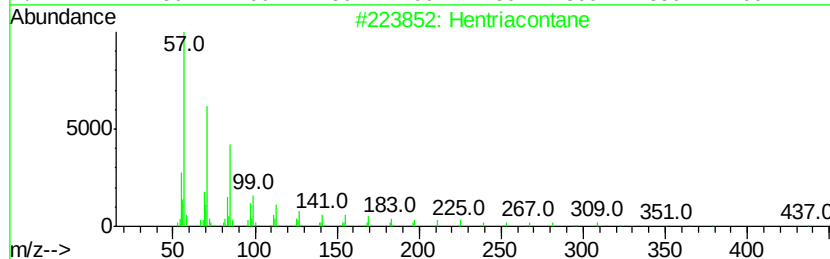
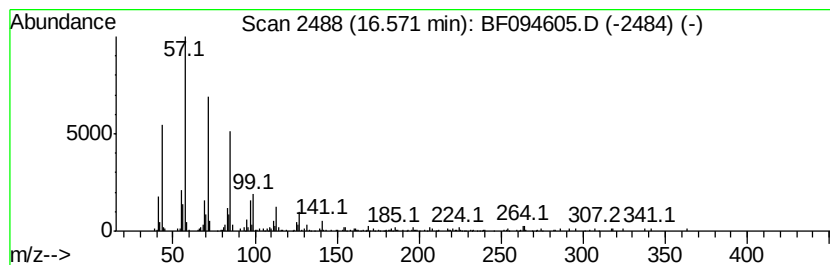
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.46 ng	274672	Perylene-d12	16.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Hexadecane		226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094605.D
Acq On : 25 Apr 2017 15:20
Operator : SJ/MA
Sample : I2810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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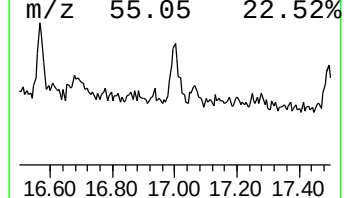
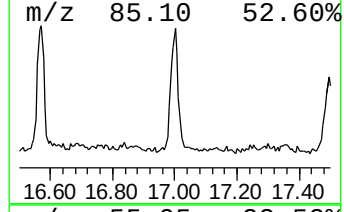
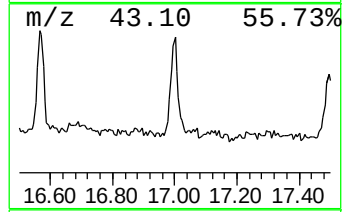
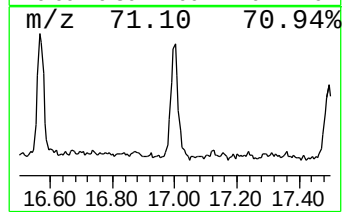
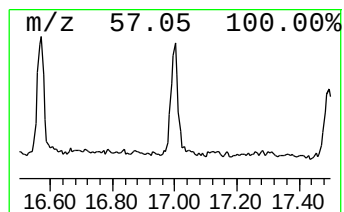
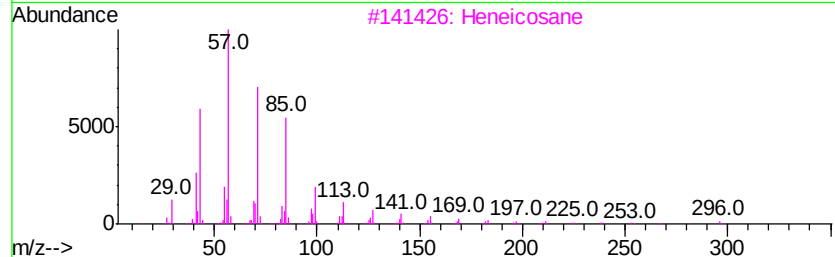
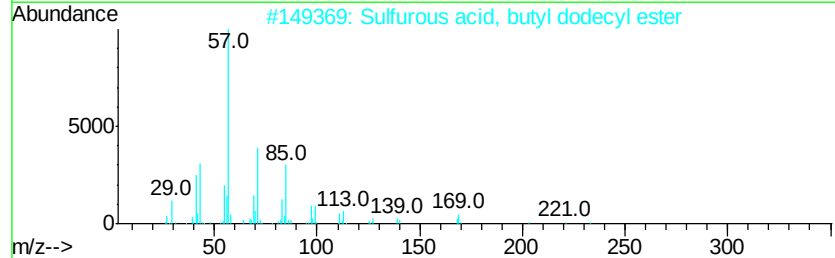
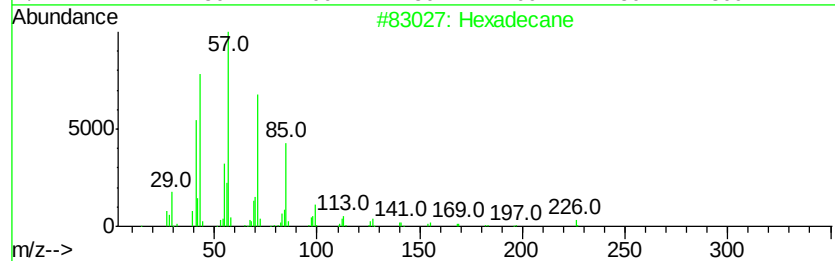
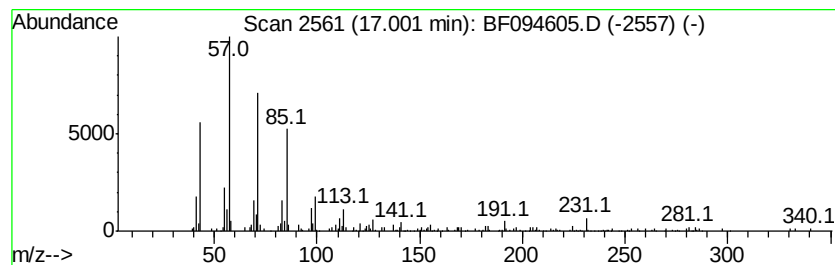
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	6.47 ng	238123	Perylene-d12	16.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
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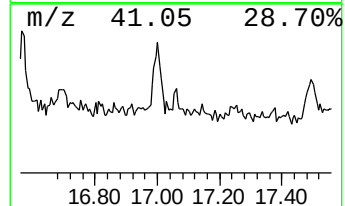
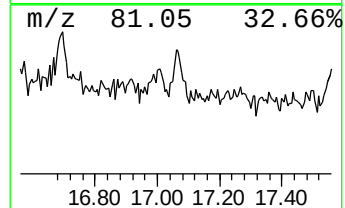
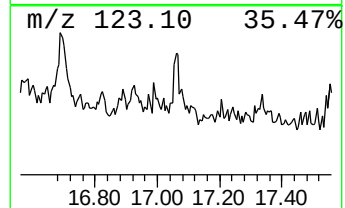
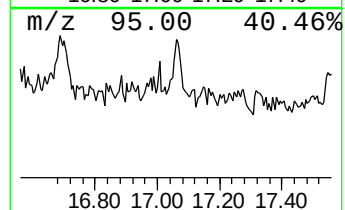
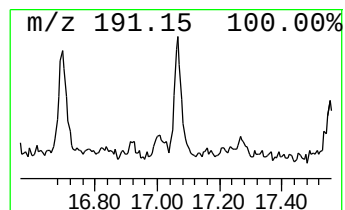
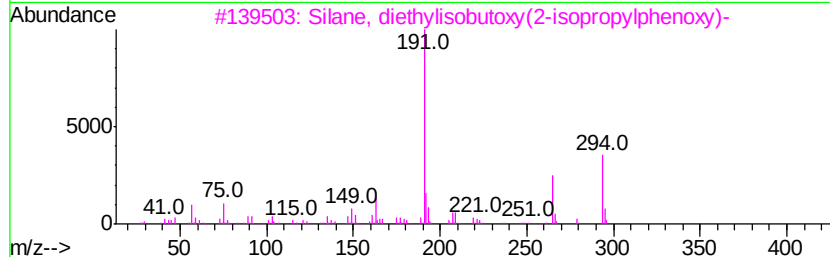
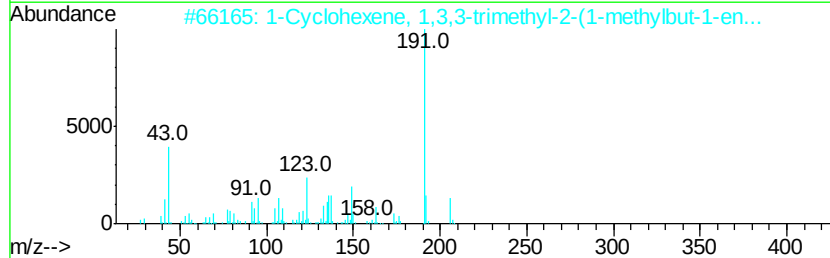
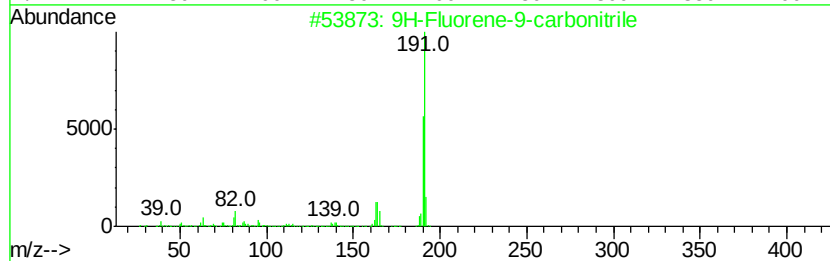
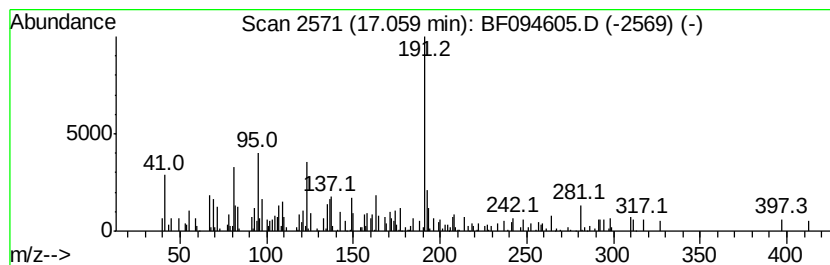
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9H-Fluorene-9-carbonitrile Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.27 ng	83661	Perylene-d12	16.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluorene-9-carbonitrile	191 C14H9N	001529-40-4	50
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	47
3	Silane, diethylisobutoxy(2-isopr...	294 C17H30O2Si	1000363-84-6	45
4	N-[2-Oxo-1,2'-bi(tricyclo[3.3.1...	355 C23H33NO2	1000305-39-6	38
5	Silane, 1,3-decadiynyltrimethyl-	206 C13H22Si	084751-17-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094605.D
Acq On : 25 Apr 2017 15:20
Operator : SJ/MA
Sample : I2810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown5.51	5.51	84.8 ng		3118070	1	5.75	735586	20.0
Octacosane	10.56	2.1 ng		100096	4	11.20	939762	20.0
n-Hexadecanoic acid	11.94	3.7 ng		172792	4	11.20	939762	20.0
1-Heneicosanol	14.34	3.6 ng		156155	5	14.45	860048	20.0
Heptadecane	15.84	4.4 ng		161566	6	16.08	736457	20.0
Heneicosane	16.19	5.6 ng		205039	6	16.08	736457	20.0
Hentriacontane	16.57	7.5 ng		274672	6	16.08	736457	20.0
Hexadecane	17.00	6.5 ng		238123	6	16.08	736457	20.0
9H-Fluorene-9-car...	17.06	2.3 ng		83661	6	16.08	736457	20.0