

Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-23(0-1)-100517

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM

Quant Time: Jun 25 06:42:16 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 23:09:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	170383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	666346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	496694	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	856427	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	950868	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1005026	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8640	2.41	ng/uL	0.00
5) Phenol-d5	6.95	99	172771	12.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	116256	14.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	171614	14.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	148529	12.48	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	81419	16.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	92845	15.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	165752	14.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	119610	11.27	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	733490	16.71	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	944026	17.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	30996m	4.70	ng/ul	0.05
57) Fluorene-d10	15.43	176	647823	17.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	42558	7.24	ng/ul	0.01
70) Anthracene-d10	17.28	188	752995	17.78	ng/ul	0.00
76) Pyrene-d10	19.57	212	870024	18.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	878744	18.14	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.98	94	38048	2.662	ng/ul	96
44) Dimethylphthalate	13.89	163	485909m	11.048	ng/ul	
69) Phenanthrene	17.22	178	490229	10.062	ng/ul	99
71) Anthracene	17.32	178	108538	2.152	ng/ul	98
72) Carbazole	17.60	167	47945	1.123	ng/ul	99
74) Fluoranthene	19.24	202	1150439	19.567	ng/ul	98
77) Pyrene	19.60	202	1030602	16.412	ng/ul	98
80) Benzo(a)anthracene	21.34	228	602685	9.741	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	120075	2.863	ng/ul	98
82) Chrysene	21.40	228	628353	10.817	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	1014841	15.473	ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	271442m	4.295	ng/ul	
88) Benzo(a)pyrene	23.56	252	633662	10.251	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.00	276	525105	7.999	ng/ul	98
90) Dibenzo(a,h)anthracene	26.00	278	125501	2.274	ng/ul#	84
91) Benzo(g,h,i)perylene	26.72	276	454972	8.462	ng/ul	97

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

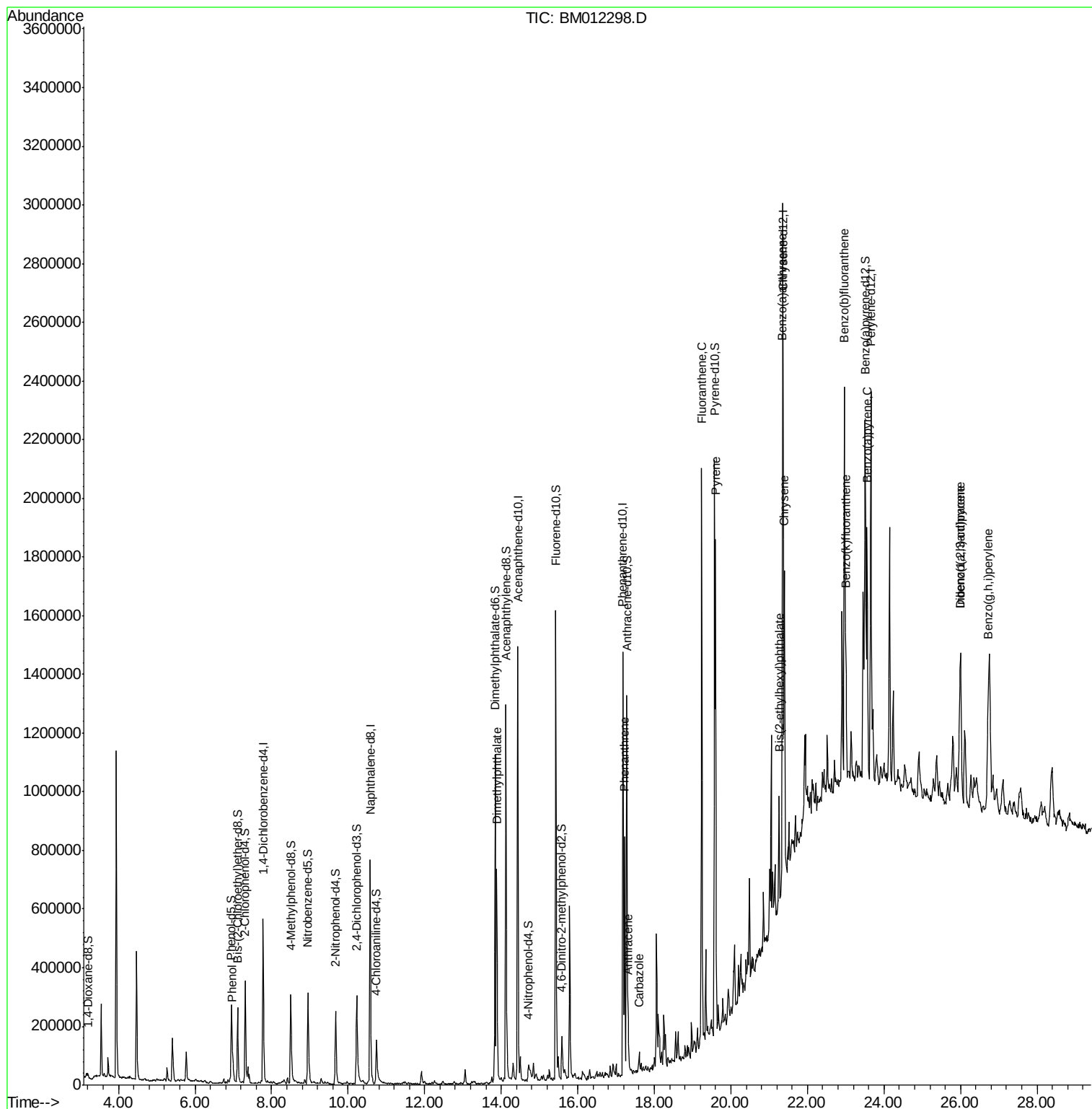
Data File : BM012298.D
Acq On : 19 Oct 2017 02:38
Operator : SJ/JU
Sample : I5747-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

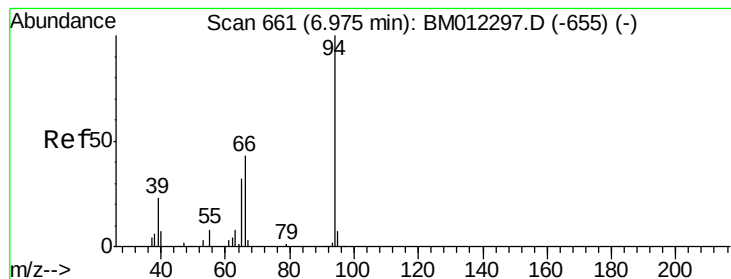
Instrument :
BNA_M
ClientSampleId :
B-23(0-1)-100517

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM

Quant Time: Jun 25 06:42:16 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 23:09:30 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.662 ng/ul

RT: 6.98 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Instrument :

BNA_M

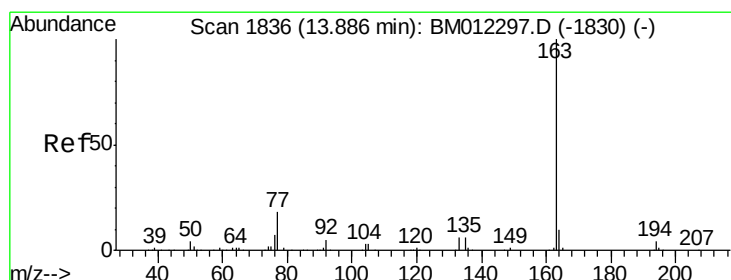
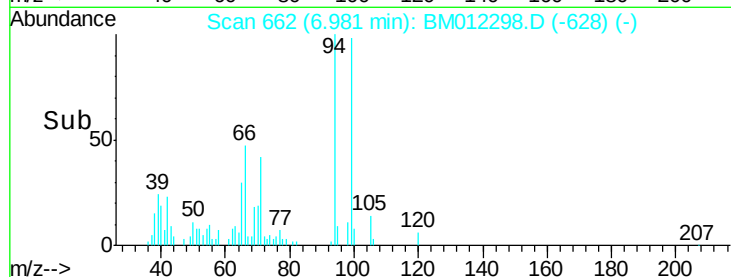
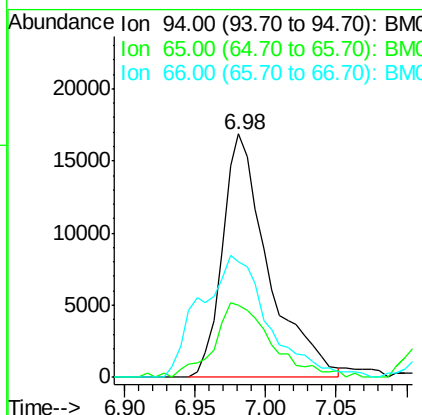
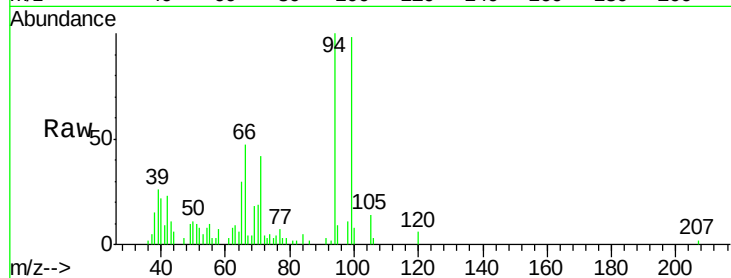
ClientSampleId :

B-23(0-1)-100517

Tgt Ion:	94	Resp:	38048
Ion Ratio	Lower	Upper	
94	100		
65	29.6	24.4	36.6
66	47.4	35.0	52.4

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM



#44

Dimethylphthalate

Concen: 11.048 ng/ul m

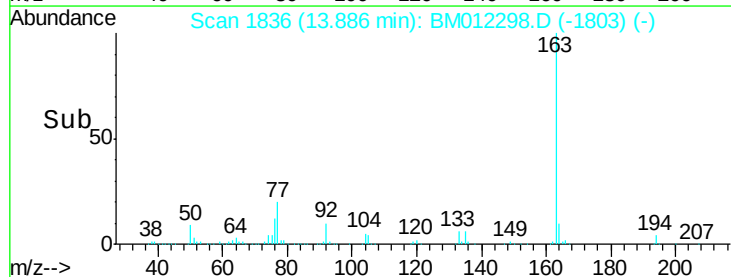
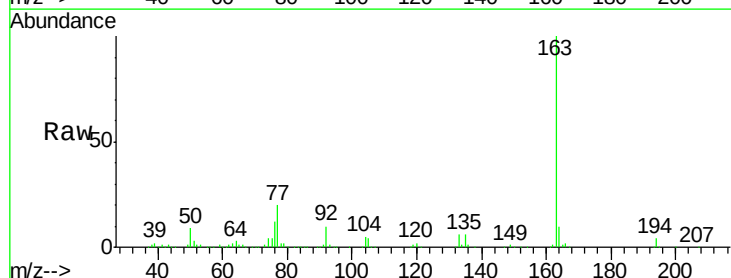
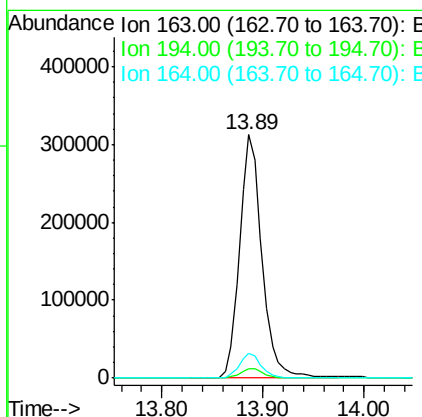
RT: 13.89 min Scan# 1836

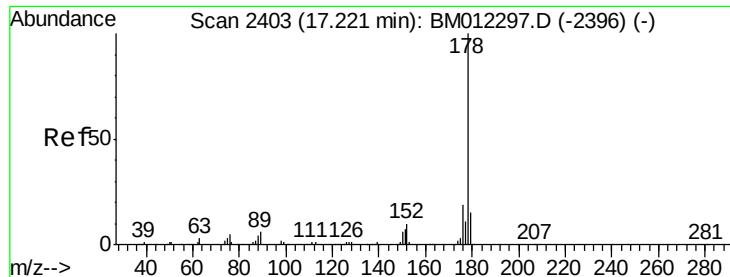
Delta R.T. -0.01 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Tgt Ion:	163	Resp:	485909
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	10.2	8.1	12.1





#69

Phenanthrene

Concen: 10.062 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Instrument :

BNA_M

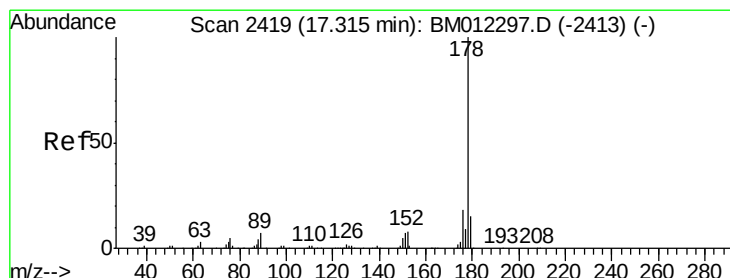
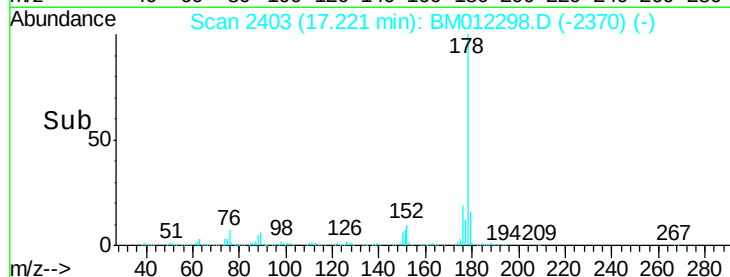
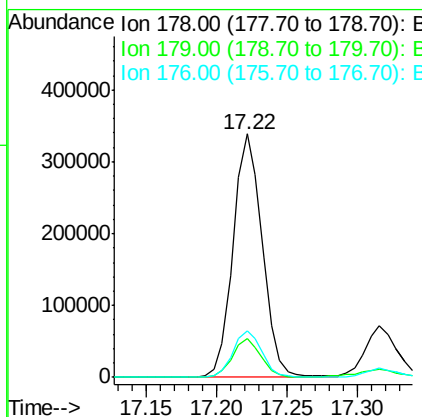
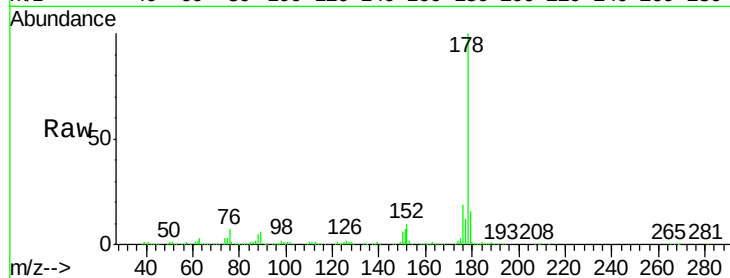
ClientSampleId :

B-23(0-1)-100517

Tgt Ion:	178	Resp:	490229
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.0	18.0
176	19.1	15.0	22.6

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM



#71

Anthracene

Concen: 2.152 ng/ul

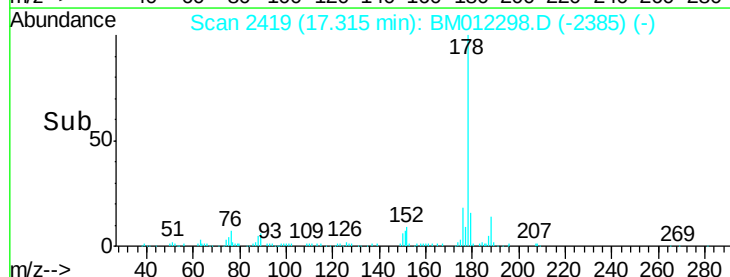
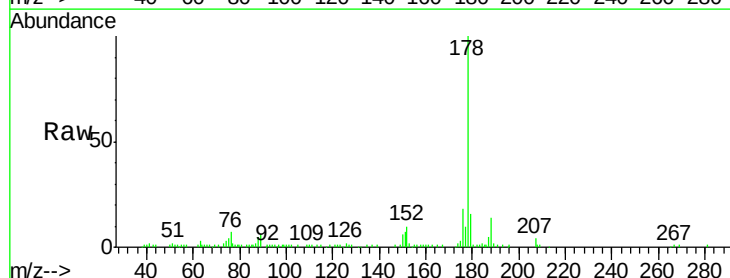
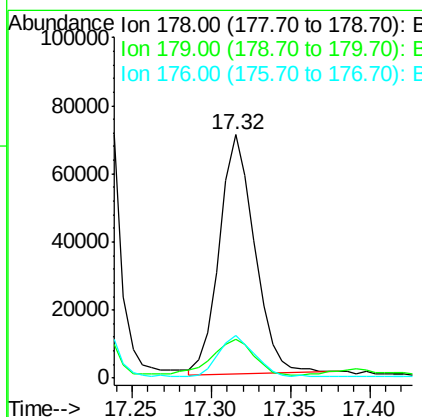
RT: 17.32 min Scan# 2419

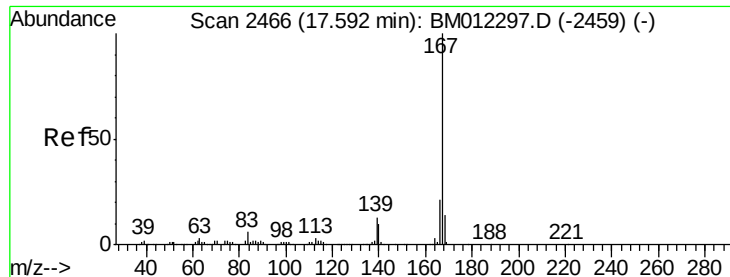
Delta R.T. -0.00 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Tgt Ion:	178	Resp:	108538
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	17.6	14.7	22.1





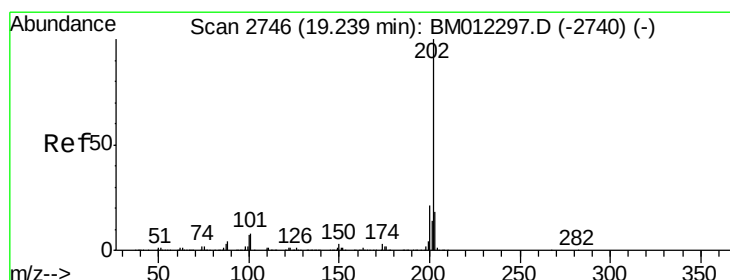
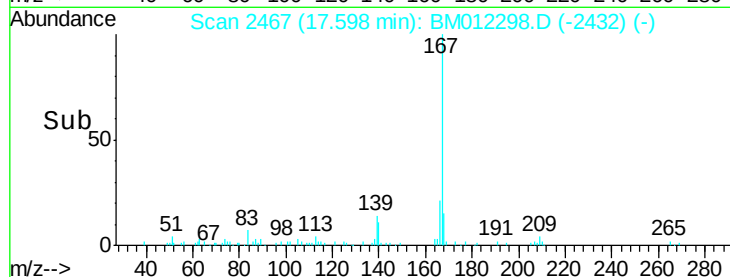
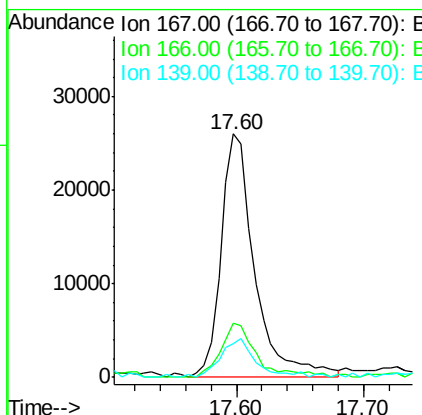
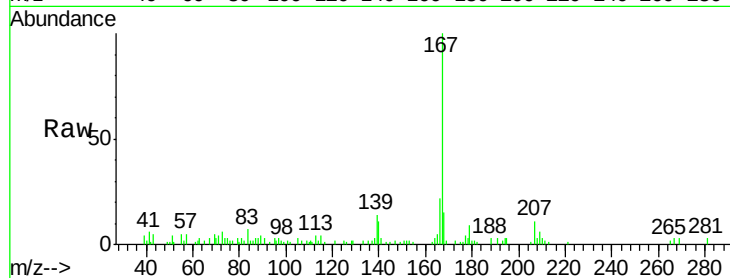
#72
 Carbazole
 Concen: 1.123 ng/ul
 RT: 17.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BM012298.D
 Acq: 19 Oct 2017 02:38

Instrument :
 BNA_M
 ClientSampleId :
 B-23(0-1)-100517

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	47945		
166	22.2		17.8	26.6
139	13.7		10.6	15.8

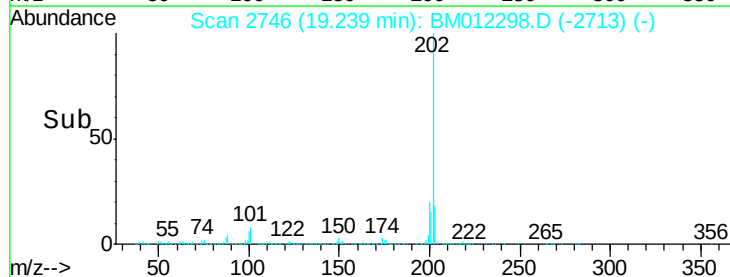
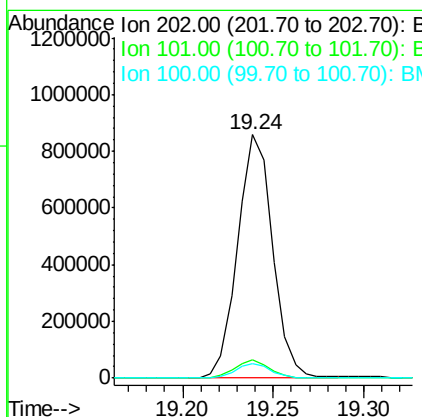
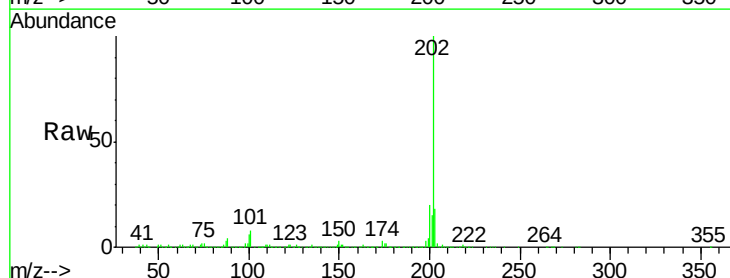
Manual Integrations
 APPROVED

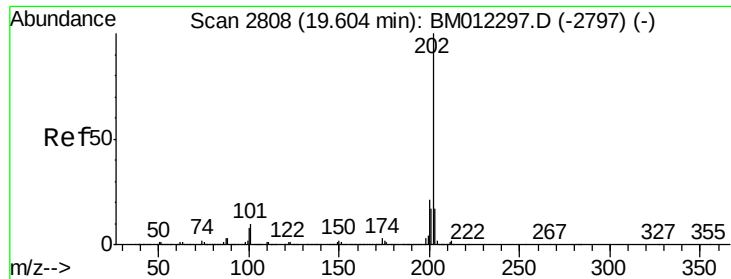
Sohil
 10/23/2017 3:49:48 PM



#74
 Fluoranthene
 Concen: 19.567 ng/ul
 RT: 19.24 min Scan# 2746
 Delta R.T. -0.01 min
 Lab File: BM012298.D
 Acq: 19 Oct 2017 02:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1150439		
101	7.7		5.8	8.6
100	6.1		4.3	6.5





#77

Pyrene

Concen: 16.412 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Instrument :

BNA_M

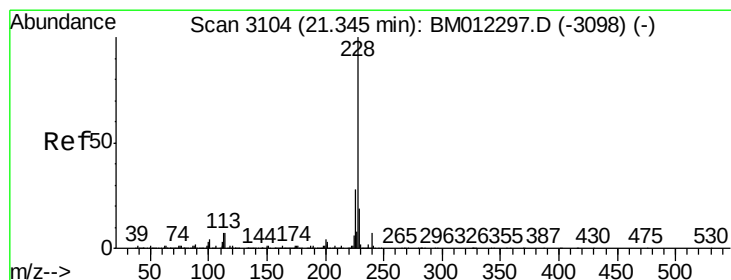
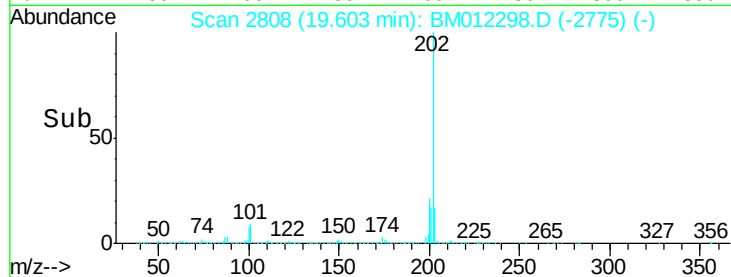
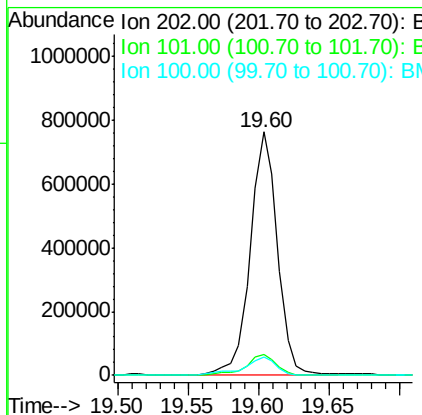
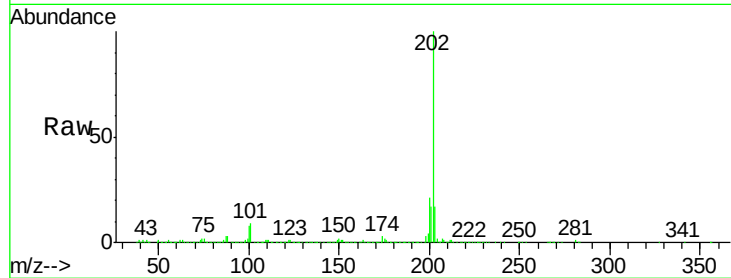
ClientSampleId :

B-23(0-1)-100517

Tgt Ion:	202	Resp:	1030602
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.5	9.7
100	7.7	5.6	8.4

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM



#80

Benzo(a)anthracene

Concen: 9.741 ng/ul

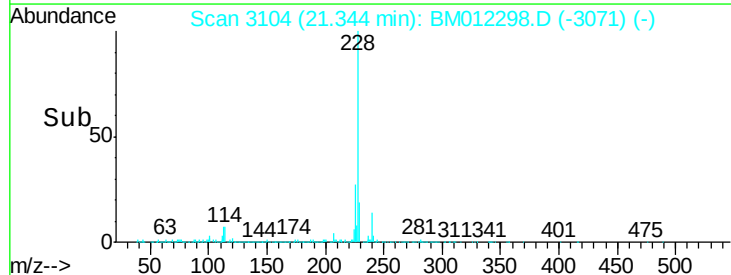
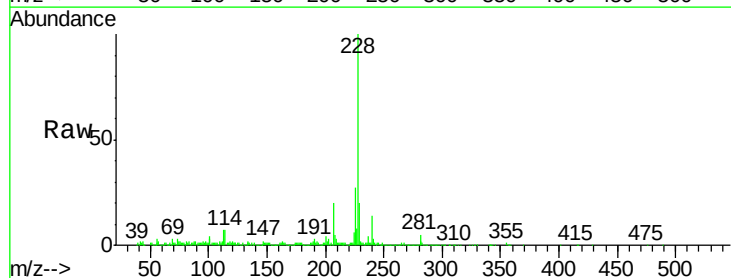
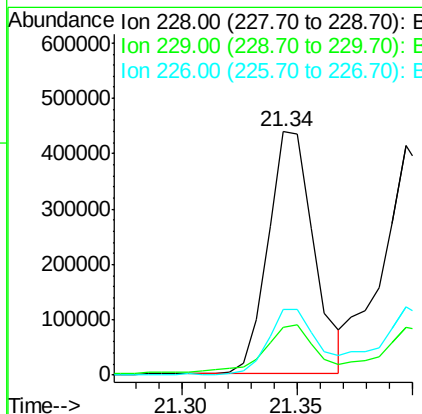
RT: 21.34 min Scan# 3104

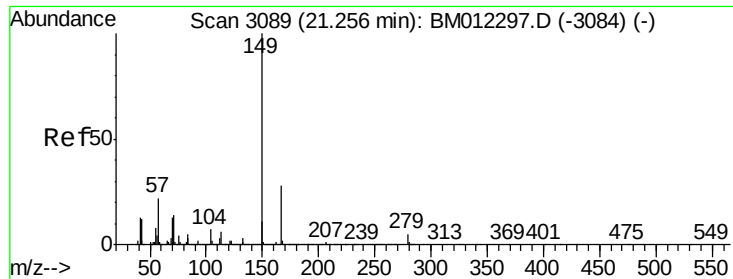
Delta R.T. -0.01 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Tgt Ion:	228	Resp:	602685
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.8	23.8
226	27.1	21.4	32.2





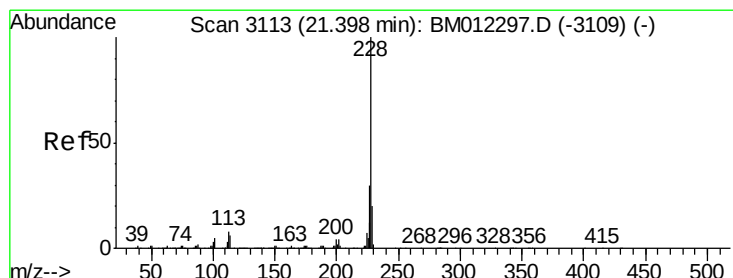
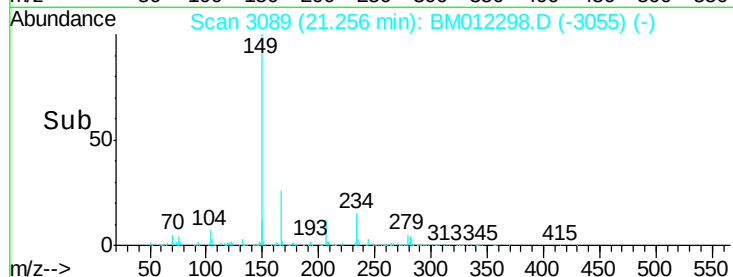
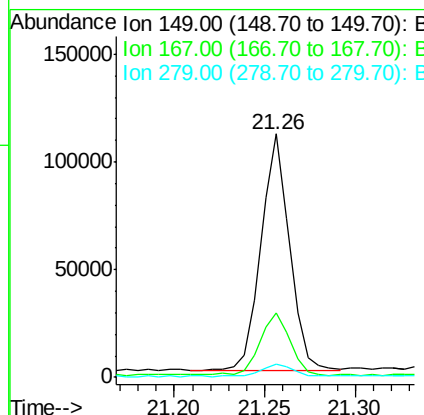
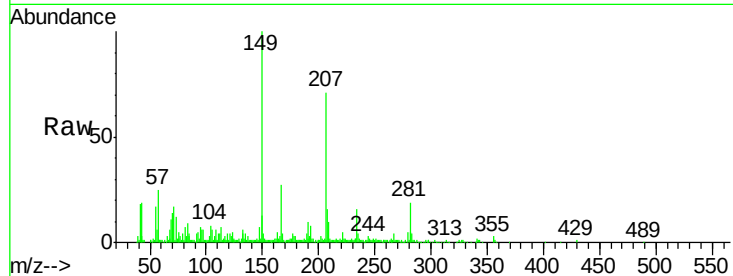
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.863 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM012298.D
 Acq: 19 Oct 2017 02:38

Instrument :
 BNA_M
 ClientSampleId :
 B-23(0-1)-100517

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.6	22.5	33.7
279	5.3	4.4	6.6

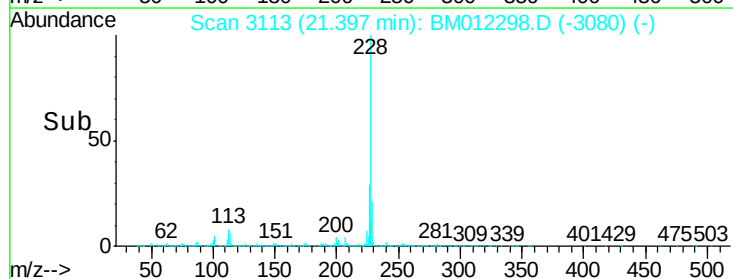
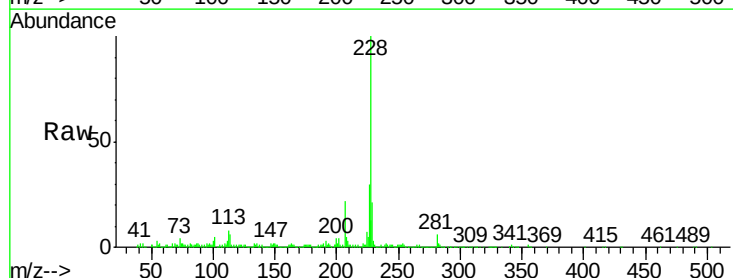
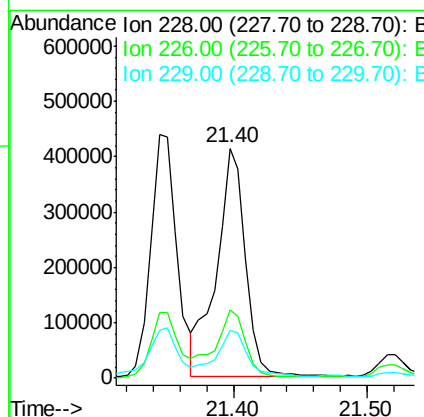
Manual Integrations
 APPROVED

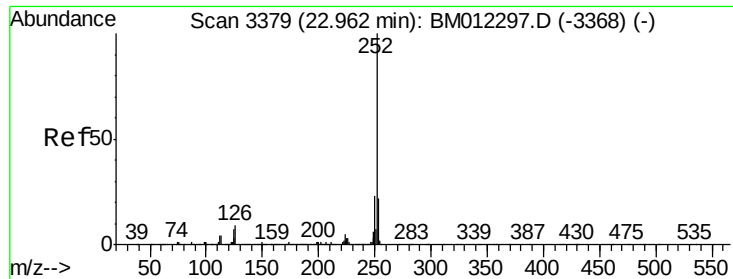
Sohil
 10/23/2017 3:49:48 PM



#82
 Chrysene
 Concen: 10.817 ng/ul
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BM012298.D
 Acq: 19 Oct 2017 02:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.5	24.0	36.0
229	21.0	15.5	23.3





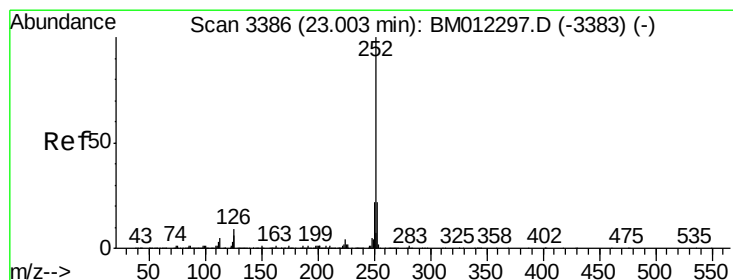
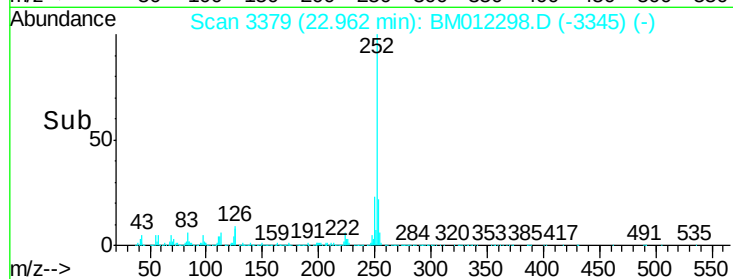
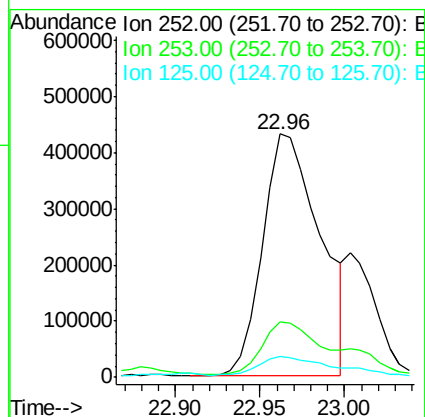
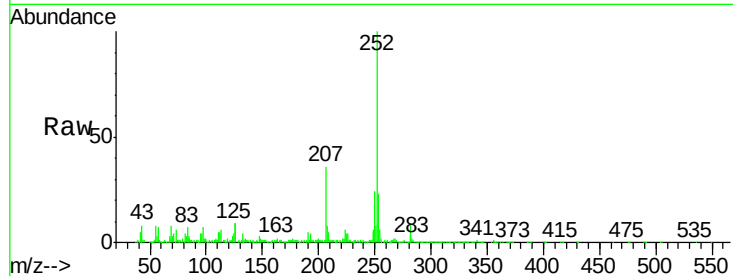
#85
Benzo(b)fluoranthene
Concen: 15.473 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM012298.D
Acq: 19 Oct 2017 02:38

Instrument :
BNA_M
ClientSampleId :
B-23(0-1)-100517

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	8.5	5.1	7.7#

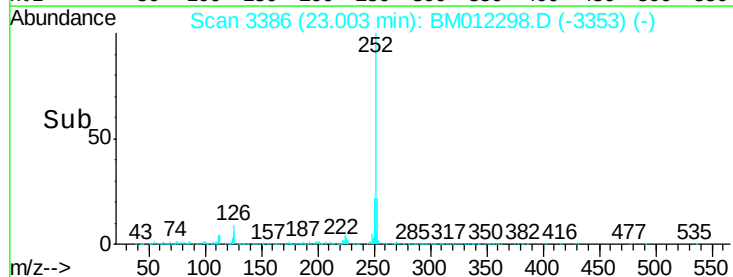
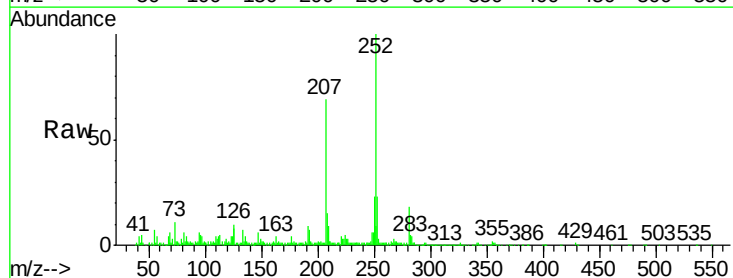
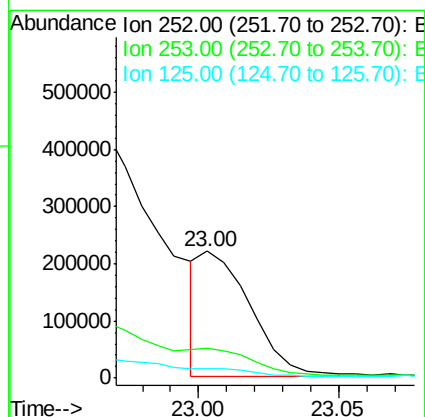
Manual Integrations
APPROVED

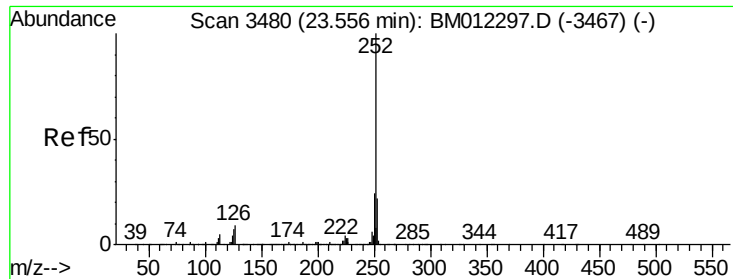
Sohil
10/23/2017 3:49:48 PM



#86
Benzo(k)fluoranthene
Concen: 4.295 ng/ul m
RT: 23.00 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM012298.D
Acq: 19 Oct 2017 02:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	7.8	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 10.251 ng/ul

RT: 23.56 min Scan# 3480

Delta R.T. -0.00 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Instrument :

BNA_M

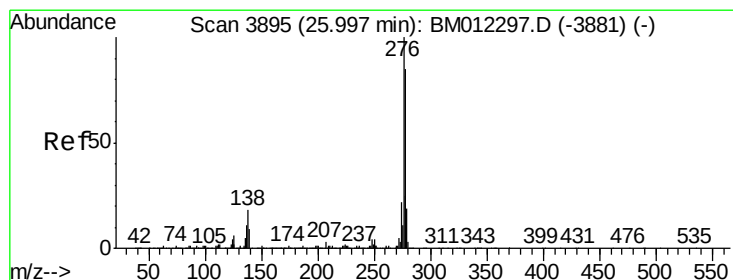
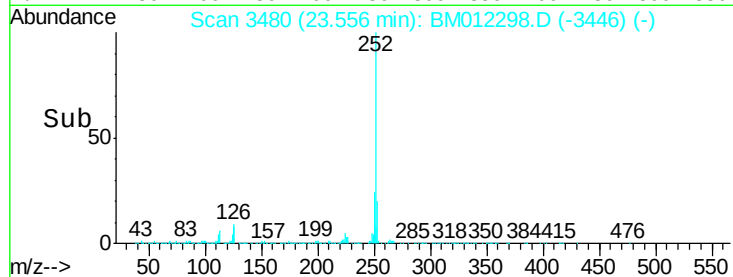
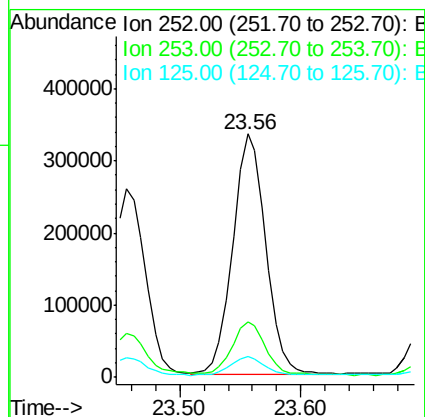
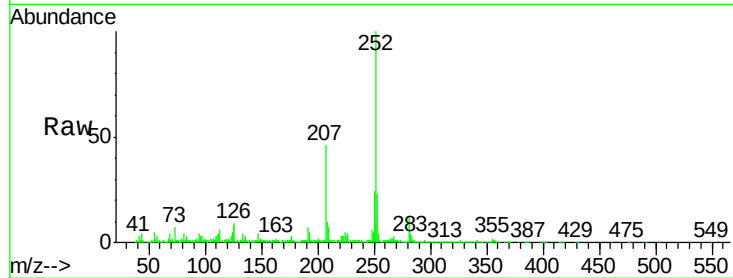
ClientSampleId :

B-23(0-1)-100517

Tgt Ion:	252	Resp:	633662
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	8.4	5.2	7.8#

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 7.999 ng/ul

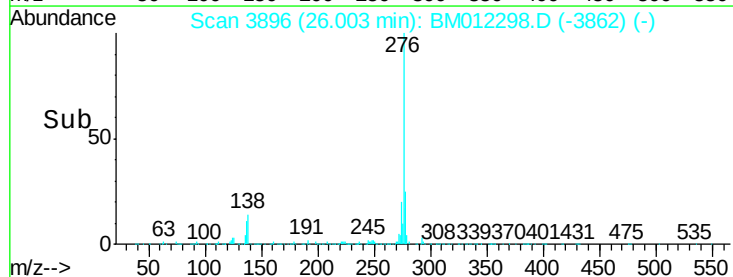
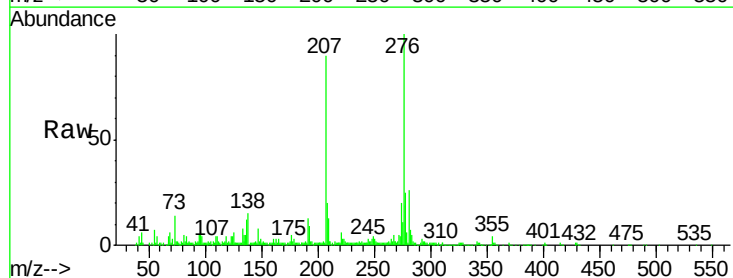
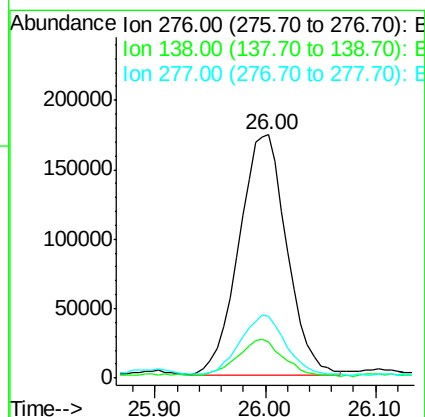
RT: 26.00 min Scan# 3896

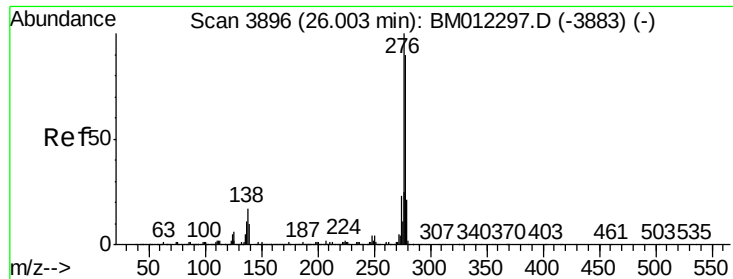
Delta R.T. -0.00 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Tgt Ion:	276	Resp:	525105
Ion Ratio	Lower	Upper	
276	100		
138	14.8	13.2	19.8
277	25.4	20.6	31.0





#90

Dibenzo(a,h)anthracene

Concen: 2.274 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Instrument :

BNA_M

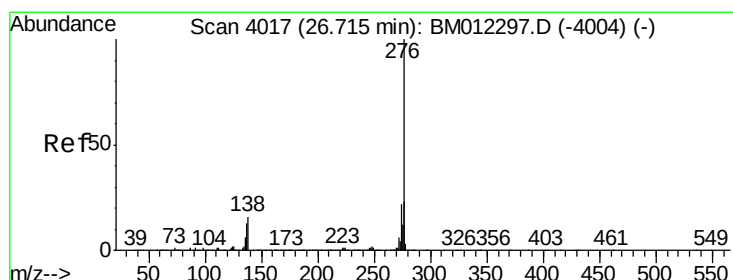
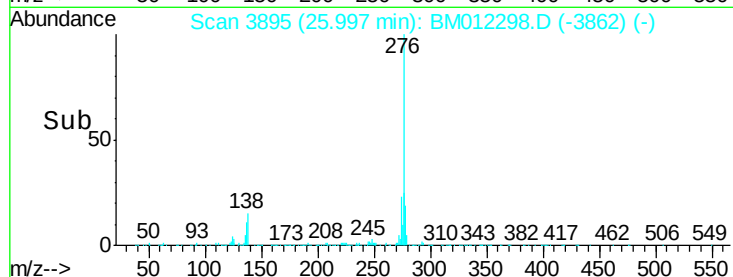
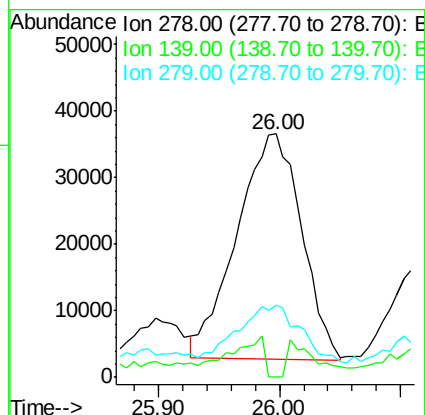
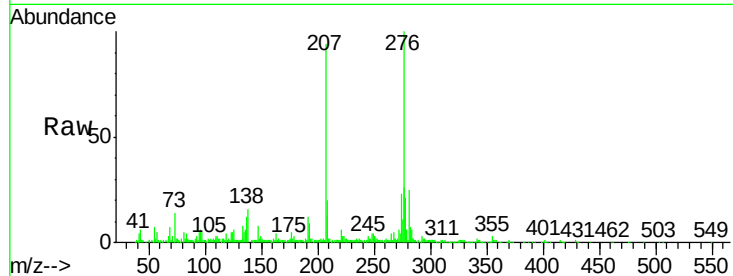
ClientSampleId :

B-23(0-1)-100517

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	0.0	8.3	12.5#	
279	29.8	19.3	28.9#	

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:48 PM



#91

Benzo(g,h,i)perylene

Concen: 8.462 ng/ul

RT: 26.72 min Scan# 4018

Delta R.T. -0.01 min

Lab File: BM012298.D

Acq: 19 Oct 2017 02:38

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	15.6	10.7	16.1	
277	24.6	19.0	28.4	

