

Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(0-1)-100417

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:17 PM

Quant Time: Oct 19 15:59:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	304889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1229435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	654994	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1252576	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1291624	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1434469	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	5660	0.88	ng/uL	0.00
5) Phenol-d5	6.97	99	93538	3.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	75318	5.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	92943	4.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	79468	3.73	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	42313	4.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	47187	4.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	83927	4.01	ng/ul	0.02
29) 4-Chloroaniline-d4	10.73	131	141	0.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	285734	4.94	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	344992	4.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	21516m	2.47	ng/ul	0.06
57) Fluorene-d10	15.43	176	226210	4.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	1992	0.23	ng/ul	0.03
70) Anthracene-d10	17.29	188	311043	5.02	ng/ul	0.00
76) Pyrene-d10	19.59	212	318223	4.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	344141	4.98	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.63	128	102435	1.610	ng/ul	98
44) Dimethylphthalate	13.89	163	149756	2.582	ng/ul	99
49) Acenaphthene	14.50	153	76463	1.650	ng/ul	95
58) Fluorene	15.49	166	60883	1.098	ng/ul	97
69) Phenanthrene	17.23	178	1390589	19.515	ng/ul	99
71) Anthracene	17.32	178	313055	4.244	ng/ul	99
72) Carbazole	17.60	167	125010	2.002	ng/ul	97
74) Fluoranthene	19.25	202	2482717	28.872	ng/ul#	95
77) Pyrene	19.62	202	2383320	27.940	ng/ul#	94
80) Benzo(a)anthracene	21.36	228	1368558	16.284	ng/ul	98
82) Chrysene	21.41	228	1346041	17.059	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	2418202	25.832	ng/ul#	95
86) Benzo(k)fluoranthene	23.02	252	720302m	7.985	ng/ul	
88) Benzo(a)pyrene	23.58	252	1663105	18.850	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.04	276	1412449	15.075	ng/ul	99
90) Dibenzo(a,h)anthracene	26.03	278	347776	4.415	ng/ul#	80
91) Benzo(g,h,i)perylene	26.76	276	1220328	15.902	ng/ul#	93

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

Data File : BM012309.D

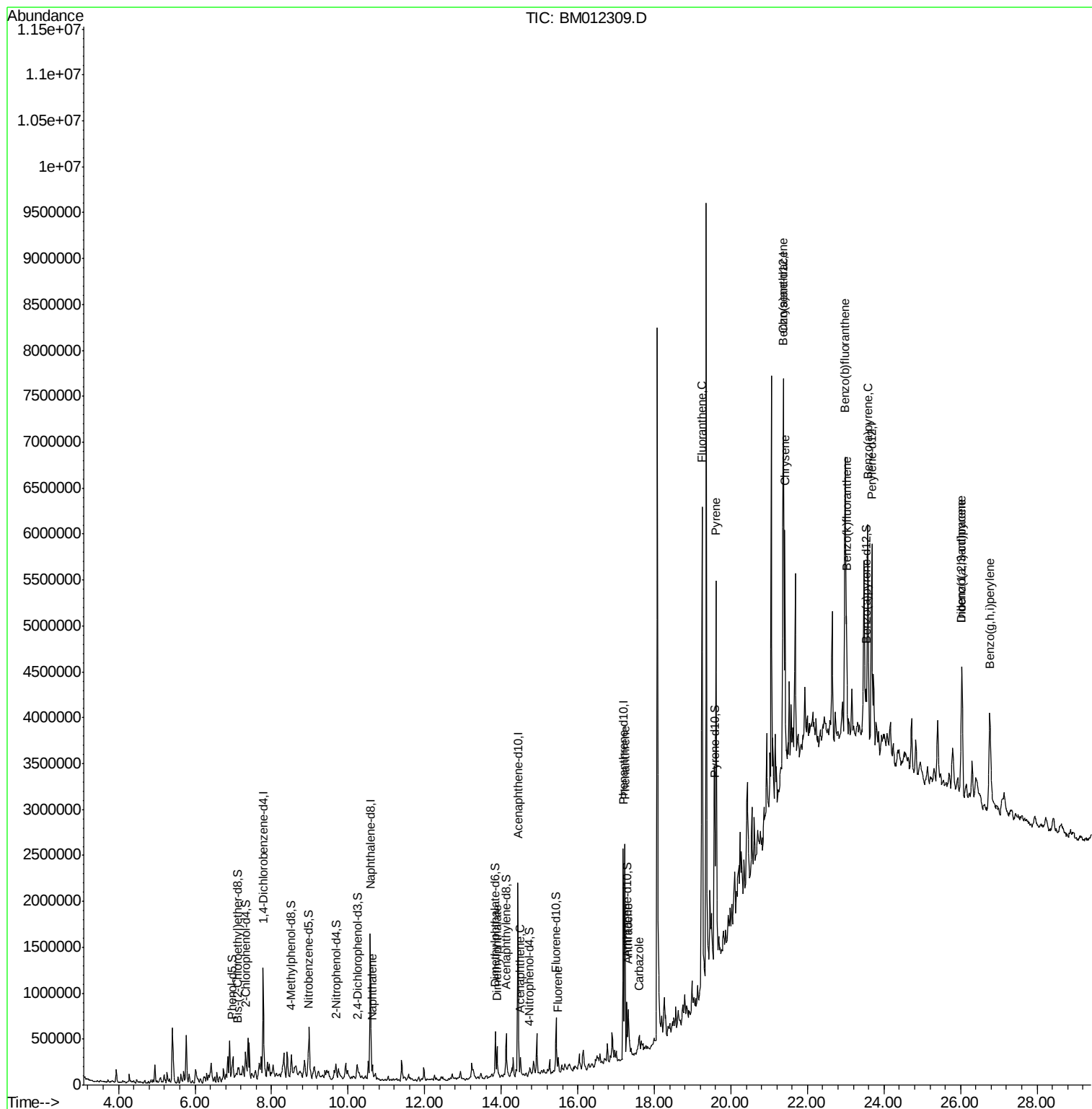
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Acq On      : 19 Oct 2017   09:12
Operator    : SJ/JU
Sample      : I5693-07 5X
Misc        :
ALS Vial    : 28      Sample Multip
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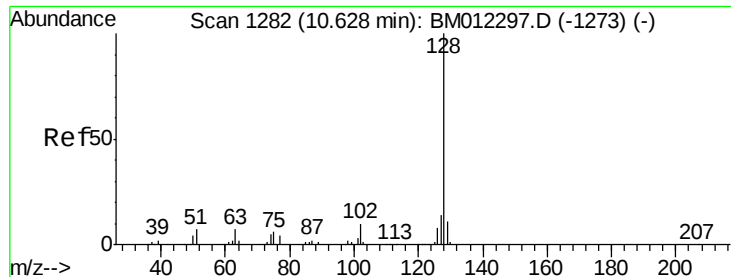
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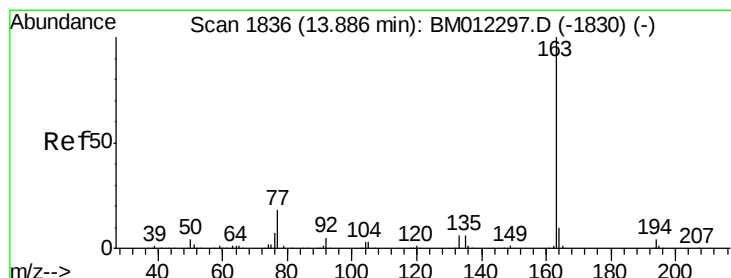
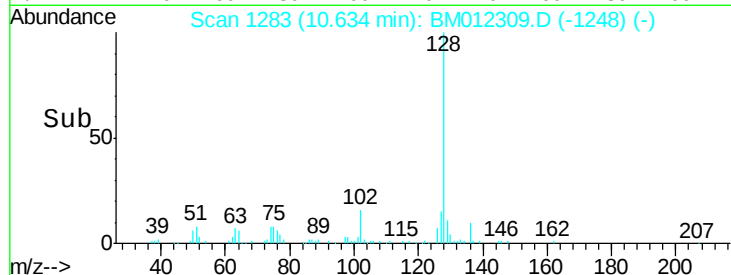
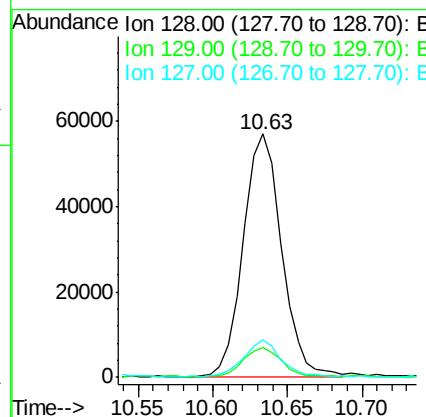
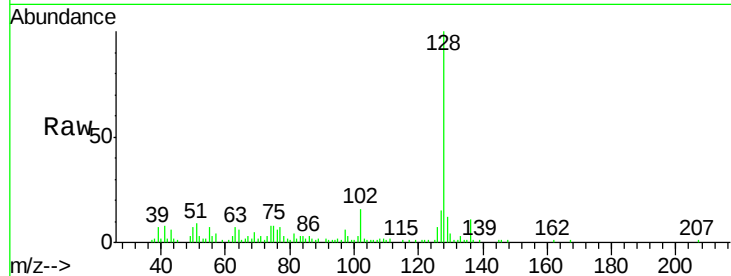
#28
Naphthalene
Concen: 1.610 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM012309.D
Acq: 19 Oct 2017 09:12

Instrument :
BNA_M
ClientSampleId :
B-30(0-1)-100417

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	15.2	11.4	17.0

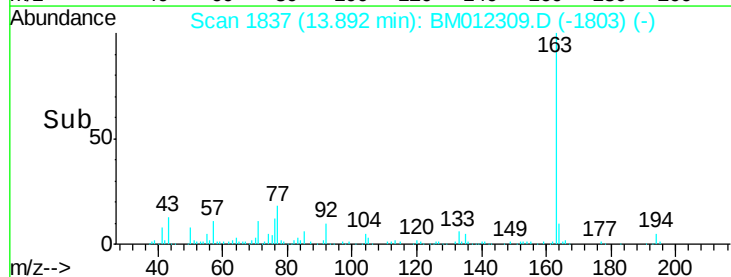
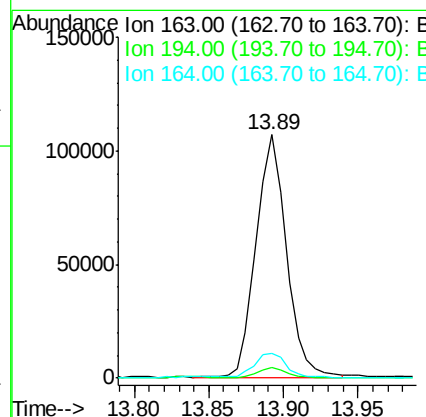
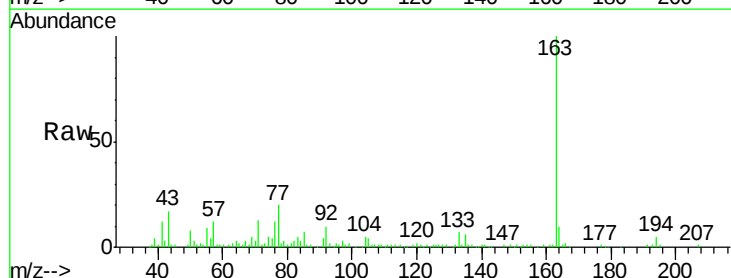
Manual Integrations
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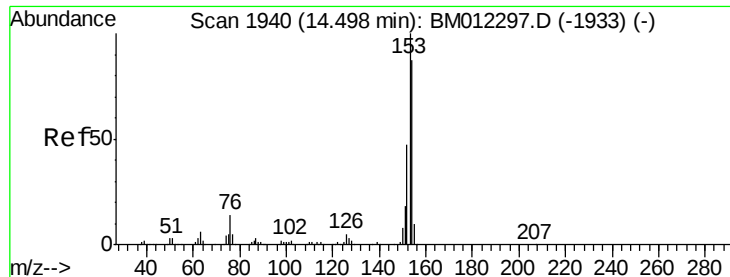
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#44
Dimethylphthalate
Concen: 2.582 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM012309.D
Acq: 19 Oct 2017 09:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.4	8.1	12.1





#49

Acenaphthene

Concen: 1.650 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Instrument :

BNA_M

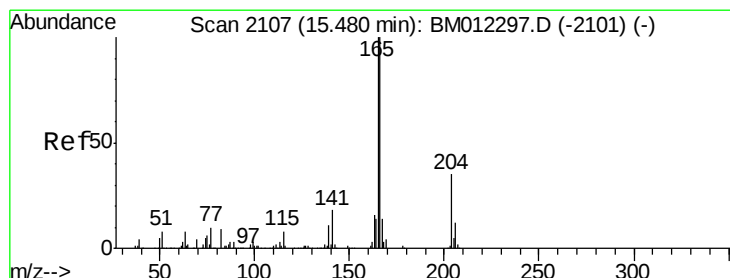
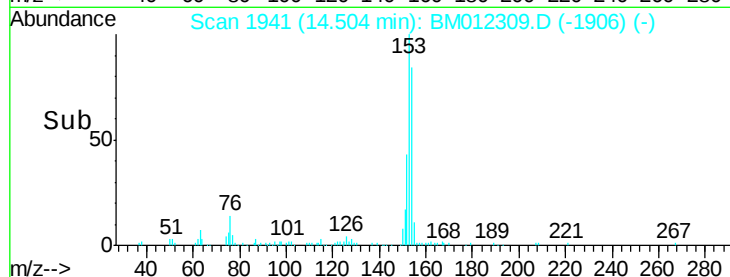
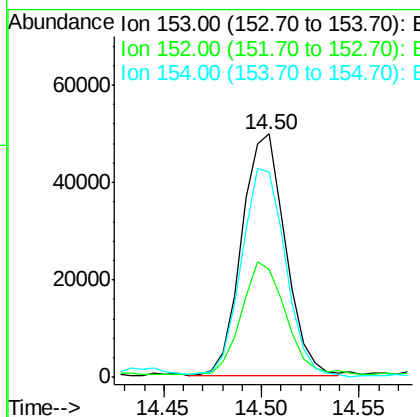
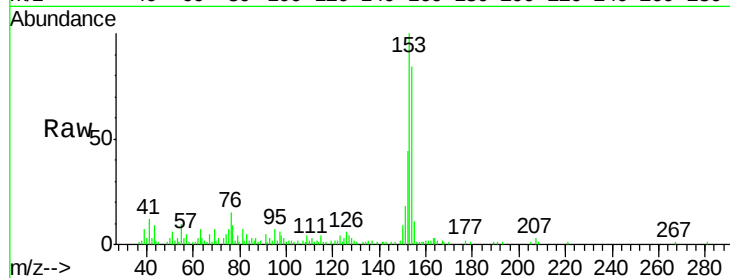
ClientSampleId :

B-30(0-1)-100417

Tgt Ion:	153	Resp:	76463
Ion Ratio	Lower	Upper	
153	100		
152	44.2	37.4	56.0
154	84.3	71.1	106.7

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#58

Fluorene

Concen: 1.098 ng/ul

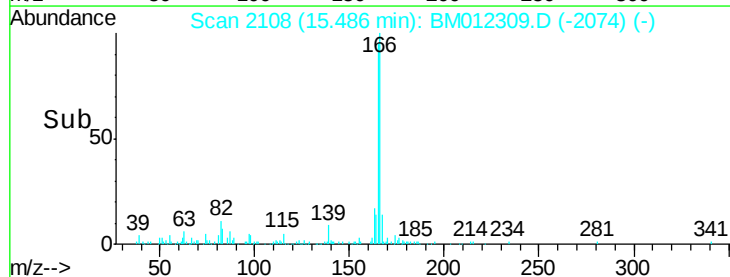
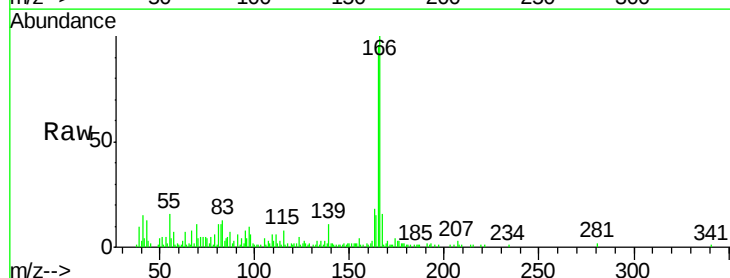
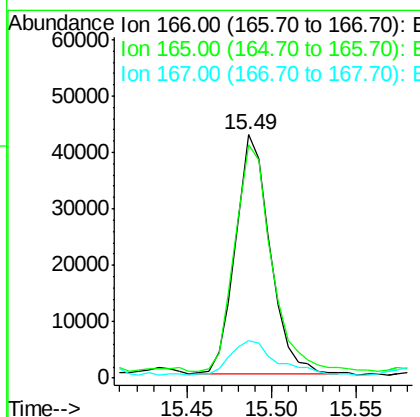
RT: 15.49 min Scan# 2108

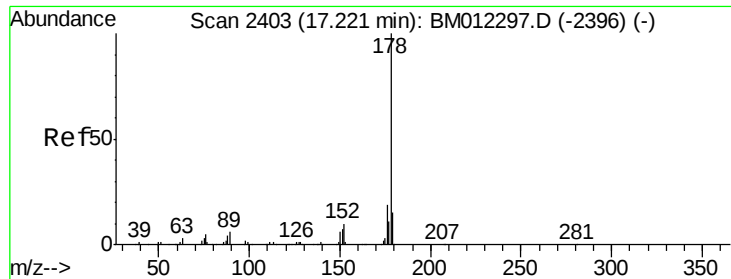
Delta R.T. 0.00 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Tgt Ion:	166	Resp:	60883
Ion Ratio	Lower	Upper	
166	100		
165	95.9	79.0	118.6
167	15.6	10.8	16.2





#69

Phenanthrene

Concen: 19.515 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Instrument :

BNA_M

ClientSampleId :

B-30(0-1)-100417

Tgt Ion:178 Resp: 1390589

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

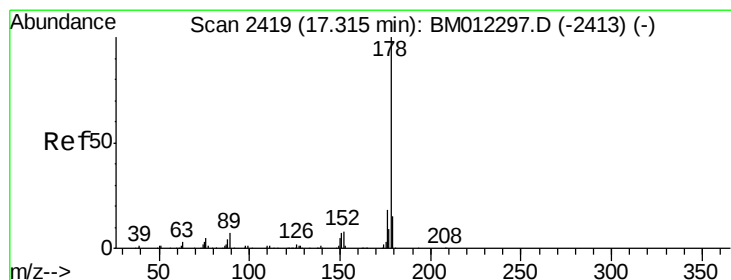
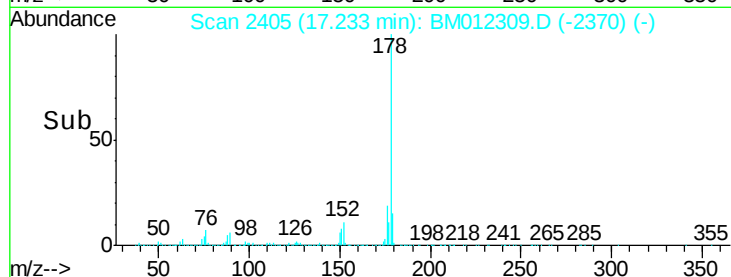
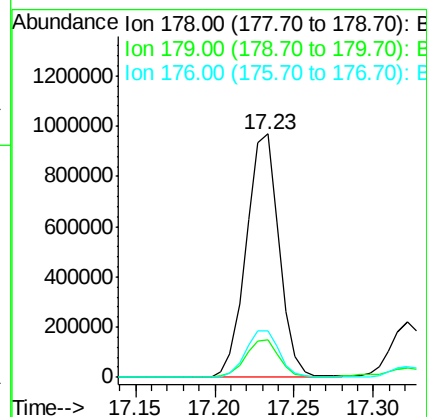
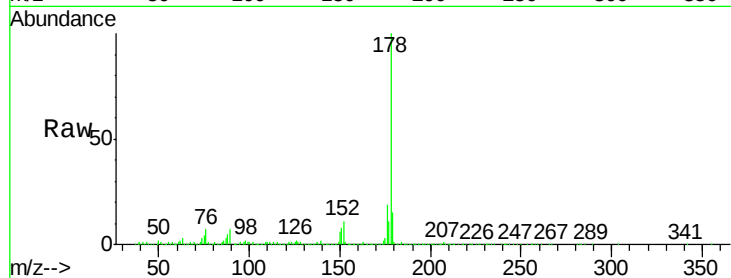
176 19.2 15.0 22.6

Manual Integrations

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#71

Anthracene

Concen: 4.244 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

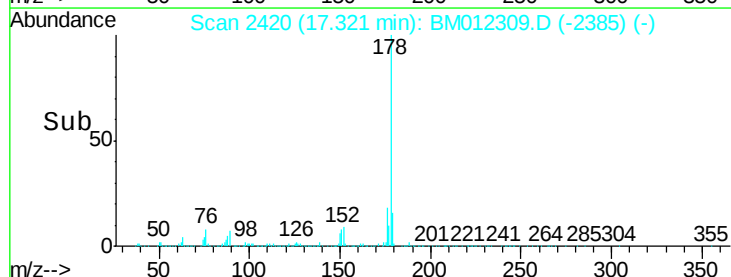
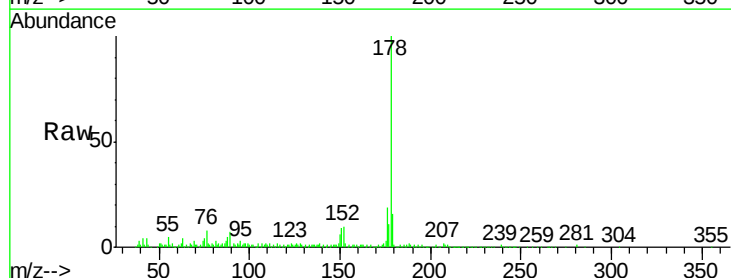
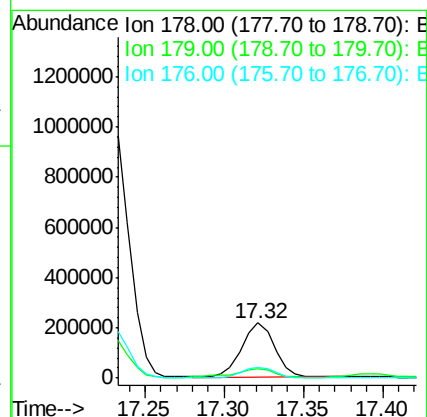
Tgt Ion:178 Resp: 313055

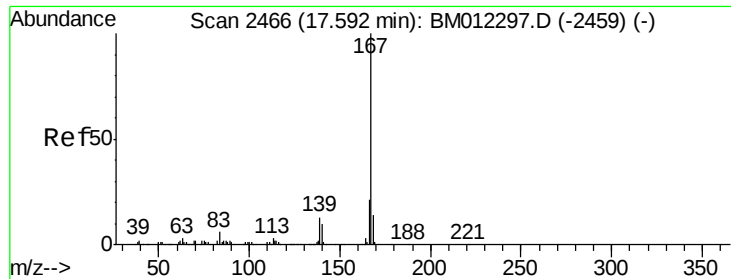
Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

176 18.6 14.7 22.1





#72

Carbazole

Concen: 2.002 ng/ul

RT: 17.60 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Instrument :

BNA_M

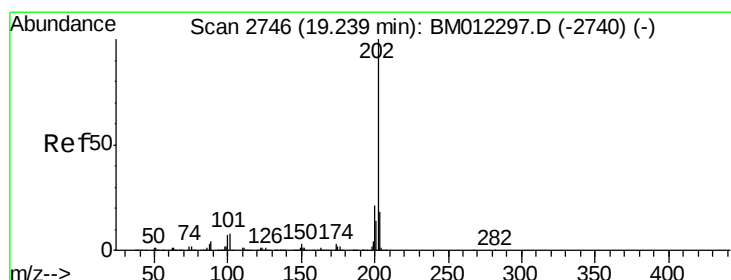
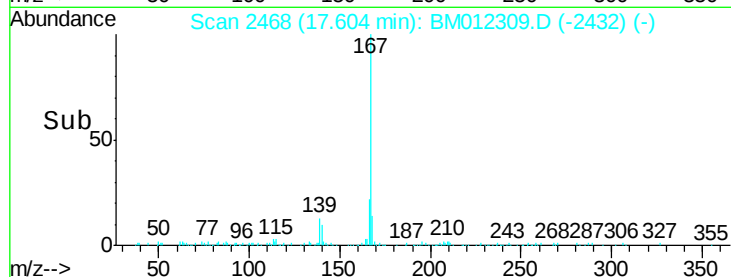
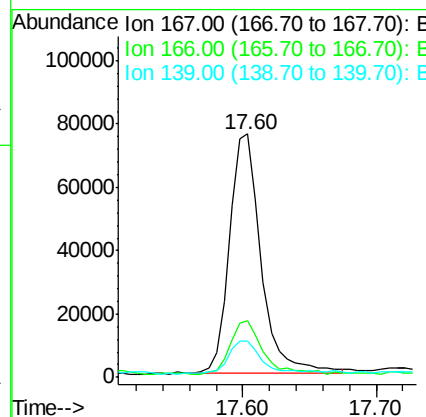
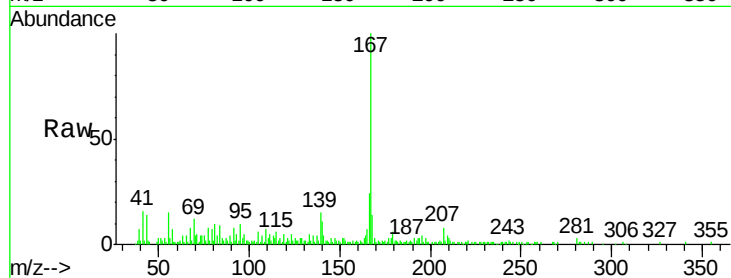
ClientSampleId :

B-30(0-1)-100417

Tgt Ion:	167	Resp:	125010
Ion Ratio		Lower	Upper
167	100		
166	23.5	17.8	26.6
139	15.1	10.6	15.8

Manual Integrations
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#74

Fluoranthene

Concen: 28.872 ng/ul

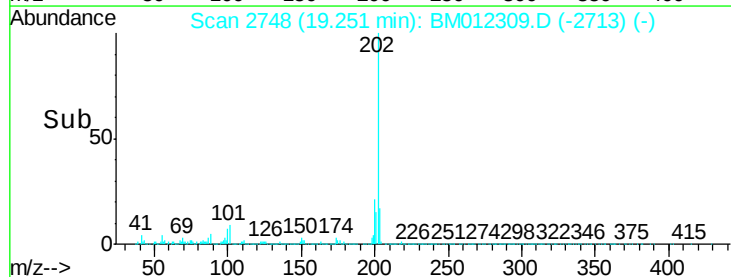
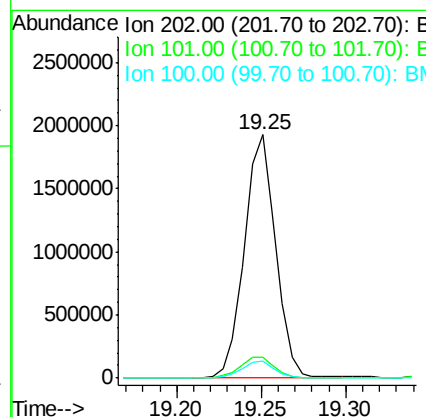
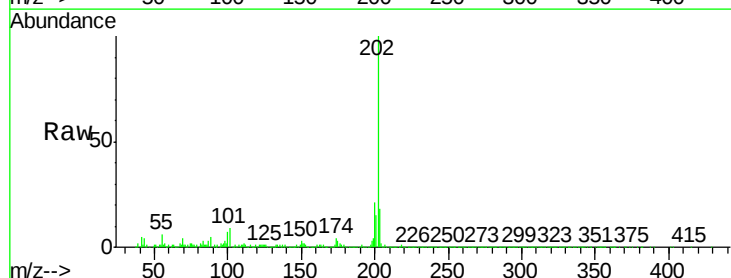
RT: 19.25 min Scan# 2748

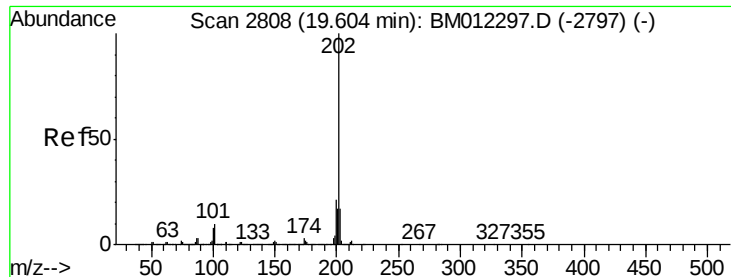
Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Tgt Ion:	202	Resp:	2482717
Ion Ratio		Lower	Upper
202	100		
101	8.8	5.8	8.6#
100	7.1	4.3	6.5#





#77

Pyrene

Concen: 27.940 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Instrument :

BNA_M

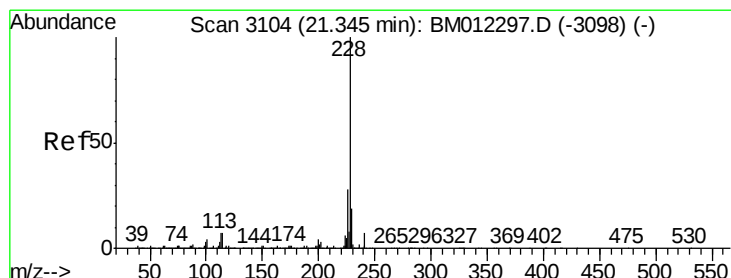
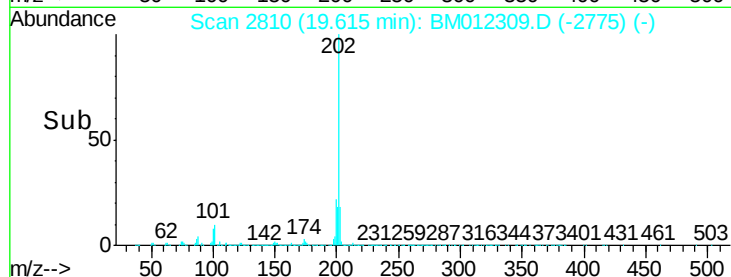
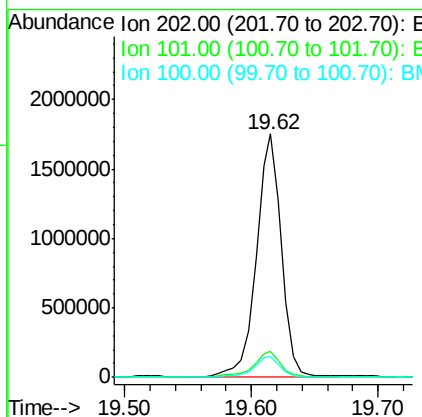
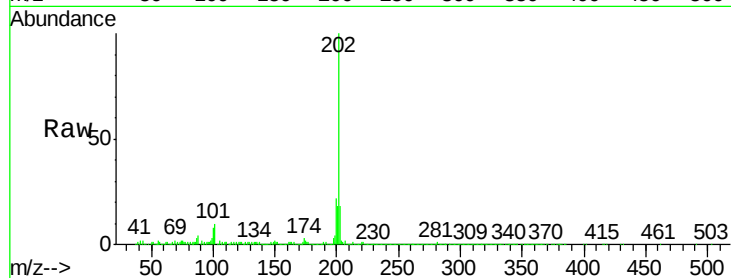
ClientSampleId :

B-30(0-1)-100417

Tgt Ion:	202	Resp:	2383320
Ion Ratio	Lower	Upper	
202	100		
101	10.5	6.5	9.7#
100	8.5	5.6	8.4#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 16.284 ng/ul

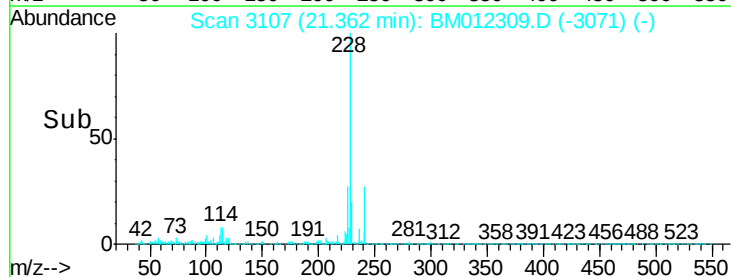
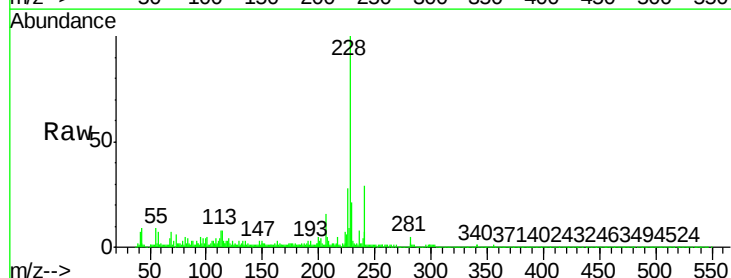
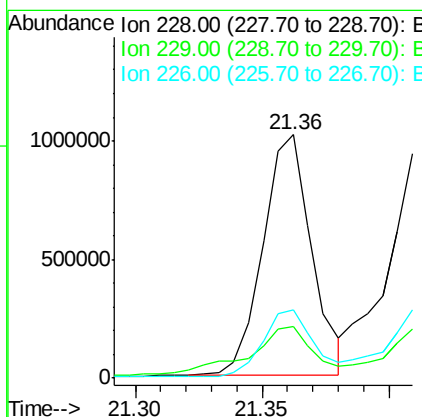
RT: 21.36 min Scan# 3107

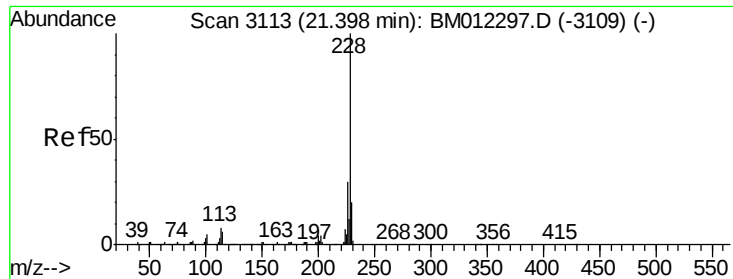
Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Tgt Ion:	228	Resp:	1368558
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.8
226	27.8	21.4	32.2





#82

Chrysene

Concen: 17.059 ng/u1

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Instrument :

BNA_M

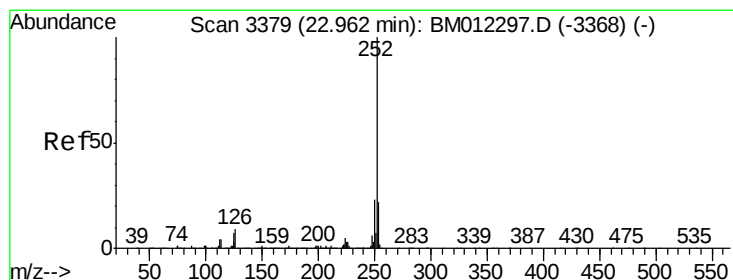
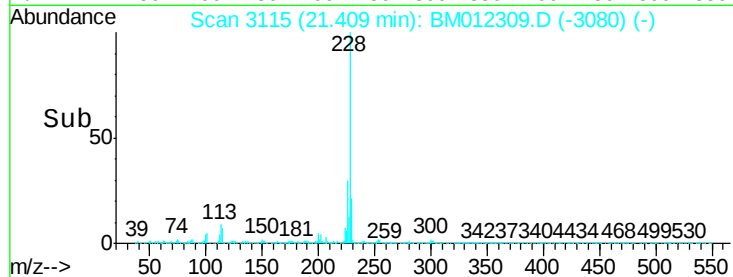
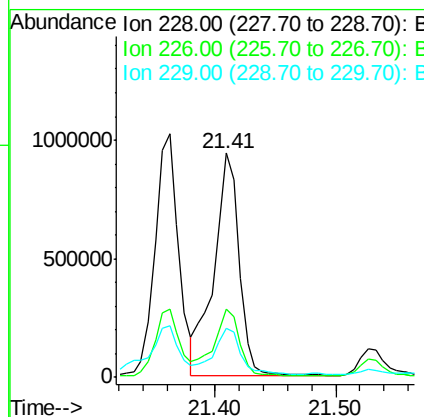
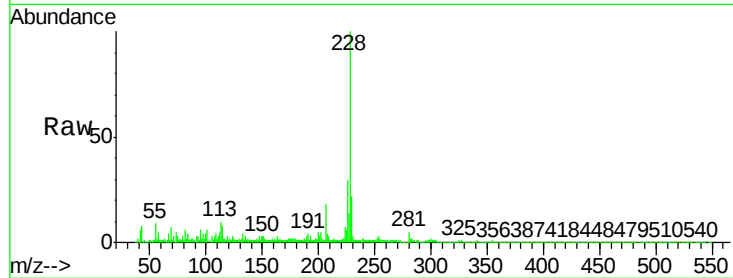
ClientSampleId :

B-30(0-1)-100417

Tgt Ion:	228	Resp:	1346041
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	21.9	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 25.832 ng/u1

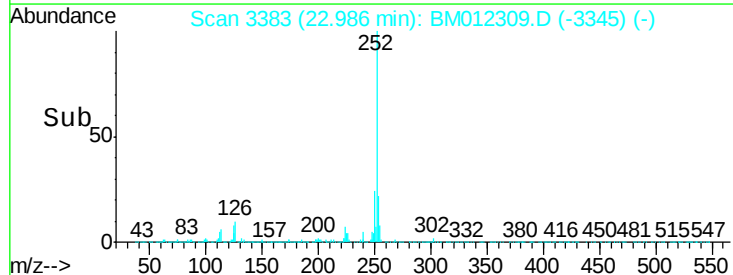
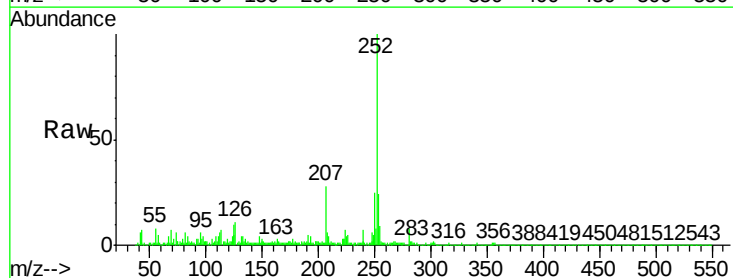
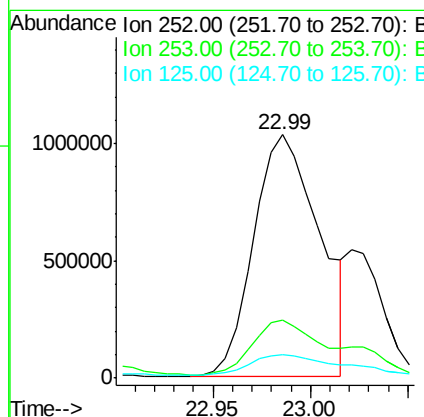
RT: 22.99 min Scan# 3383

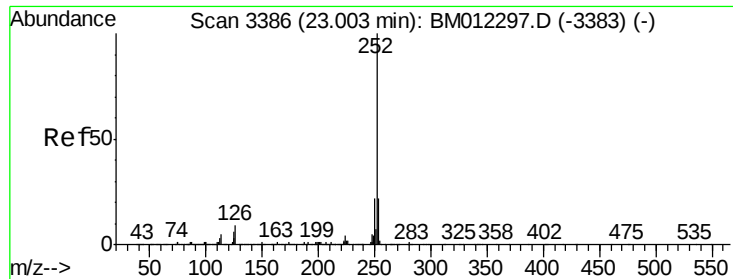
Delta R.T. 0.02 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Tgt Ion:	252	Resp:	2418202
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	9.6	5.1	7.7#





#86

Benzo(k)fluoranthene

Concen: 7.985 ng/ul m

RT: 23.02 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Instrument :

BNA_M

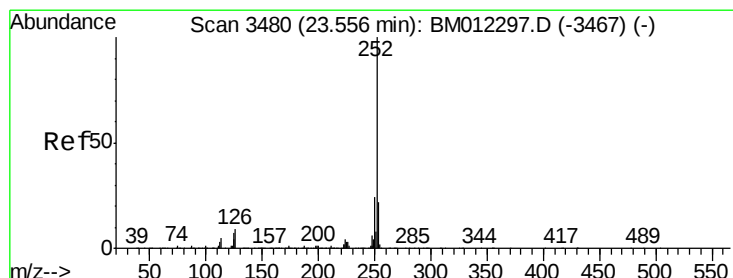
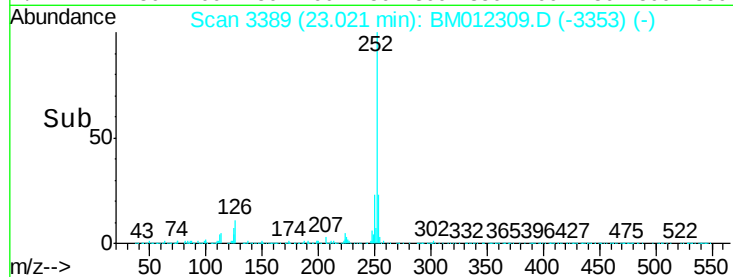
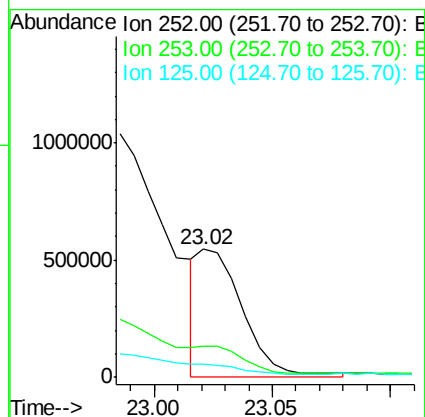
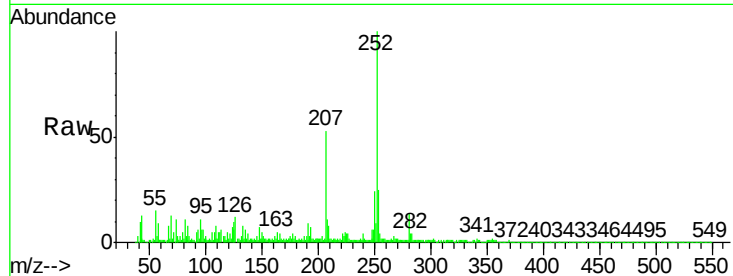
ClientSampleId :

B-30(0-1)-100417

Tgt Ion:	252	Resp:	720302
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.6
125	10.4	4.9	7.3#

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#88

Benzo(a)pyrene

Concen: 18.850 ng/ul

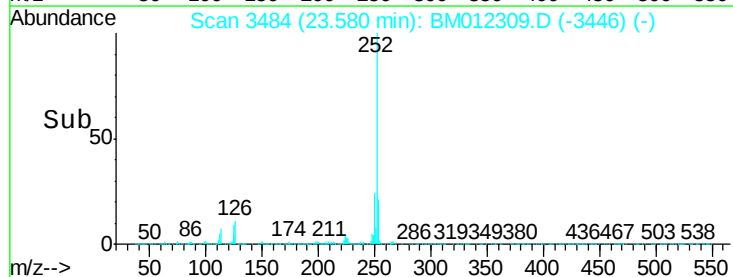
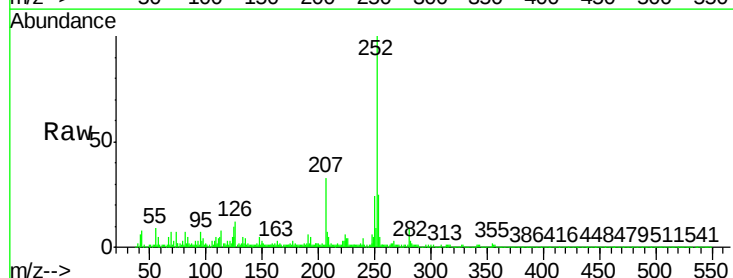
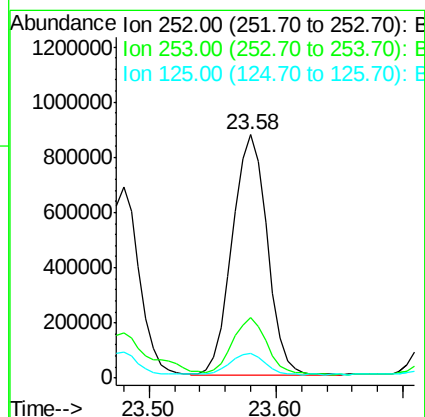
RT: 23.58 min Scan# 3484

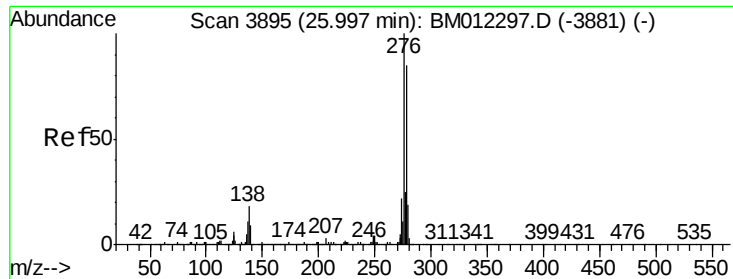
Delta R.T. 0.02 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Tgt Ion:	252	Resp:	1663105
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.1	25.7
125	10.3	5.2	7.8#





#89

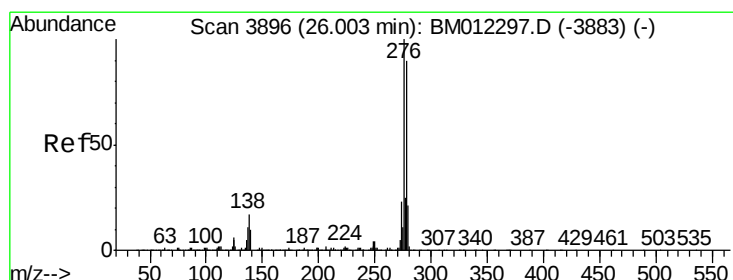
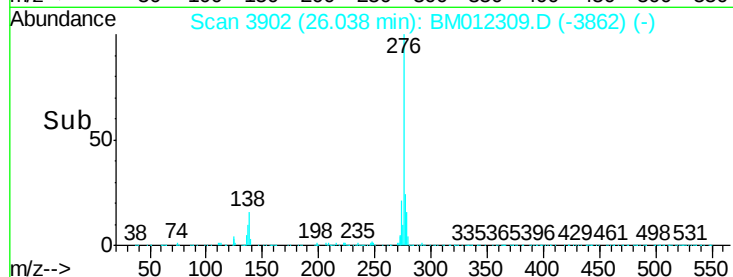
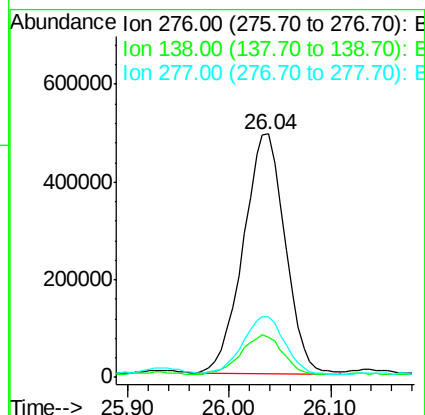
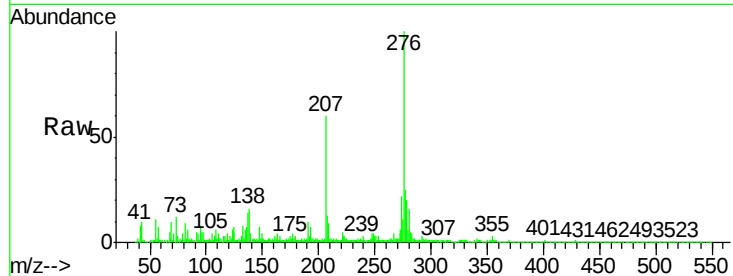
Indeno(1,2,3-cd)pyrene
Concen: 15.075 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.04 min
Lab File: BM012309.D
Acq: 19 Oct 2017 09:12

Instrument :
BNA_M
ClientSampleId :
B-30(0-1)-100417

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.2	19.8
277	24.9	20.6	31.0

Manual Integrations
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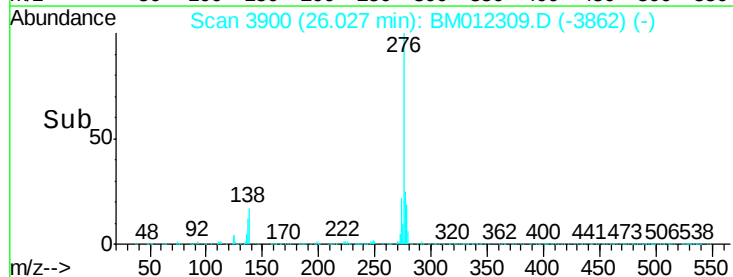
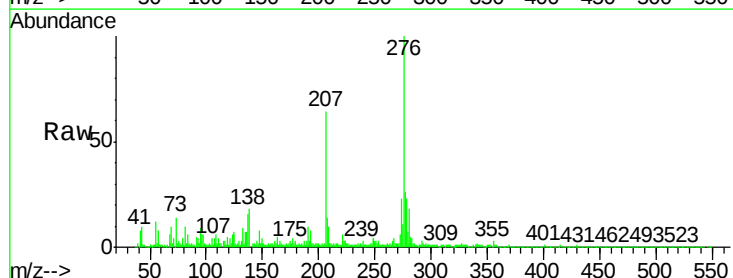
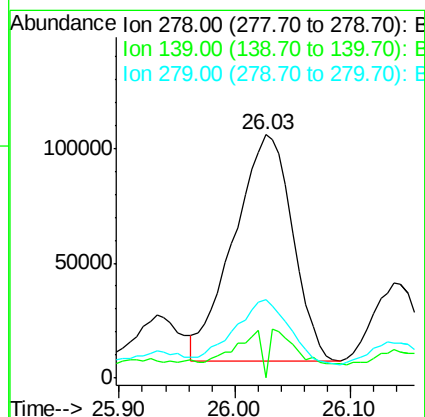
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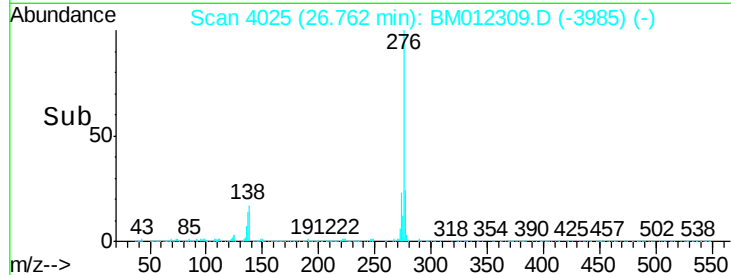
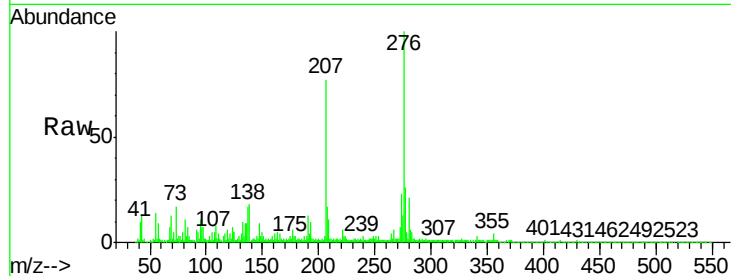
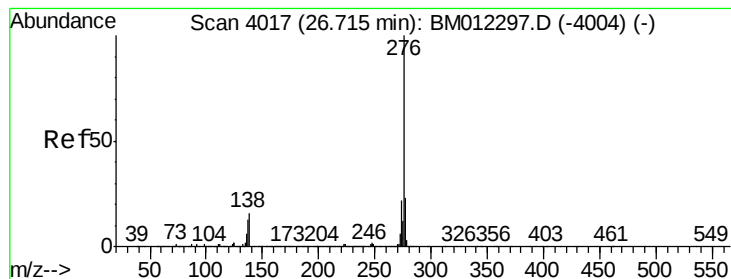


#90

Dibenzo(a,h)anthracene
Concen: 4.415 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. 0.02 min
Lab File: BM012309.D
Acq: 19 Oct 2017 09:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.3	12.5#
279	32.2	19.3	28.9#





#91

Benzo(g,h,i)perylene

Concen: 15.902 ng/ul

RT: 26.76 min Scan# 4025

Delta R.T. 0.04 min

Lab File: BM012309.D

Acq: 19 Oct 2017 09:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	10.7	16.1#
277	25.9	19.0	28.4

Instrument :

BNA_M

ClientSampleId :

B-30(0-1)-100417

Manual Integrations
APPROVED

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10/23/2017 3:50:17 PM

