

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012468.D
 Acq On : 26 Oct 2017 11:48
 Operator : SJ/JU
 Sample : I5701-18DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CK4DL

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:35 AM

Quant Time: Oct 26 14:50:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	496241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2030056	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1214188	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2609064	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2066378	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2278688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	6465	0.67	ng/uL	0.00
5) Phenol-d5	7.05	99	146508	3.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	95007	3.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	117600	3.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	119538	3.37	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	56962	4.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	62202	4.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	128484	3.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	35716	0.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	415592	3.92	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	499650	3.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	39536	2.51	ng/ul	0.00
57) Fluorene-d10	15.50	176	350337	3.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21536	1.71	ng/ul	0.00
70) Anthracene-d10	17.34	188	518078	4.17	ng/ul	0.00
76) Pyrene-d10	19.63	212	472374	4.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	432279	3.99	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.96	163	162159	1.546	ng/ul	99
47) Acenaphthylene	14.23	152	321772	2.687	ng/ul	99
69) Phenanthrene	17.29	178	1816345	12.873	ng/ul	99
71) Anthracene	17.38	178	378634	2.596	ng/ul	98
74) Fluoranthene	19.30	202	2767480	17.310	ng/ul#	94
77) Pyrene	19.66	202	3492772	29.724	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	1430481	11.561	ng/ul	94
82) Chrysene	21.46	228	1584893	14.406	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	1615386	11.468	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	423468m	3.194	ng/ul	
88) Benzo(a)pyrene	23.63	252	1276420	9.504	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	882811	5.585	ng/ul	97
90) Dibenzo(a,h)anthracene	26.07	278	255723	1.908	ng/ul#	80
91) Benzo(g,h,i)perylene	26.79	276	876086	6.839	ng/ul#	94

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

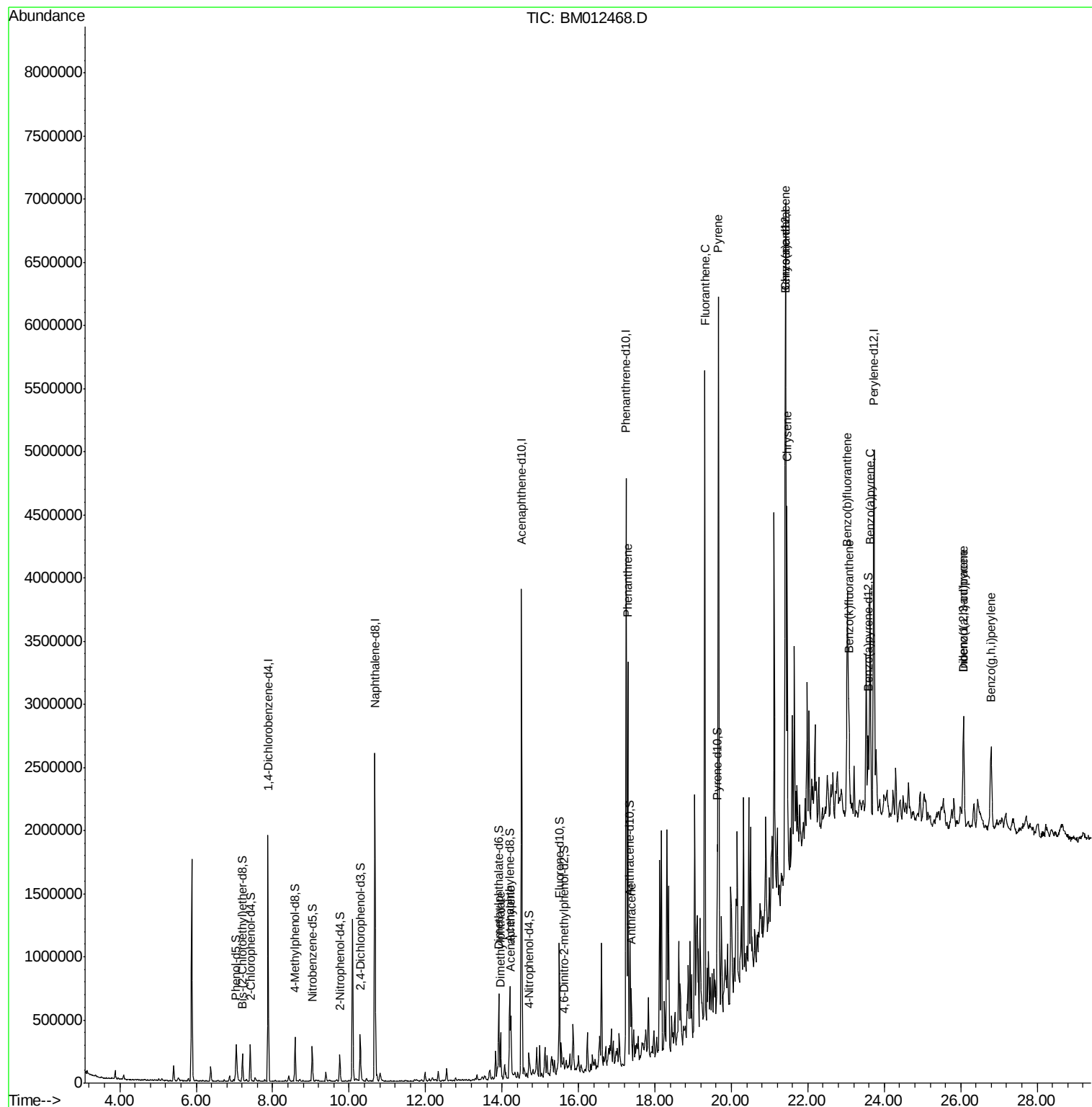
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

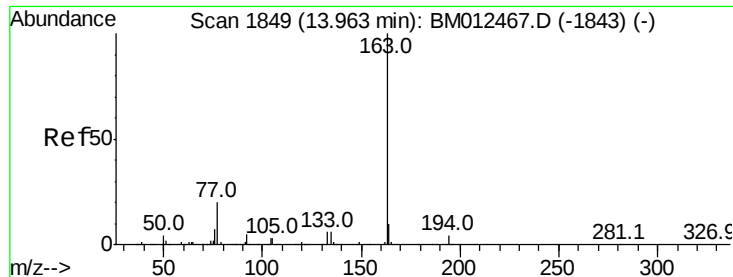
Instrument :
BNA_M
ClientSampleId :
B0CK4DL

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10/27/2017 8:54:35 AM

Quant Time: Oct 26 14:50:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.546 ng/ul

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Instrument :

BNA_M

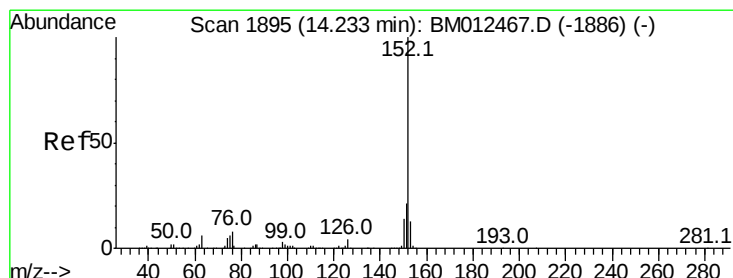
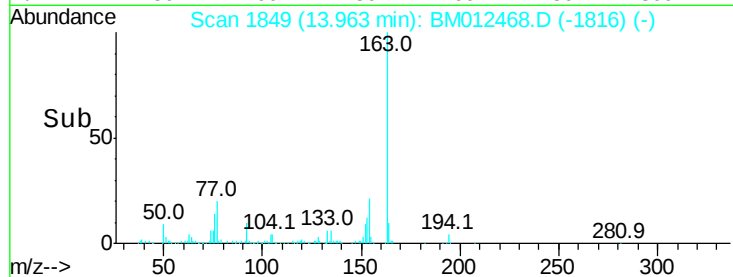
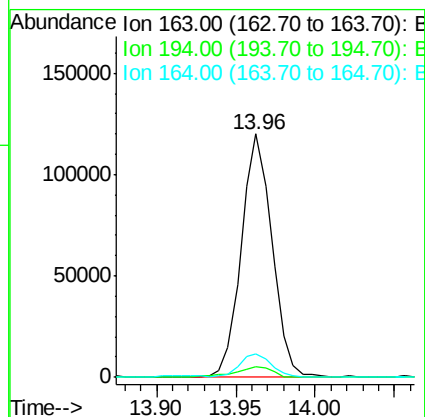
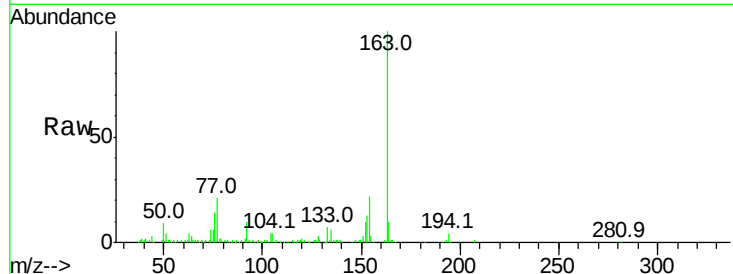
ClientSampleId :

B0CK4DL

Tot Ion:	163	Resp:	162159
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.2	12.4

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#47

Acenaphthylene

Concen: 2.687 ng/ul

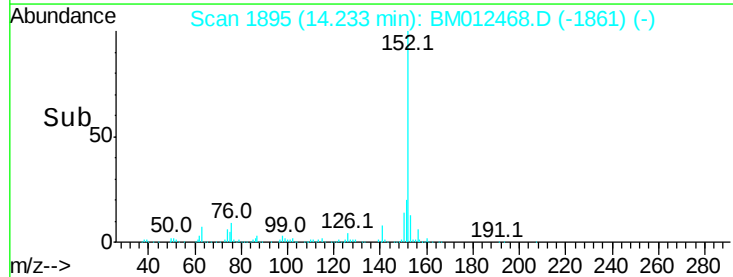
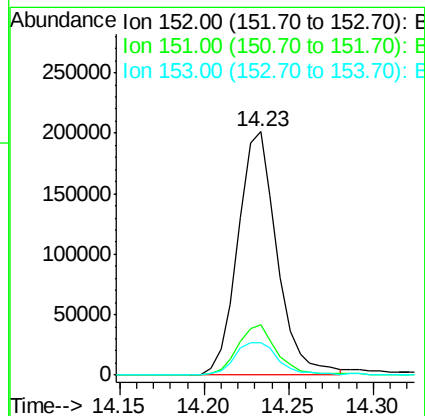
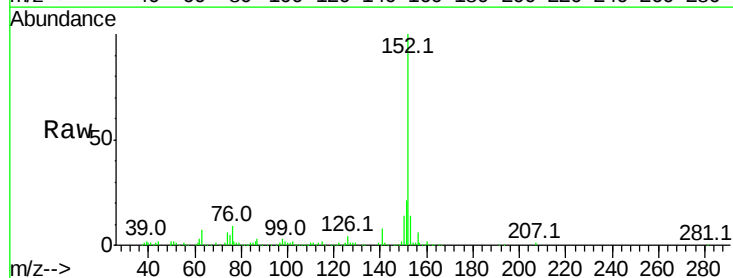
RT: 14.23 min Scan# 1895

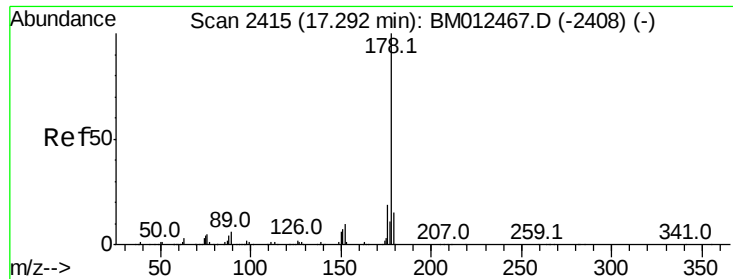
Delta R.T. 0.00 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Tgt Ion:	152	Resp:	321772
Ion Ratio		Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.6	10.2	15.4





#69

Phenanthrene

Concen: 12.873 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Instrument :

BNA_M

ClientSampleId :

B0CK4DL

Tot Ion:178 Resp: 1816345

Ion Ratio Lower Upper

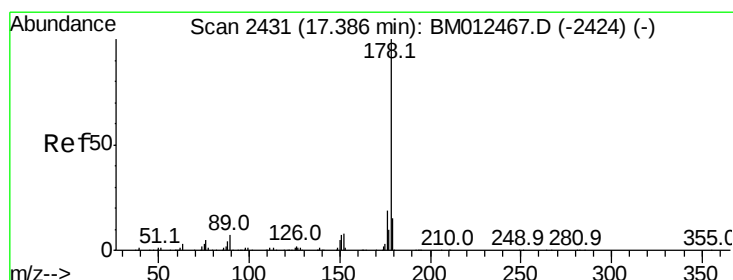
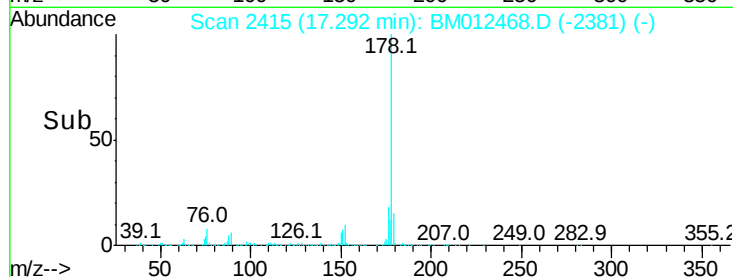
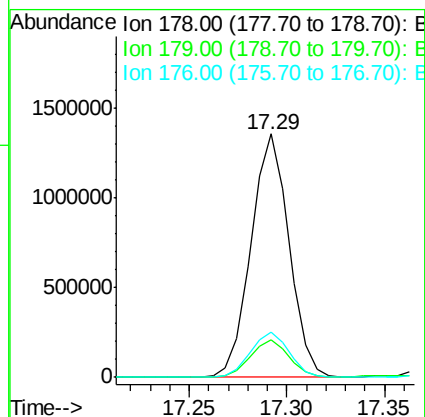
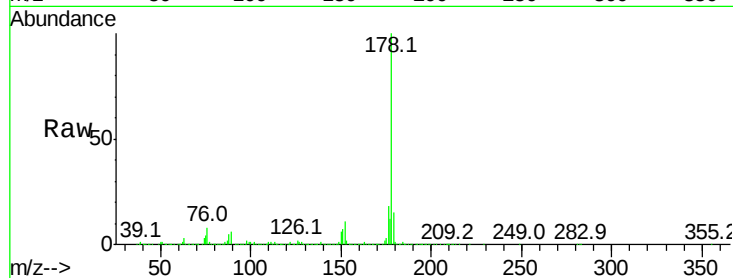
178 100

179 15.2 12.6 19.0

176 18.5 14.9 22.3

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#71

Anthracene

Concen: 2.596 ng/ul

RT: 17.38 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

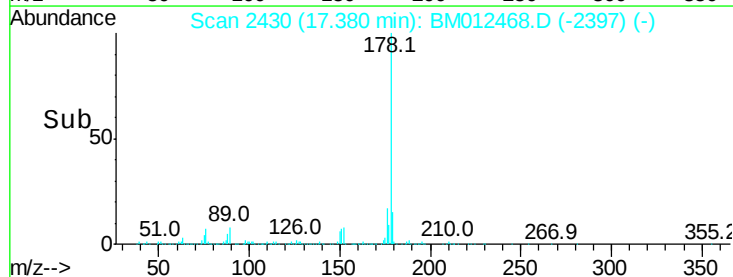
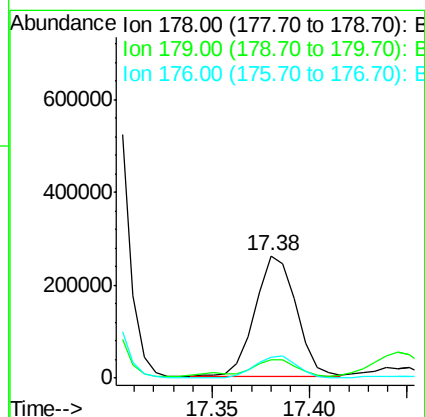
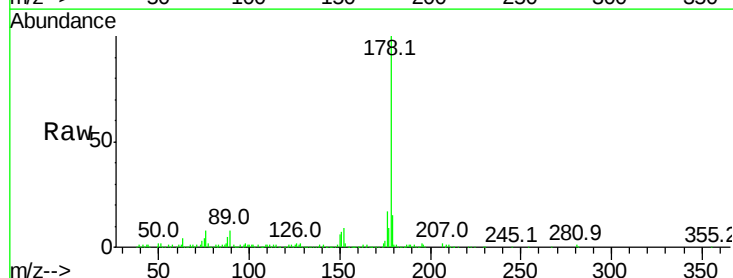
Tgt Ion:178 Resp: 378634

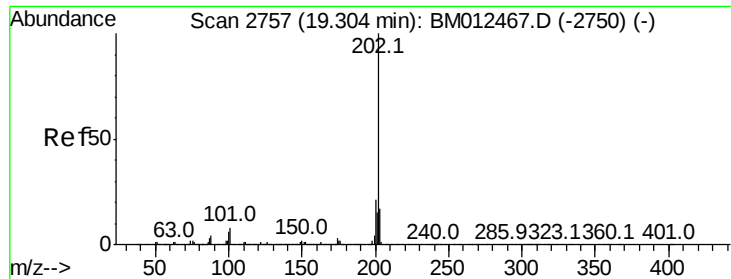
Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

176 17.2 14.6 21.8





#74

Fluoranthene

Concen: 17.310 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Instrument :

BNA_M

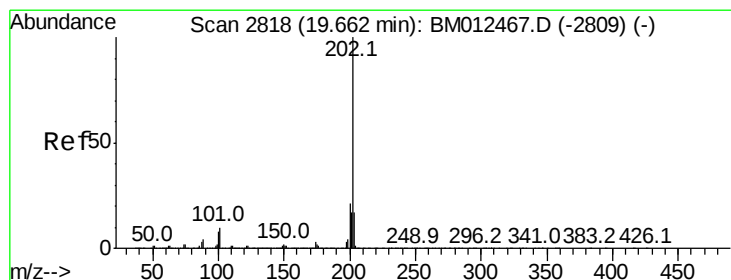
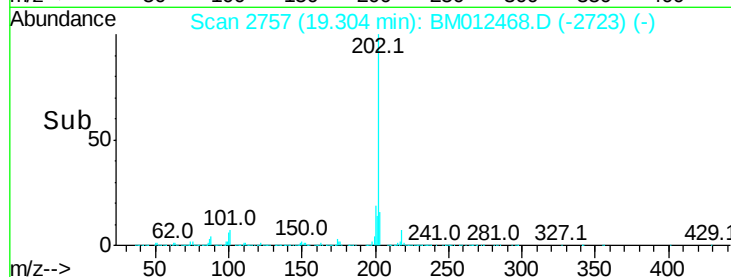
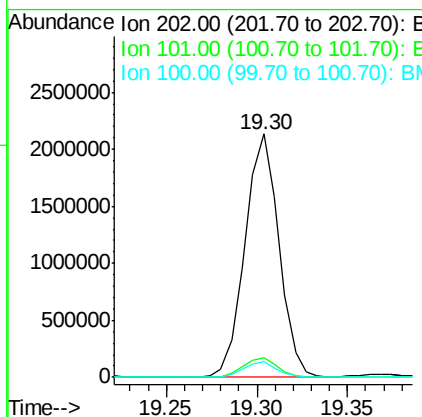
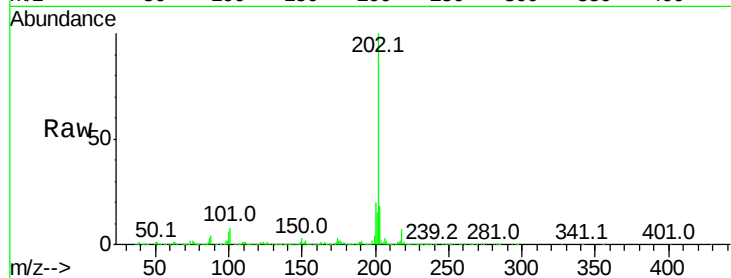
ClientSampled :

B0CK4DL

Tot Ion:	202	Resp:	2767480
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.6	7.0#
100	6.4	3.4	5.2#

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#77

Pyrene

Concen: 29.724 ng/ul

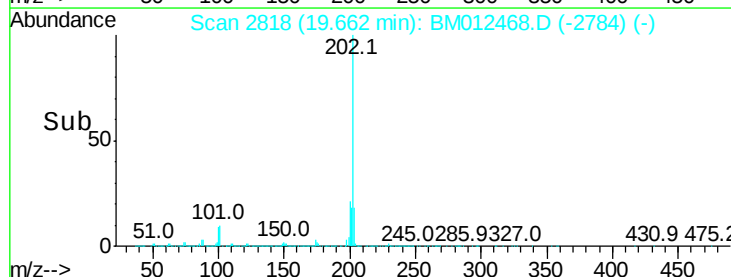
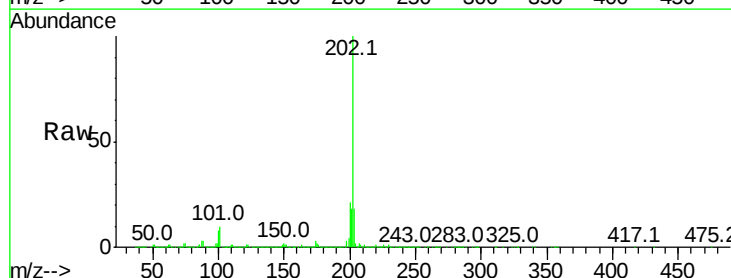
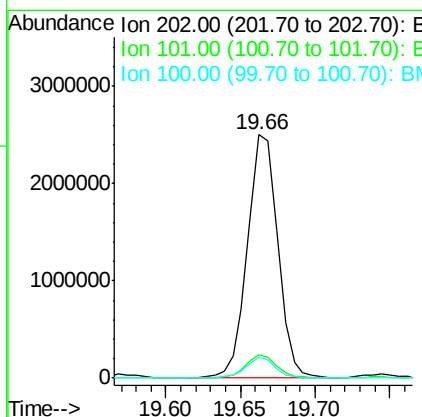
RT: 19.66 min Scan# 2818

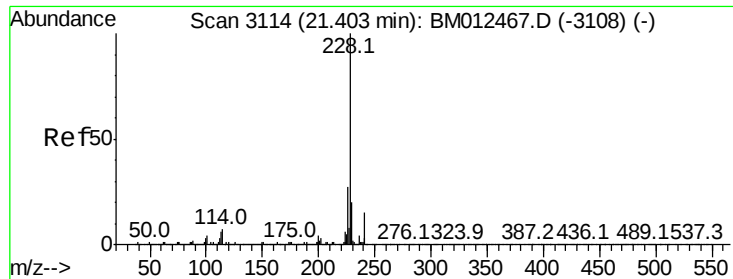
Delta R.T. 0.00 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Tgt Ion:	202	Resp:	3492772
Ion Ratio	Lower	Upper	
202	100		
101	9.8	5.1	7.7#
100	8.4	4.9	7.3#





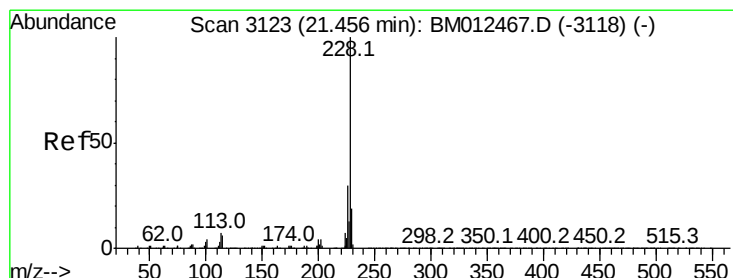
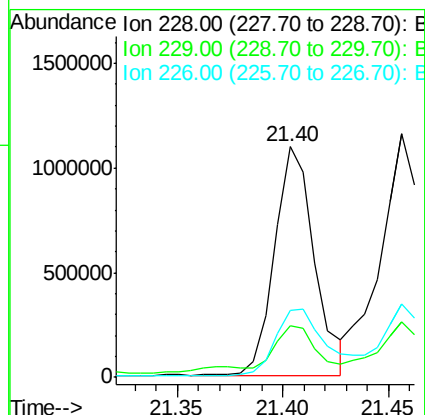
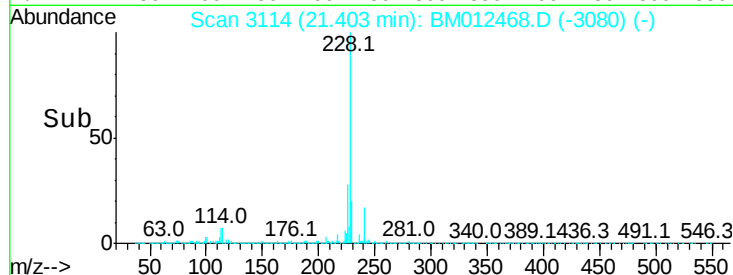
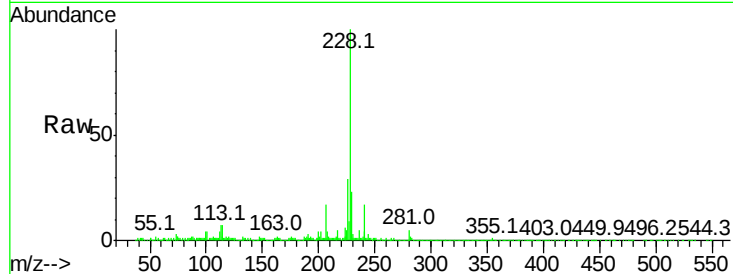
#80
Benzo(a)anthracene
Concen: 11.561 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM012468.D
Acq: 26 Oct 2017 11:48

Instrument :
BNA_M
ClientSampled :
B0CK4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.4	23.0
226	29.3	21.4	32.0

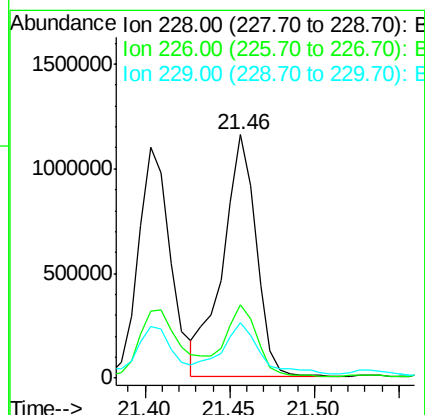
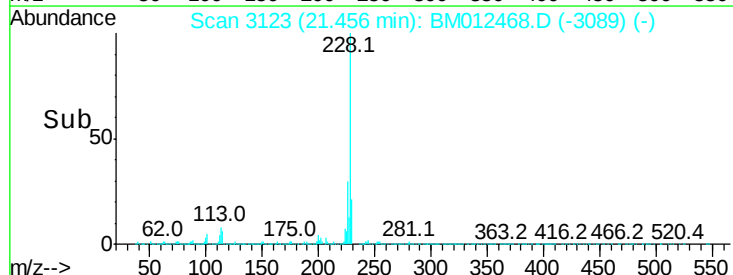
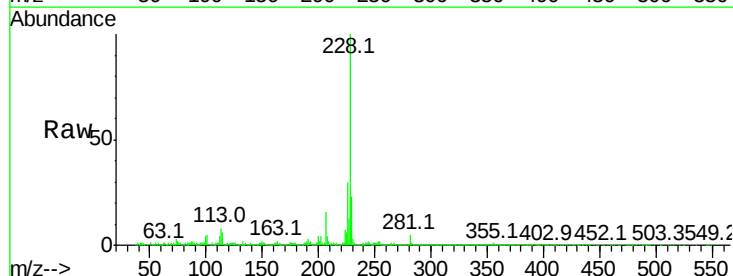
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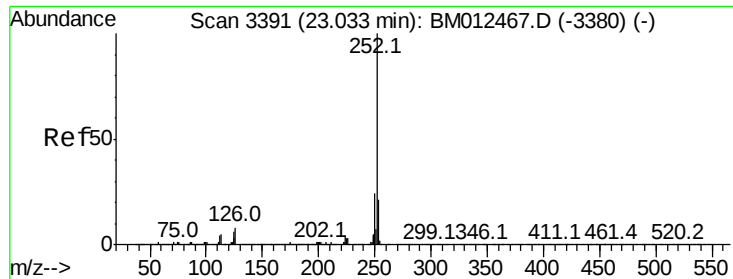
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#82
Chrysene
Concen: 14.406 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM012468.D
Acq: 26 Oct 2017 11:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.6	15.5	23.3





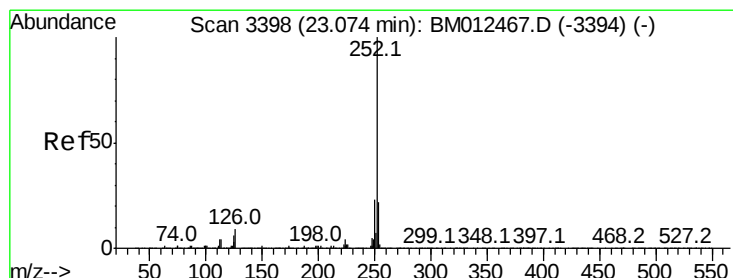
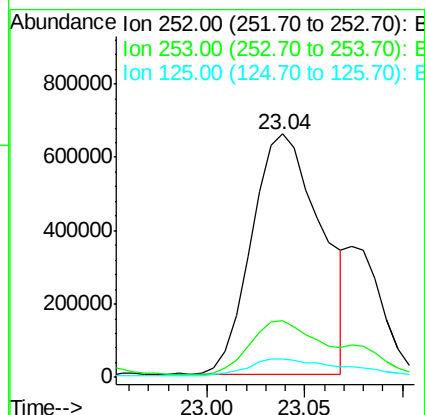
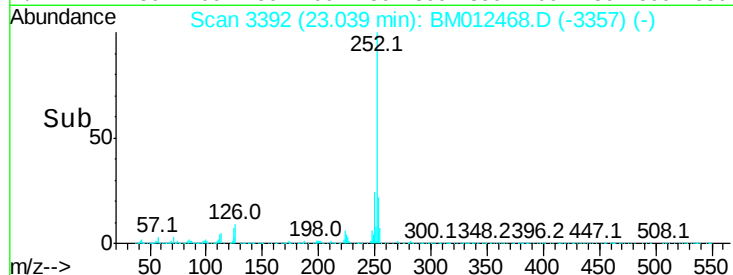
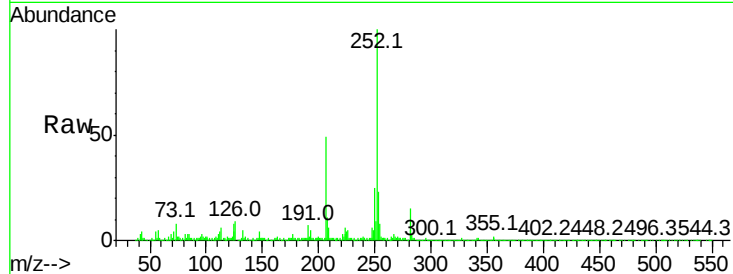
#85
Benzo(b)fluoranthene
Concen: 11.468 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM012468.D
Acq: 26 Oct 2017 11:48

Instrument :
BNA_M
ClientSampleId :
B0CK4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	7.6	3.6	5.4

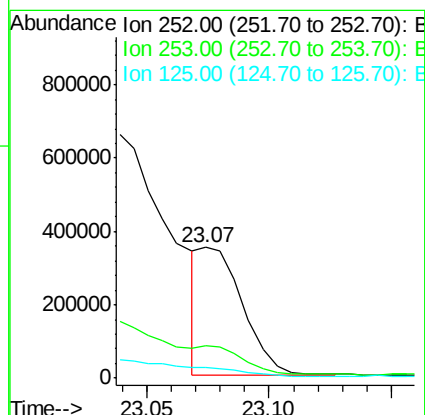
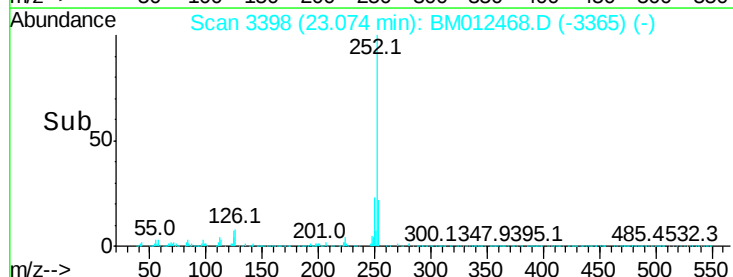
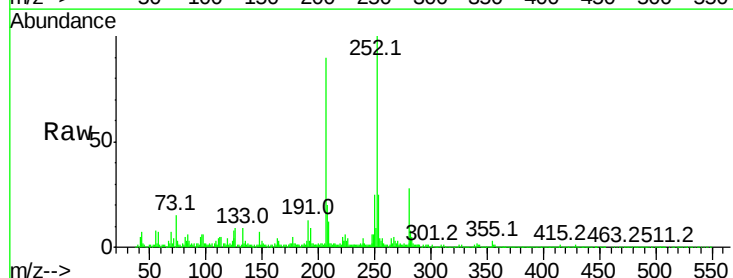
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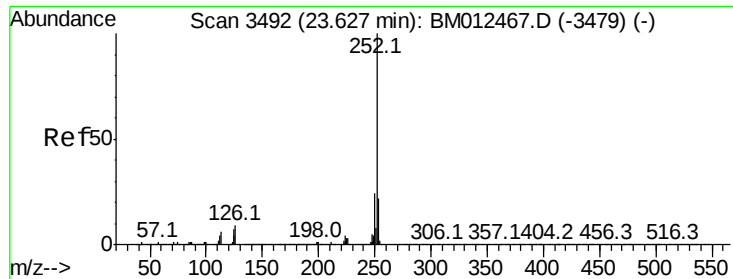
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#86
Benzo(k)fluoranthene
Concen: 3.194 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM012468.D
Acq: 26 Oct 2017 11:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	8.0	3.4	5.2





#88

Benzo(a)pyrene

Concen: 9.504 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Instrument :

BNA_M

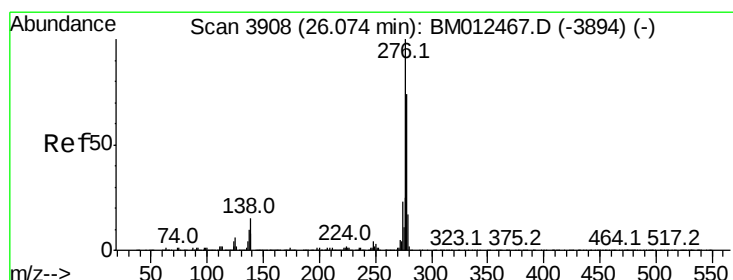
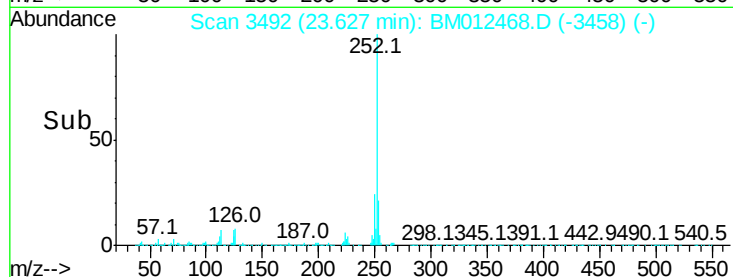
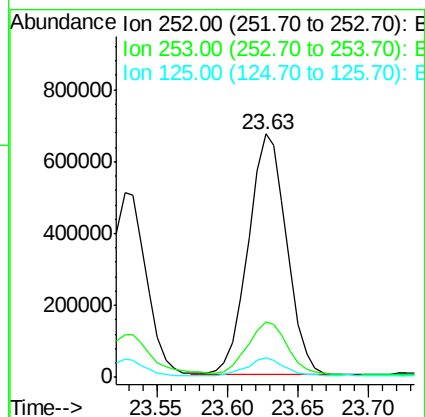
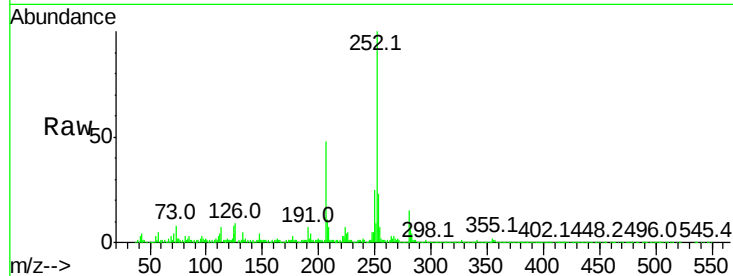
ClientSampleId :

B0CK4DL

Tot Ion:	252	Resp:	1276420
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	8.2	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.585 ng/ul

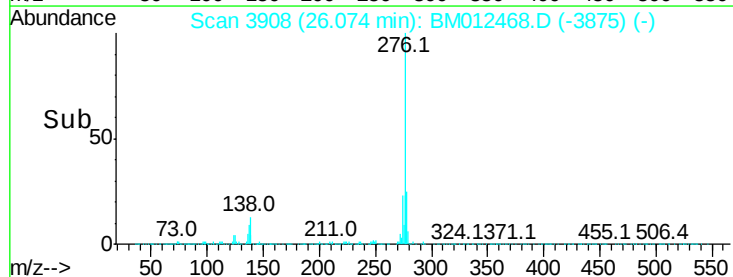
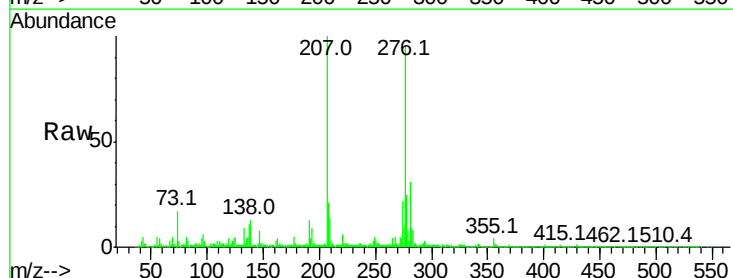
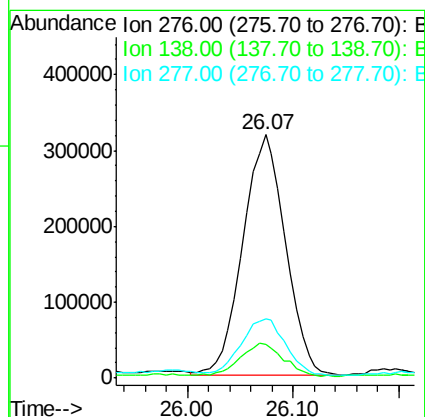
RT: 26.07 min Scan# 3908

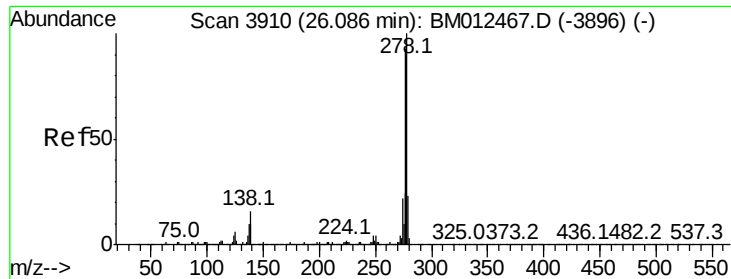
Delta R.T. -0.01 min

Lab File: BM012468.D

Acq: 26 Oct 2017 11:48

Tgt Ion:	276	Resp:	882811
Ion Ratio	Lower	Upper	
276	100		
138	13.8	9.3	13.9
277	24.3	19.9	29.9





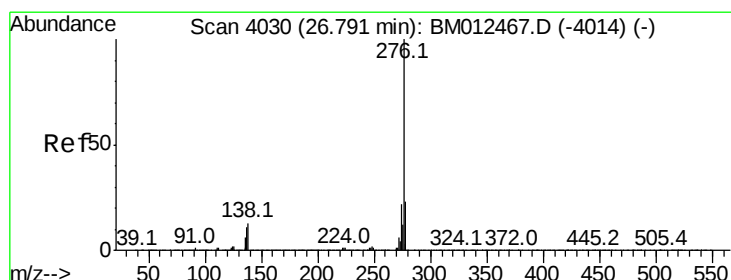
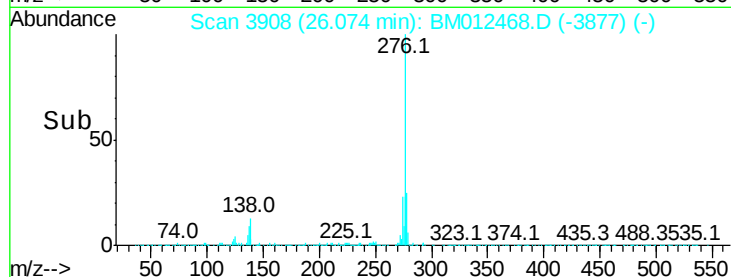
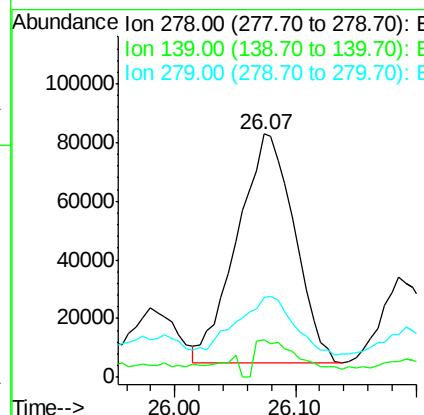
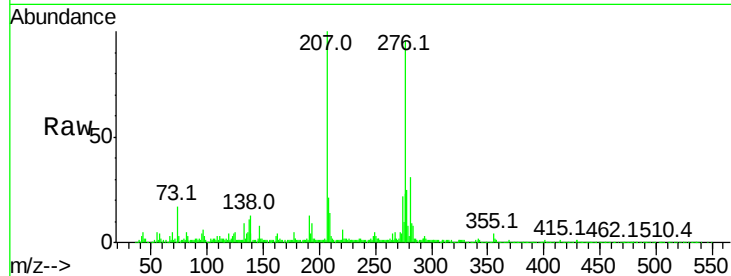
#90
Dibenzo(a,h)anthracene
Concen: 1.908 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. -0.02 min
Lab File: BM012468.D
Acq: 26 Oct 2017 11:48

Instrument :
BNA_M
ClientSampleId :
B0CK4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	5.8	8.8#
279	32.6	18.6	27.8#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:35 AM



#91
Benzo(g,h,i)perylene
Concen: 6.839 ng/ul
RT: 26.79 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM012468.D
Acq: 26 Oct 2017 11:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	23.9	18.6	28.0

