

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008139.D
 Acq On : 01 Dec 2016 16:06
 Operator : UM/SJ
 Sample : H5730-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG8

Manual Integrations
 APPROVED

sohil
 12/2/2016 4:19:01 PM

Quant Time: Dec 02 03:21:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 03:12:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	177763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	694044	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	408901	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	750469	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	943075	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	971561	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	14644	4.07	ng/uL	0.00
5) Phenol-d5	6.87	99	255563	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	165462	21.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	207343	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	187092	18.16	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	101310	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	110193	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	185936	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	131876	13.12	ng/ul	0.01
43) Dimethylphthalate-d6	13.75	166	577668	21.92	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	691844	21.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	54494m	13.38	ng/ul	0.02
57) Fluorene-d10	15.33	176	495927	21.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	61679	13.84	ng/ul	0.00
70) Anthracene-d10	17.19	188	705124	21.84	ng/ul	0.00
76) Pyrene-d10	19.49	212	851295	22.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	918189	22.69	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	58341	4.29	ng/ul	92
44) Dimethylphthalate	13.80	163	86118	3.33	ng/ul	99
47) Acenaphthylene	14.06	152	121738	3.73	ng/ul	99
69) Phenanthrene	17.13	178	146795	3.91	ng/ul	99
71) Anthracene	17.22	178	57090	1.49	ng/ul	97
74) Fluoranthene	19.15	202	523076	12.00	ng/ul	99
77) Pyrene	19.52	202	722616	14.89	ng/ul	99
80) Benzo(a)anthracene	21.26	228	452131m	9.29	ng/ul	
82) Chrysene	21.32	228	475804	10.35	ng/ul#	94
85) Benzo(b)fluoranthene	22.85	252	526375	10.12	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	146157m	2.98	ng/ul	
88) Benzo(a)pyrene	23.42	252	472771	9.46	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	294006	4.82	ng/ul	98
90) Dibenzo(a,h)anthracene	25.76	278	77942	1.52	ng/ul#	80
91) Benzo(g,h,i)perylene	26.46	276	294223	5.80	ng/ul#	94

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

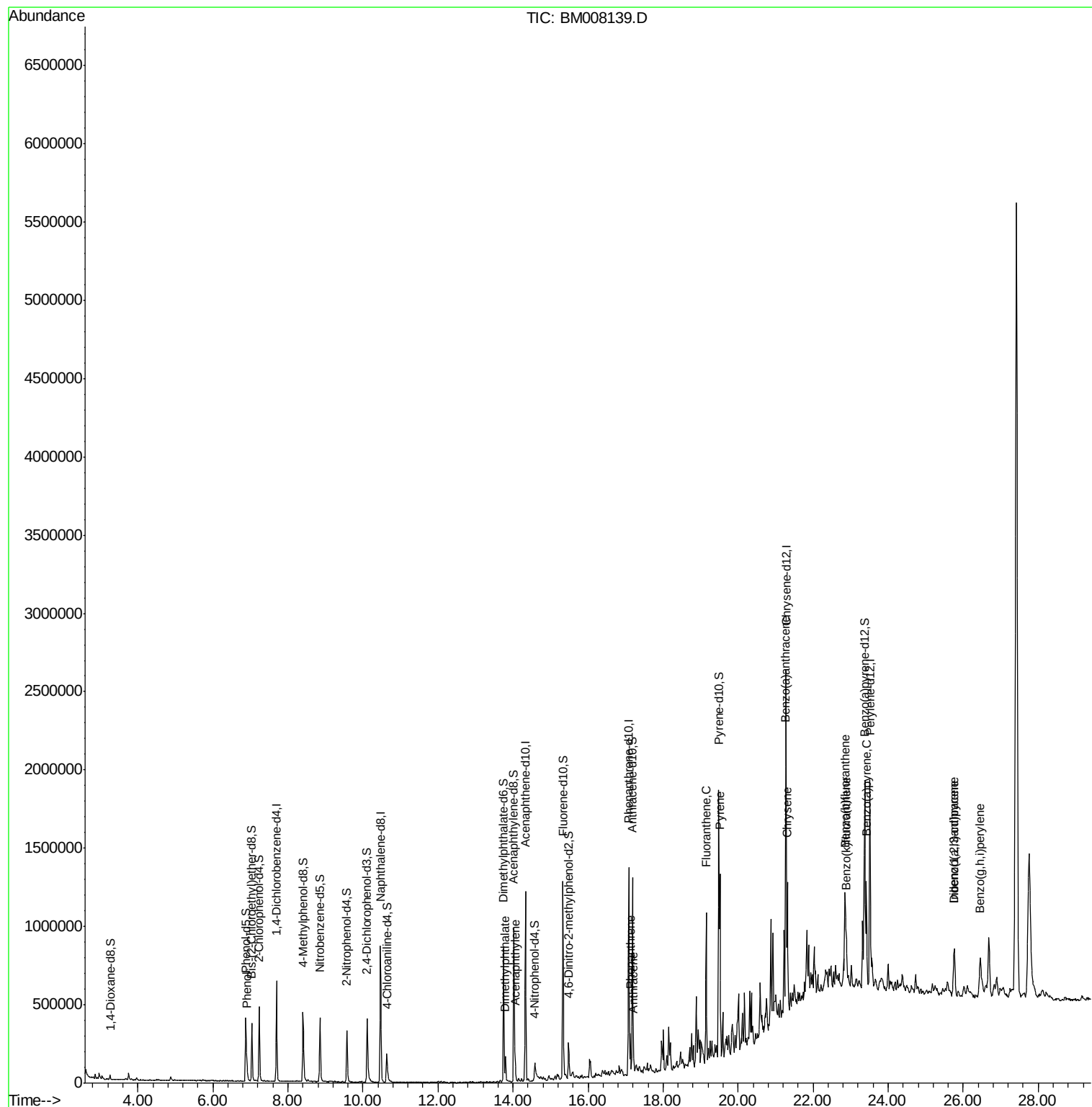
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008139.D
Acq On : 01 Dec 2016 16:06
Operator : UM/SJ
Sample : H5730-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

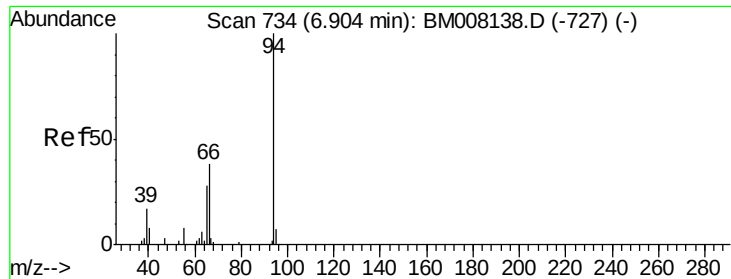
Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:01 PM

Quant Time: Dec 02 03:21:51 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 03:12:28 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.29 ng/ul

RT: 6.90 min Scan# 734

Delta R.T. -0.00 min

Lab File: BM008139.D

Acq: 01 Dec 2016 16:06

Instrument :

BNA_M

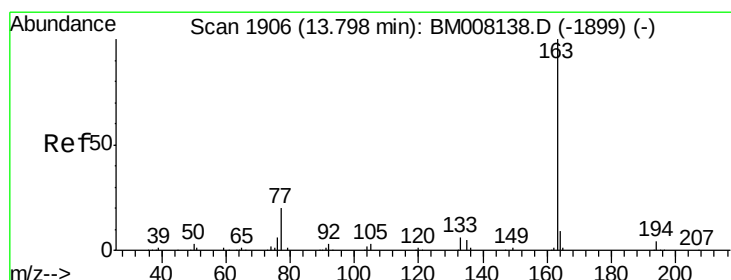
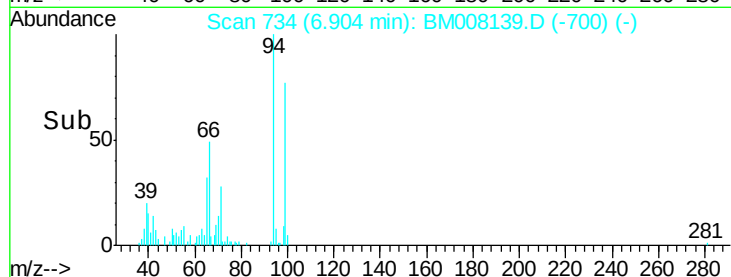
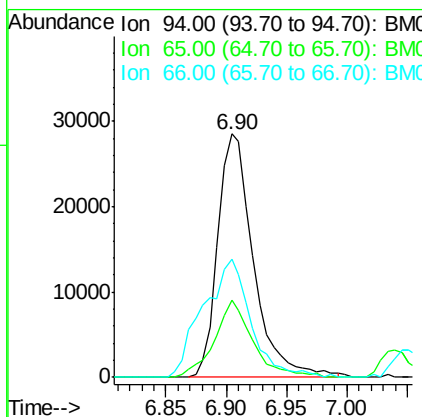
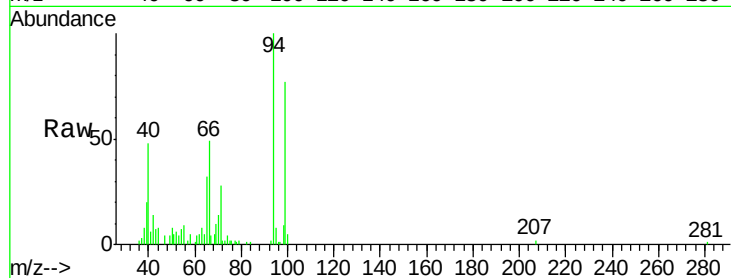
ClientSampleId :

A4WG8

Tot Ion:	94	Resp:	58341
Ion	Ratio	Lower	Upper
94	100		
65	31.8	23.1	34.7
66	48.7	33.7	50.5

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:01 PM



#44

Dimethylphthalate

Concen: 3.33 ng/ul

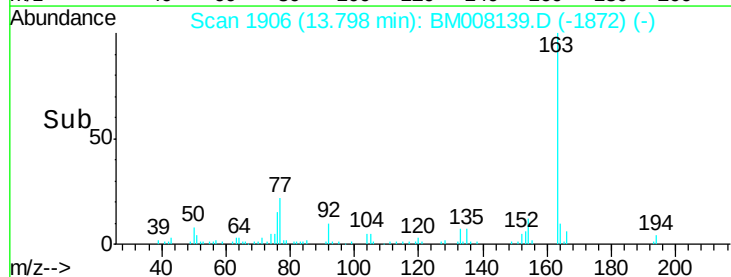
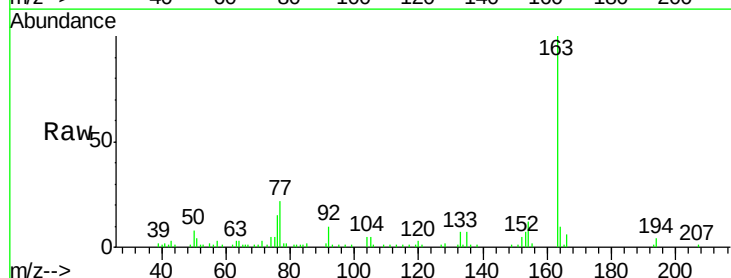
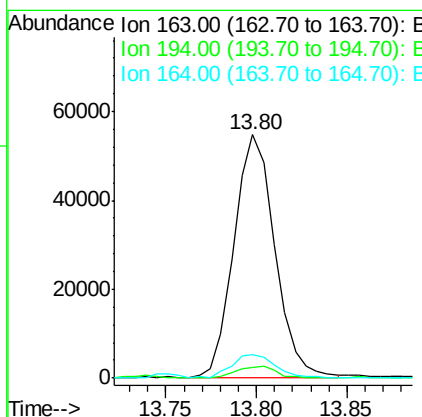
RT: 13.80 min Scan# 1906

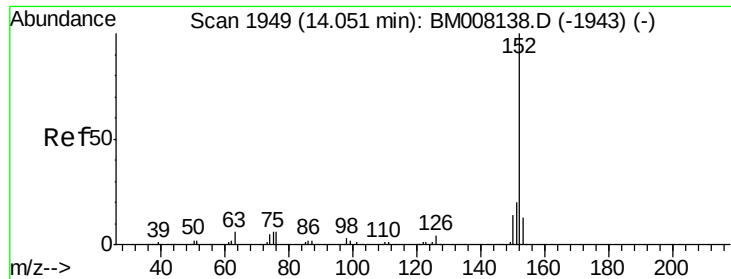
Delta R.T. -0.00 min

Lab File: BM008139.D

Acq: 01 Dec 2016 16:06

Tgt Ion:	163	Resp:	86118
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.6	8.2	12.4





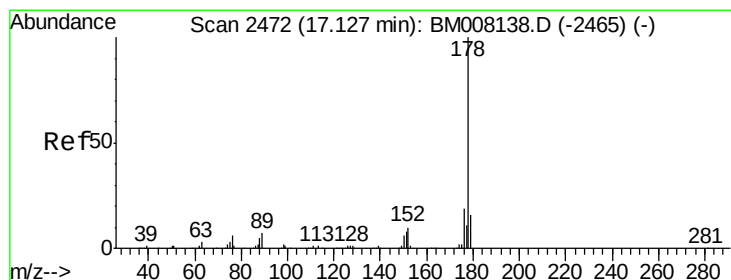
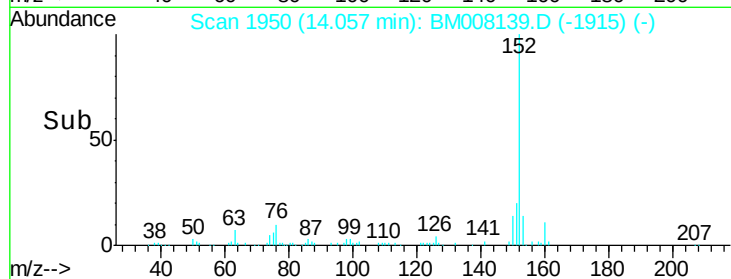
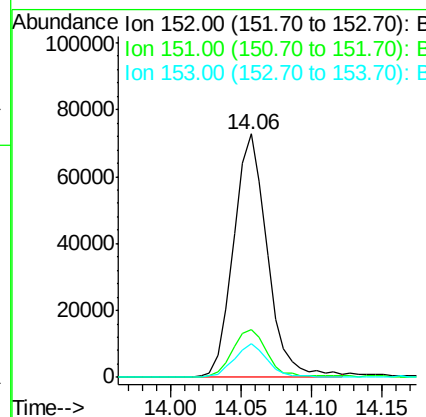
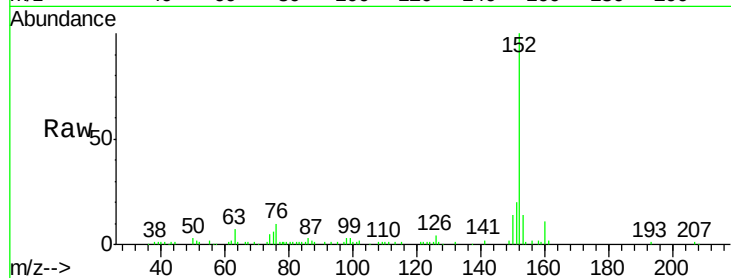
#47
Acenaphthylene
Concen: 3.73 ng/ul
RT: 14.06 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BM008139.D
Acq: 01 Dec 2016 16:06

Instrument :
BNA_M
ClientSampleId :
A4WG8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		121738		
151	19.8		16.0	24.0	
153	14.0		10.4	15.6	

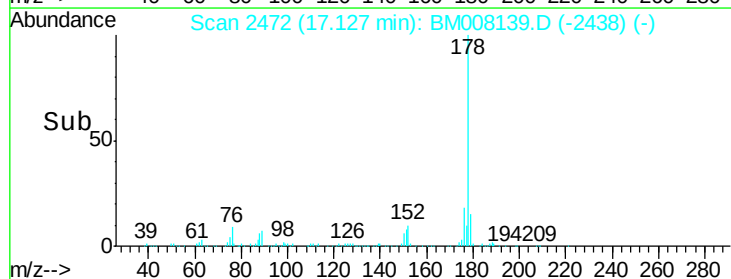
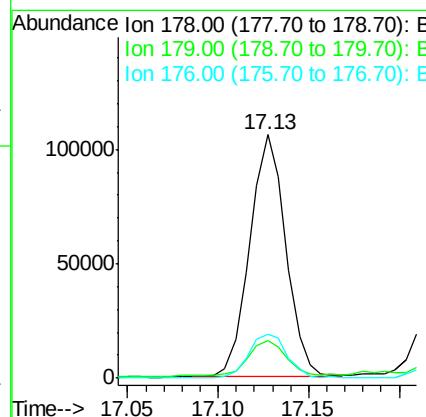
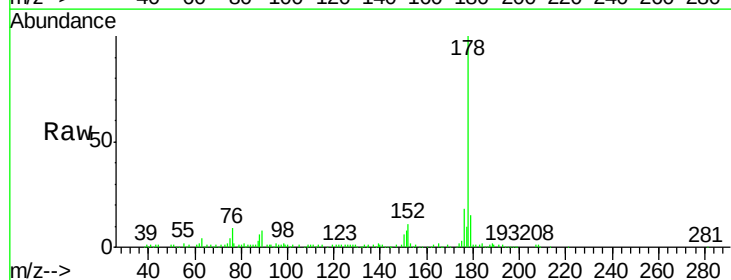
Manual Integrations
APPROVED

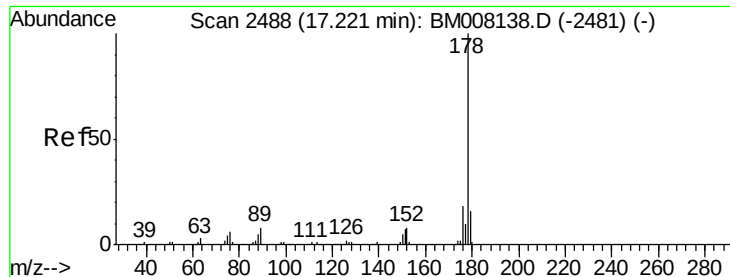
sohil
12/2/2016 4:19:01 PM



#69
Phenanthrene
Concen: 3.91 ng/ul
RT: 17.13 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BM008139.D
Acq: 01 Dec 2016 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		146795		
179	15.2		12.2	18.2	
176	17.9		14.7	22.1	





#71

Anthracene

Concen: 1.49 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BM008139.D

Acq: 01 Dec 2016 16:06

Instrument :

BNA_M

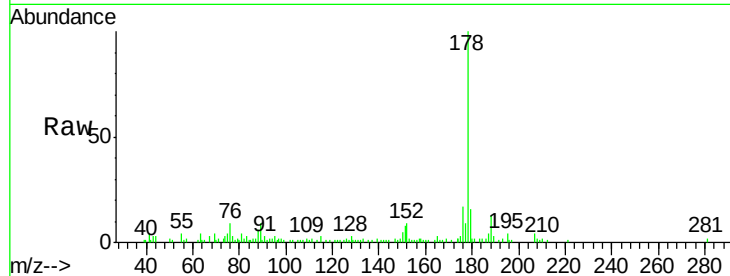
ClientSampled :

A4WG8

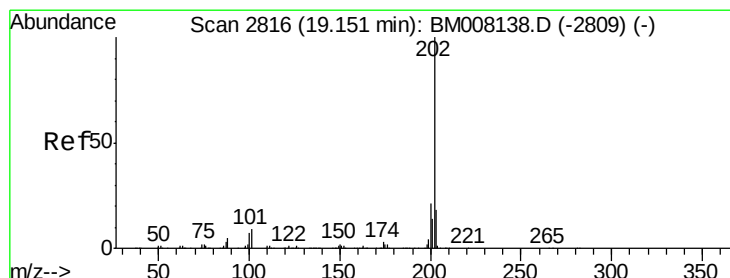
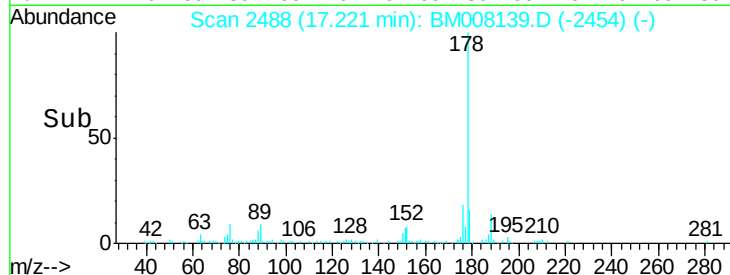
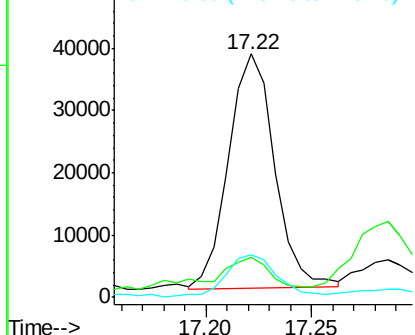
Tot Ion:	178	Resp:	57090
Ion Ratio	Lower	Upper	
178	100		
179	16.5	11.8	17.8
176	17.4	14.6	21.8

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:01 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 12.00 ng/ul

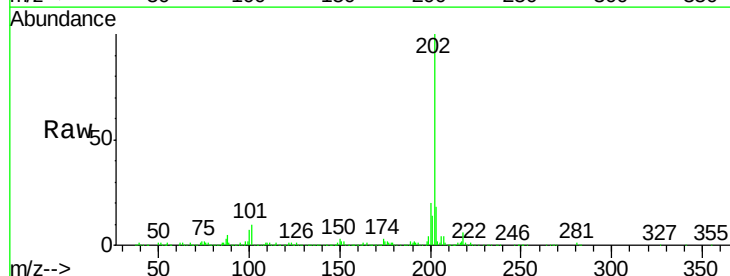
RT: 19.15 min Scan# 2816

Delta R.T. -0.00 min

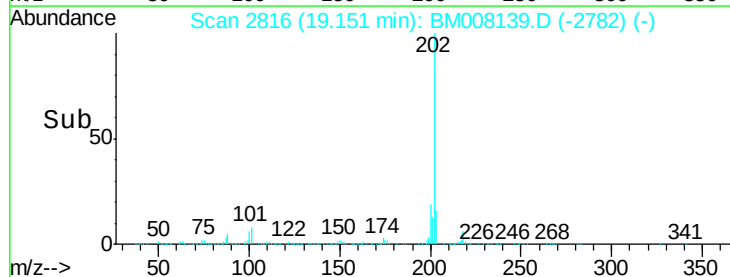
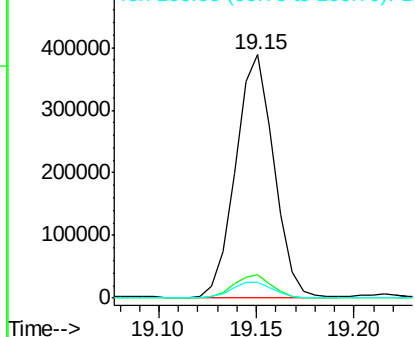
Lab File: BM008139.D

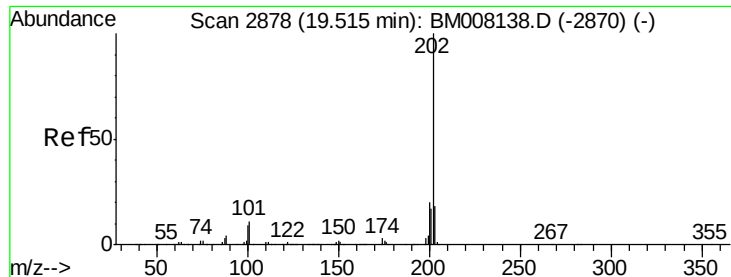
Acq: 01 Dec 2016 16:06

Tgt Ion:	202	Resp:	523076
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.1	10.7
100	6.7	5.4	8.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 14.89 ng/ul

RT: 19.52 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BM008139.D

Acq: 01 Dec 2016 16:06

Instrument :

BNA_M

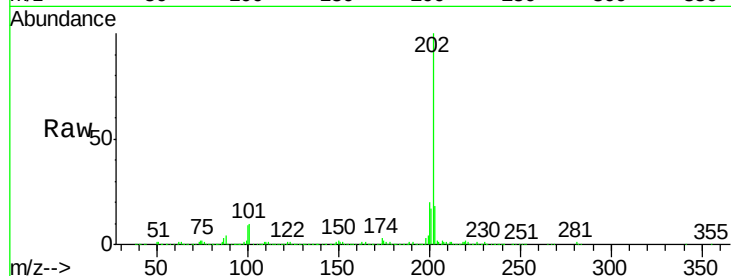
ClientSampleId :

A4WG8

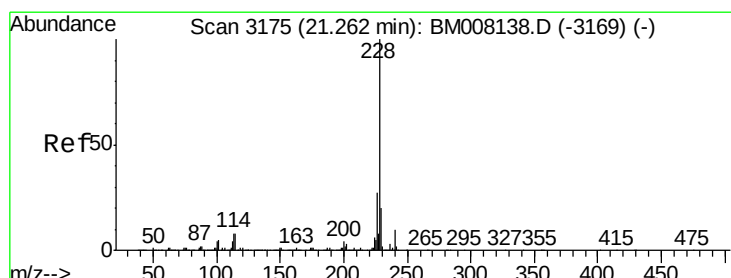
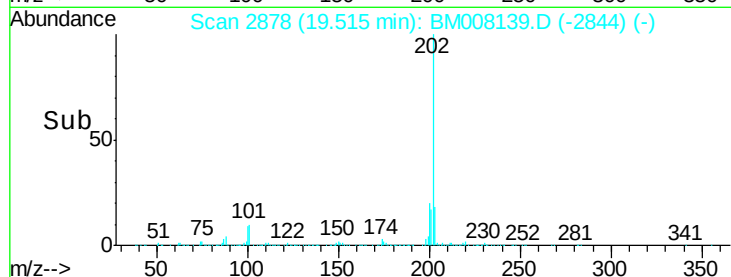
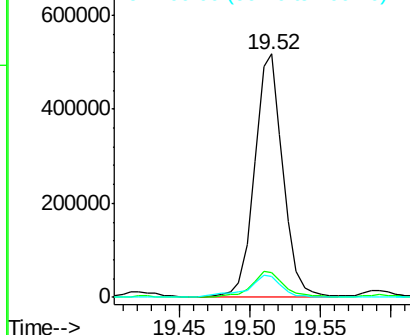
Tot Ion:	202	Resp:	722616
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.6	12.8
100	8.6	6.5	9.7

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:01 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 9.29 ng/ul m

RT: 21.26 min Scan# 3175

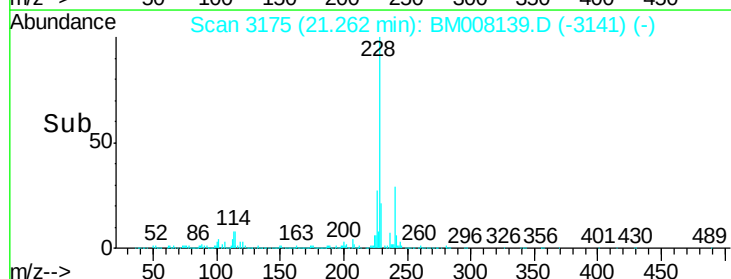
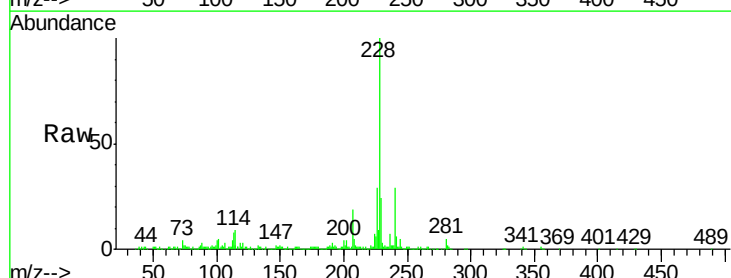
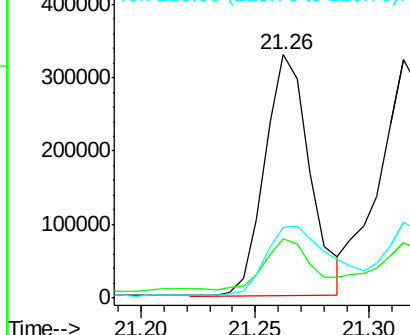
Delta R.T. -0.00 min

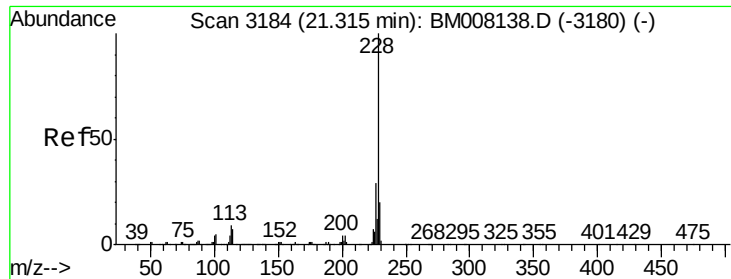
Lab File: BM008139.D

Acq: 01 Dec 2016 16:06

Tgt Ion:	228	Resp:	452131
Ion Ratio	Lower	Upper	
228	100		
229	24.5	15.8	23.6#
226	28.9	21.3	31.9

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





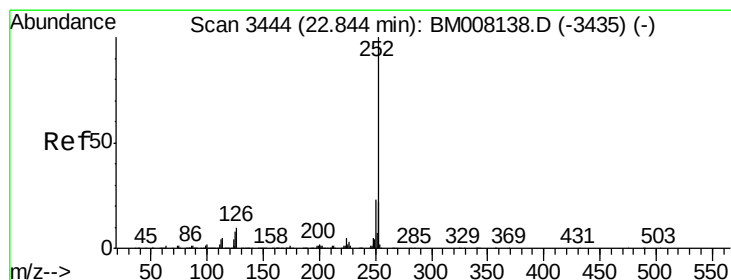
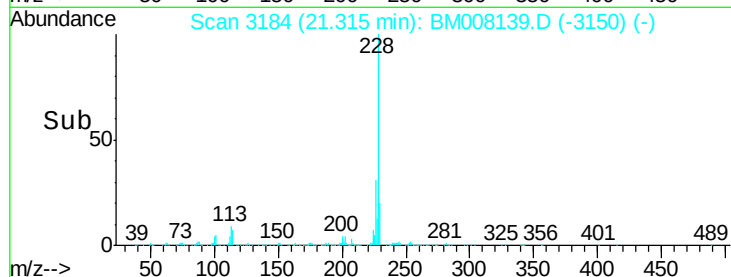
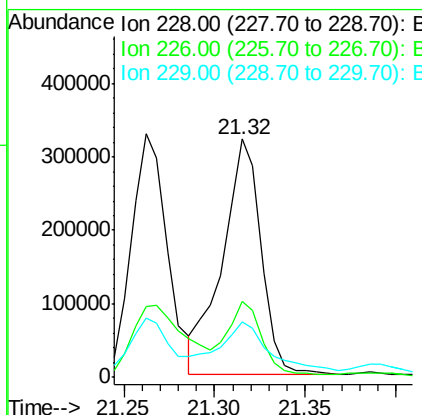
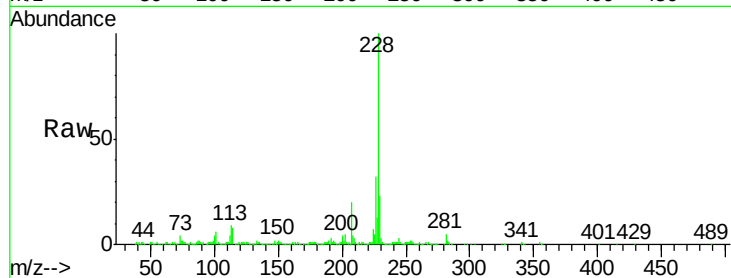
#82
Chrysene
Concen: 10.35 ng/ul
RT: 21.32 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BM008139.D
Acq: 01 Dec 2016 16:06

Instrument :
BNA_M
ClientSampleId :
A4WG8

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	23.2	15.4	23.0

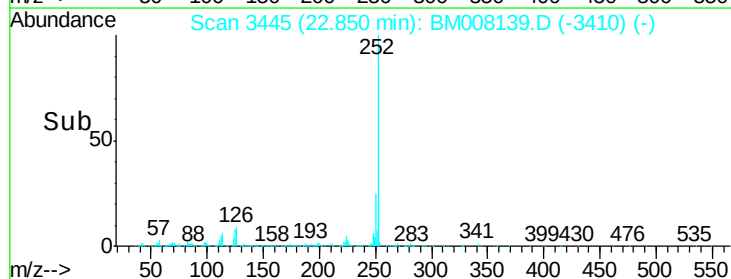
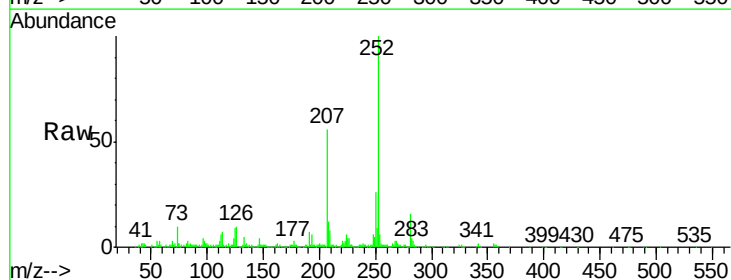
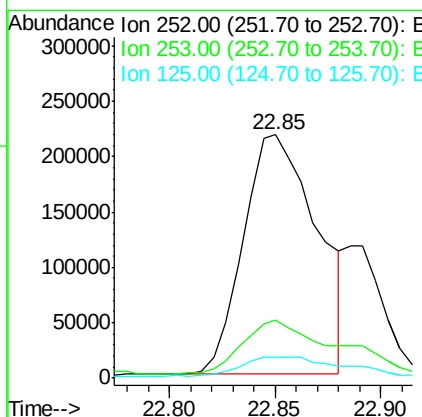
Manual Integrations
APPROVED

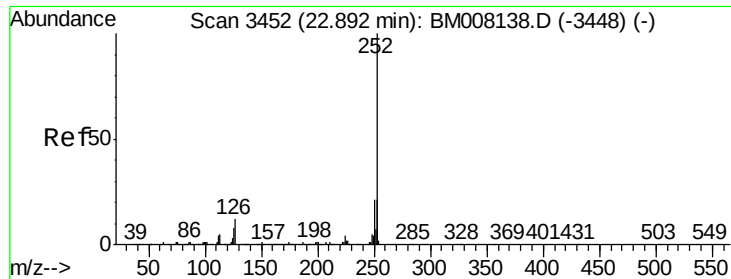
sohil
12/2/2016 4:19:01 PM



#85
Benzo(b)fluoranthene
Concen: 10.12 ng/ul
RT: 22.85 min Scan# 3445
Delta R.T. 0.01 min
Lab File: BM008139.D
Acq: 01 Dec 2016 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	8.6	5.6	8.4





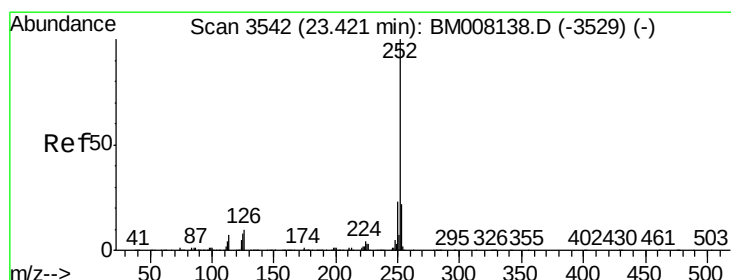
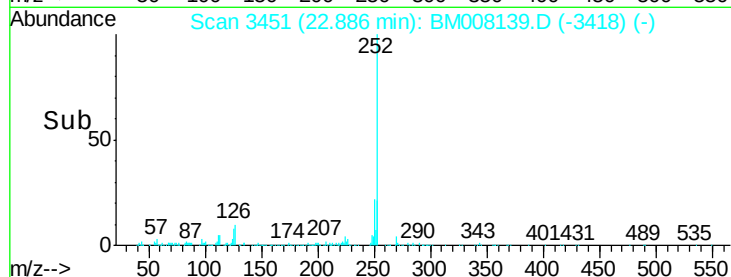
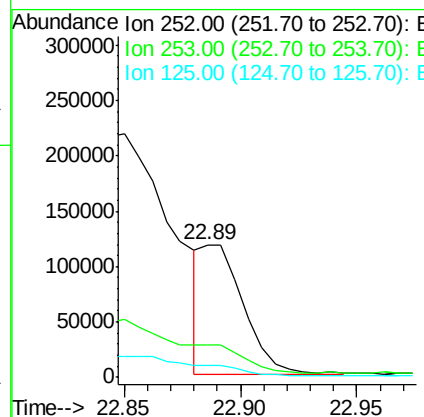
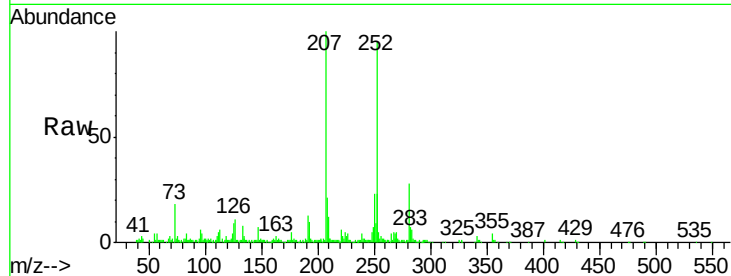
#86
Benzo(k)fluoranthene
Concen: 2.98 ng/ul m
RT: 22.89 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM008139.D
Acq: 01 Dec 2016 16:06

Instrument :
BNA_M
ClientSampled :
A4WG8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	9.4	5.5	8.3#

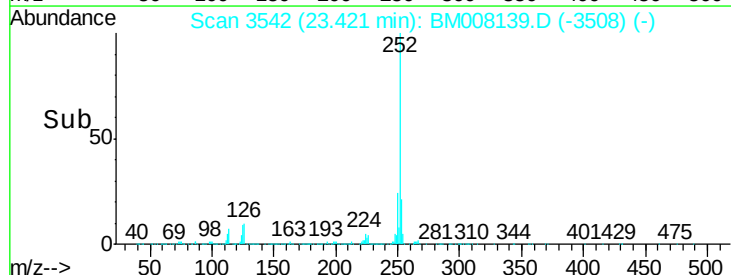
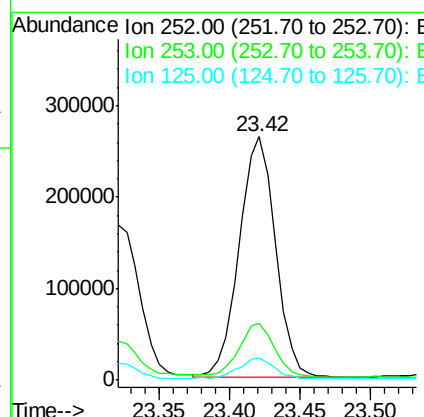
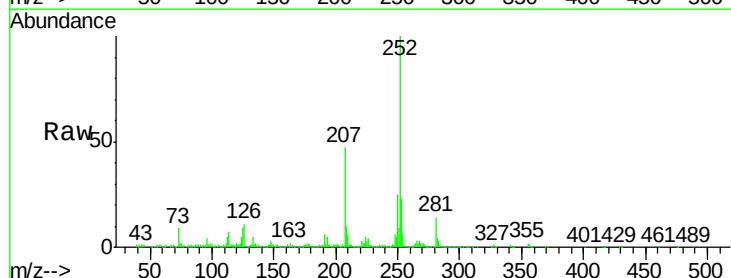
Manual Integrations
APPROVED

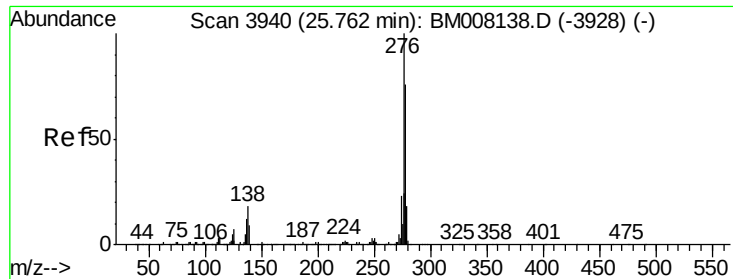
sohil
12/2/2016 4:19:01 PM



#88
Benzo(a)pyrene
Concen: 9.46 ng/ul
RT: 23.42 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BM008139.D
Acq: 01 Dec 2016 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	9.0	6.2	9.2





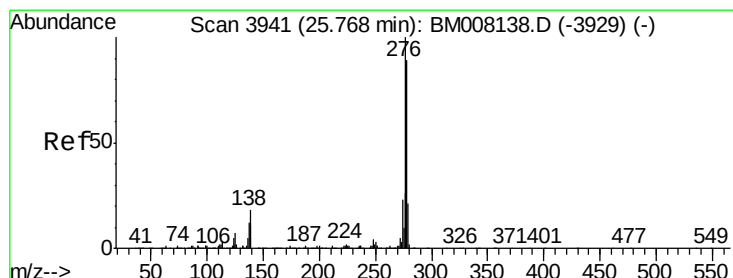
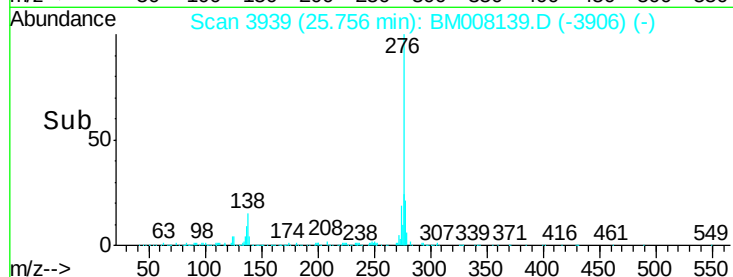
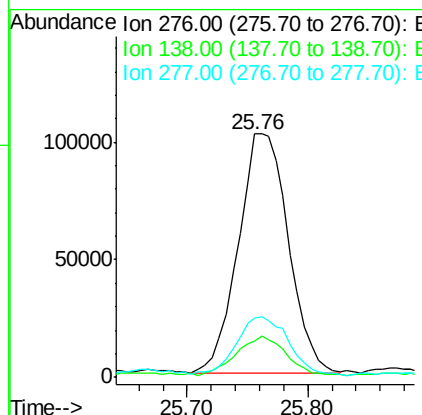
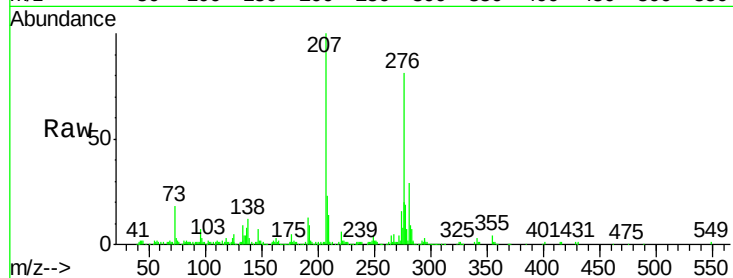
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.82 ng/ul
 RT: 25.76 min Scan# 3939
 Delta R.T. -0.01 min
 Lab File: BM008139.D
 Acq: 01 Dec 2016 16:06

Instrument :
 BNA_M
 ClientSampled :
 A4WG8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	14.1	21.1
277	24.5	19.7	29.5

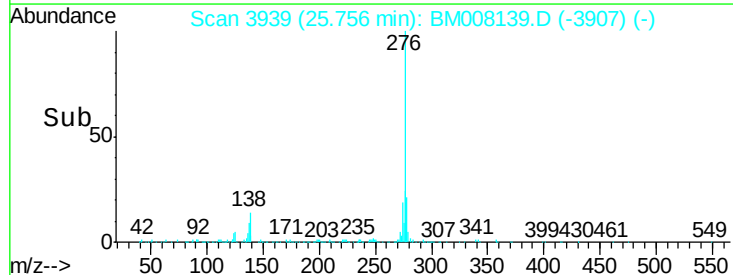
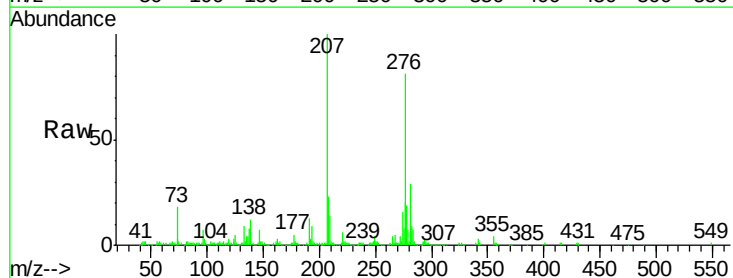
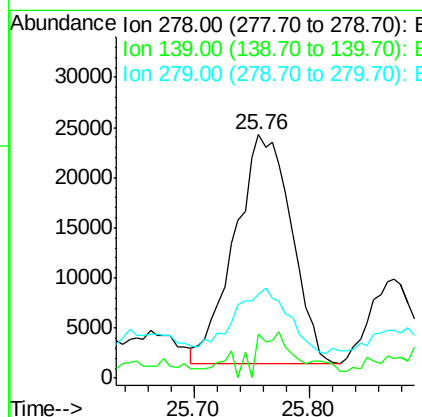
Manual Integrations
 APPROVED

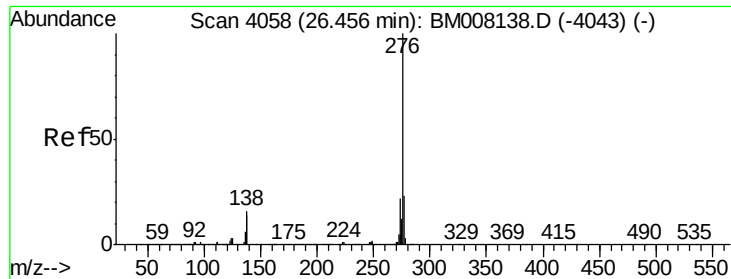
sohil
 12/2/2016 4:19:01 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.52 ng/ul
 RT: 25.76 min Scan# 3939
 Delta R.T. -0.01 min
 Lab File: BM008139.D
 Acq: 01 Dec 2016 16:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	9.3	13.9#
279	34.5	18.9	28.3#





#91
 Benzo(a,h,i)perylene
 Concen: 5.80 ng/ul
 RT: 26.46 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: BM008139.D
 Acq: 01 Dec 2016 16:06

Instrument :
 BNA_M
 ClientSampleId :
 A4WG8

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	11.7	17.5#
277	25.2	18.2	27.2

Manual Integrations
 APPROVED

sohil
 12/2/2016 4:19:01 PM

