

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094258.D
 Acq On : 7 Apr 2017 7:22
 Operator : SJ/MA
 Sample : I2542-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

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-BF032217.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	3.998	354	359	370	rBV	783796	1066967	21.30%	2.571%
2	4.398	421	427	430	rBV	4203608	4532455	90.49%	10.922%
3	4.781	488	492	499	rVB	64333	63429	1.27%	0.153%
4	5.469	602	609	614	rBV2	3595718	5008958	100.00%	12.071%
5	5.604	626	632	635	rBV	4284643	4722844	94.29%	11.381%
6	5.851	670	674	678	rBV	1056508	950465	18.98%	2.290%
7	6.034	700	705	708	rBV	3577561	3564318	71.16%	8.589%
8	6.504	778	785	788	rBV	2499990	3078765	61.47%	7.419%
9	7.357	924	930	937	rBV	1235858	1274279	25.44%	3.071%
10	8.680	1149	1155	1159	rBV	4187196	4693816	93.71%	11.311%
11	9.175	1234	1239	1243	rBV	465092	424323	8.47%	1.023%
12	9.498	1285	1294	1298	rBV	1217877	1342088	26.79%	3.234%
13	10.086	1390	1394	1398	rBV	57585	57382	1.15%	0.138%
14	10.469	1453	1459	1463	rBV	2222636	2556699	51.04%	6.161%
15	10.674	1489	1494	1501	rBV	85451	119153	2.38%	0.287%
16	11.227	1584	1588	1591	rBV	68427	67166	1.34%	0.162%
17	11.316	1599	1603	1606	rBV	1163765	1153327	23.03%	2.779%
18	11.345	1606	1608	1612	rVB	133107	109385	2.18%	0.264%
19	12.810	1853	1857	1861	rBV	220124	211602	4.22%	0.510%
20	13.080	1899	1903	1908	rBV	179910	200551	4.00%	0.483%
21	13.133	1908	1912	1915	rBV2	53557	54714	1.09%	0.132%
22	13.298	1934	1940	1944	rBV	2697949	3214450	64.17%	7.746%
23	14.474	2134	2140	2147	rBV3	132764	226811	4.53%	0.547%
24	14.568	2151	2156	2159	rVV	865199	950915	18.98%	2.292%
25	14.598	2159	2161	2164	rVB	70158	63733	1.27%	0.154%
26	14.868	2203	2207	2213	rVB2	91108	100742	2.01%	0.243%
27	15.245	2268	2271	2278	rVB2	103711	134254	2.68%	0.324%
28	15.609	2329	2333	2338	rBV	87185	98941	1.98%	0.238%
29	15.792	2360	2364	2367	rBV	71968	96821	1.93%	0.233%
30	15.962	2390	2393	2397	rBV	100004	112307	2.24%	0.271%
31	16.133	2419	2422	2426	rVB	63830	72069	1.44%	0.174%
32	16.198	2428	2433	2440	rBV	698937	800795	15.99%	1.930%
33	16.315	2450	2453	2457	rBV	67693	85609	1.71%	0.206%
34	16.715	2517	2521	2527	rBV	70379	110939	2.21%	0.267%

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Instrument :
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ClientSampleId :
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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	17.174	2595	2599	2607	rVB4	46830	102835	2.05%	0.248%
36	17.692	2683	2687	2694	rBV5	31568	73381	1.46%	0.177%

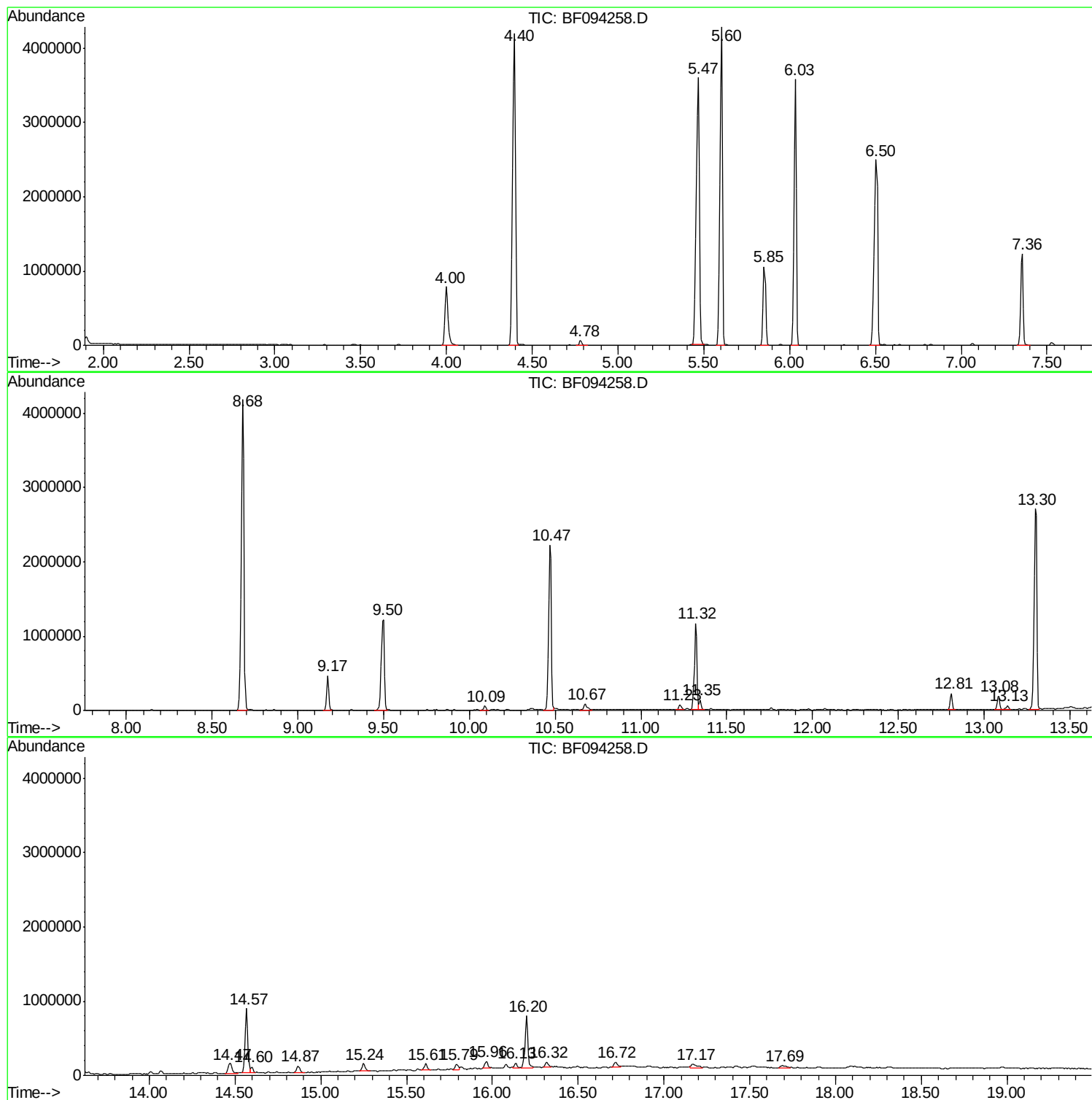
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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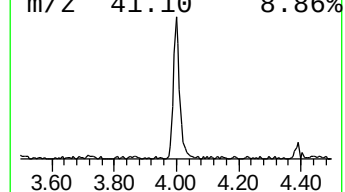
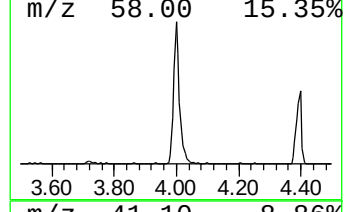
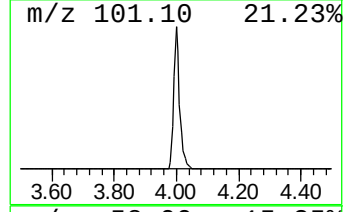
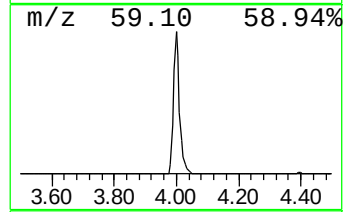
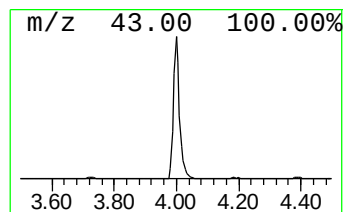
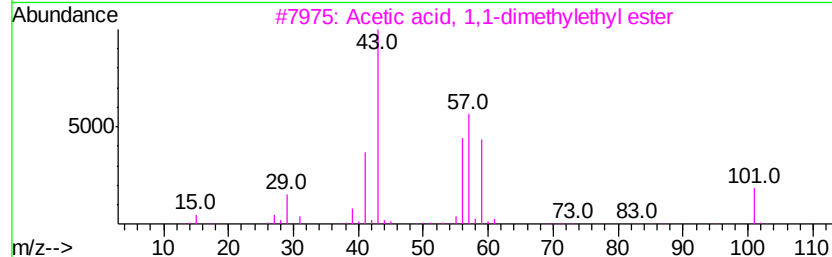
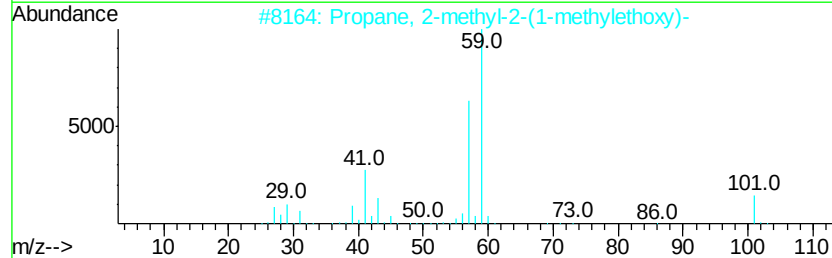
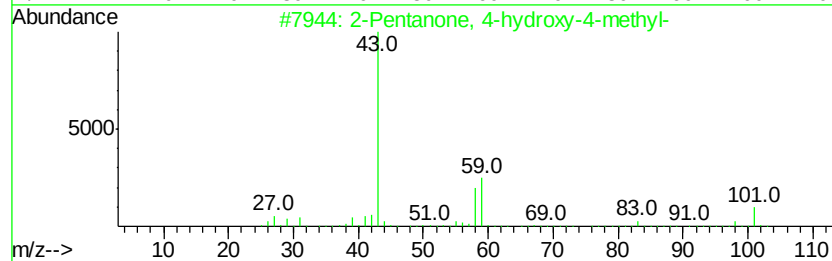
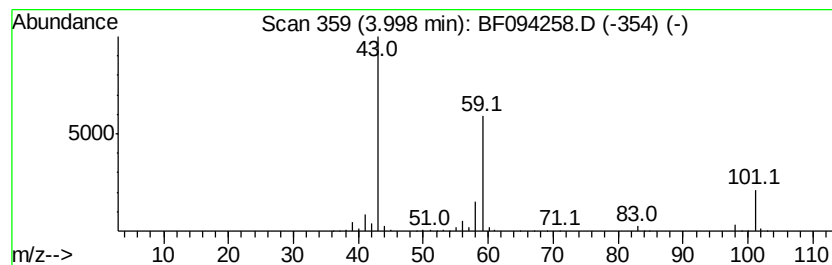
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	22.45 ng	1066970	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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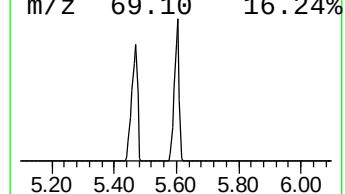
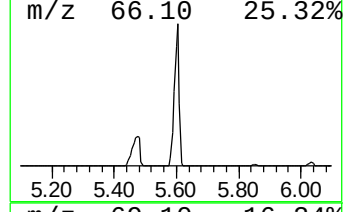
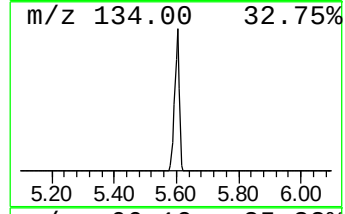
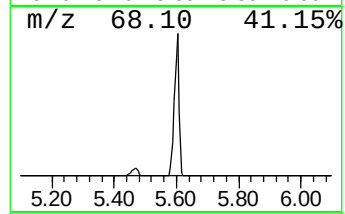
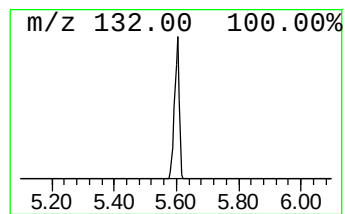
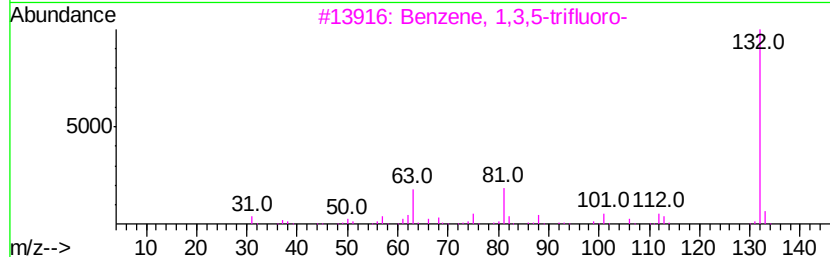
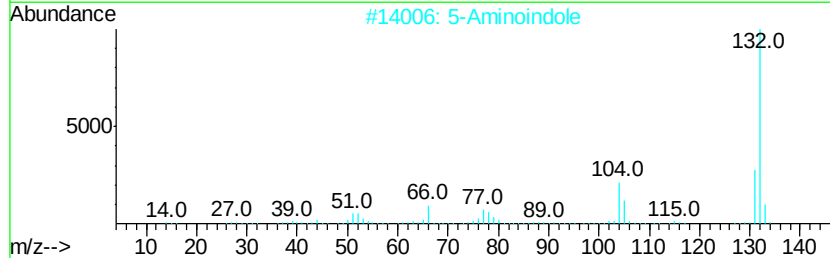
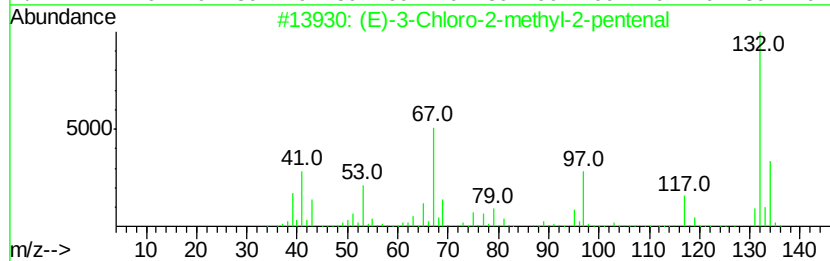
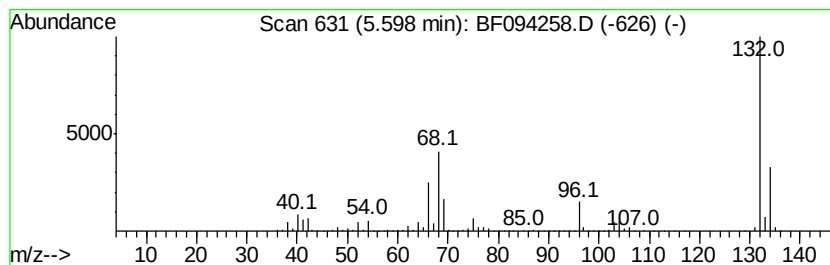
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown5.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	99.38 ng	4722840	1,4-Dichlorobenzene-d4	5.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17		
2	5-Aminoindole	132	C8H8N2	005192-03-0	12		
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9		
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9		
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9		



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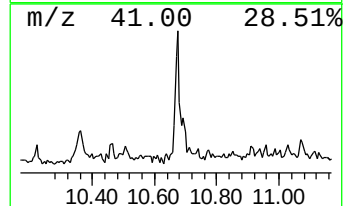
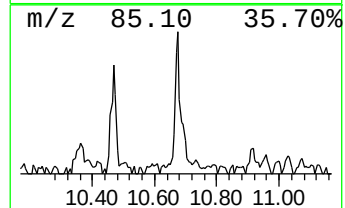
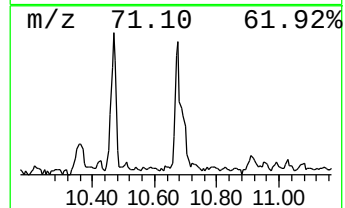
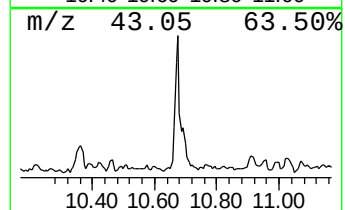
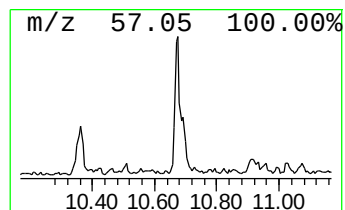
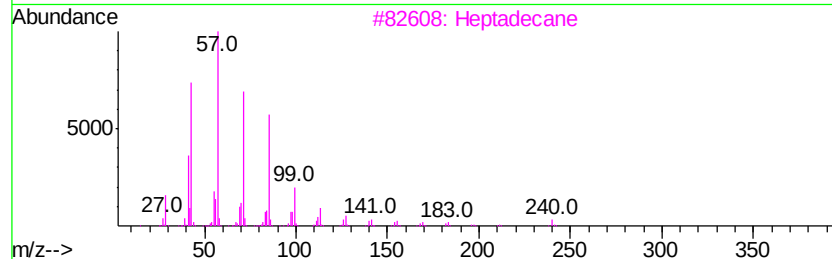
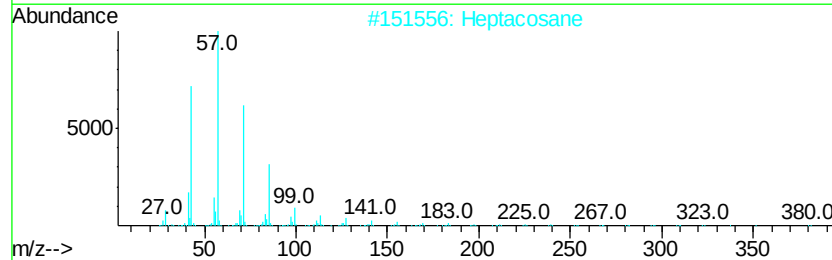
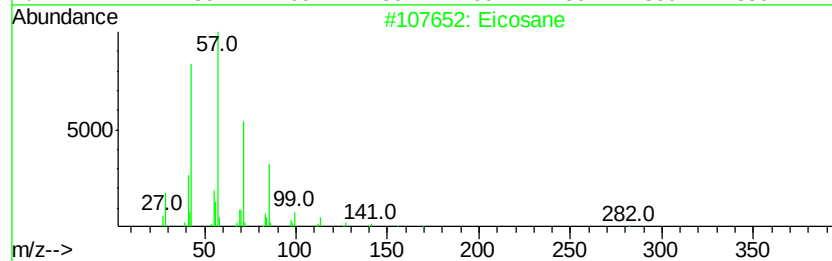
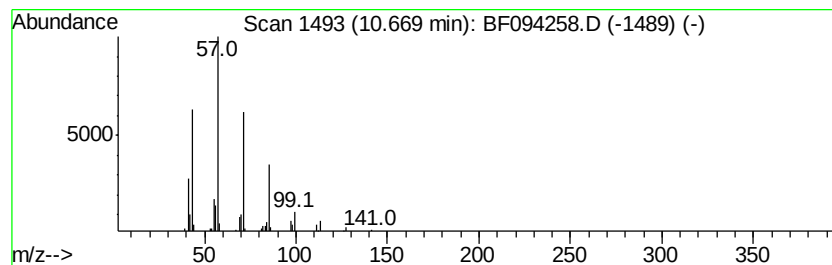
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.67	2.07 ng	119153	Phenanthrene-d10		11.32		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Heptacosane	380	C27H56	000593-49-7	90
3			Heptadecane	240	C17H36	000629-78-7	87
4			Pentadecane	212	C15H32	000629-62-9	86
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



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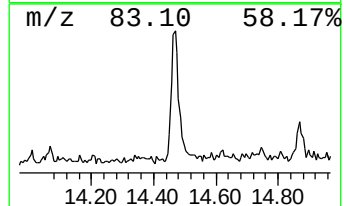
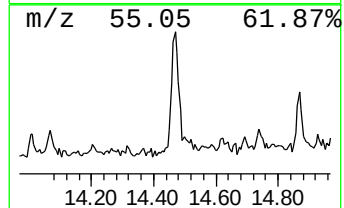
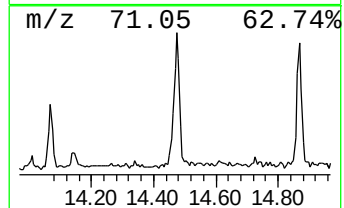
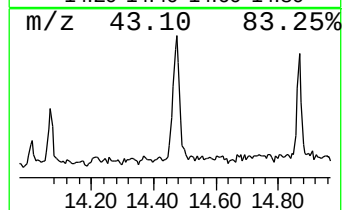
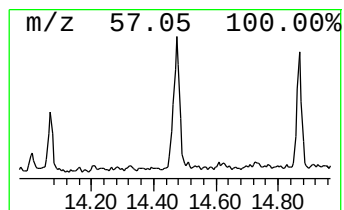
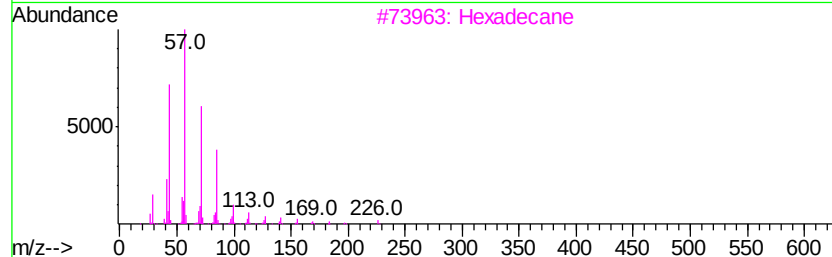
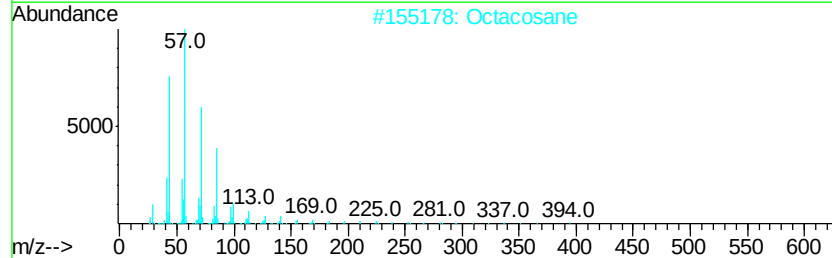
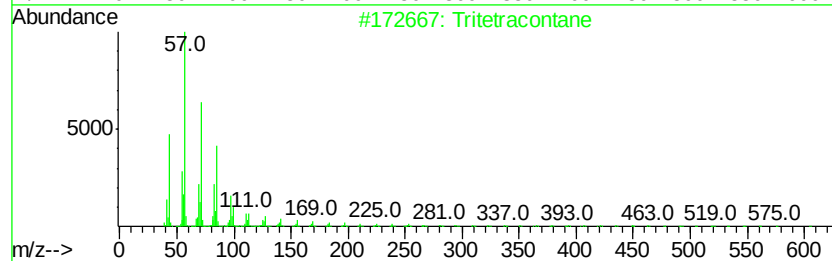
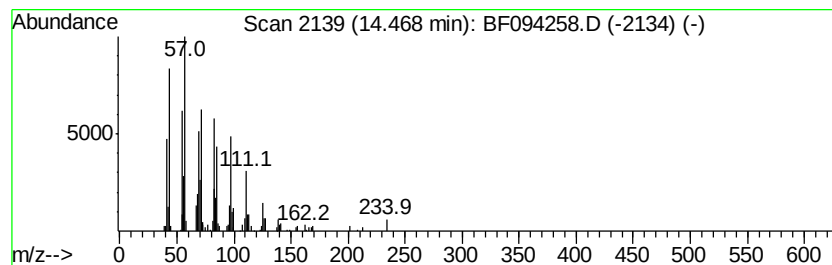
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.77 ng	226811	Chrysene-d12	14.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	80
2		Octacosane	394	C28H58	000630-02-4	62
3		Hexadecane	226	C16H34	000544-76-3	62
4		Pentadecane	212	C15H32	000629-62-9	62
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58



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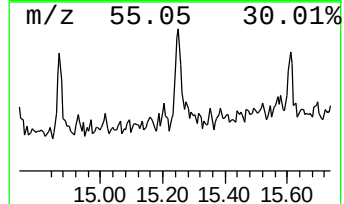
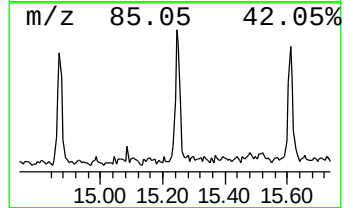
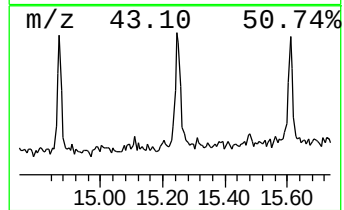
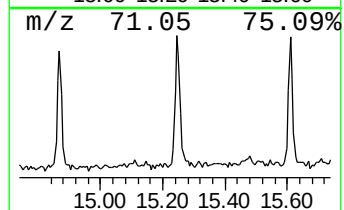
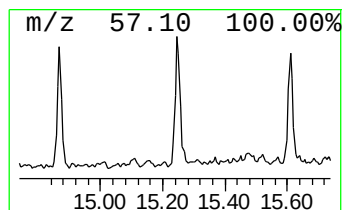
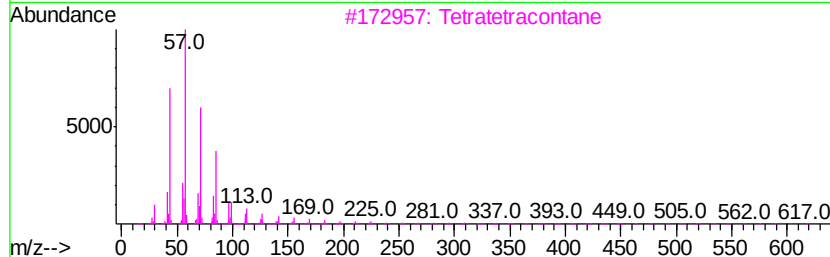
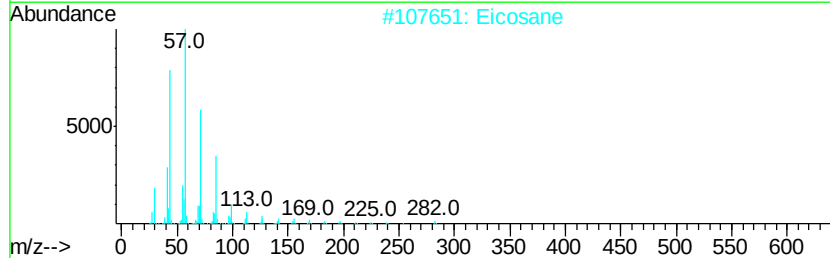
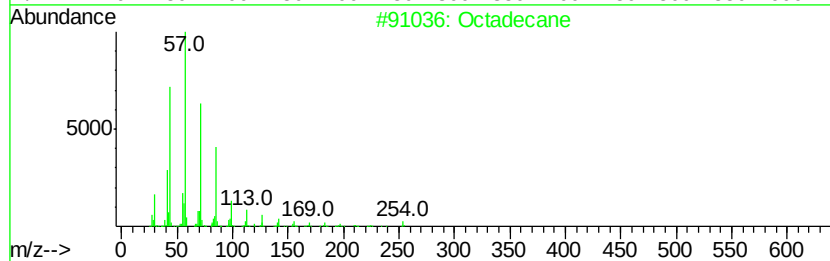
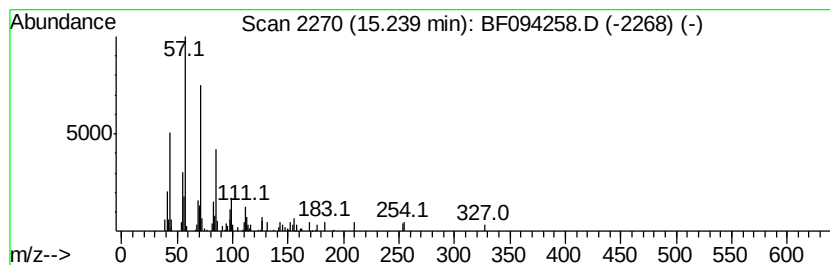
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.24	2.82 ng	134254	Chrysene-d12		14.57
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Eicosane	282	C20H42	000112-95-8	94
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Hexatriacontane	507	C36H74	000630-06-8	91



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COMP-2

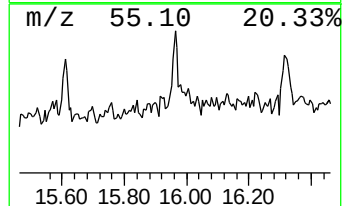
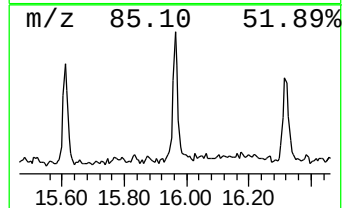
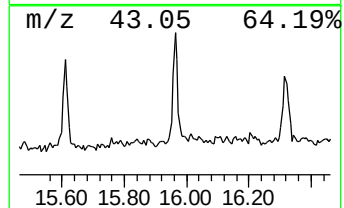
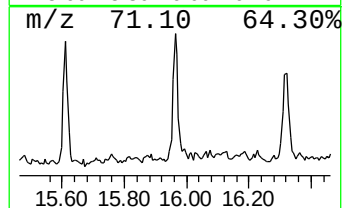
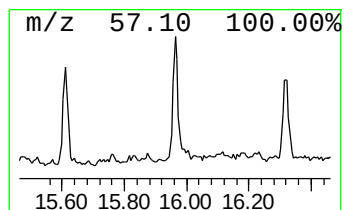
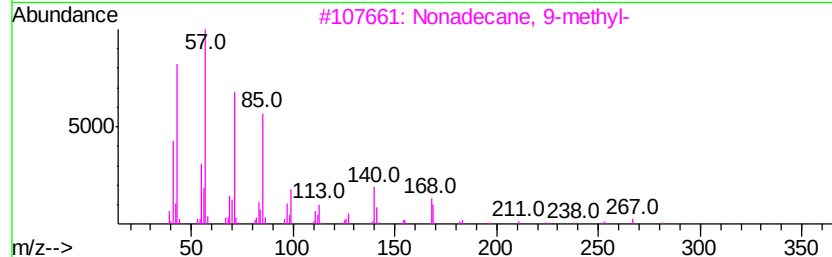
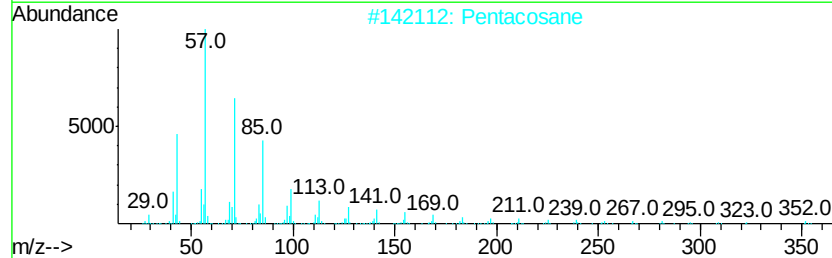
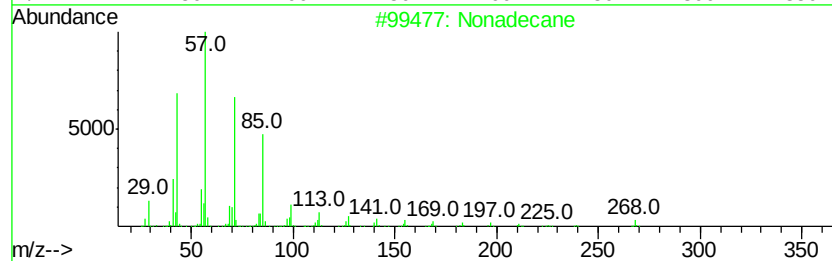
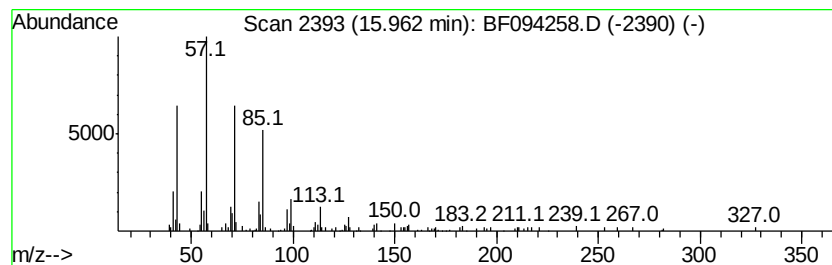
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.80 ng	112307	Perylene-d12	16.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	87
2	Pentacosane		352	C25H52	000629-99-2	87
3	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	87
4	Nonacosane		408	C29H60	000630-03-5	87
5	Docosane		310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094258.D
Acq On : 7 Apr 2017 7:22
Operator : SJ/MA
Sample : I2542-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

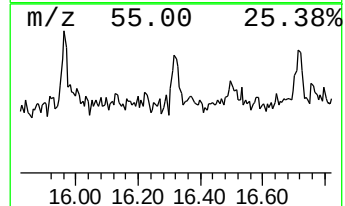
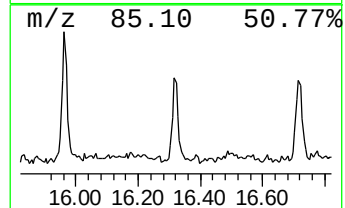
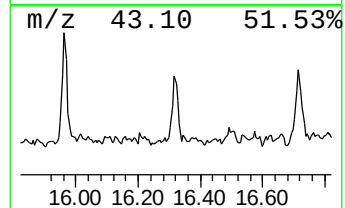
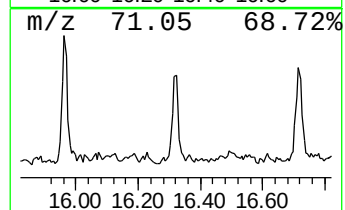
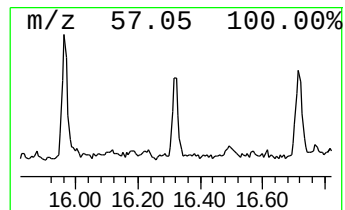
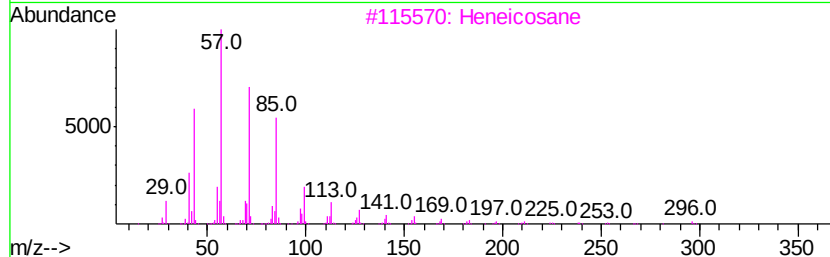
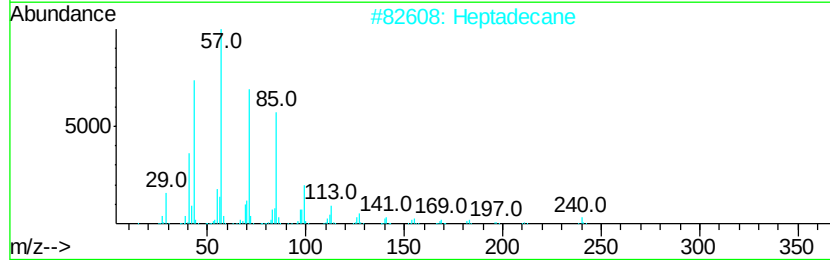
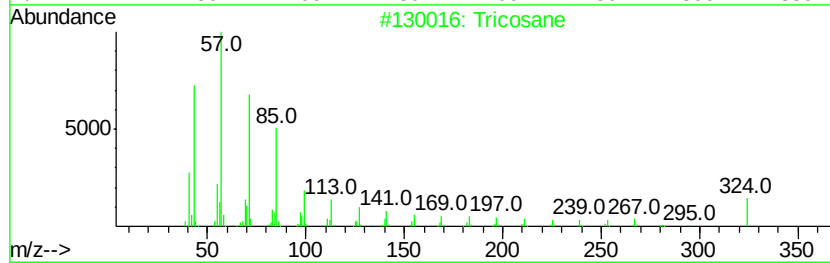
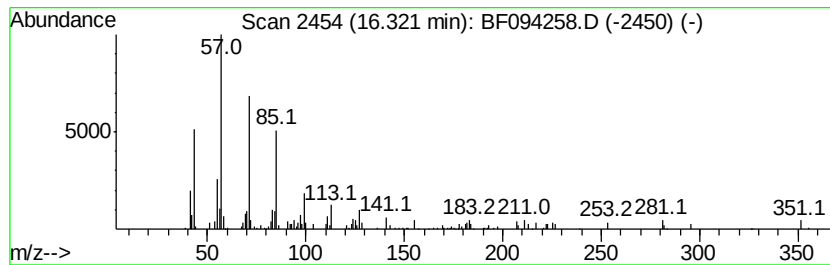
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.14 ng	85609	Perylene-d12	16.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	87
2		Heptadecane	240	C17H36	000629-78-7	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Docosane	310	C22H46	000629-97-0	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094258.D
Acq On : 7 Apr 2017 7:22
Operator : SJ/MA
Sample : I2542-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

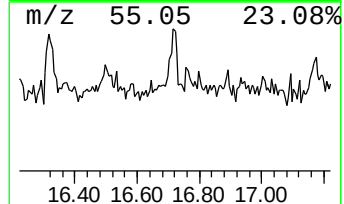
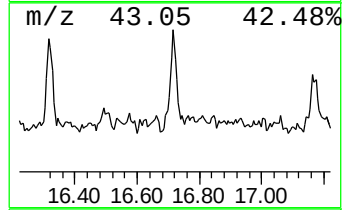
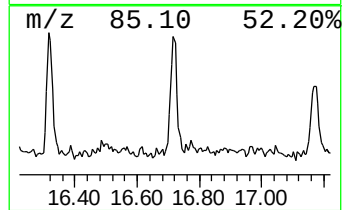
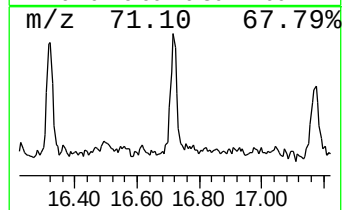
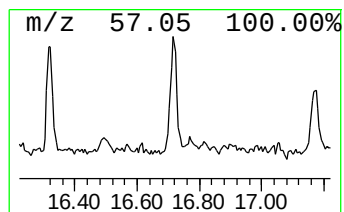
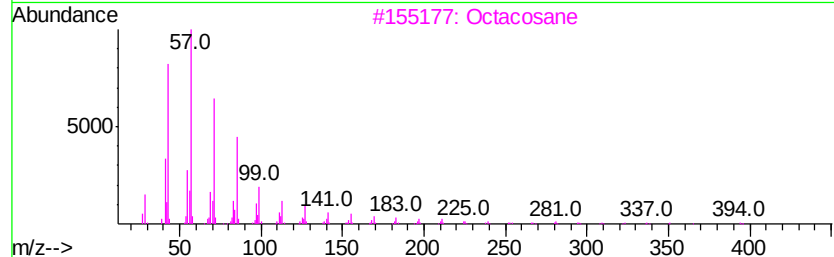
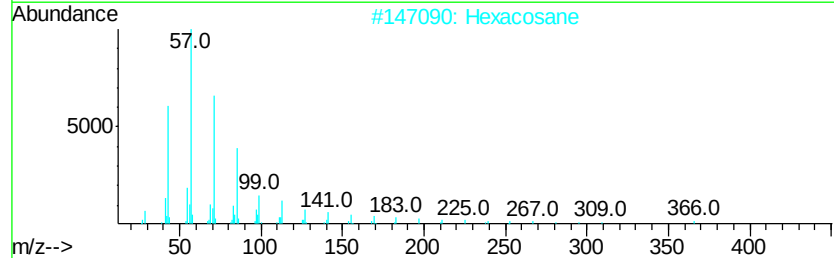
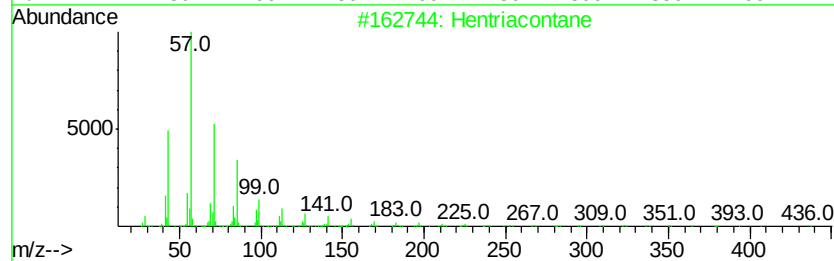
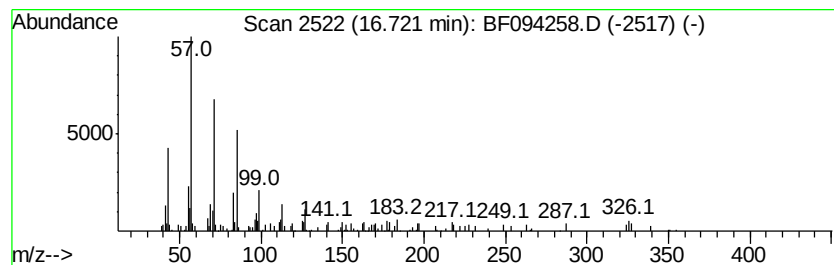
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.77 ng	110939	Perylene-d12	16.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Hexacosane	366	C26H54	000630-01-3	87
3			Octacosane	394	C28H58	000630-02-4	86
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5			Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094258.D
Acq On : 7 Apr 2017 7:22
Operator : SJ/MA
Sample : I2542-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.00	22.4	ng	1066970	1	5.85	950465	20.0
unknown5.60	5.60	99.4	ng	4722840	1	5.85	950465	20.0
Eicosane	10.67	2.1	ng	119153	4	11.32	1153330	20.0
Tritetracontane	14.47	4.8	ng	226811	5	14.57	950915	20.0
Octadecane	15.24	2.8	ng	134254	5	14.57	950915	20.0
Nonadecane	15.96	2.8	ng	112307	6	16.20	800795	20.0
Tricosane	16.32	2.1	ng	85609	6	16.20	800795	20.0
Hentriacontane	16.72	2.8	ng	110939	6	16.20	800795	20.0