

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011655.D
 Acq On : 21 Sep 2017 15:59
 Operator : SJ/JU
 Sample : I5284-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3C9

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:06:05 PM

Quant Time: Sep 22 07:17:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	222403	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1006226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	582215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1306100	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1462402	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1468545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	3864	0.78	ng/uL	0.00
5) Phenol-d5	7.12	99	86141	4.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	106669m	7.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	77459	4.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	70074	4.20	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	46757	6.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	23607	2.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	58545m	3.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	3167	0.18	ng/ul	0.05
44) Dimethylphthalate-d6	13.99	166	247090	5.02	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	376649	6.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	112	0.01	ng/ul	0.03
58) Fluorene-d10	15.58	176	307473	7.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	7703	1.01	ng/ul	0.00
71) Anthracene-d10	17.43	188	459312	7.14	ng/ul	0.00
79) Pyrene-d10	19.72	212	560501	8.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	504870	7.21	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.04	163	69270	1.470	ng/ul#	98
70) Phenanthrene	17.37	178	246316	3.383	ng/ul	100
77) Fluoranthene	19.38	202	383297	5.119	ng/ul#	90
80) Pyrene	19.74	202	356851	4.182	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	181400	2.253	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.39	149	85816	1.424	ng/ul#	93
85) Chrysene	21.53	228	179565	2.460	ng/ul	98
88) Benzo(b)fluoranthene	23.14	252	226125	2.560	ng/ul#	88
91) Benzo(a)pyrene	23.76	252	132774	1.592	ng/ul#	91

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

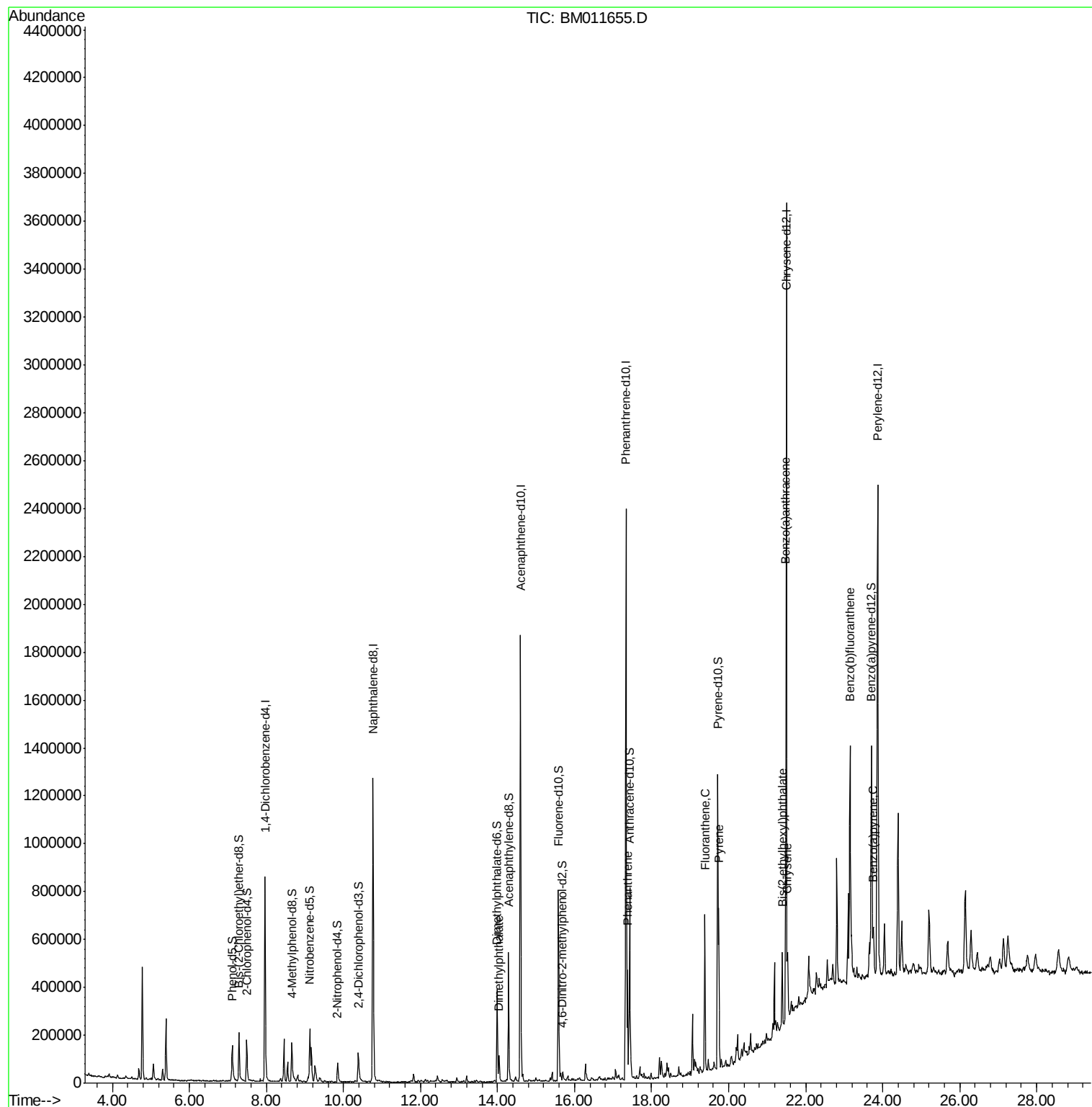
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011655.D
Acq On : 21 Sep 2017 15:59
Operator : SJ/JU
Sample : I5284-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

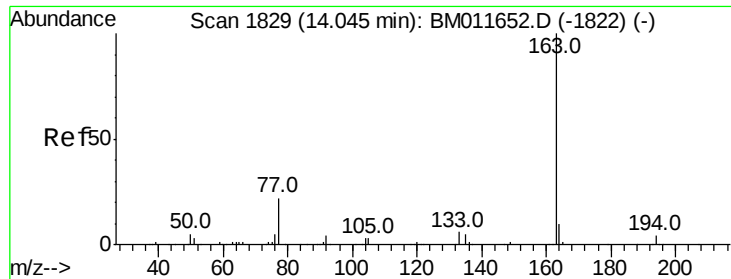
Instrument :
BNA_M
ClientSampleId :
CB3C9

Manual Integrations
APPROVED

Sohil
9/22/2017 4:06:05 PM

Quant Time: Sep 22 07:17:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration





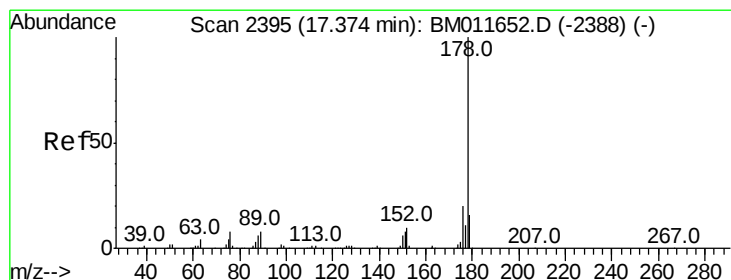
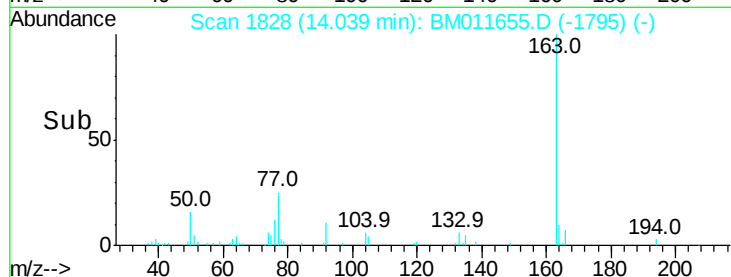
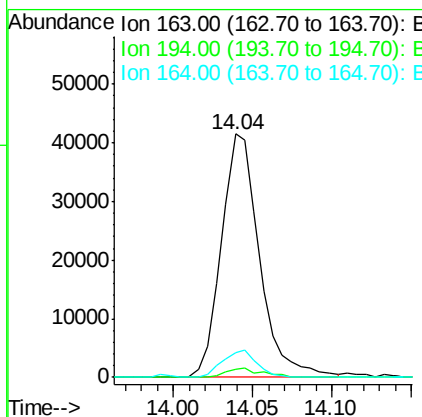
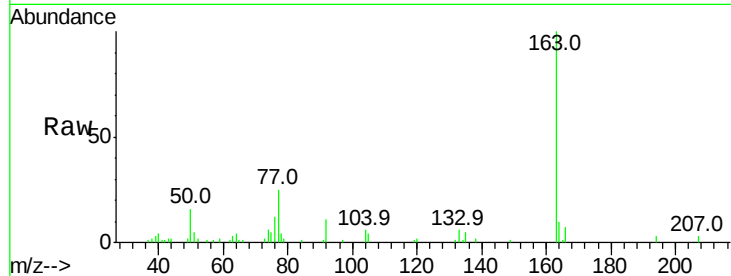
#45
Dimethylphthalate
Concen: 1.470 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011655.D
Acq: 21 Sep 2017 15:59

Instrument :
BNA_M
ClientSampled :
CB3C9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	69270		
194	3.2		4.0	6.0#
164	10.1		8.4	12.6

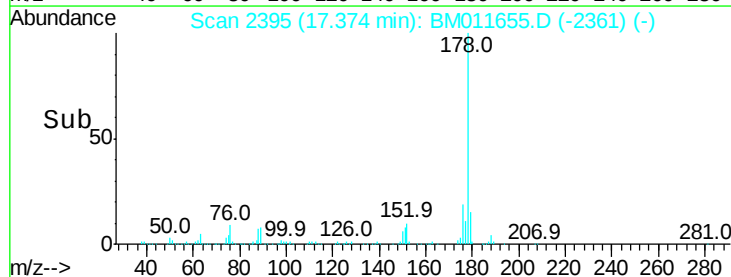
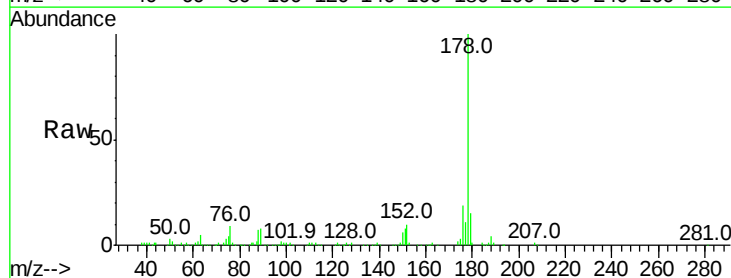
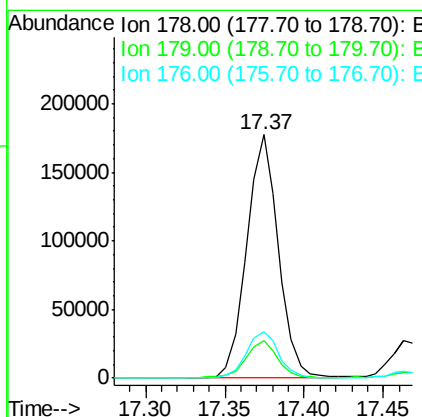
Manual Integrations
APPROVED

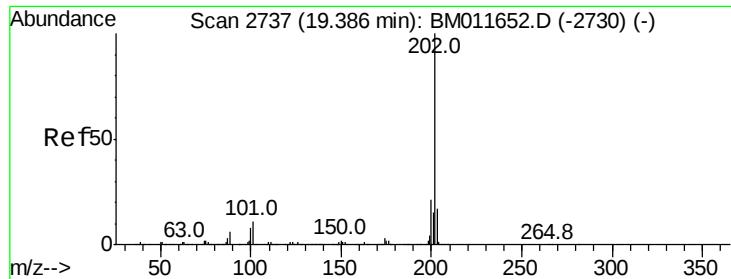
Sohil
9/22/2017 4:06:05 PM



#70
Phenanthrene
Concen: 3.383 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011655.D
Acq: 21 Sep 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	246316		
179	15.3		12.3	18.5
176	19.1		15.4	23.0





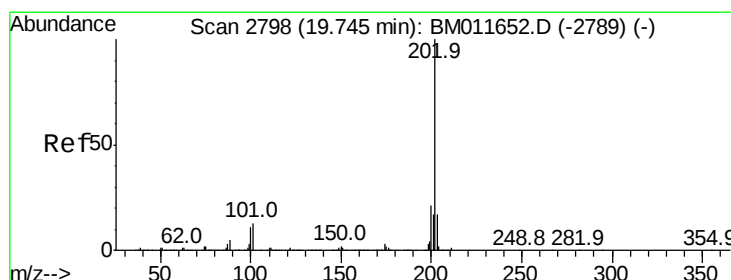
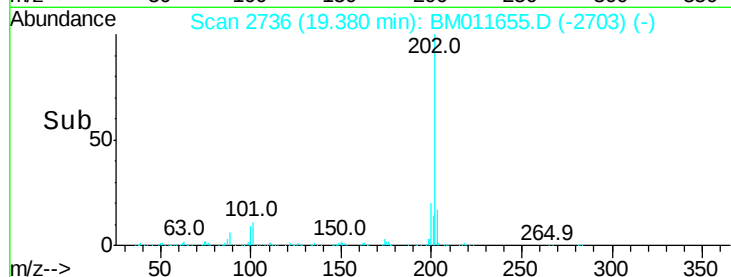
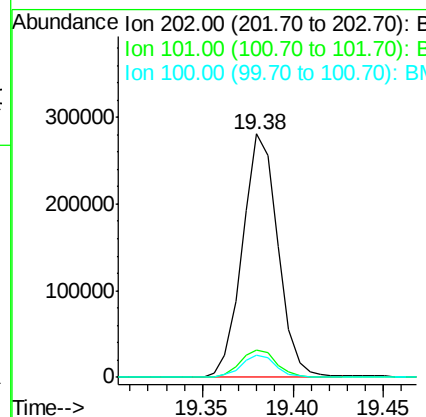
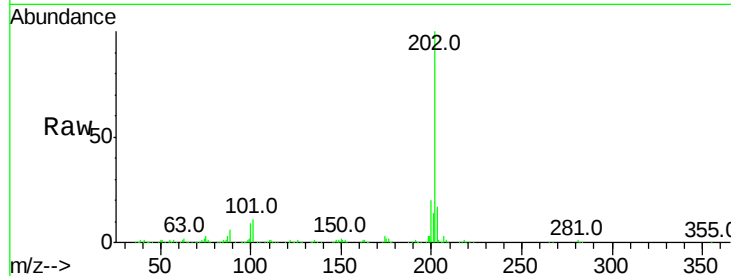
#77
Fluoranthene
 Concen: 5.119 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.01 min
 Lab File: BM011655.D
 Acq: 21 Sep 2017 15:59

Instrument :
 BNA_M
 ClientSampleId :
 CB3C9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	6.1	9.1#
100	8.9	4.6	7.0#

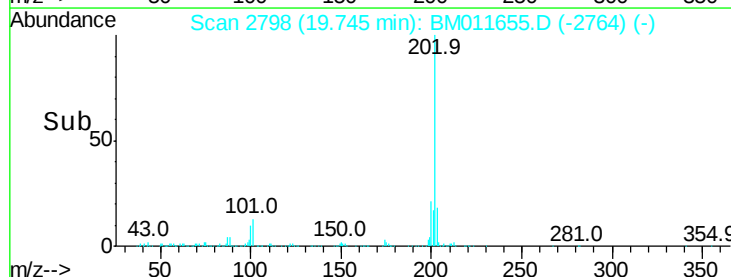
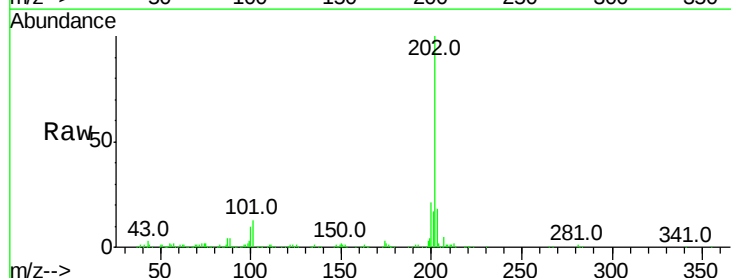
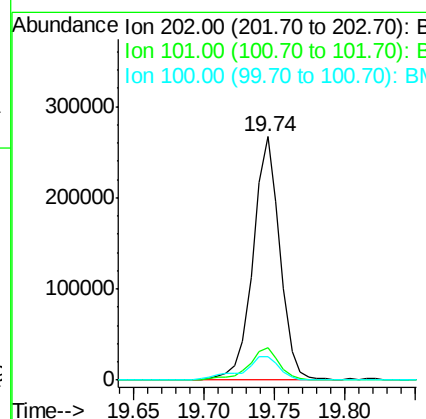
Manual Integrations
 APPROVED

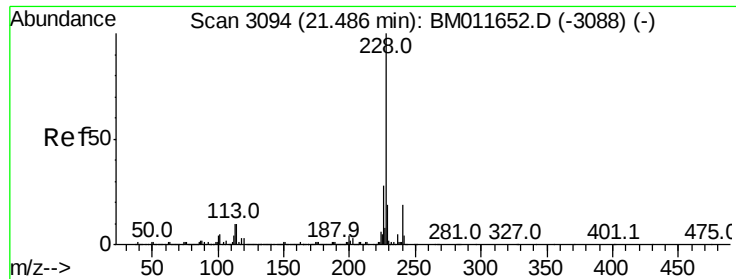
Sohil
 9/22/2017 4:06:05 PM



#80
Pyrene
 Concen: 4.182 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011655.D
 Acq: 21 Sep 2017 15:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	6.9	10.3#
100	9.9	5.6	8.4#





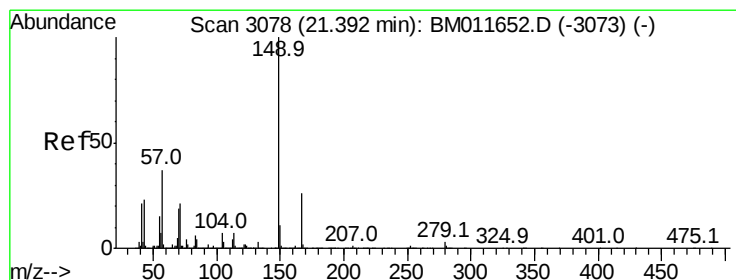
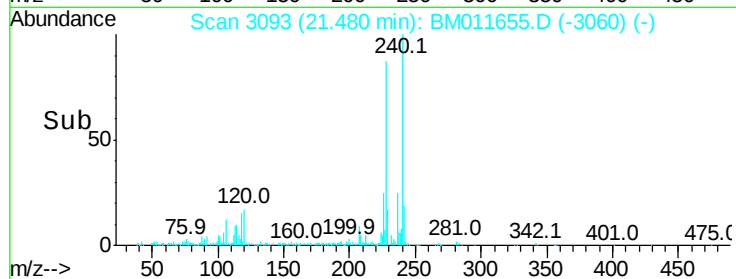
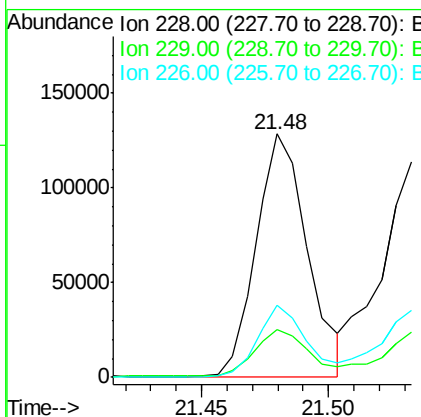
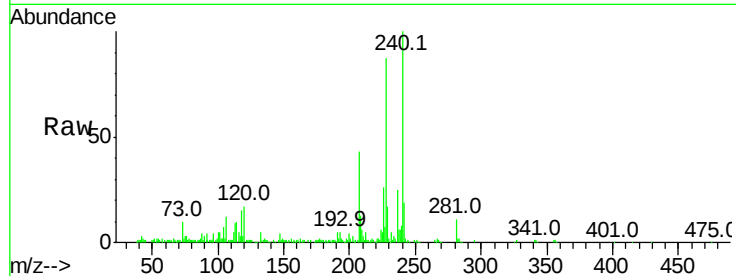
#83
Benzo(a)anthracene
Concen: 2.253 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011655.D
Acq: 21 Sep 2017 15:59

Instrument :
BNA_M
ClientSampleId :
CB3C9

Tot Ion	Ratio	Resp	Lower	Upper
228	100	181400		
229	19.9	16.0	24.0	
226	29.6	21.8	32.8	

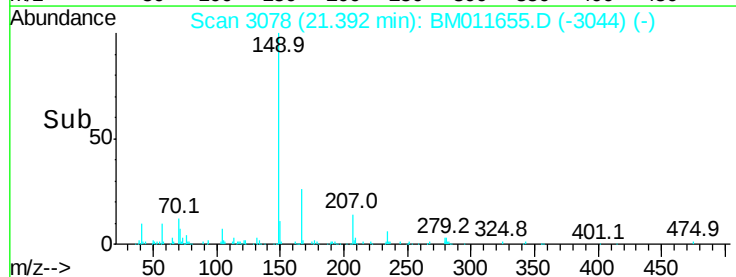
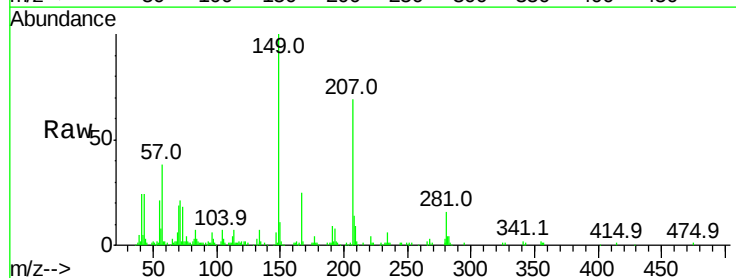
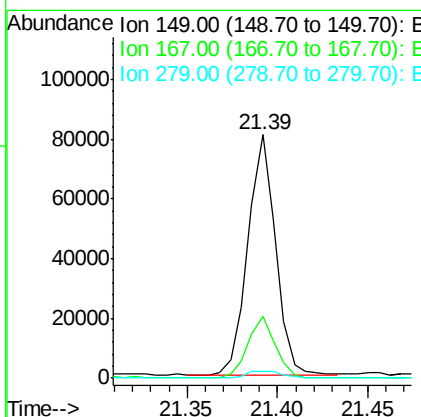
Manual Integrations
APPROVED

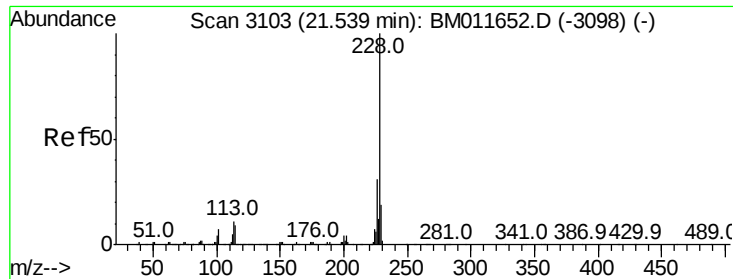
Sohil
9/22/2017 4:06:05 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.424 ng/ul
RT: 21.39 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM011655.D
Acq: 21 Sep 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	85816		
167	25.4	23.0	34.6	
279	2.8	4.3	6.5#	





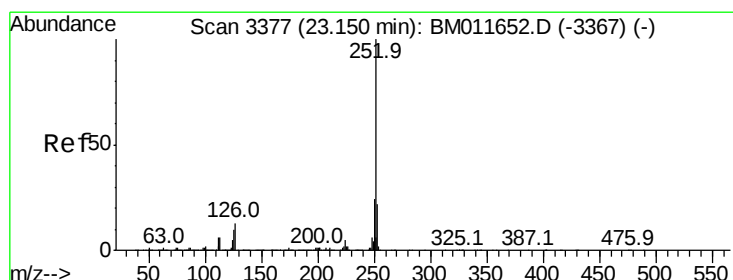
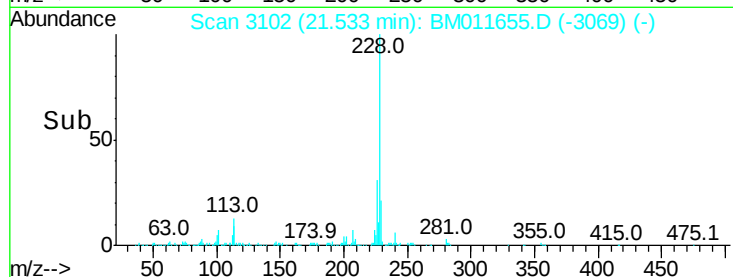
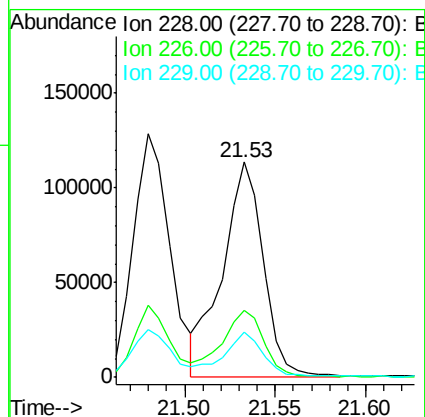
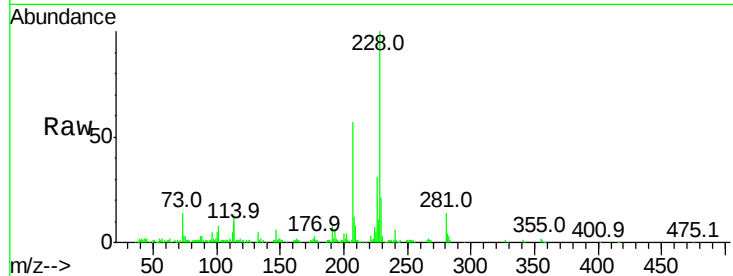
#85
Chrysene
Concen: 2.460 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011655.D
Acq: 21 Sep 2017 15:59

Instrument :
BNA_M
ClientSampleId :
CB3C9

Tot Ion:	228	Resp:	179565
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.1	36.1
229	21.2	16.0	24.0

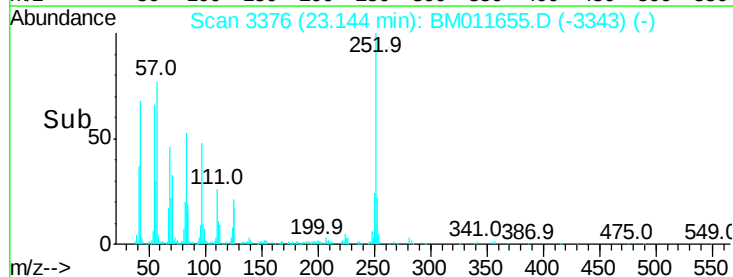
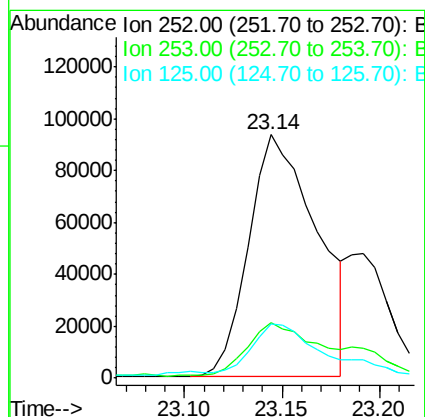
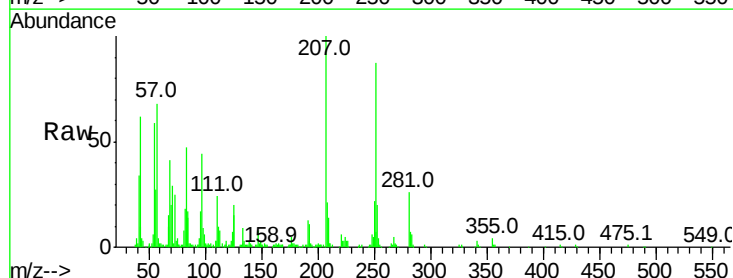
Manual Integrations
APPROVED

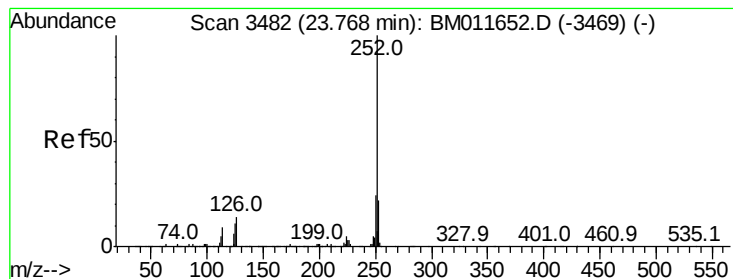
Sohil
9/22/2017 4:06:05 PM



#88
Benzo(b)fluoranthene
Concen: 2.560 ng/ul
RT: 23.14 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM011655.D
Acq: 21 Sep 2017 15:59

Tgt Ion:	252	Resp:	226125
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	22.4	4.9	7.3#





#91
 Benzo(a)pyrene
 Concen: 1.592 ng/ul
 RT: 23.76 min Scan# 3481
 Delta R.T. -0.01 min
 Lab File: BM011655.D
 Acq: 21 Sep 2017 15:59

Instrument :
 BNA_M
 ClientSampleId :
 CB3C9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	17.2	25.8
125	14.1	5.8	8.6

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:06:05 PM

