

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006050.D
 Acq On : 26 Jun 2016 21:35
 Operator : UM/SJ
 Sample : H3670-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y98

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:06:04 PM

Quant Time: Jun 27 06:03:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 05:15:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	353979	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1677634	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	988188	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2193269	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1948355	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1618601	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	10499	1.32	ng/uL	0.00
3) Phenol-d5	6.83	99	515051	13.83	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	327723	15.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	410379	15.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	292026	9.29	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	218283	17.09	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	246371	17.34	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	444981	16.32	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	247789	8.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1427010	16.87	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1808133	18.43	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	168406	9.33	ng/ul	0.00
21) Fluorene-d10	15.30	176	1248729	17.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	156544	12.86	ng/ul	0.00
26) Anthracene-d10	17.15	188	1880417	18.67	ng/ul	0.00
30) Pyrene-d10	19.45	212	2005139	23.49	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1395715	19.10	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	10.49	128	171608	2.05	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	202655	3.00	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	176565	2.73	ng/ul	97
25) Phenanthrene	17.10	178	648905	5.50	ng/ul	100
28) Fluoranthene	19.12	202	863416	5.71	ng/ul	99
31) Pyrene	19.48	202	741440	6.65	ng/ul	98
32) Benzo(a)anthracene	21.23	228	431737	3.73	ng/ul	95
33) Chrysene	21.28	228	525274	4.97	ng/ul#	95
35) Benzo(b)fluoranthene	22.80	252	562285	5.98	ng/ul#	95
36) Benzo(k)fluoranthene	22.84	252	141004m	1.61	ng/ul	
38) Benzo(a)pyrene	23.37	252	329834	3.66	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.67	276	233199	2.17	ng/ul	98
41) Benzo(g,h,i)perylene	26.36	276	232252	2.50	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

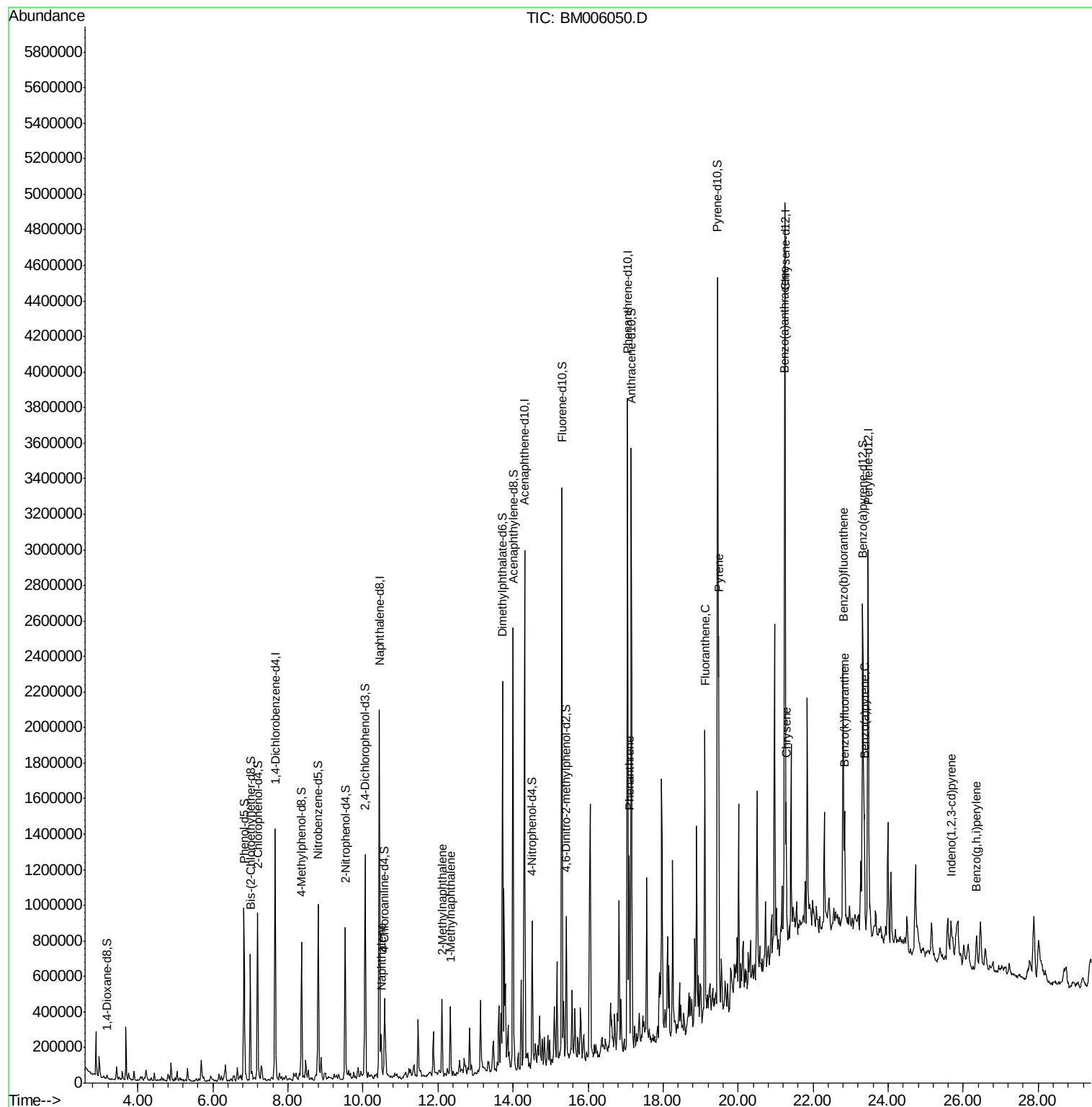
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006050.D
Acq On : 26 Jun 2016 21:35
Operator : UM/SJ
Sample : H3670-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

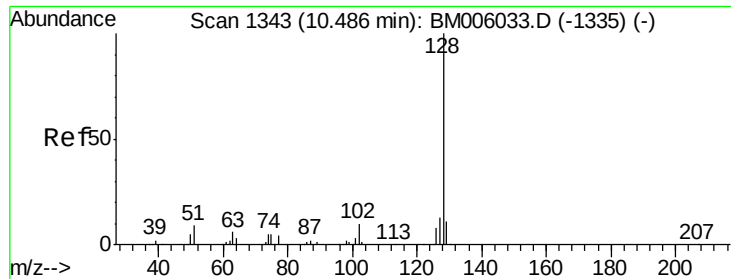
Instrument :
BNA_M
ClientSampleId :
D9Y98

Manual Integrations
APPROVED

sohil
6/27/2016 8:06:04 PM

Quant Time: Jun 27 06:03:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration





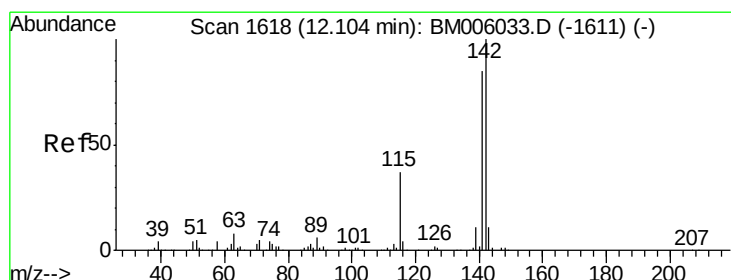
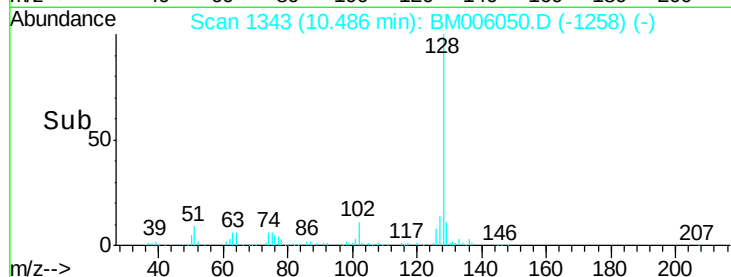
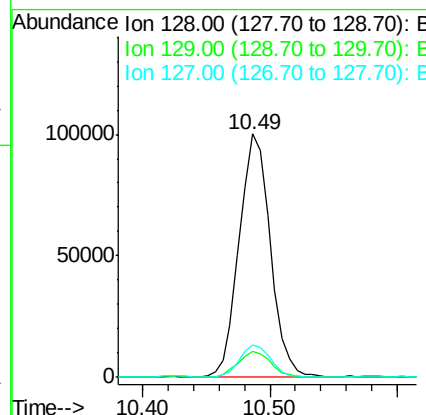
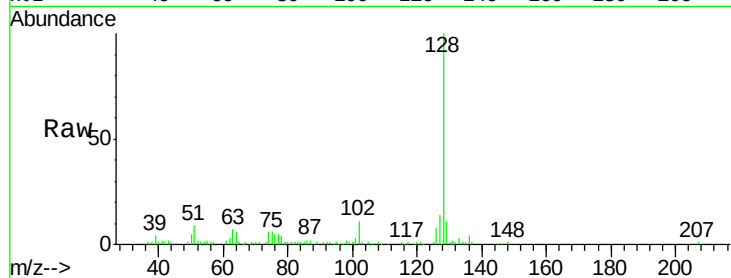
#11
Naphthalene
Concen: 2.05 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Instrument :
BNA_M
ClientSampleId :
D9Y98

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	171608		
129	10.9	8.6	13.0	
127	13.6	10.2	15.4	

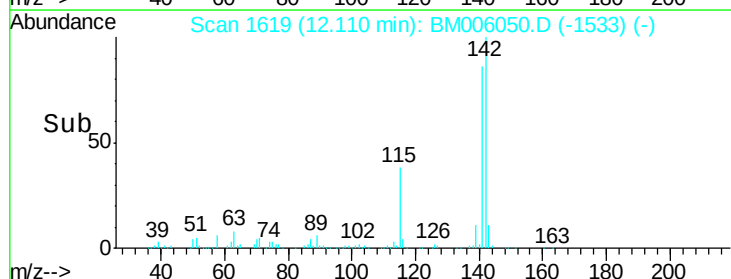
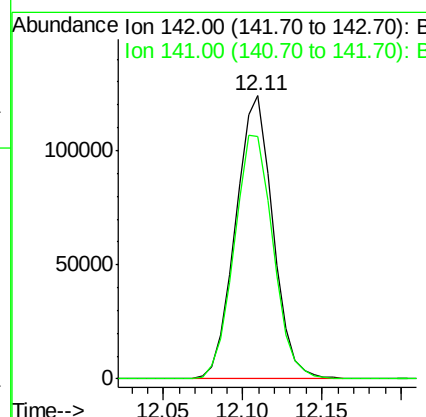
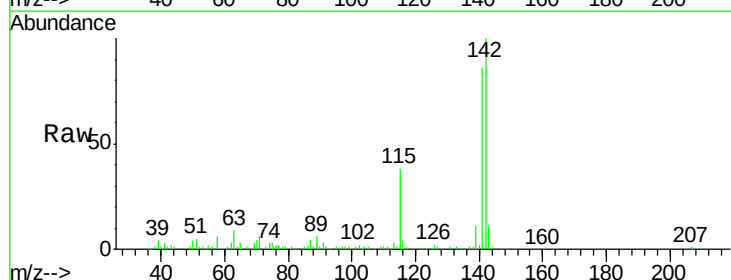
Manual Integrations
APPROVED

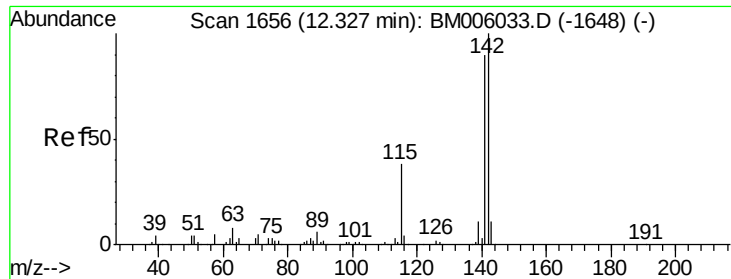
sohil
6/27/2016 8:06:04 PM



#13
2-Methylnaphthalene
Concen: 3.00 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	202655		
141	85.6	69.4	104.2	





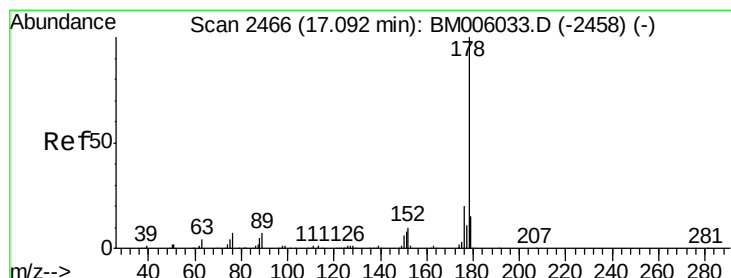
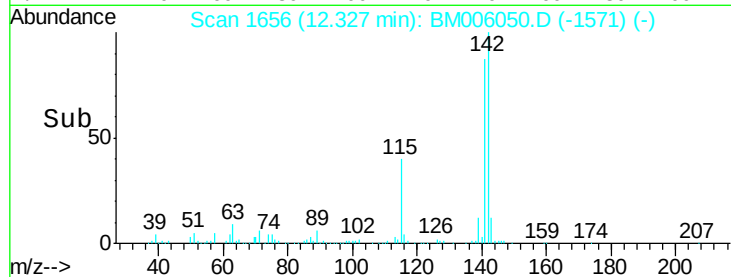
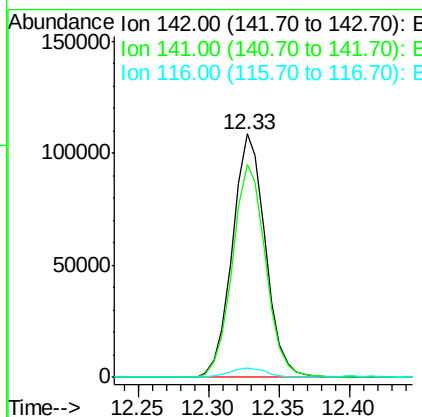
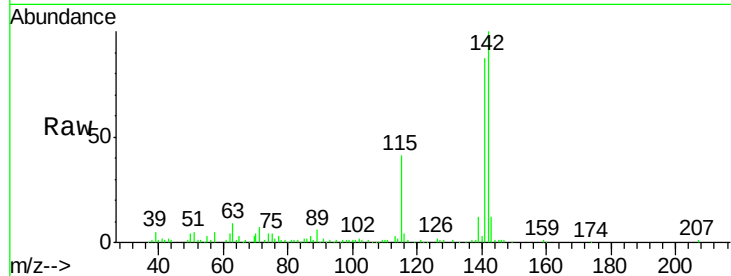
#14
1-Methylnaphthalene
Concen: 2.73 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Instrument :
BNA_M
ClientSampled :
D9Y98

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	176565		
141	87.2	72.3	108.5	
116	3.7	3.4	5.0	

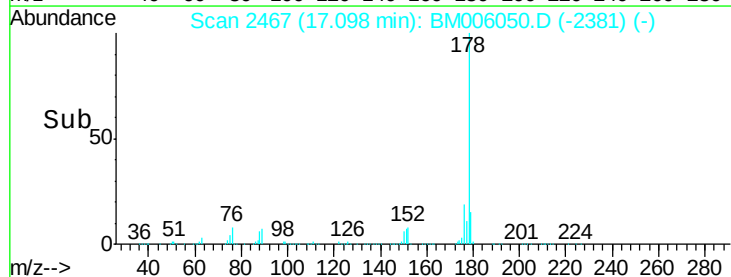
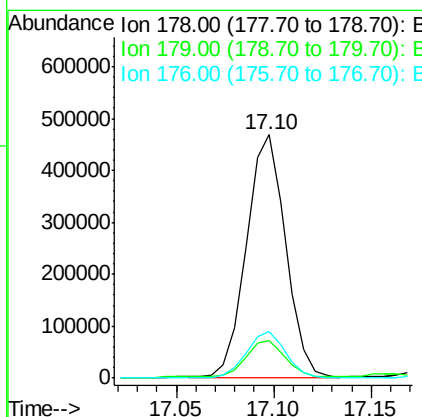
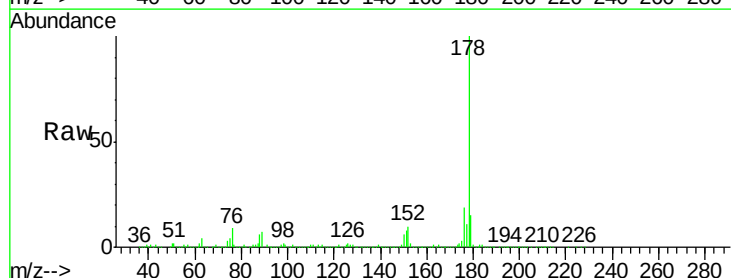
Manual Integrations
APPROVED

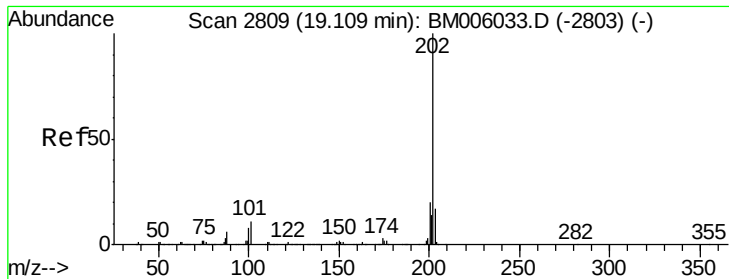
sohil
6/27/2016 8:06:04 PM



#25
Phenanthrene
Concen: 5.50 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	648905		
179	15.2	12.1	18.1	
176	19.0	15.4	23.0	





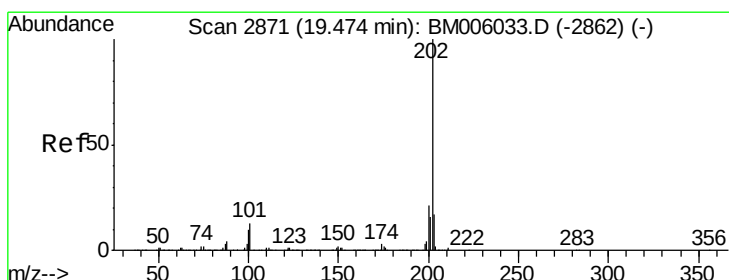
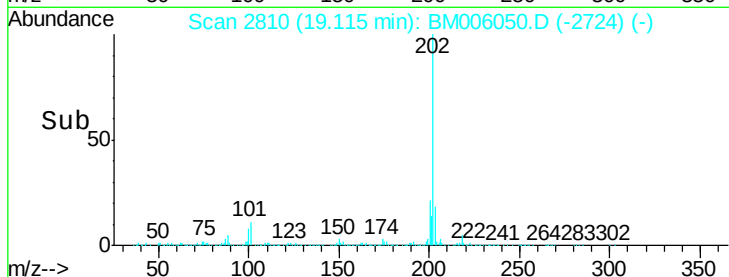
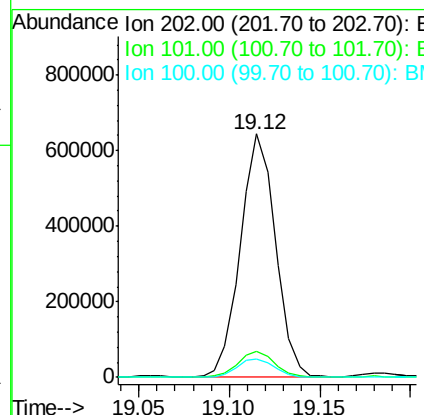
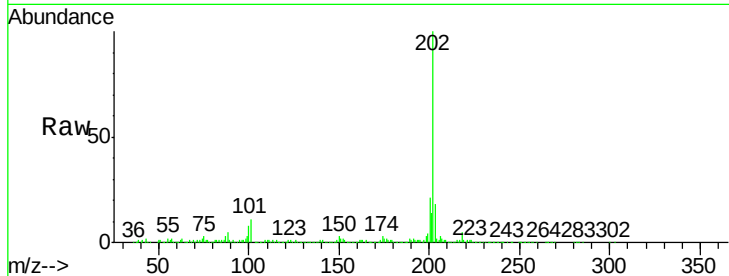
#28
Fluoranthene
Concen: 5.71 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Instrument :
BNA_M
ClientSampleId :
D9Y98

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		863416		
101	10.6	8.2	12.4		
100	7.7	6.3	9.5		

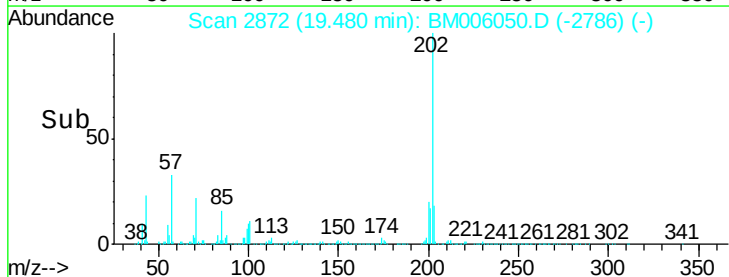
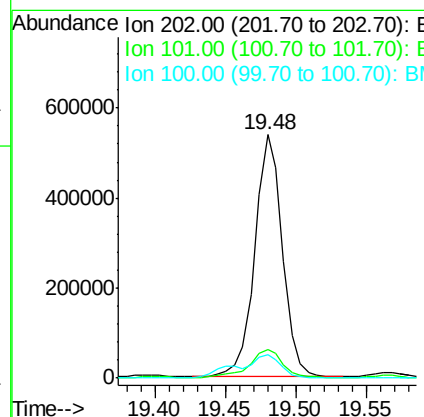
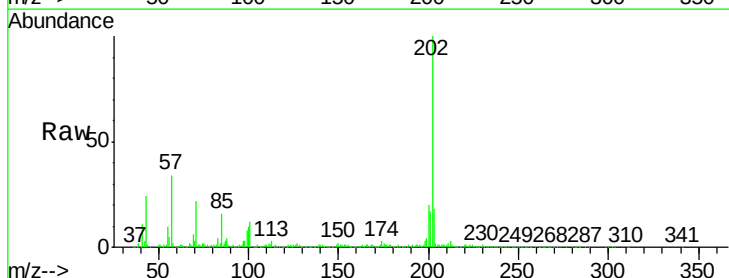
Manual Integrations
APPROVED

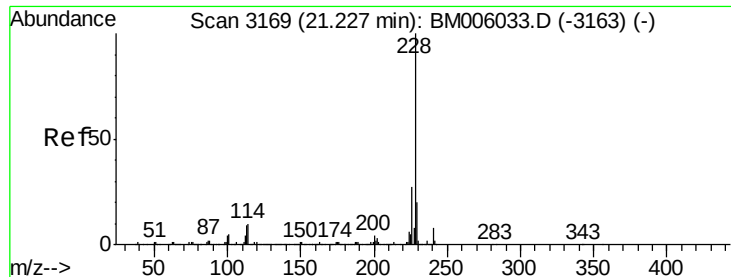
sohil
6/27/2016 8:06:04 PM



#31
Pyrene
Concen: 6.65 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		741440		
101	11.6	9.8	14.6		
100	9.6	8.2	12.2		





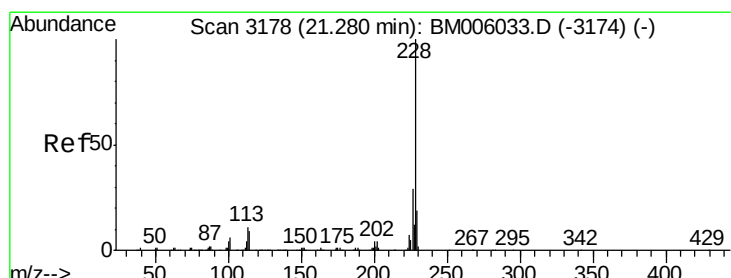
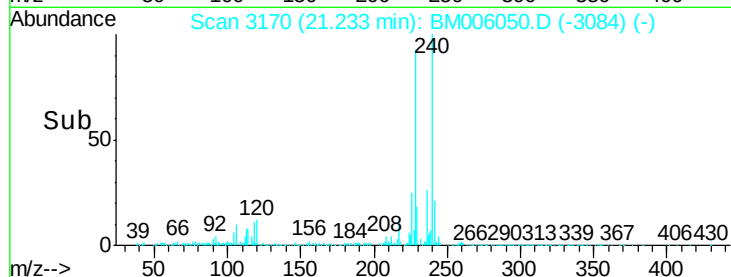
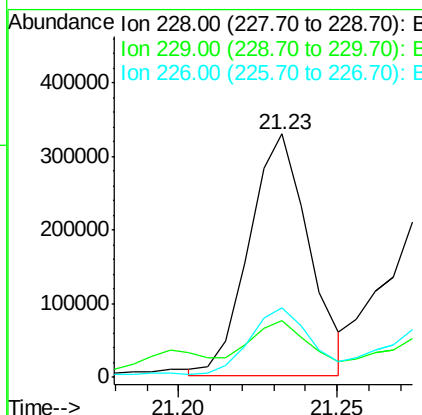
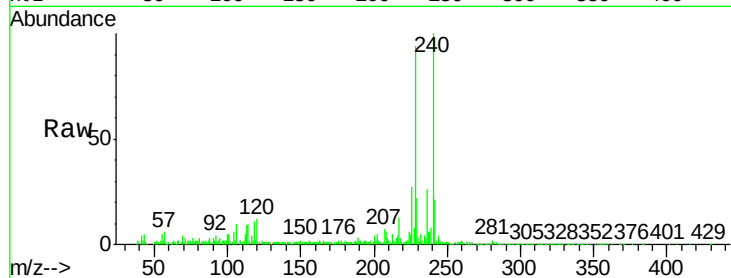
#32
Benzo(a)anthracene
Concen: 3.73 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Instrument :
BNA_M
ClientSampleId :
D9Y98

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.8	23.6
226	28.5	21.5	32.3

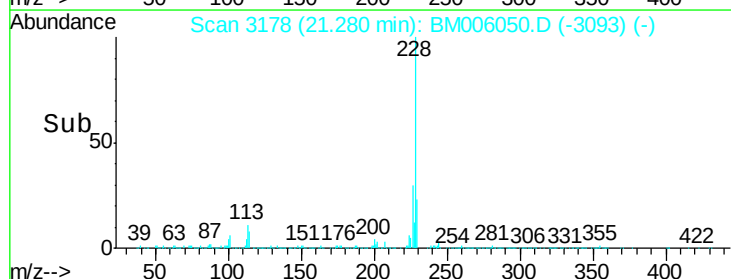
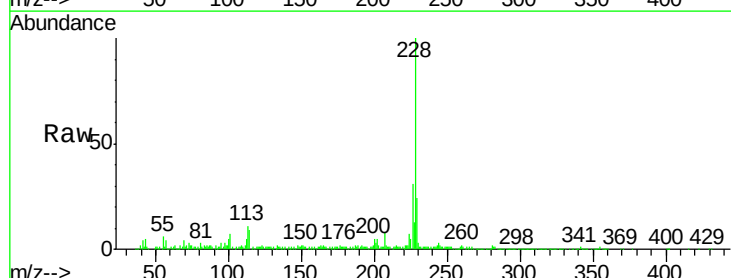
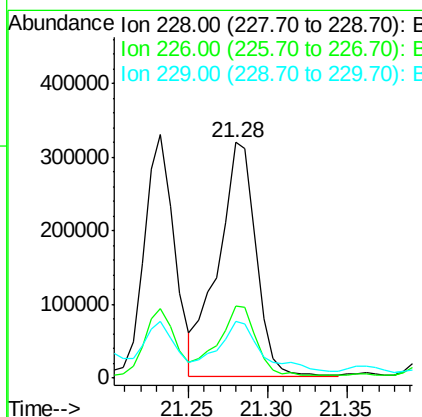
Manual Integrations
APPROVED

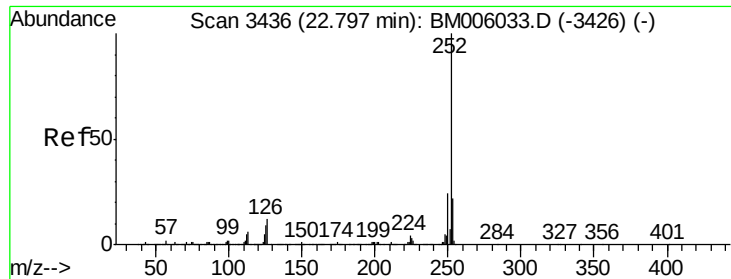
sohil
6/27/2016 8:06:04 PM



#33
Chrysene
Concen: 4.97 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	24.3	15.4	23.2





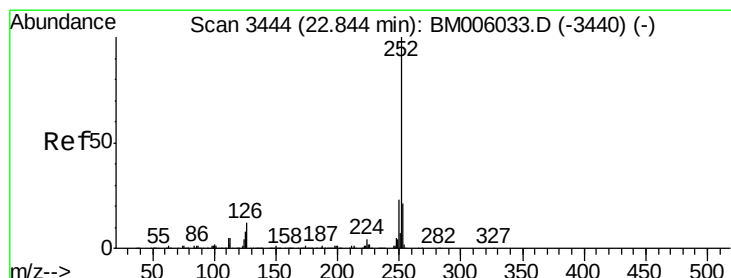
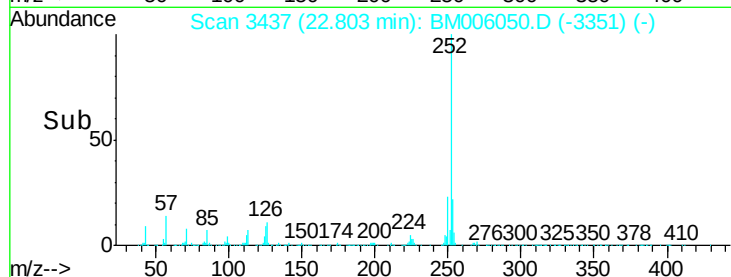
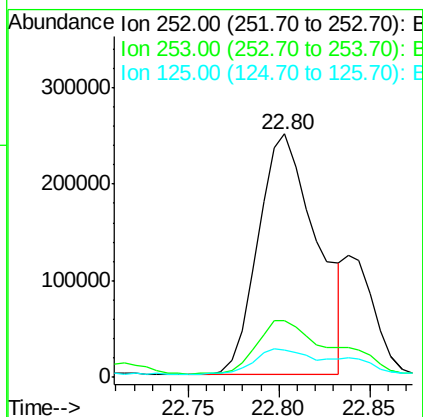
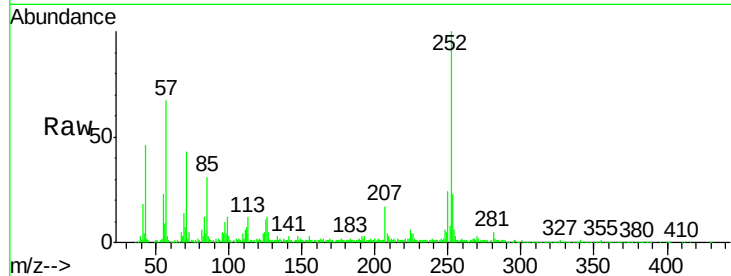
#35
Benzo(b)fluoranthene
Concen: 5.98 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Instrument :
BNA_M
ClientSampleId :
D9Y98

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.3	6.8	10.2

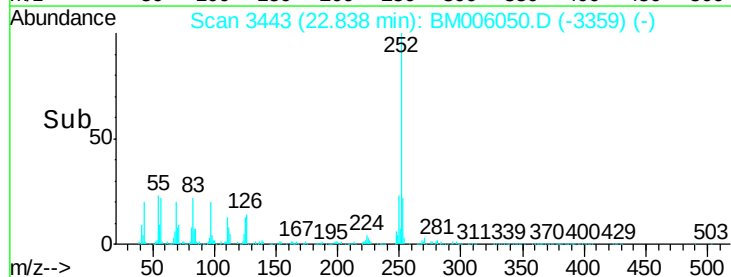
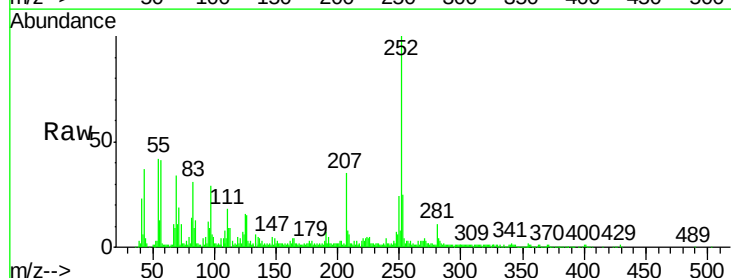
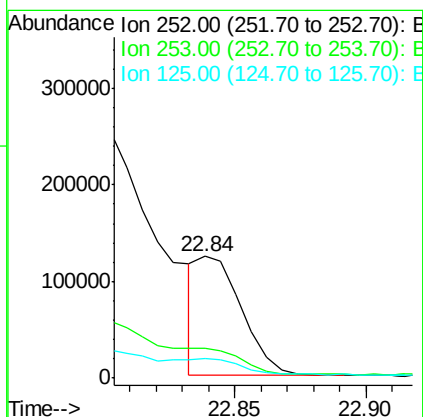
Manual Integrations
APPROVED

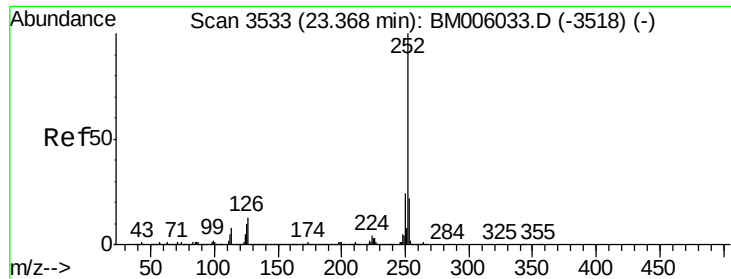
sohil
6/27/2016 8:06:04 PM



#36
Benzo(k)fluoranthene
Concen: 1.61 ng/ul m
RT: 22.84 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	15.9	7.0	10.4





#38

Benzo(a)pyrene

Concen: 3.66 ng/ul

RT: 23.37 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BM006050.D

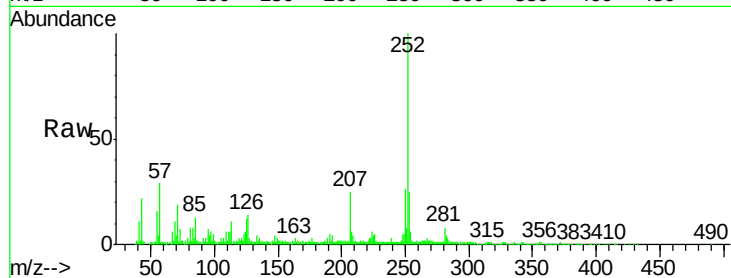
Acq: 26 Jun 2016 21:35

Instrument :

BNA_M

ClientSampleId :

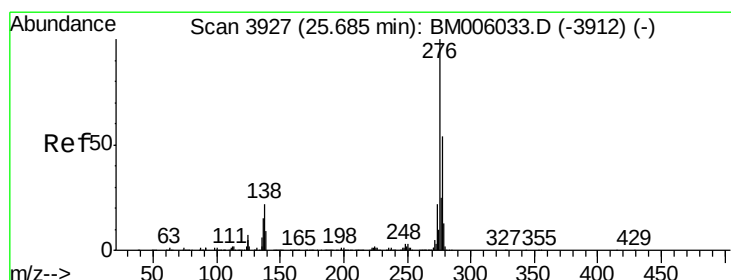
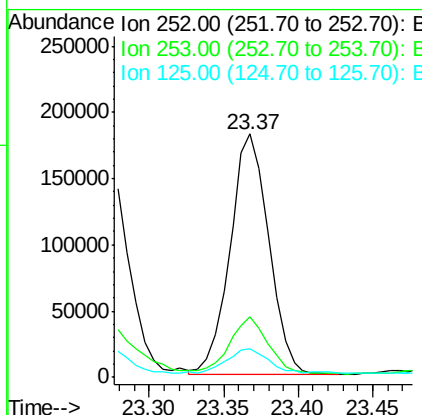
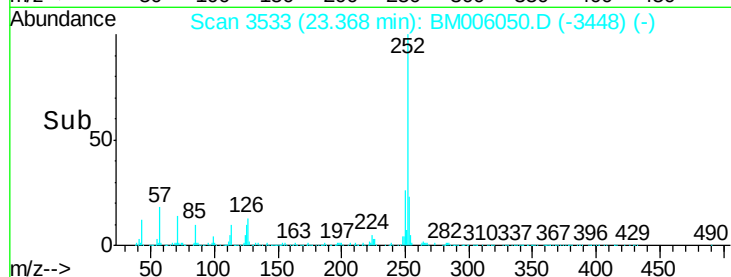
D9Y98



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	329834		
253	24.7	17.6	26.4	
125	11.5	7.8	11.6	

Manual Integrations
APPROVED

sohil
6/27/2016 8:06:04 PM



#39

Indeno(1,2,3-cd)pyrene

Concen: 2.17 ng/ul

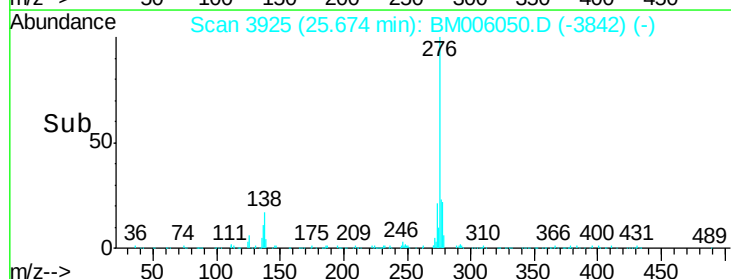
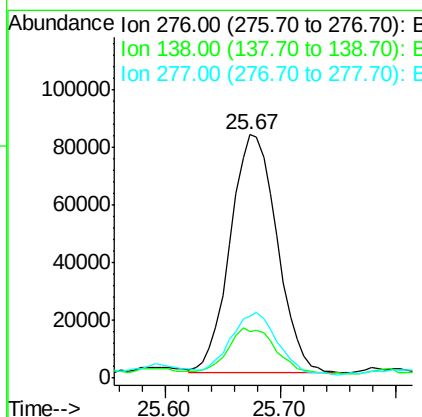
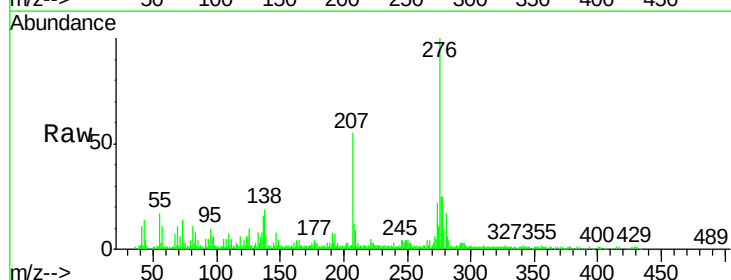
RT: 25.67 min Scan# 3925

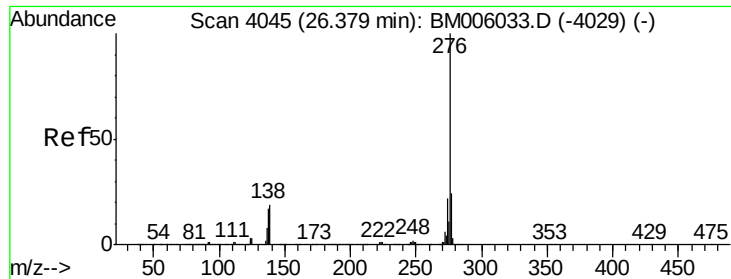
Delta R.T. -0.01 min

Lab File: BM006050.D

Acq: 26 Jun 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	233199		
138	19.2	16.6	25.0	
277	25.2	19.6	29.4	





#41
Benzo(g,h,i)perylene
Concen: 2.50 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. -0.02 min
Lab File: BM006050.D
Acq: 26 Jun 2016 21:35

Instrument :
BNA_M
ClientSampleId :
D9Y98

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	19.9	15.9	23.9	
277	23.3	19.2	28.8	

Manual Integrations
APPROVED

sohil
6/27/2016 8:06:04 PM

