

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011932.D
 Acq On : 05 Oct 2017 19:32
 Operator : SJ/JU
 Sample : I5449-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-60(5-7)-092617

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:37:00 PM

Quant Time: Oct 12 05:16:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	301525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1243860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	632503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1165255	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1137499	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1275618	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	22867	3.59	ng/uL	0.00
5) Phenol-d5	7.03	99	460727	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	291731	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	413534	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	371007	16.54	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	193552	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	224633	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	395332	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	174588	7.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1161211	21.18	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1380330	21.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	91764m	9.58	ng/ul	0.00
57) Fluorene-d10	15.50	176	917935	18.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	114984	14.67	ng/ul	0.00
70) Anthracene-d10	17.36	188	1243903	21.66	ng/ul	0.00
76) Pyrene-d10	19.64	212	1293301	25.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1310702	21.36	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.06	94	32760	1.276	ng/ul#	76
28) Naphthalene	10.72	128	71930	1.153	ng/ul	97
69) Phenanthrene	17.30	178	562404	8.774	ng/ul	99
71) Anthracene	17.39	178	124292	1.906	ng/ul	98
74) Fluoranthene	19.31	202	1021374	13.060	ng/ul#	91
77) Pyrene	19.67	202	951861	15.092	ng/ul#	91
78) Butylbenzylphthalate	20.56	149	2254829	91.264	ng/ul	91
80) Benzo(a)anthracene	21.42	228	558724	8.574	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	66836	1.818	ng/ul	99
82) Chrysene	21.46	228	568947	9.189	ng/ul	95
85) Benzo(b)fluoranthene	23.05	252	854738	11.024	ng/ul#	92
86) Benzo(k)fluoranthene	23.09	252	244403m	3.157	ng/ul	
88) Benzo(a)pyrene	23.66	252	580437	7.791	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.13	276	451436	5.662	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.14	278	115796	1.768	ng/ul#	77
91) Benzo(g,h,i)perylene	26.87	276	437752	6.638	ng/ul#	94

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

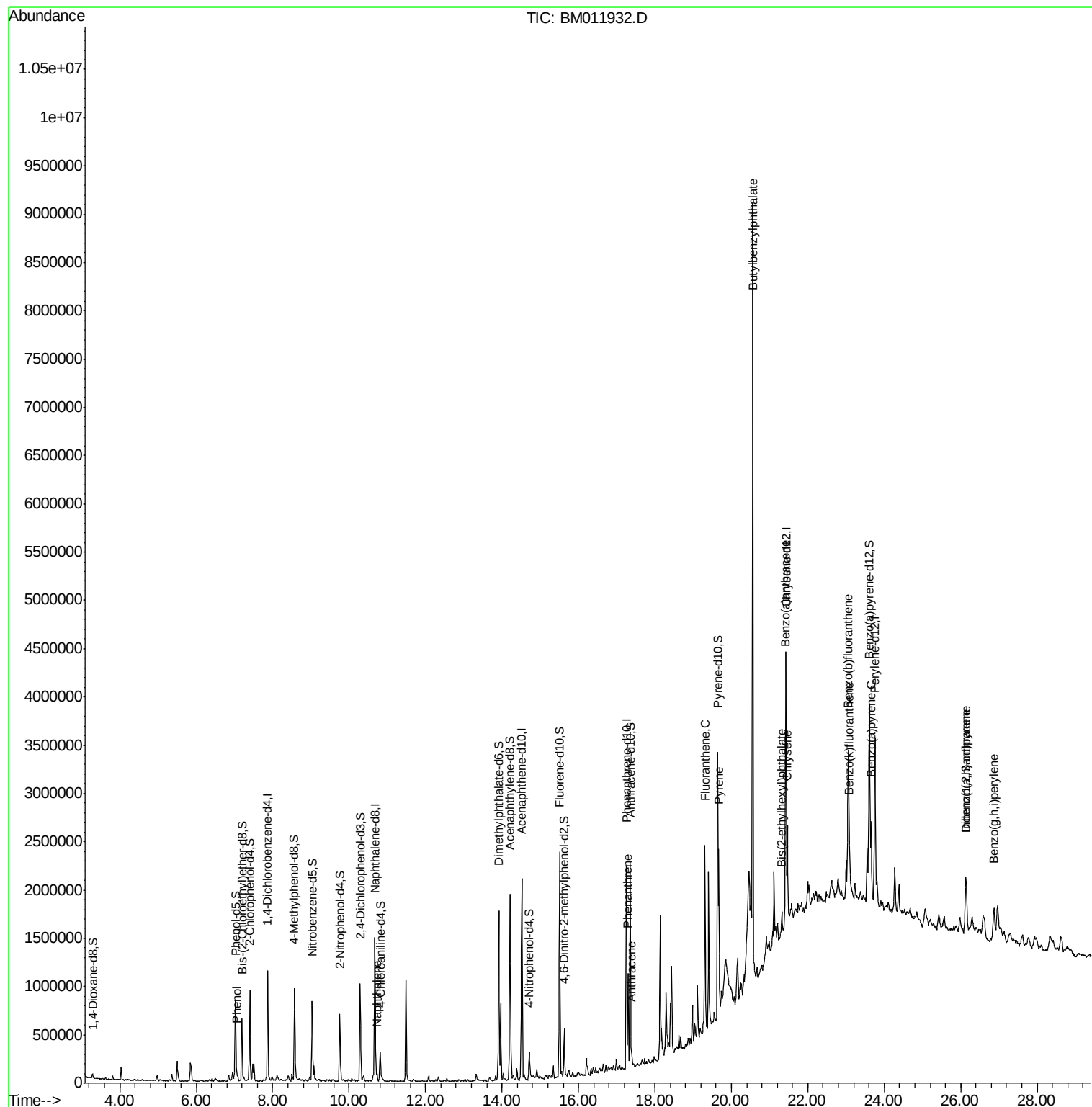
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011932.D
Acq On : 05 Oct 2017 19:32
Operator : SJ/JU
Sample : I5449-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

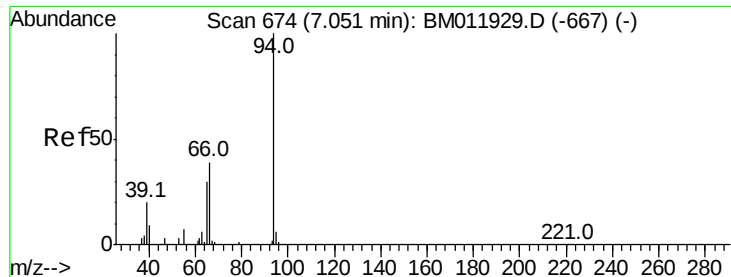
Instrument :
BNA_M
ClientSampleId :
B-60(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/6/2017 5:37:00 PM

Quant Time: Oct 12 05:16:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.276 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

Instrument :

BNA_M

ClientSampled :

B-60(5-7)-092617

Tot Ion: 94 Resp: 32760

Ion Ratio Lower Upper

94 100

65 28.3 28.2 42.4

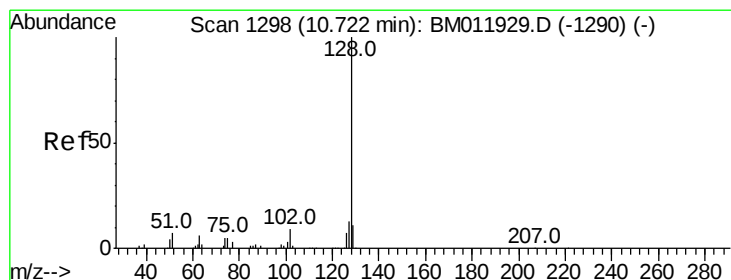
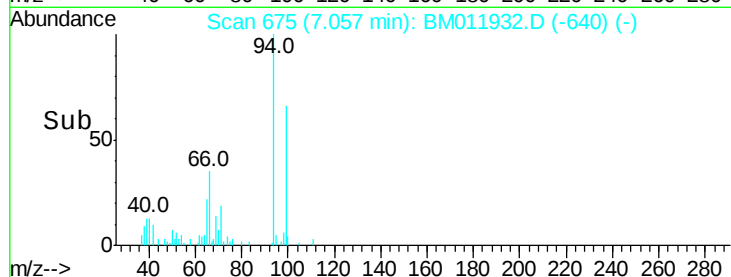
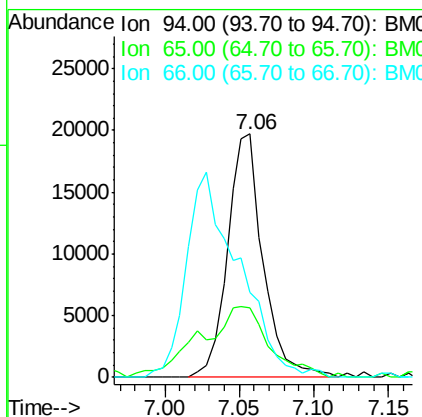
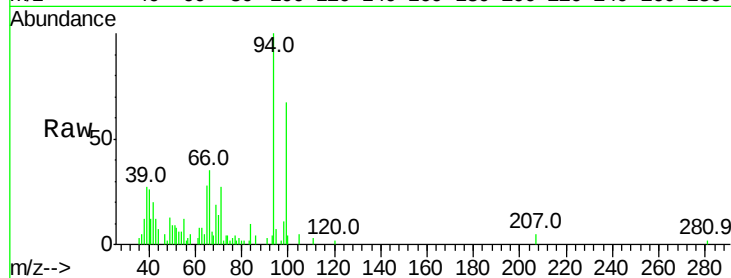
66 35.0 47.2 70.8#

Manual Integrations

APPROVED

Sohil

10/6/2017 5:37:00 PM



#28

Naphthalene

Concen: 1.153 ng/ul

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

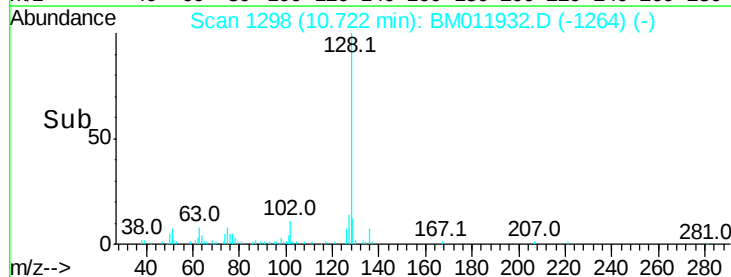
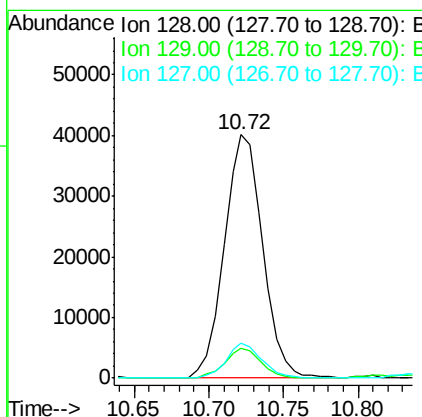
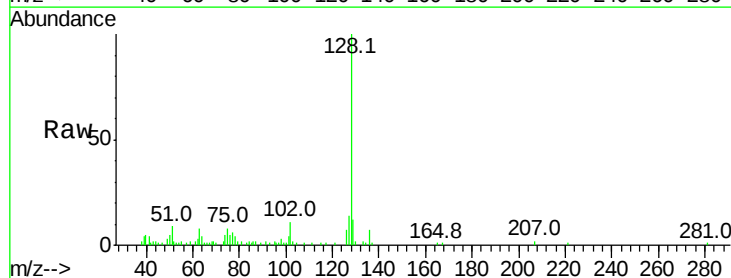
Tgt Ion: 128 Resp: 71930

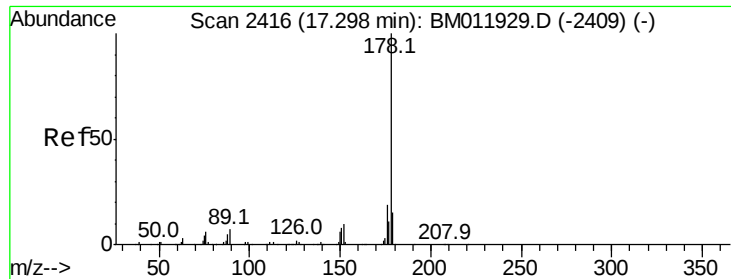
Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

127 14.2 10.6 16.0





#69

Phenanthrene

Concen: 8.774 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

Instrument :

BNA_M

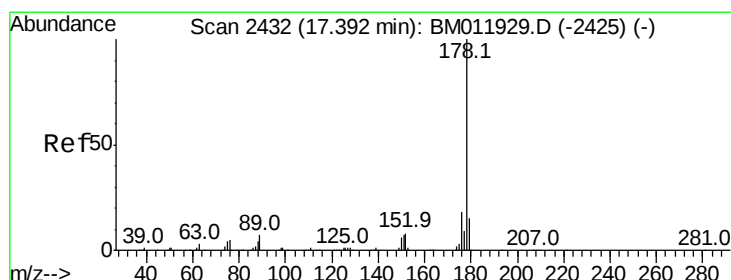
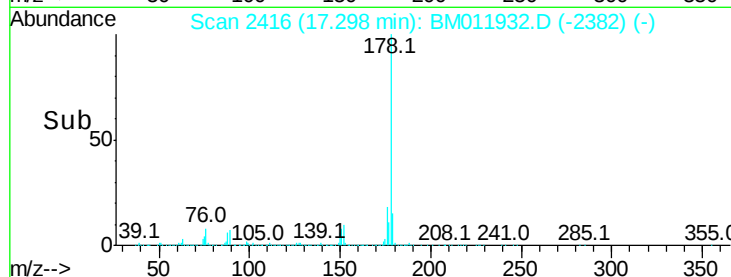
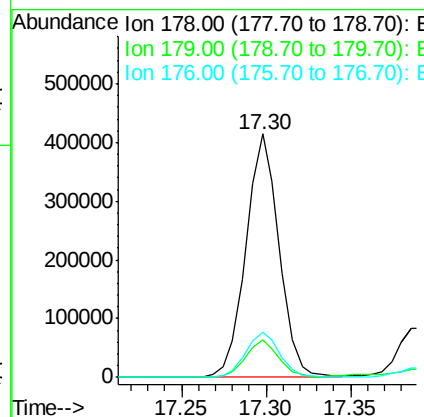
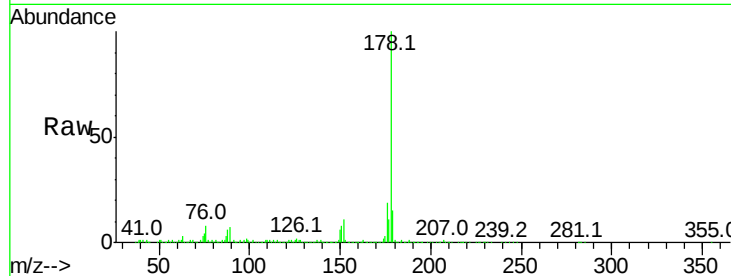
ClientSampleId :

B-60(5-7)-092617

Tot Ion:	178	Resp:	562404
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	18.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
10/6/2017 5:37:00 PM



#71

Anthracene

Concen: 1.906 ng/ul

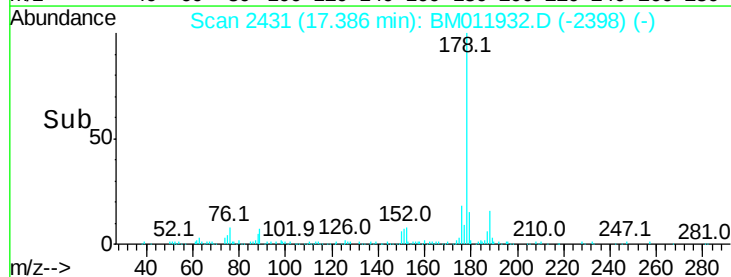
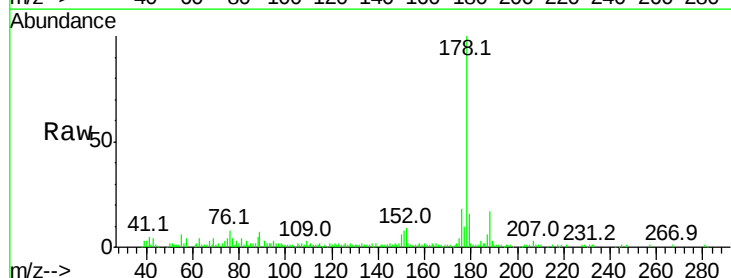
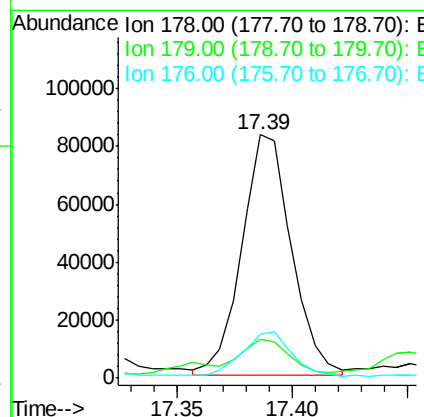
RT: 17.39 min Scan# 2431

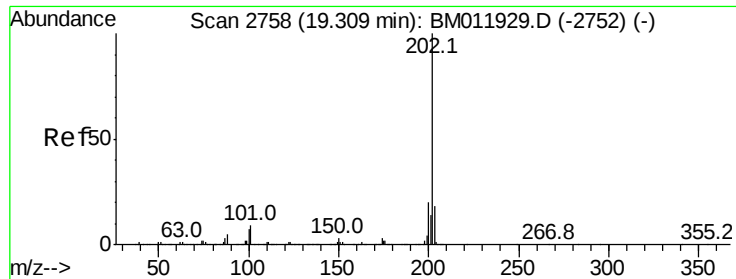
Delta R.T. -0.01 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

Tgt Ion:	178	Resp:	124292
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.7	17.5
176	18.0	14.6	21.8





#74

Fluoranthene

Concen: 13.060 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

Instrument :

BNA_M

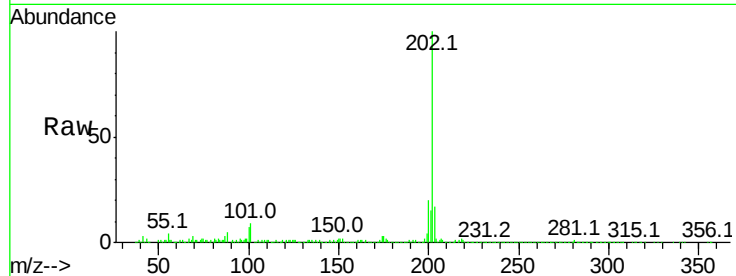
ClientSampleId :

B-60(5-7)-092617

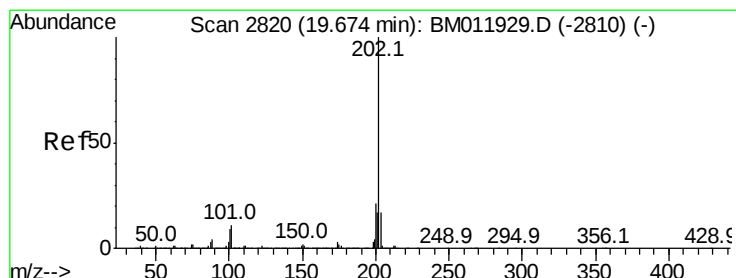
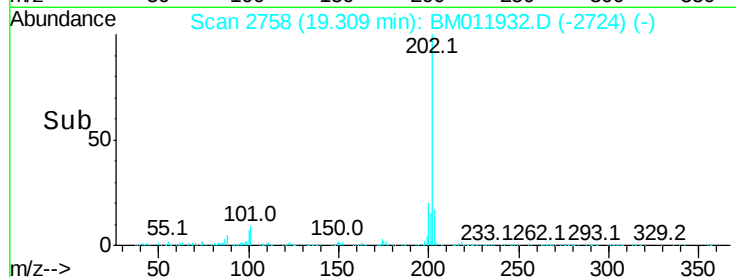
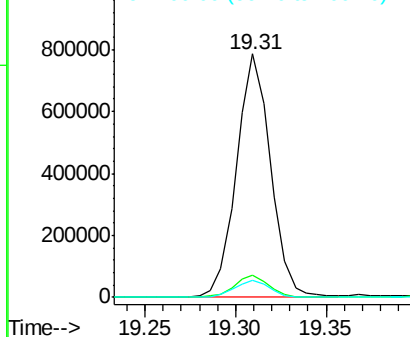
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1021374		
101	9.2	4.6	7.0#	
100	7.1	3.4	5.2#	

Manual Integrations
APPROVED

Sohil
10/6/2017 5:37:00 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



#77

Pyrene

Concen: 15.092 ng/ul

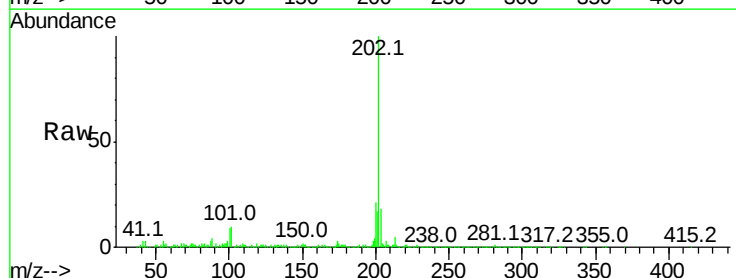
RT: 19.67 min Scan# 2820

Delta R.T. 0.00 min

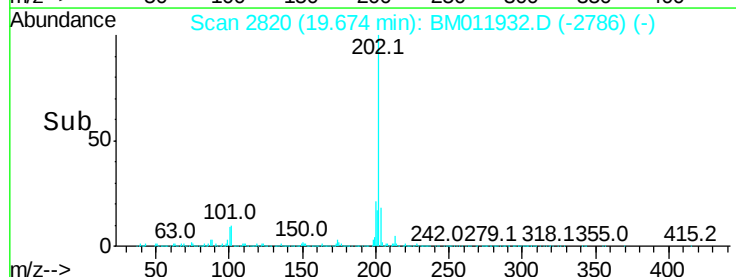
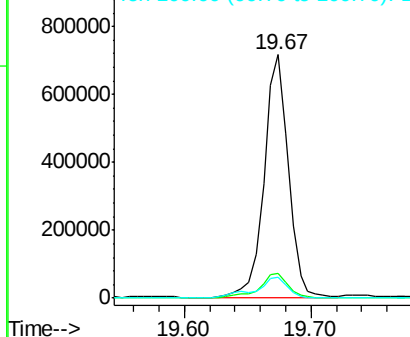
Lab File: BM011932.D

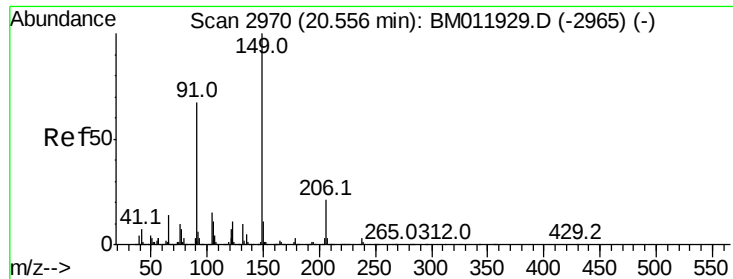
Acq: 05 Oct 2017 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	951861		
101	9.9	5.1	7.7#	
100	8.8	4.9	7.3#	



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





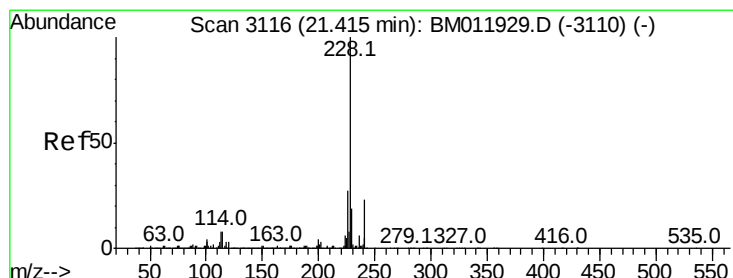
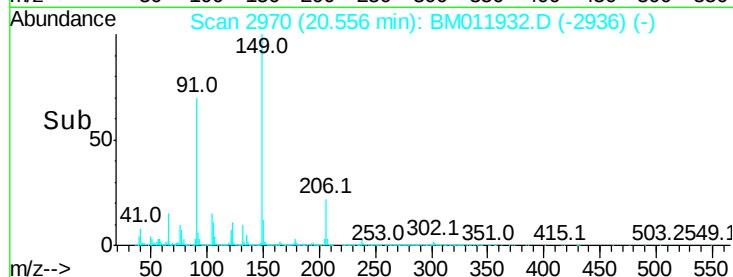
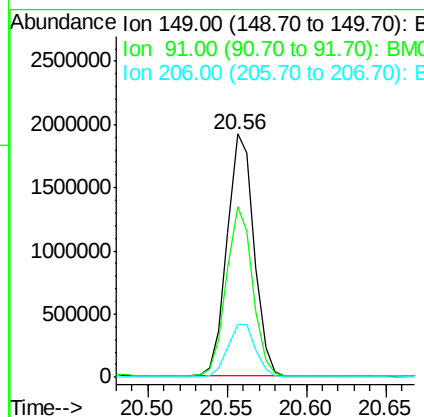
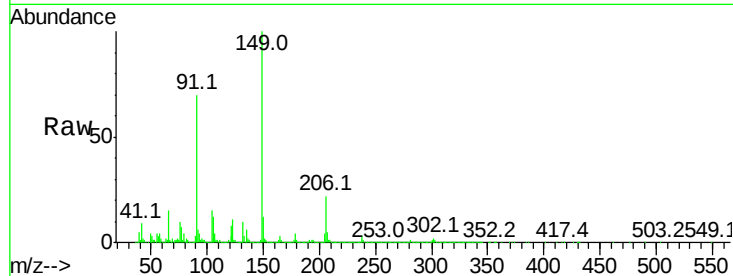
#78
 Butylbenzylphthalate
 Concen: 91.264 ng/ul
 RT: 20.56 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BM011932.D
 Acq: 05 Oct 2017 19:32

Instrument :
 BNA_M
 ClientSampleId :
 B-60(5-7)-092617

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	62.7	94.1
206	22.0	20.8	31.2

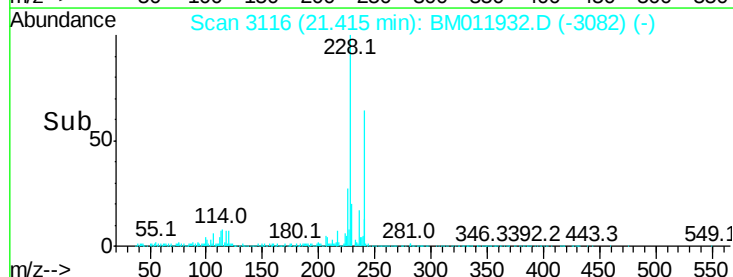
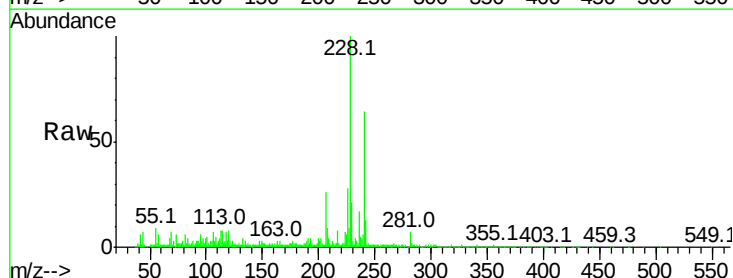
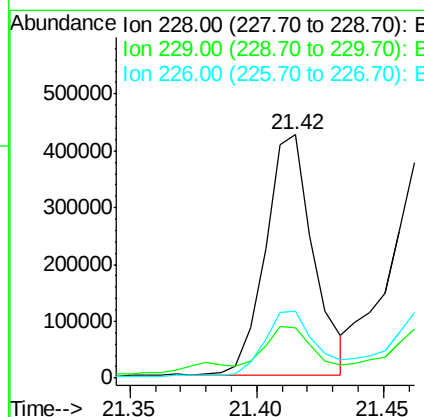
Manual Integrations
 APPROVED

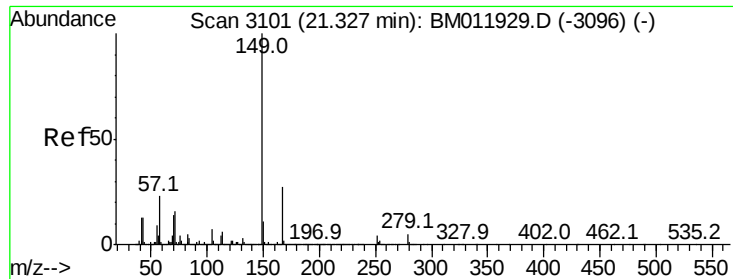
Sohil
 10/6/2017 5:37:00 PM



#80
 Benzo(a)anthracene
 Concen: 8.574 ng/ul
 RT: 21.42 min Scan# 3116
 Delta R.T. 0.00 min
 Lab File: BM011932.D
 Acq: 05 Oct 2017 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	27.6	21.4	32.0





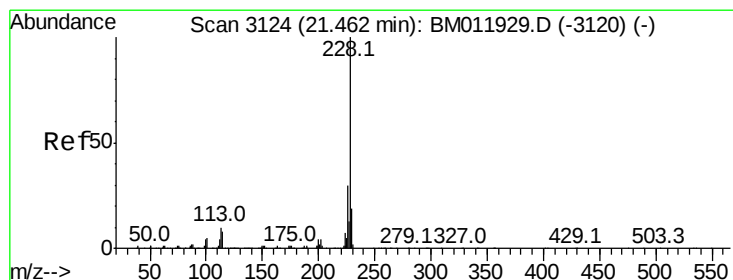
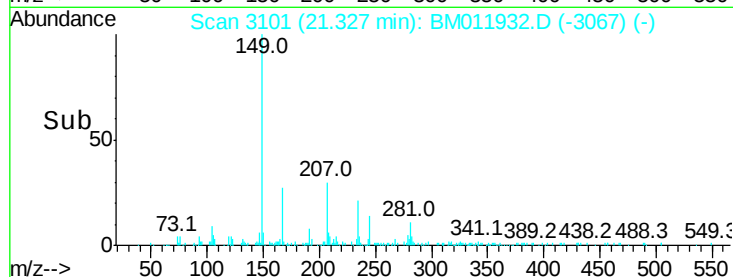
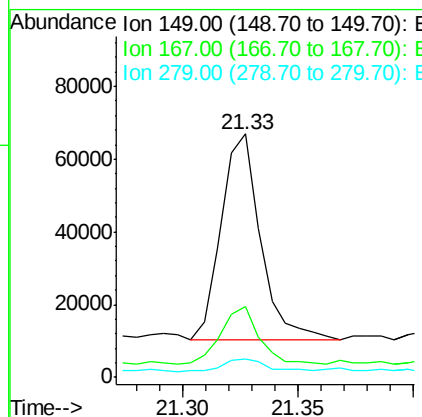
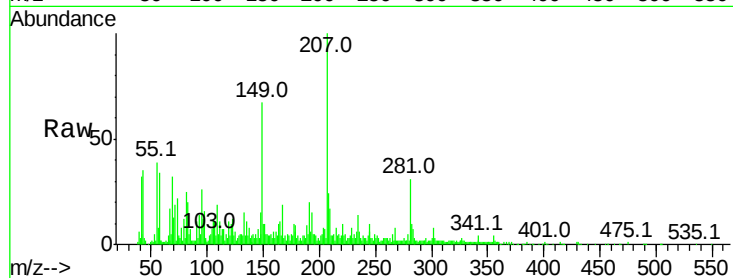
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.818 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM011932.D
 Acq: 05 Oct 2017 19:32

Instrument :
 BNA_M
 ClientSampleId :
 B-60(5-7)-092617

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.8	34.2
279	7.3	4.9	7.3

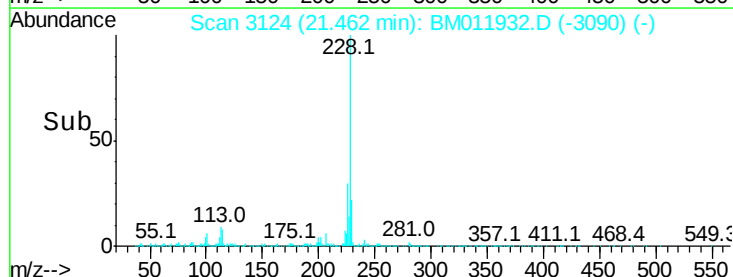
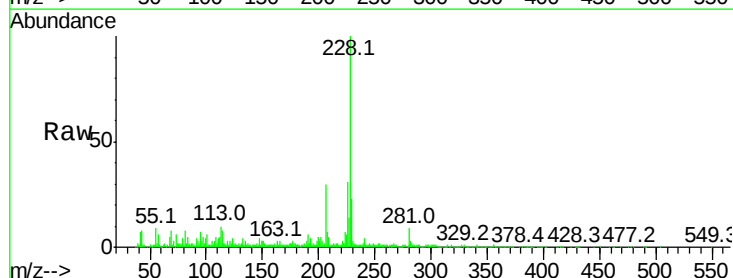
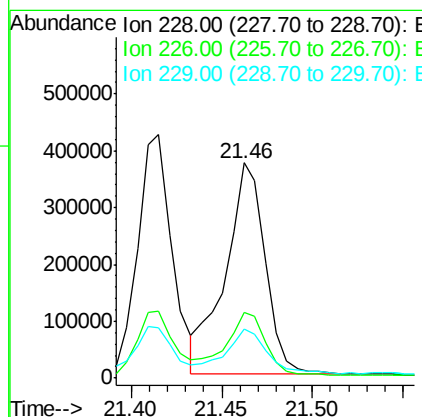
Manual Integrations
 APPROVED

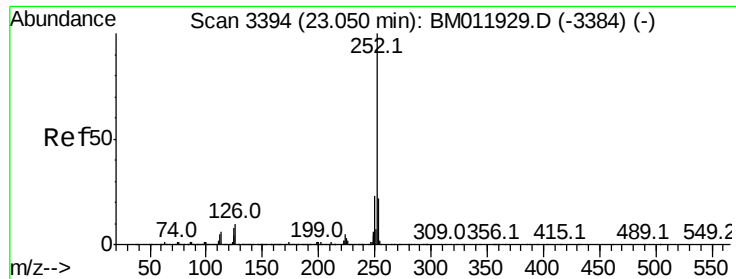
Sohil
 10/6/2017 5:37:00 PM



#82
 Chrysene
 Concen: 9.189 ng/ul
 RT: 21.46 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BM011932.D
 Acq: 05 Oct 2017 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.9	15.5	23.3





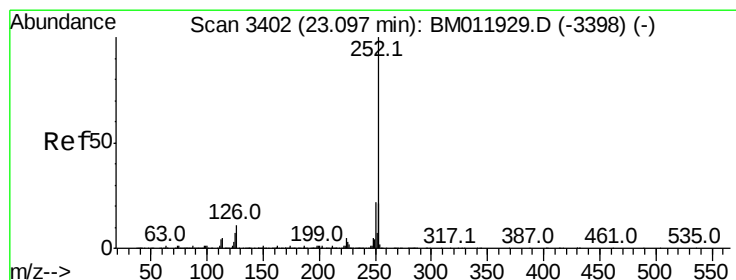
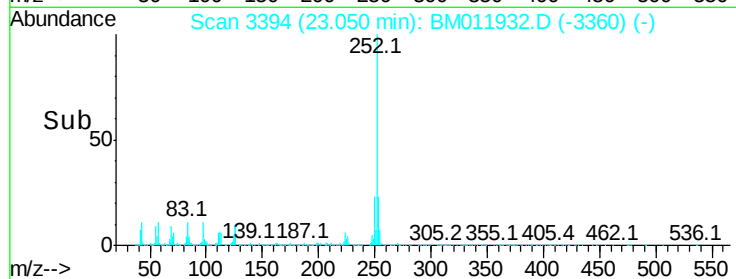
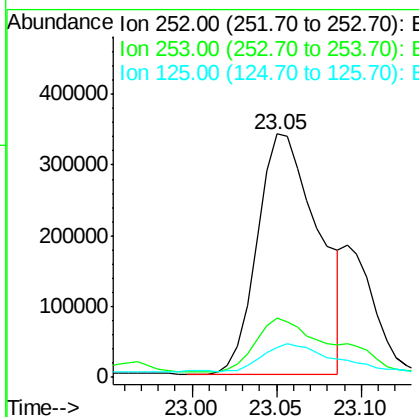
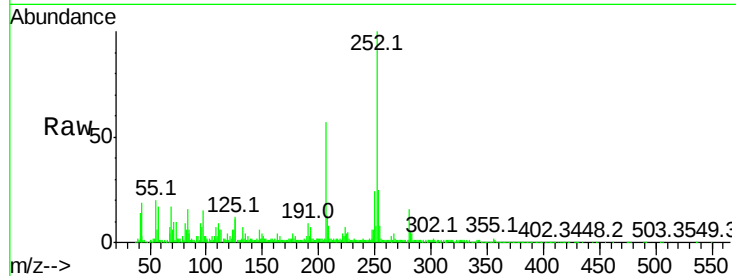
#85
Benzo(b)fluoranthene
Concen: 11.024 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 19:32

Instrument :
BNA_M
ClientSampleId :
B-60(5-7)-092617

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	12.3	3.6	5.4

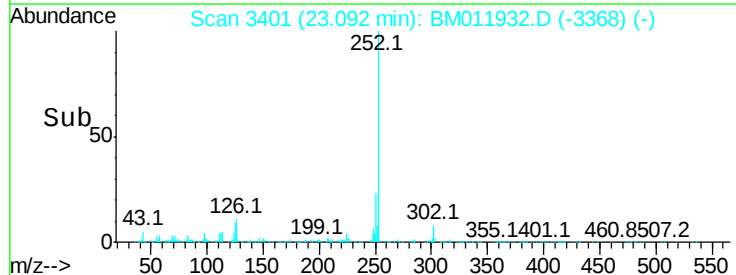
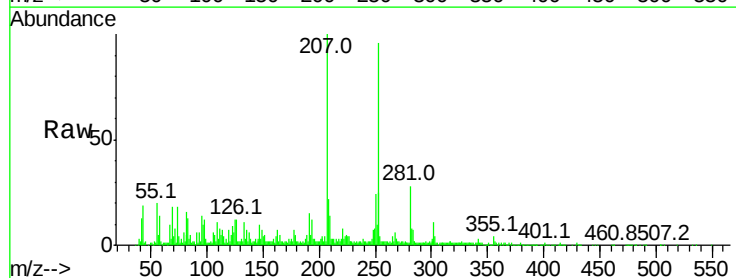
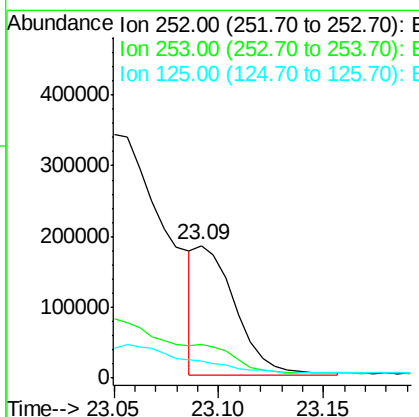
Manual Integrations
APPROVED

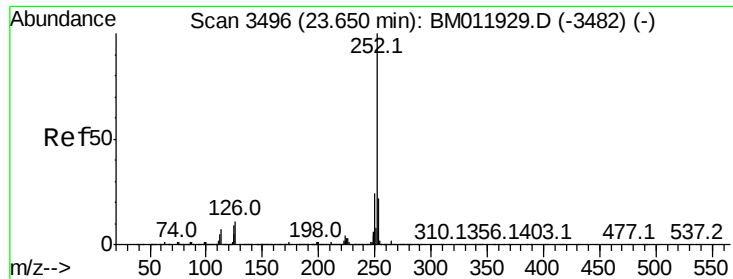
Sohil
10/6/2017 5:37:00 PM



#86
Benzo(k)fluoranthene
Concen: 3.157 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	12.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 7.791 ng/ul

RT: 23.66 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

Instrument :

BNA_M

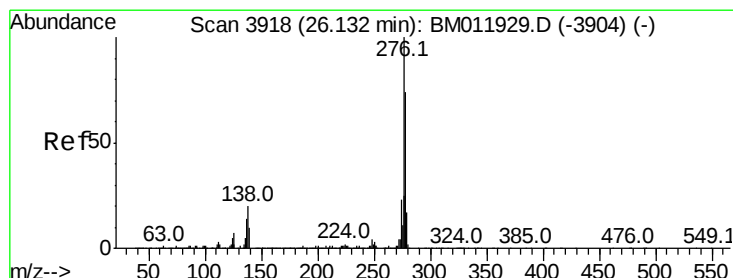
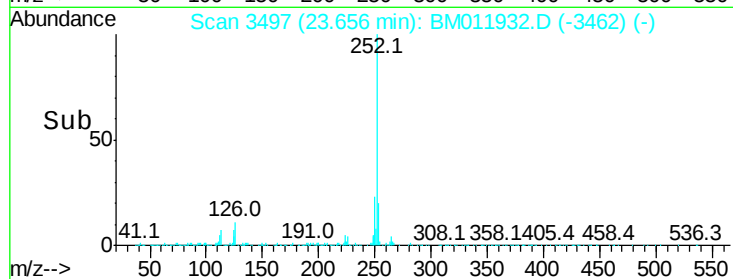
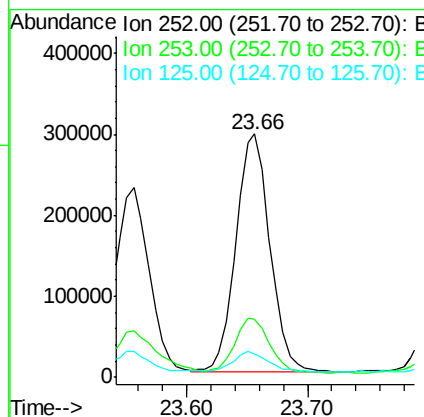
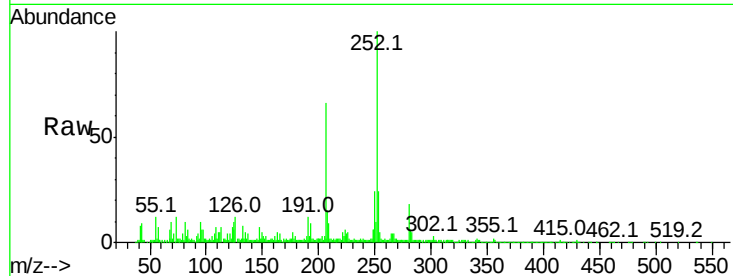
ClientSampleId :

B-60(5-7)-092617

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.7	18.2	27.2	
125	9.7	4.0	6.0	

Manual Integrations
APPROVED

Sohil
10/6/2017 5:37:00 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.662 ng/ul

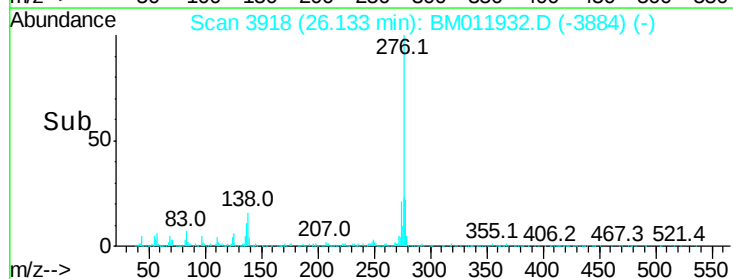
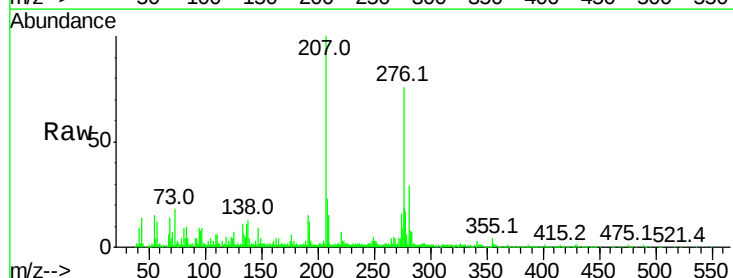
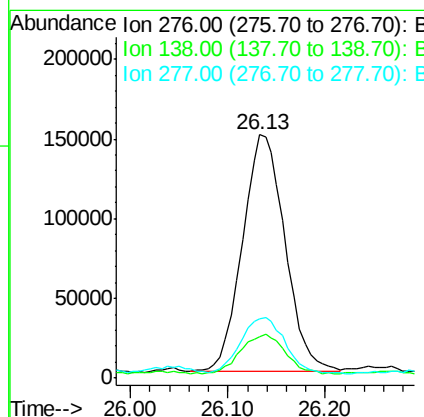
RT: 26.13 min Scan# 3918

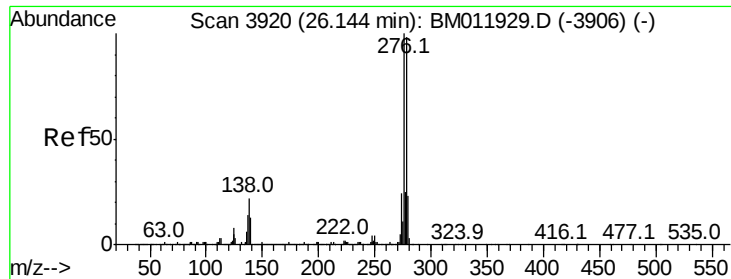
Delta R.T. 0.00 min

Lab File: BM011932.D

Acq: 05 Oct 2017 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	17.0	9.3	13.9	
277	24.5	19.9	29.9	





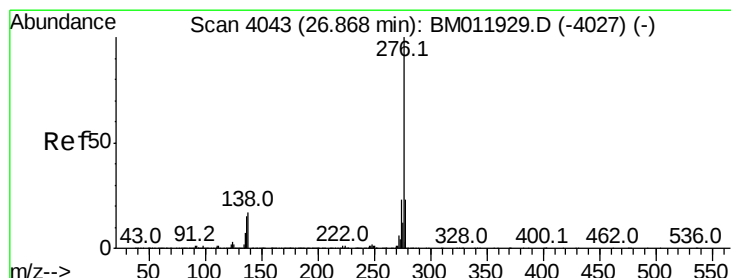
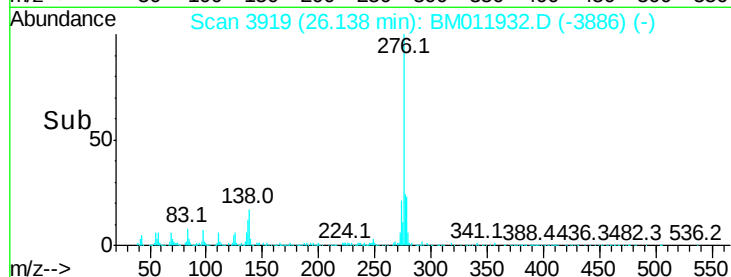
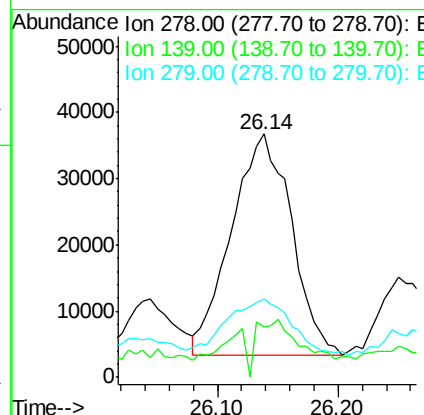
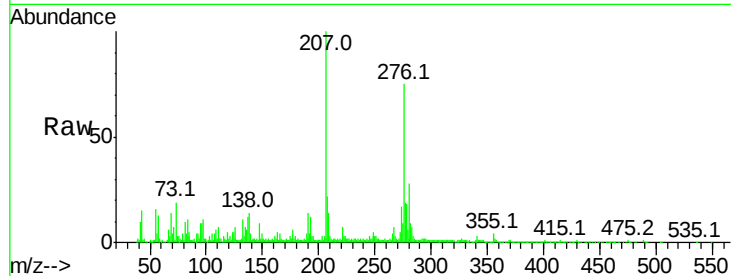
#90
Dibenzo(a,h)anthracene
Concen: 1.768 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 19:32

Instrument :
BNA_M
ClientSampleId :
B-60(5-7)-092617

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	5.8	8.8#
279	32.1	18.6	27.8#

Manual Integrations
APPROVED

Sohil
10/6/2017 5:37:00 PM



#91
Benzo(g,h,i)perylene
Concen: 6.638 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. 0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	24.0	18.6	28.0

