

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087987.D
 Acq On : 13 Jun 2016 17:10
 Operator : UM/SJ
 Sample : H3395-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-980-PLATFORM(0-4)

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-BF060716.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	1.736	11	13	20	rVB	165484	308579	12.09%	1.025%
2	1.861	22	24	35	rVV	1248431	2222018	87.04%	7.381%
3	2.010	35	37	69	rVB2	65036	348432	13.65%	1.157%
4	4.959	293	295	301	rBV	139782	185610	7.27%	0.617%
5	5.382	330	332	335	rBV	1513343	1959197	76.74%	6.508%
6	6.433	421	424	426	rBV	1951655	2056670	80.56%	6.831%
7	6.559	432	435	437	rBV	2130018	1962657	76.88%	6.519%
8	6.787	453	455	458	rBV	603238	594189	23.27%	1.974%
9	6.947	466	469	471	rBV	1921765	1653339	64.76%	5.492%
10	7.359	502	505	507	rBV	1438593	1370591	53.69%	4.552%
11	8.079	566	568	570	rBV	1027799	877122	34.36%	2.913%
12	9.165	660	663	665	rBV	2493108	2552943	100.00%	8.480%
13	9.553	695	697	699	rBV	249418	214912	8.42%	0.714%
14	9.691	708	709	712	rBV	104645	89732	3.51%	0.298%
15	9.839	719	722	724	rBV	781763	924517	36.21%	3.071%
16	10.274	759	760	762	rVB	58392	46993	1.84%	0.156%
17	10.491	776	779	782	rBV	22958	33909	1.33%	0.113%
18	10.628	788	791	793	rBV2	980238	1393198	54.57%	4.628%
19	10.742	799	801	805	rBV	62680	89679	3.51%	0.298%
20	11.188	839	840	845	rVB	34190	62846	2.46%	0.209%
21	11.314	849	851	855	rBV2	994785	957421	37.50%	3.180%
22	11.382	855	857	859	rVB2	52189	76561	3.00%	0.254%
23	11.565	869	873	876	rBV4	43415	120927	4.74%	0.402%
24	11.622	876	878	879	rVB	33103	34271	1.34%	0.114%
25	11.817	893	895	896	rBV	32775	29574	1.16%	0.098%
26	11.851	896	898	900	rVV2	153786	192187	7.53%	0.638%
27	11.919	903	904	909	rVB	54295	105237	4.12%	0.350%
28	12.022	912	913	918	rVV2	33483	47387	1.86%	0.157%
29	12.114	918	921	925	rVB2	31805	72591	2.84%	0.241%
30	12.262	931	934	935	rBV	22485	29505	1.16%	0.098%
31	12.365	940	943	944	rBV	71066	87011	3.41%	0.289%
32	12.422	944	948	949	rVB3	38400	90318	3.54%	0.300%
33	12.445	949	950	954	rVB	59276	59227	2.32%	0.197%
34	12.525	954	957	959	rBV	701393	621134	24.33%	2.063%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

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 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.571	959	961	964	rBV4	20423	48222	1.89%	0.160%
36	12.617	964	965	966	rBV	39113	34518	1.35%	0.115%
37	12.754	974	977	978	rBV	553455	652552	25.56%	2.167%
38	12.799	978	981	984	rVB3	32194	85188	3.34%	0.283%
39	12.868	985	987	988	rBV	41700	47553	1.86%	0.158%
40	12.902	988	990	993	rVB	2023072	1872281	73.34%	6.219%
41	12.971	993	996	1000	rBV3	84764	156821	6.14%	0.521%
42	13.074	1002	1005	1007	rVB2	70823	168514	6.60%	0.560%
43	13.142	1007	1011	1013	rBV2	75512	123744	4.85%	0.411%
44	13.188	1013	1015	1018	rVV2	78538	132152	5.18%	0.439%
45	13.280	1021	1023	1024	rVB	37951	48135	1.89%	0.160%
46	13.302	1024	1025	1027	rBV	53166	62887	2.46%	0.209%
47	13.382	1030	1032	1036	rVB3	25543	44798	1.75%	0.149%
48	13.485	1036	1041	1044	rBV6	45481	144388	5.66%	0.480%
49	13.588	1047	1050	1052	rVB	77709	113318	4.44%	0.376%
50	13.691	1057	1059	1061	rBV	103433	143606	5.63%	0.477%
51	13.725	1061	1062	1063	rVV	71311	64245	2.52%	0.213%
52	13.817	1066	1070	1073	rVB3	76954	185755	7.28%	0.617%
53	13.942	1078	1081	1088	rBV2	785042	1523542	59.68%	5.061%
54	14.331	1113	1115	1117	rBV	85177	93077	3.65%	0.309%
55	14.365	1117	1118	1120	rVB2	62006	59660	2.34%	0.198%
56	14.628	1139	1141	1143	rBV2	35823	55231	2.16%	0.183%
57	14.800	1153	1156	1161	rBV3	63930	133008	5.21%	0.442%
58	14.960	1167	1170	1175	rVB	390712	757984	29.69%	2.518%
59	15.063	1177	1179	1181	rVB	81452	97182	3.81%	0.323%
60	15.245	1192	1195	1197	rBV	182580	240086	9.40%	0.797%
61	15.303	1197	1200	1203	rVV	245656	309923	12.14%	1.029%
62	15.360	1203	1205	1216	rVB	500207	803141	31.46%	2.668%
63	16.308	1286	1288	1290	rBV	18872	29468	1.15%	0.098%
64	16.708	1320	1323	1328	rVB2	95373	192666	7.55%	0.640%
65	16.937	1340	1343	1345	rBV2	18999	35753	1.40%	0.119%
66	17.120	1356	1359	1367	rVB	74995	176482	6.91%	0.586%

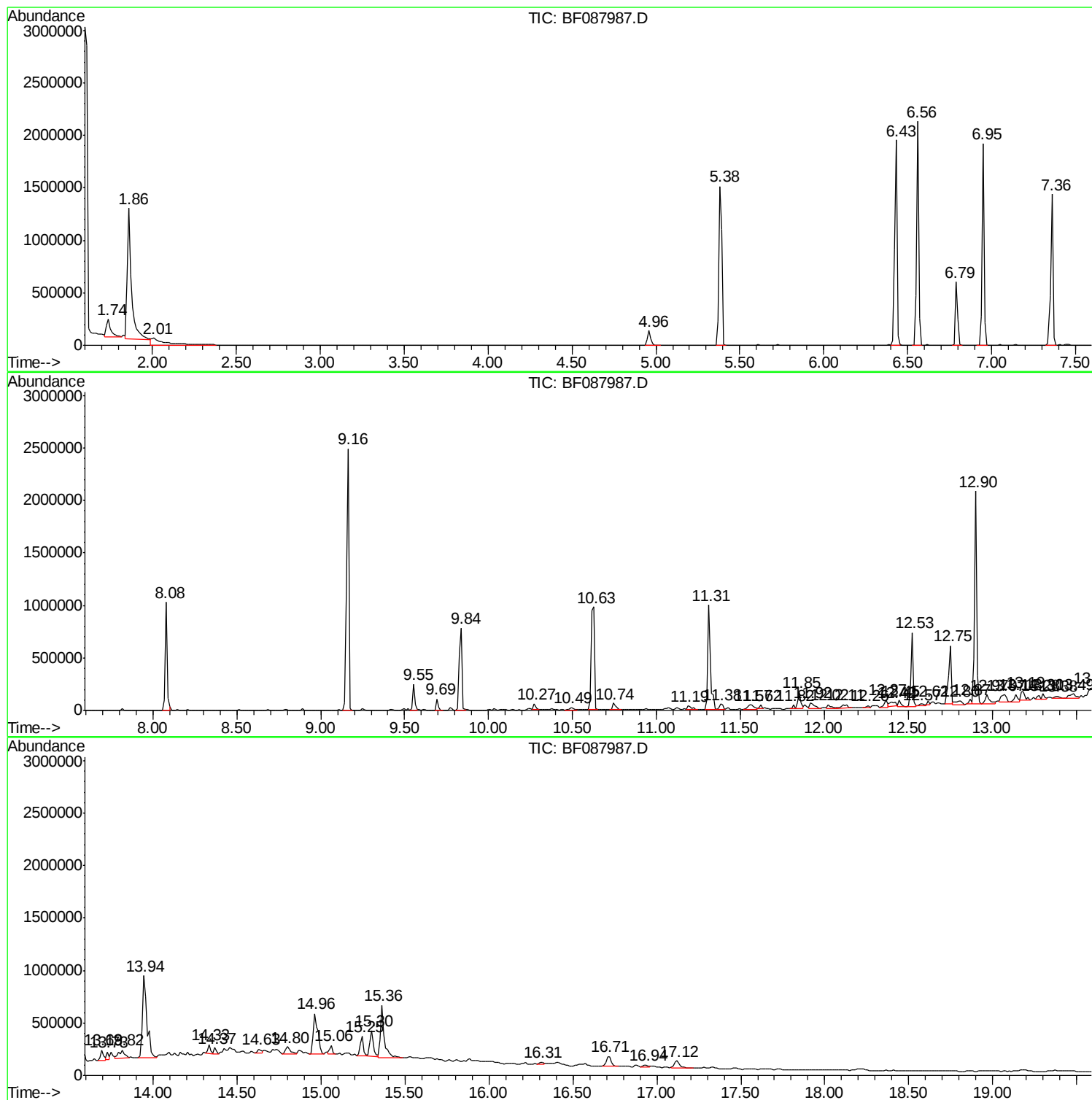
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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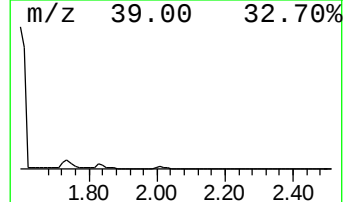
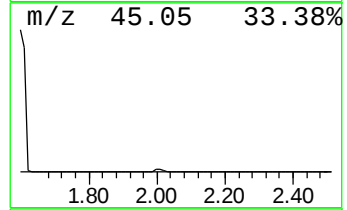
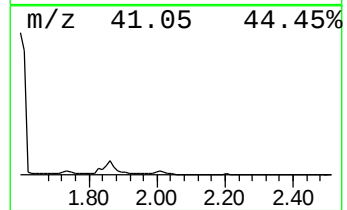
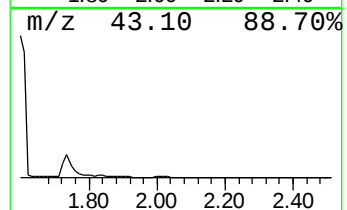
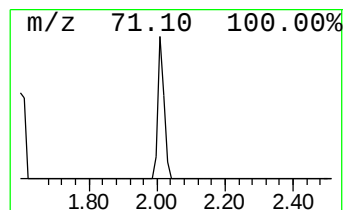
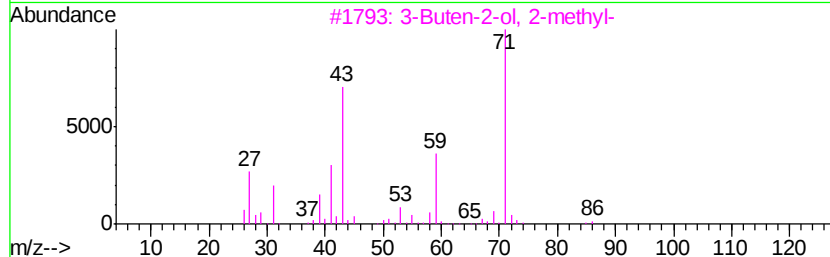
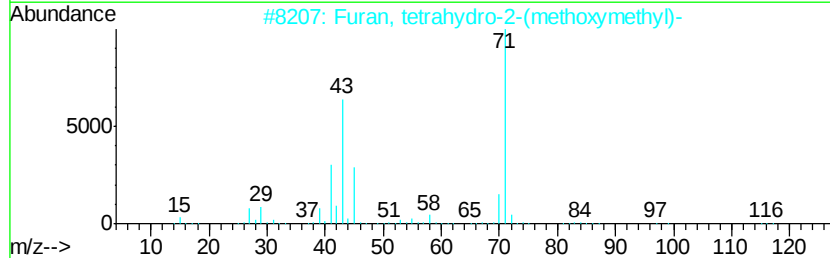
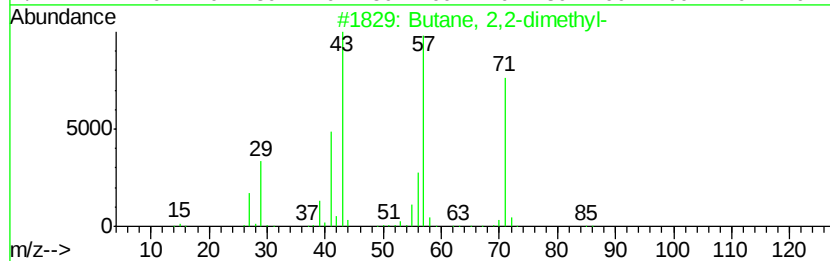
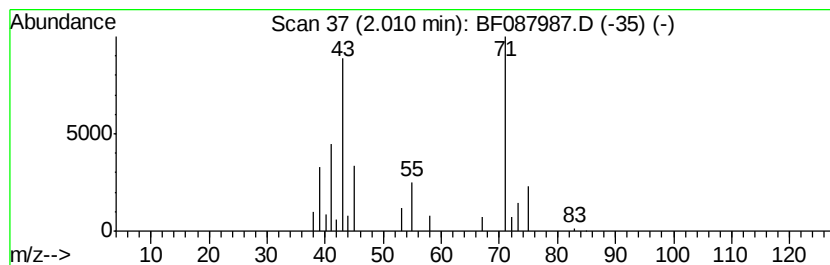
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown2.01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	11.73 ng	348432	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
2			Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	36
3			3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	33
4			Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	33
5			1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	28



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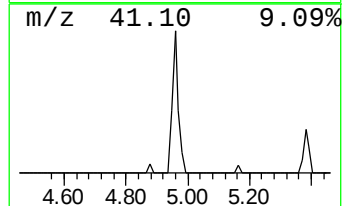
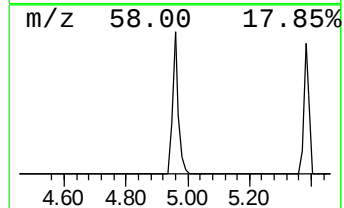
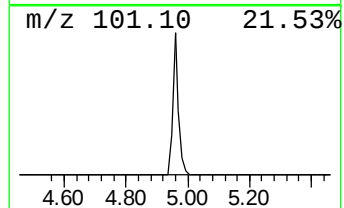
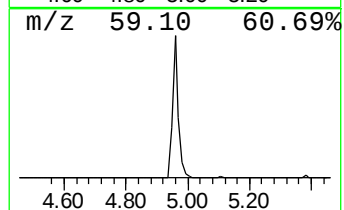
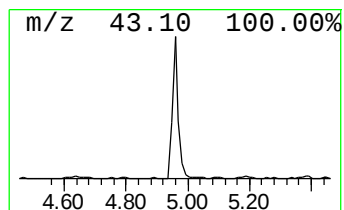
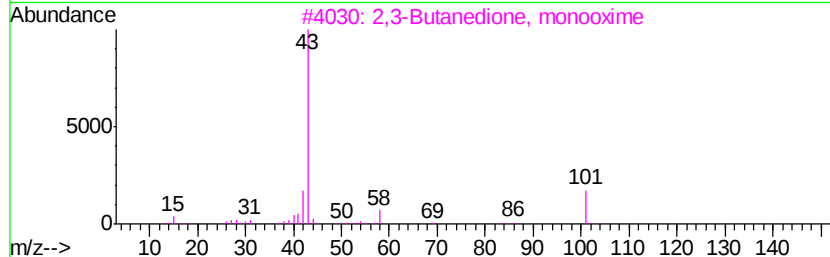
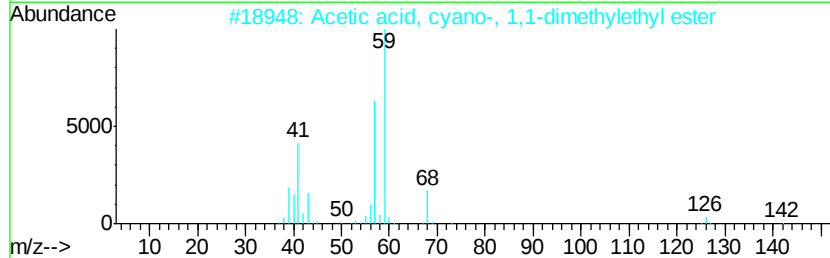
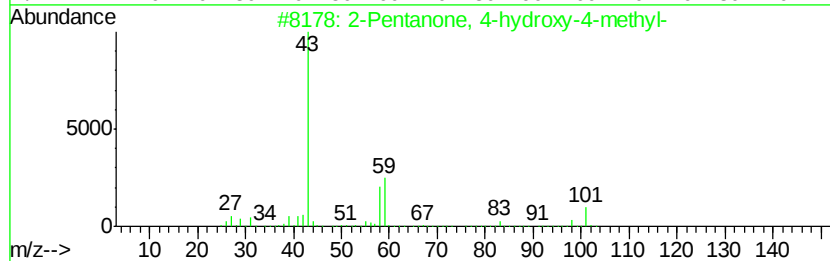
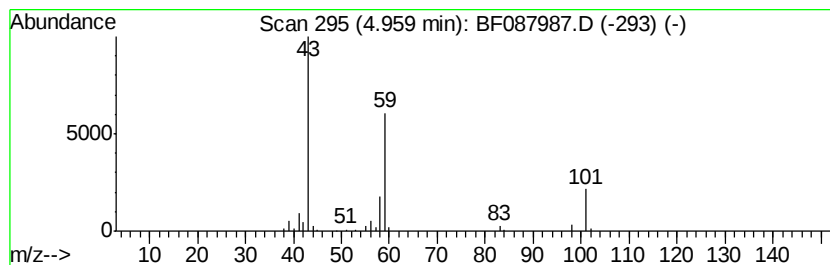
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.25 ng	185610	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4		Acetone	58	C3H6O	000067-64-1	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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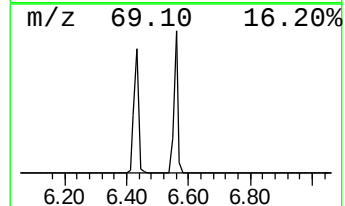
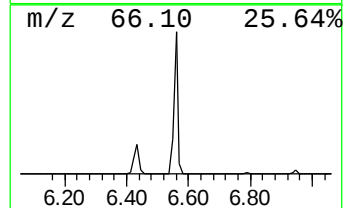
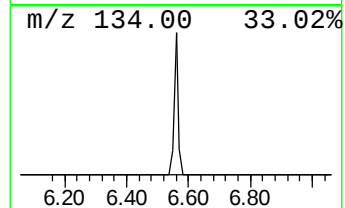
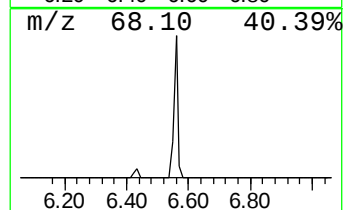
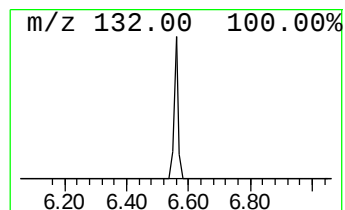
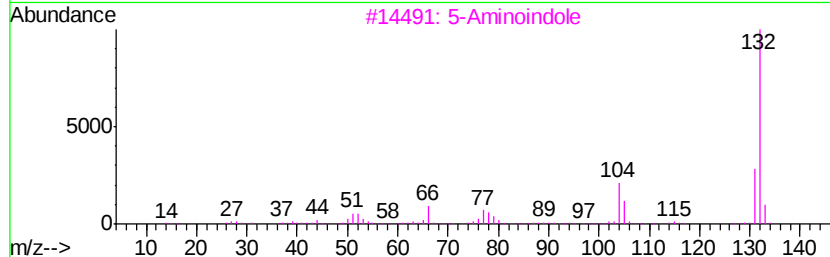
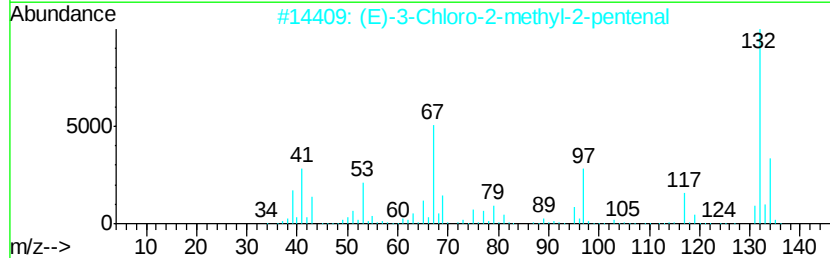
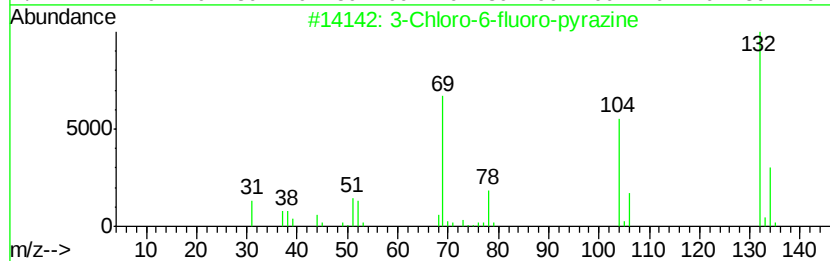
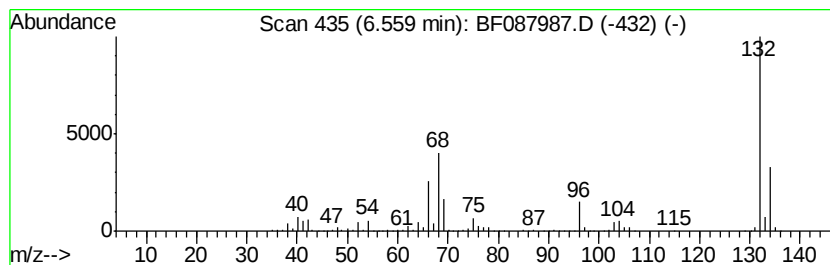
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	66.06 ng	1962660	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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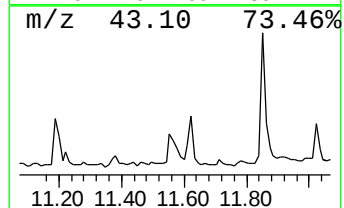
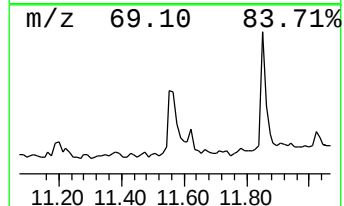
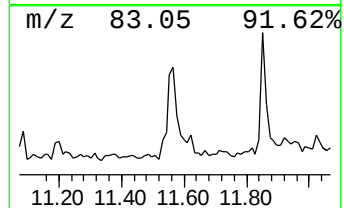
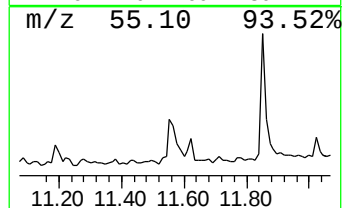
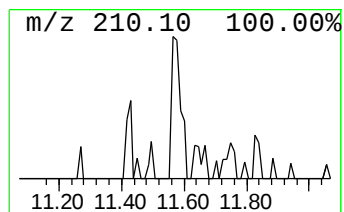
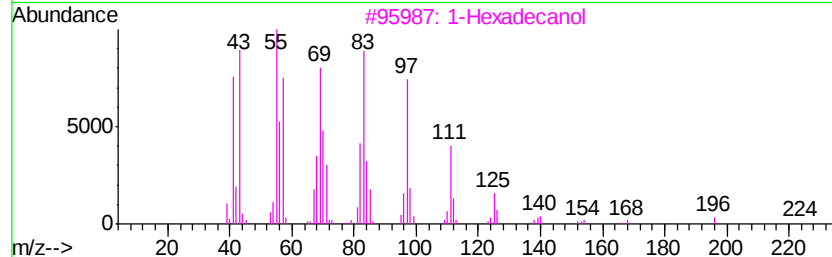
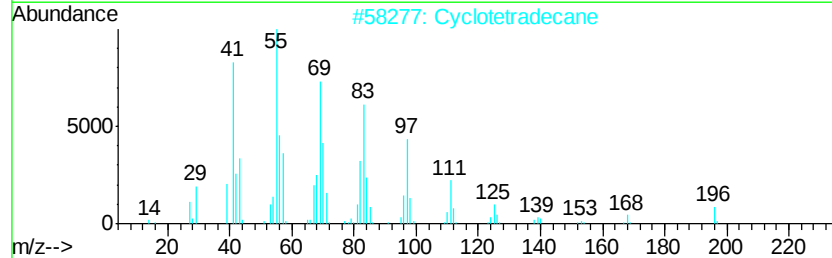
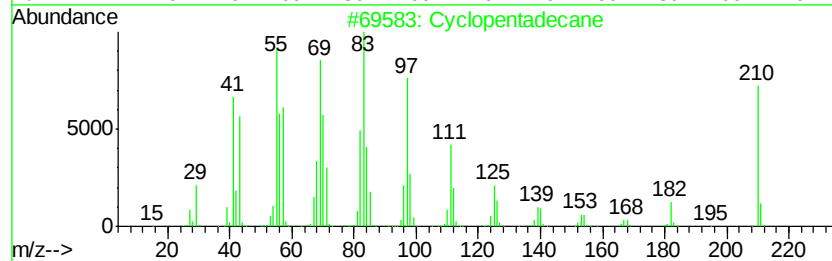
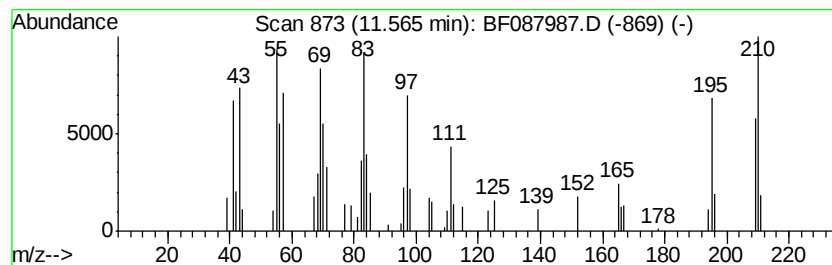
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 Cyclopentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.57	2.53 ng	120927	Phenanthrene-d10		11.31		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cvclopentadecane	210	C15H30	000295-48-7	97
2			Cyclotetradecane	196	C14H28	000295-17-0	95
3			1-Hexadecanol	242	C16H34O	036653-82-4	90
4			2-Tetradecene, (E)-	196	C14H28	035953-54-9	90
5			n-Heptadecanol-1	256	C17H36O	001454-85-9	90



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STA-980-PLATFORM(0-4)

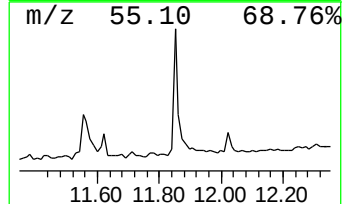
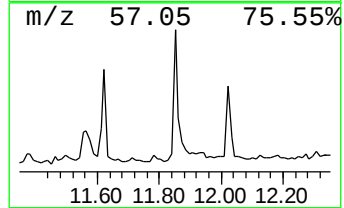
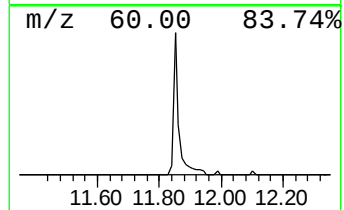
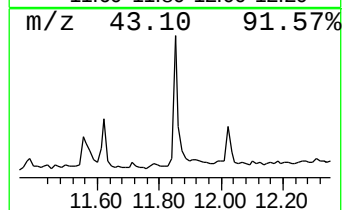
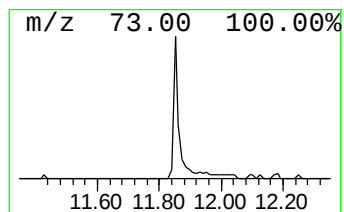
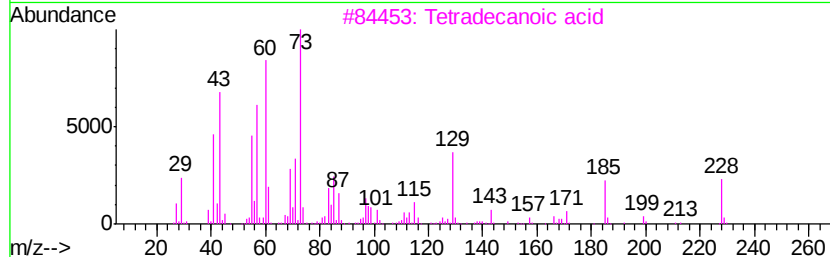
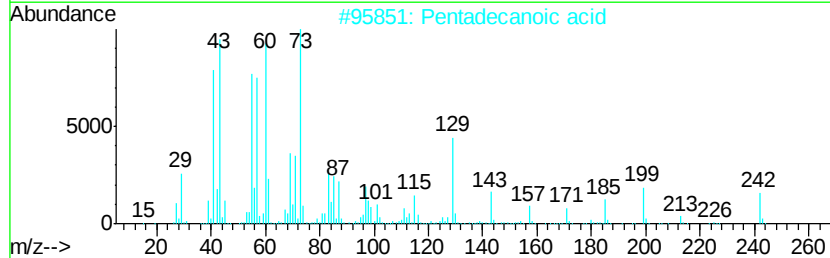
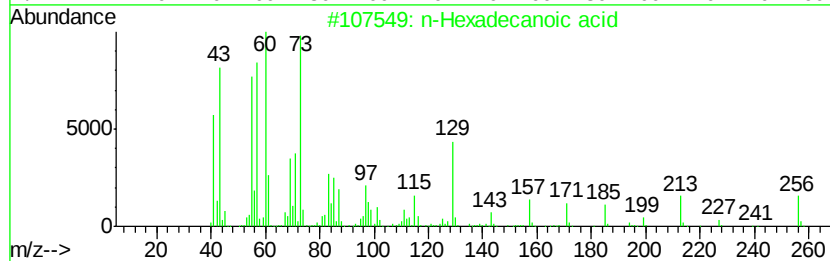
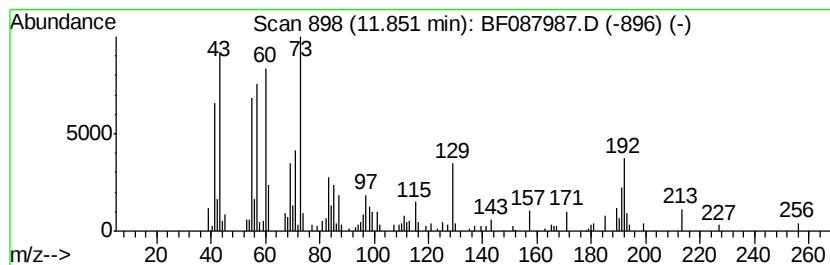
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.01 ng	192187	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Octane, 2-methyl-	128	C9H20	003221-61-2	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087987.D
Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
Sample : H3395-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

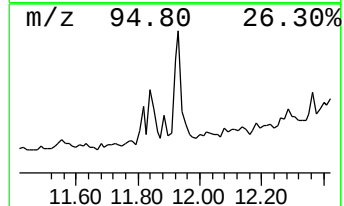
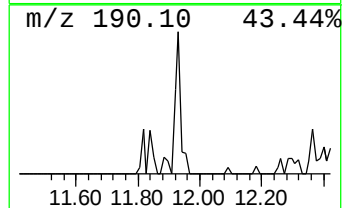
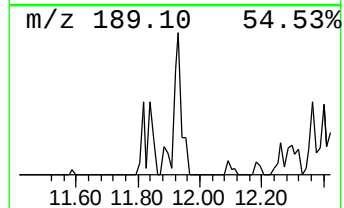
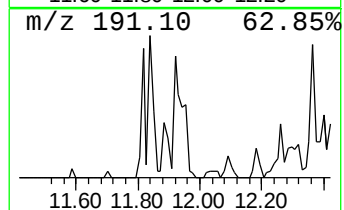
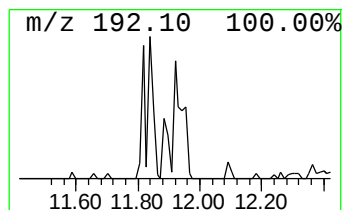
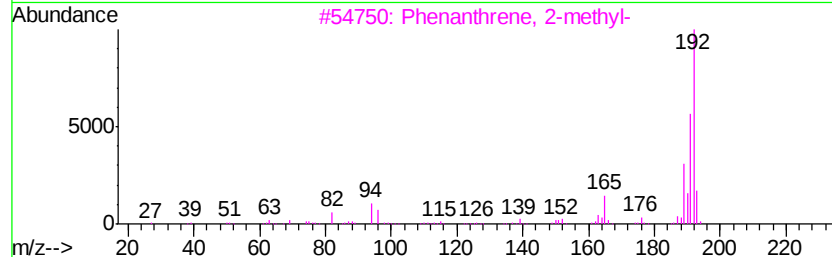
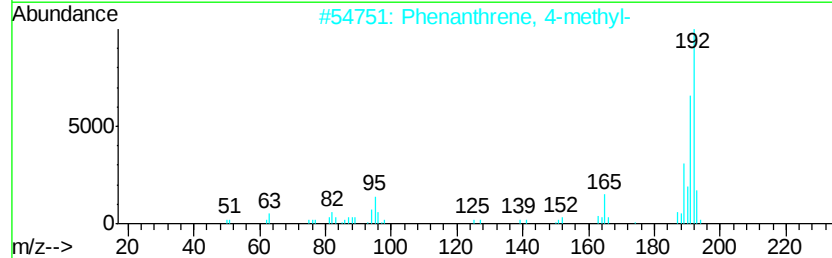
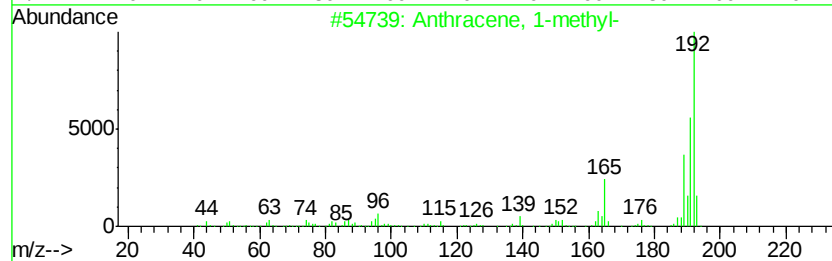
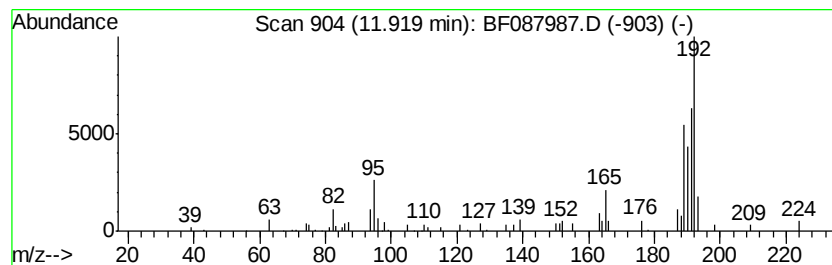
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STA-980-PLATFORM(0-4)

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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 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	2.20 ng	105237	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
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Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
Sample : H3395-25
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-980-PLATFORM(0-4)

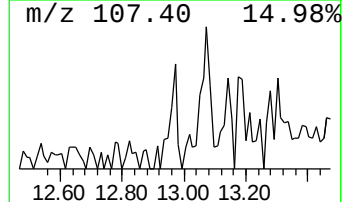
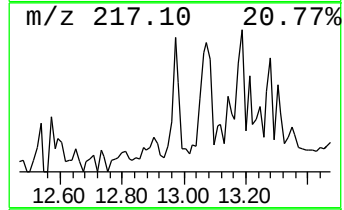
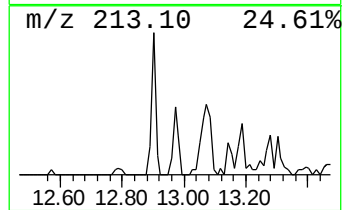
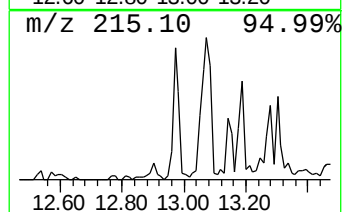
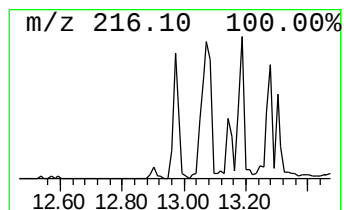
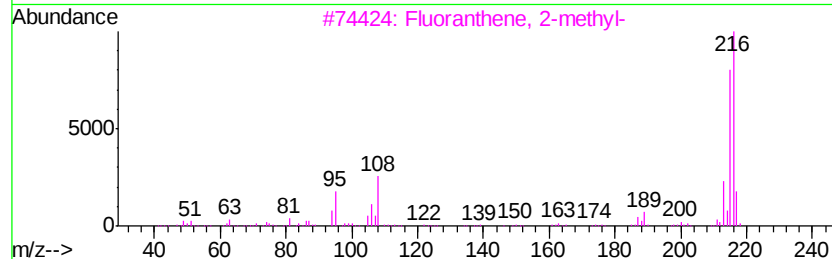
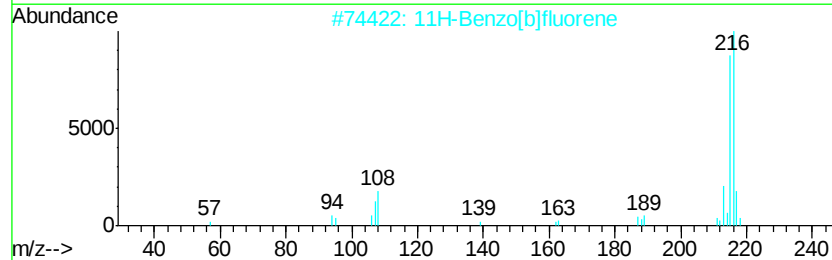
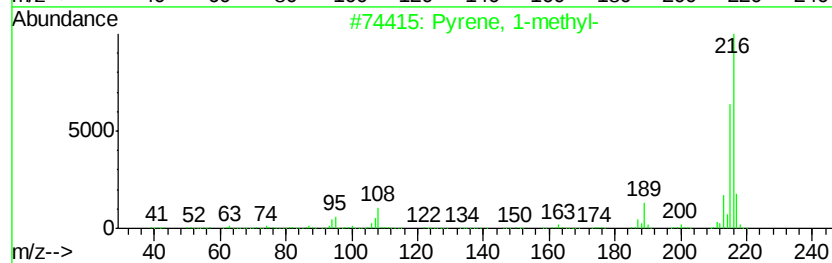
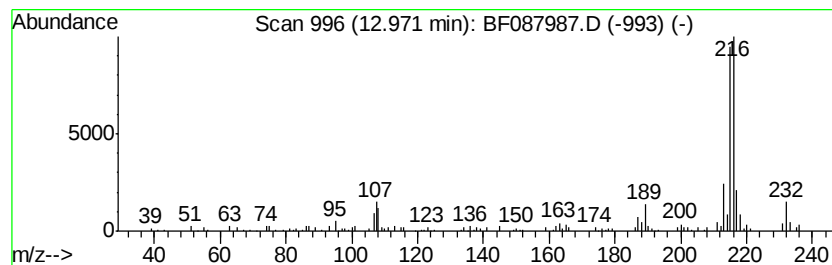
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.06 ng	156821	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
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Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
Sample : H3395-25
Misc :
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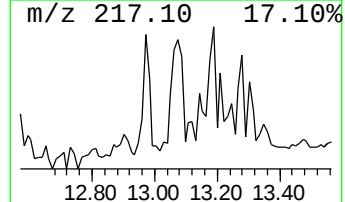
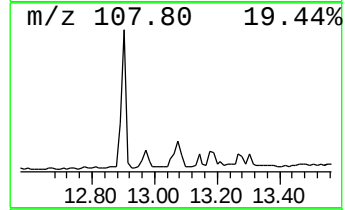
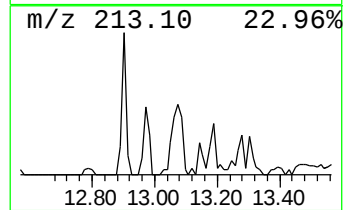
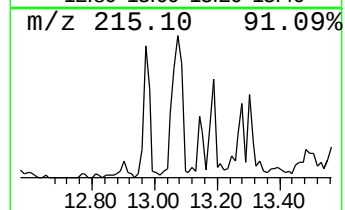
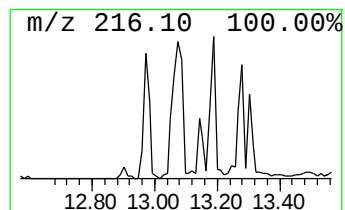
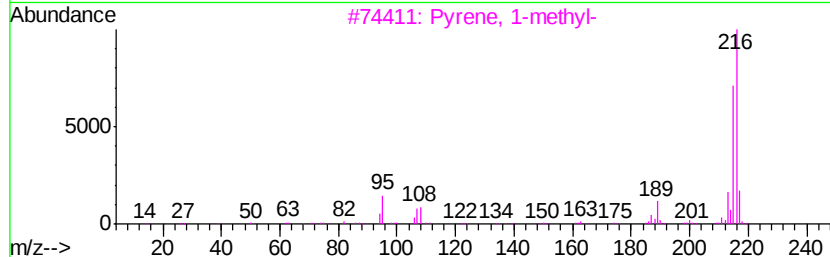
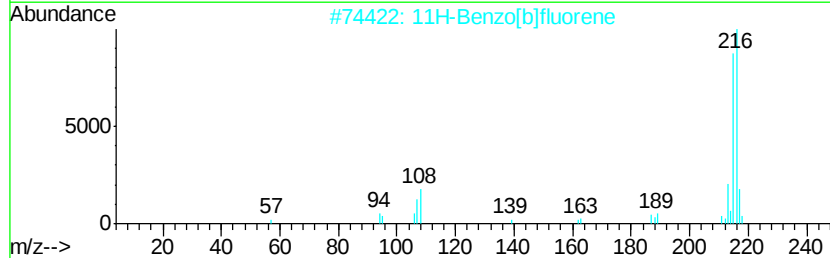
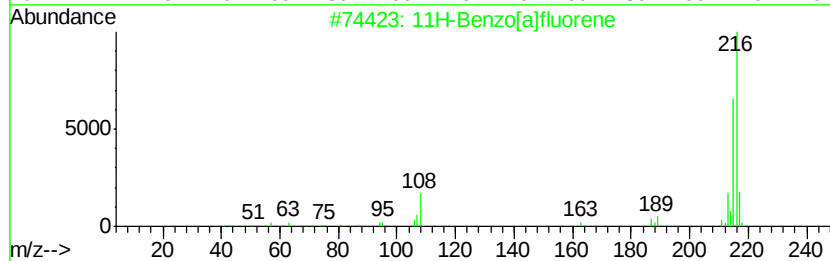
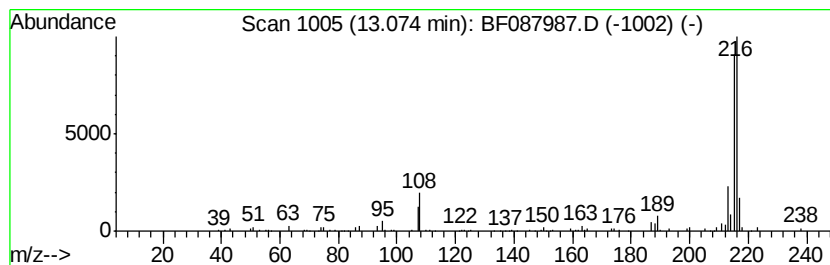
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.21 ng	168514	Chrysene-d12	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 94
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 93
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
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Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
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ClientSampleId :
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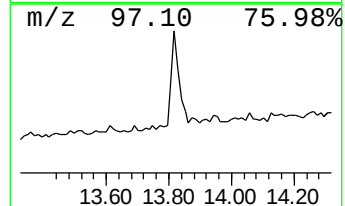
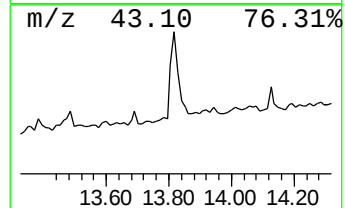
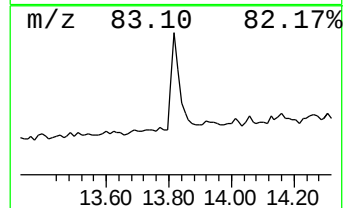
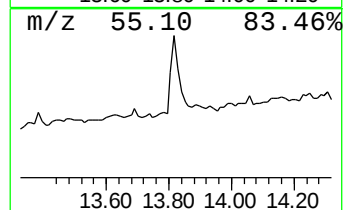
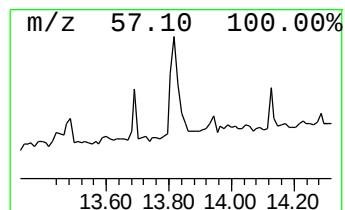
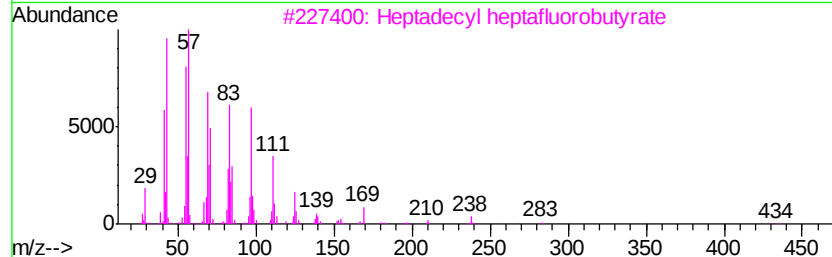
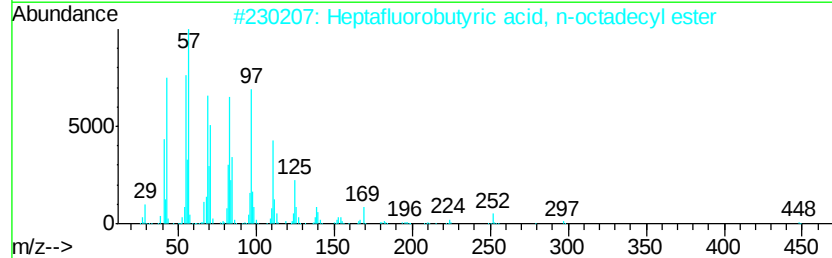
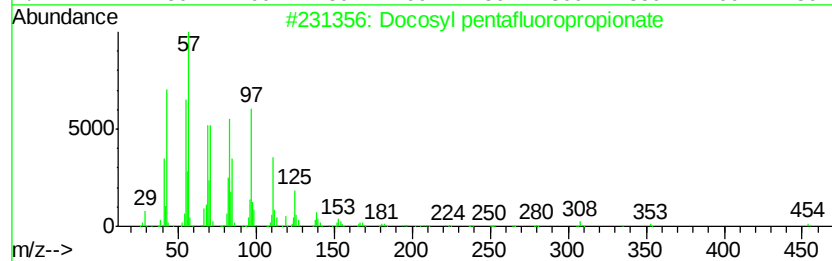
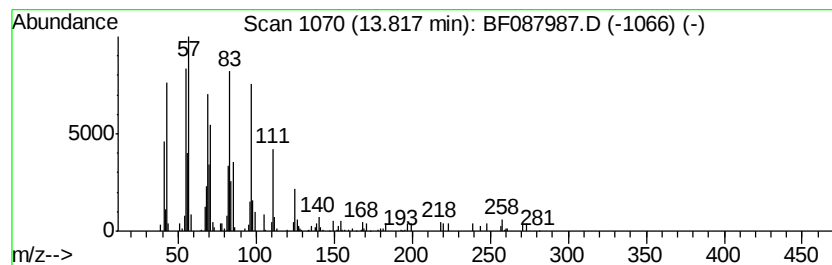
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Docosyl pentafluoropropionate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.44 ng	185755	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
2		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087987.D
Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
STA-980-PLATFORM(0-4)

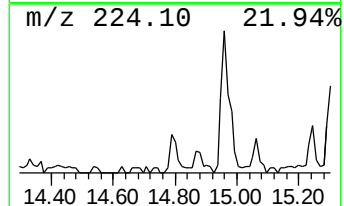
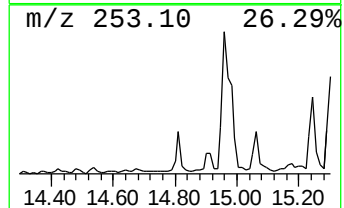
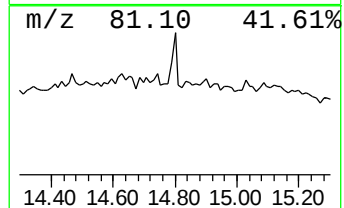
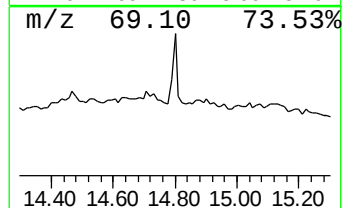
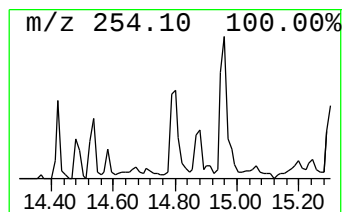
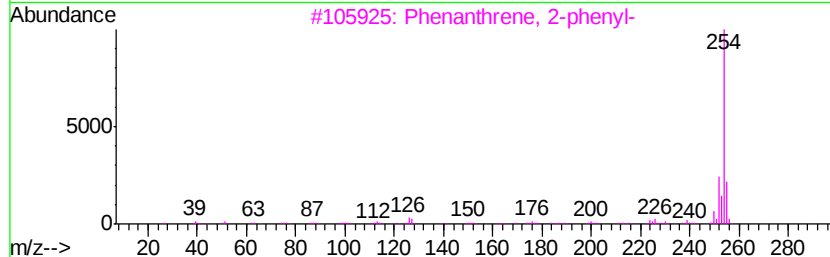
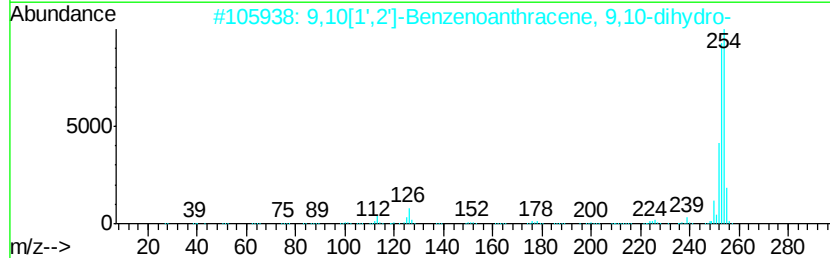
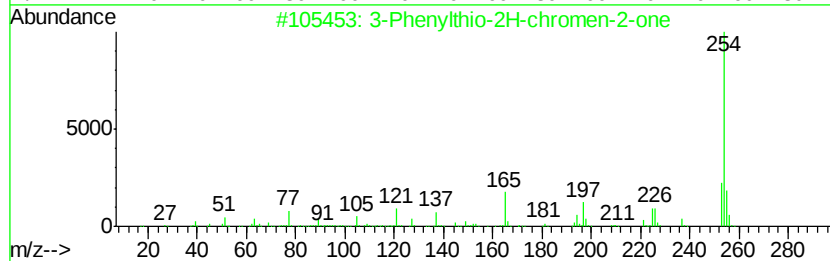
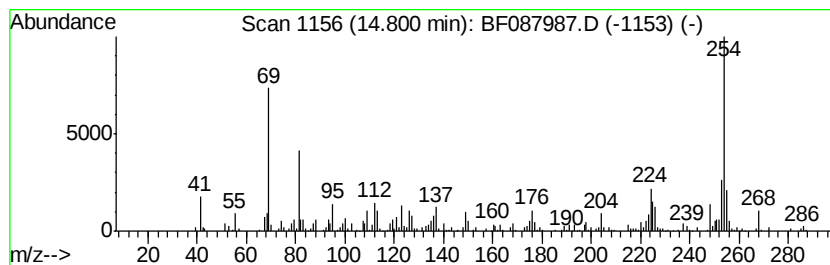
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3-Phenylthio-2H-chromen-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.31 ng	133008	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	62
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	47
3		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	43
4		2,2'-Binaphthalene	254	C20H14	000612-78-2	43
5		1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
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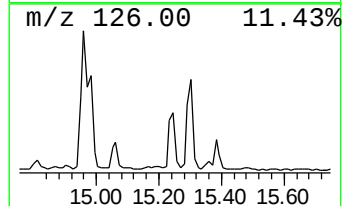
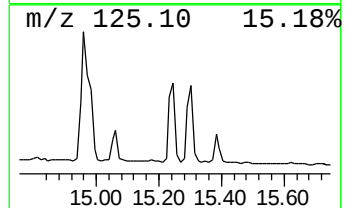
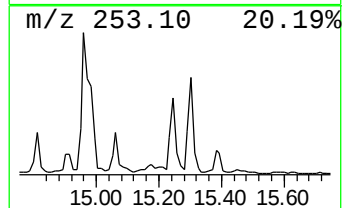
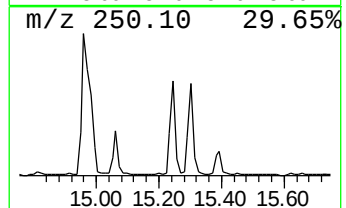
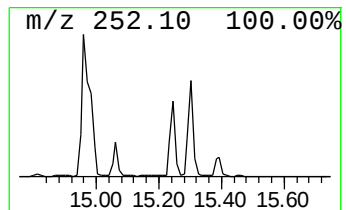
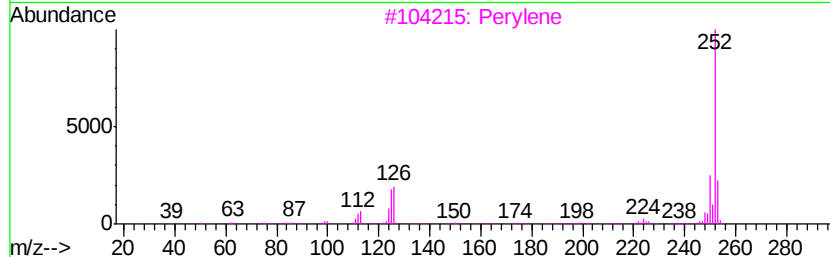
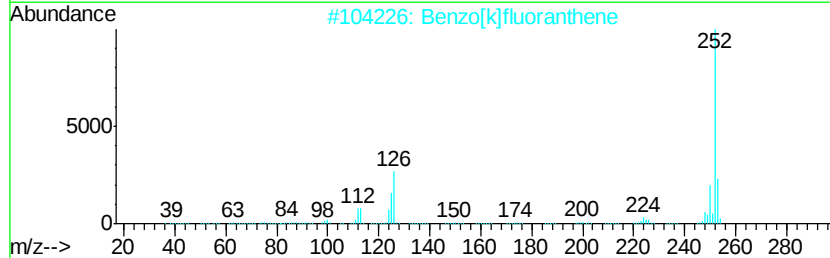
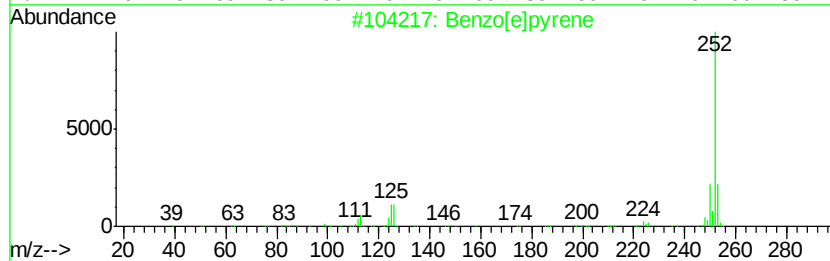
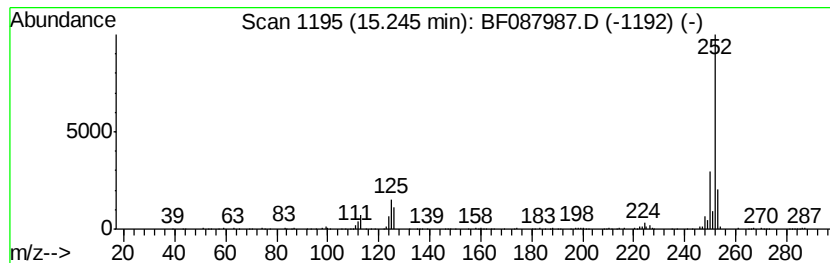
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	5.98 ng	240086	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Perylene	252	C20H12	000198-55-0	90
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087987.D
Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
Sample : H3395-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
unknown2.01	2.01	11.7	ng	348432	1	6.79	594189	20.0
2-Pentanone, 4-hy...	4.96	6.3	ng	185610	1	6.79	594189	20.0
3-Chloro-6-fluoro...	6.56	66.1	ng	1962660	1	6.79	594189	20.0
Cyclopentadecane	11.57	2.5	ng	120927	4	11.31	957421	20.0
n-Hexadecanoic acid	11.85	4.0	ng	192187	4	11.31	957421	20.0
Anthracene, 1-met...	11.92	2.2	ng	105237	4	11.31	957421	20.0
Pyrene, 1-methyl-	12.97	2.1	ng	156821	5	13.95	1523540	20.0
11H-Benzo[a]fluorene	13.07	2.2	ng	168514	5	13.95	1523540	20.0
Docosyl pentafluo...	13.82	2.4	ng	185755	5	13.95	1523540	20.0
3-Phenylthio-2H-c...	14.80	3.3	ng	133008	6	15.36	803141	20.0
Benzo[e]pyrene	15.25	6.0	ng	240086	6	15.36	803141	20.0