

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022076.D
 Acq On : 13 Aug 2019 18:48
 Operator : HP/JU
 Sample : K4183-10
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual Integrations
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Quant Time: Aug 14 07:47:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 07:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	668	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	2790	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1486	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	3515m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3213m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	3392m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1014	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	2687m	0.23	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.06	178	1391m	0.136	ng/ul	
13) Anthracene	17.15	178	315m	0.036	ng/ul	
15) Fluoranthene	19.08	202	1907m	0.139	ng/ul	
17) Pyrene	19.45	202	2651m	0.201	ng/ul	
18) Benzo(a)anthracene	21.22	228	1201	0.105	ng/ul#	85
19) Chrysene	21.27	228	1105	0.075	ng/ul#	85
21) Benzo(b)fluoranthene	22.77	252	1305m	0.114	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	532m	0.041	ng/ul	
23) Benzo(a)pyrene	23.34	252	989	0.085	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.66	276	616	0.044	ng/ul#	72
26) Benzo(g,h,i)perylene	26.34	276	690	0.055	ng/ul#	50

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

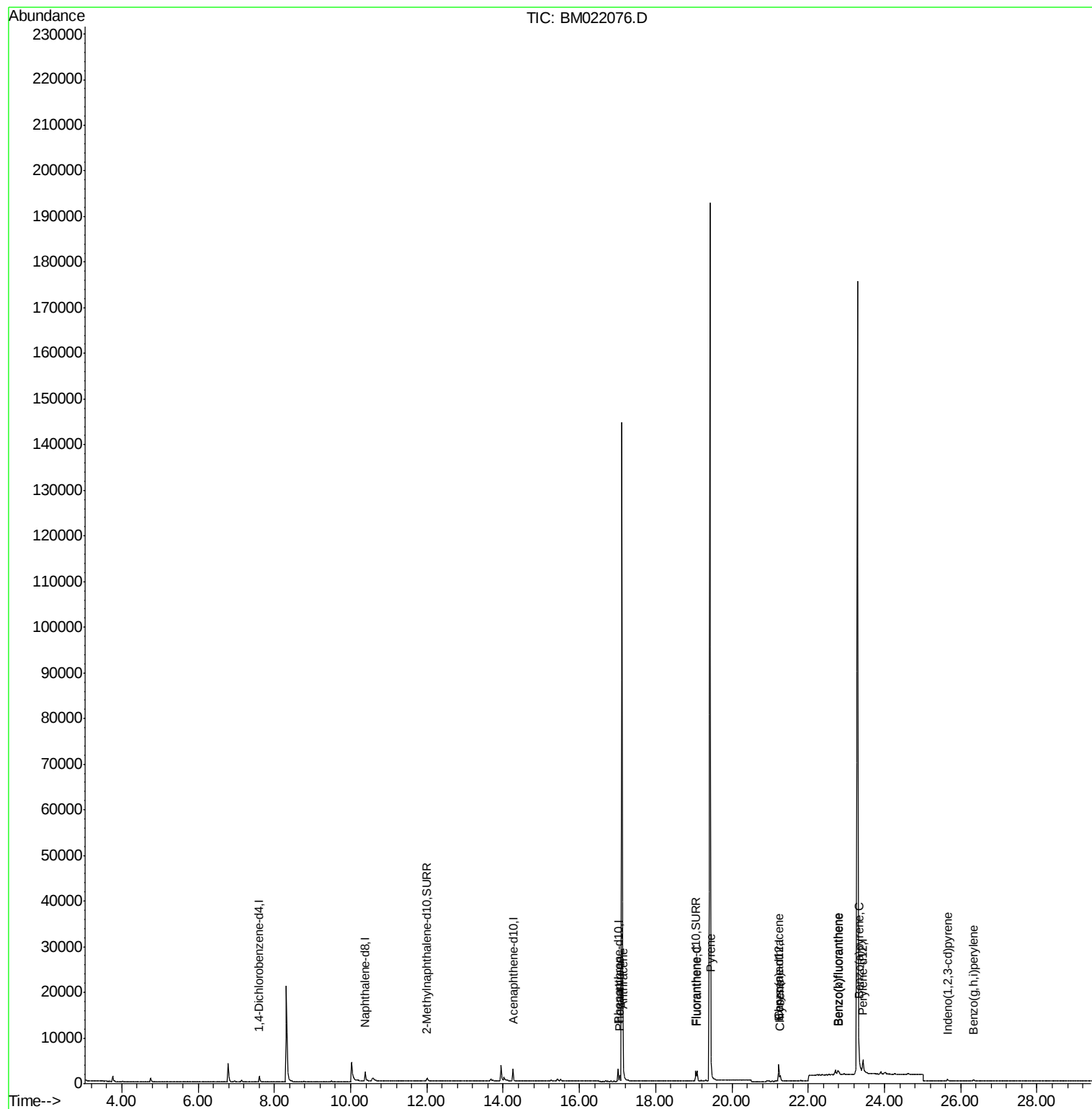
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
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Misc :
ALS Vial : 56 Sample Multiplier: 1

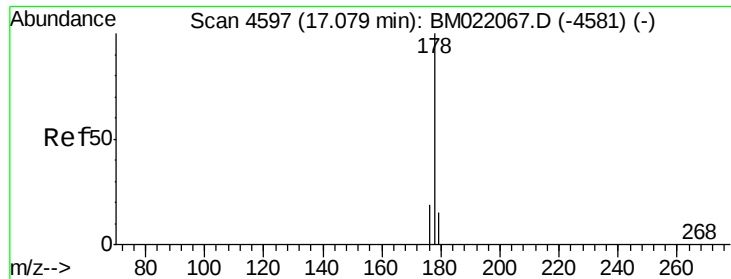
Instrument :
BNA_M
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C0AE8

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#12

Phenanthrene

Concen: 0.136 ng/ul m

RT: 17.06 min Scan# 4590

Delta R.T. -0.02 min

Lab File: BM022076.D

Acq: 13 Aug 2019 18:48

Instrument :

BNA_M

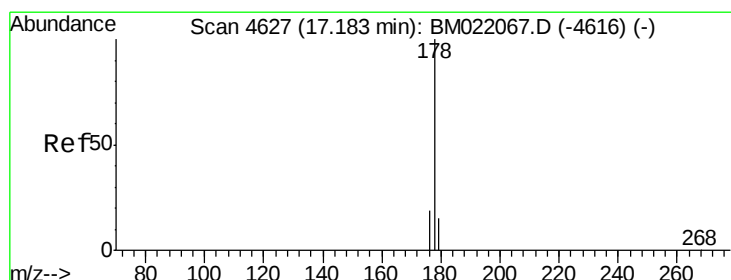
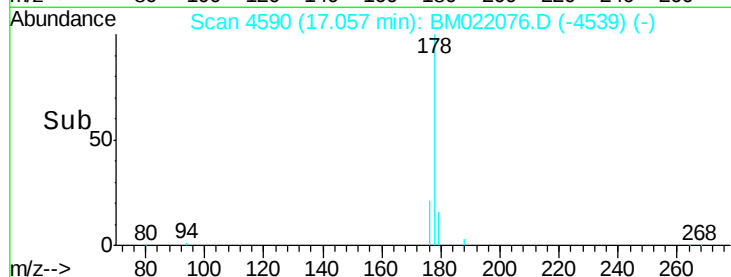
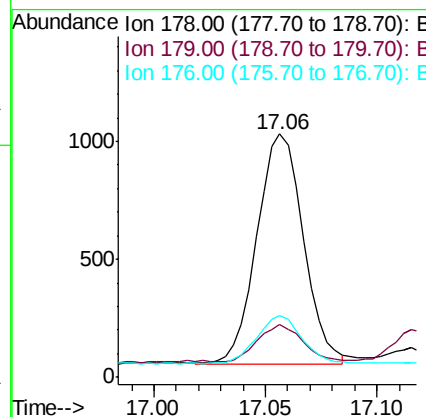
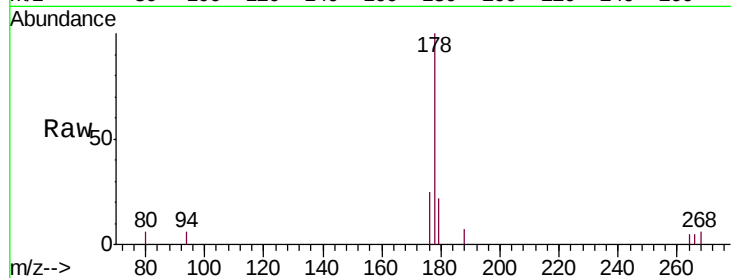
ClientSampleId :

C0AE8

Tgt Ion:	178	Resp:	1391
Ion Ratio	Lower	Upper	
178	100		
179	21.6	14.2	21.2#
176	25.2	16.8	25.2

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#13

Anthracene

Concen: 0.036 ng/ul m

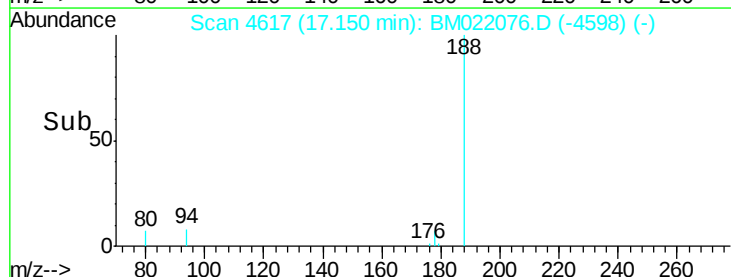
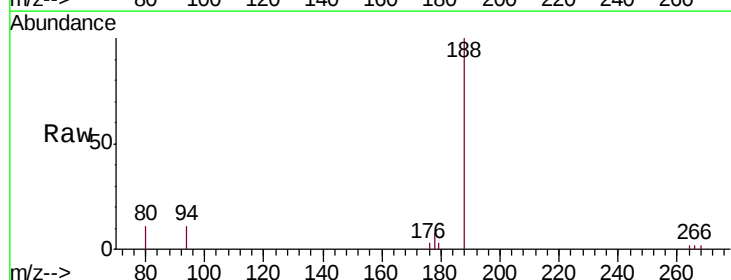
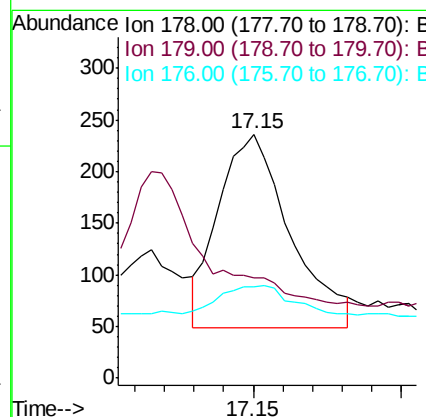
RT: 17.15 min Scan# 4617

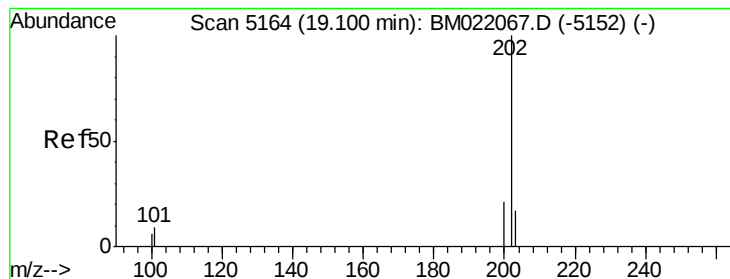
Delta R.T. -0.03 min

Lab File: BM022076.D

Acq: 13 Aug 2019 18:48

Tgt Ion:	178	Resp:	315
Ion Ratio	Lower	Upper	
178	100		
179	41.1	15.5	23.3#
176	37.3	16.6	25.0#





#15

Fluoranthene

Concen: 0.139 ng/ul m

RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022076.D

Acq: 13 Aug 2019 18:48

Instrument :

BNA_M

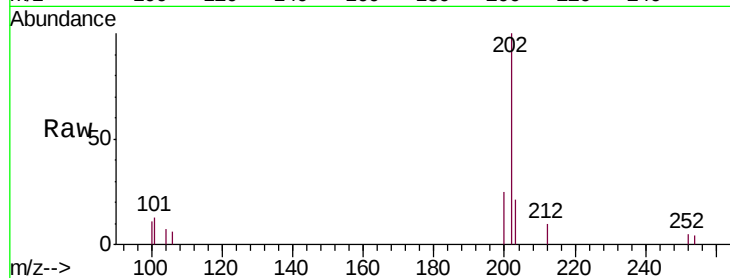
ClientSampleId :

C0AE8

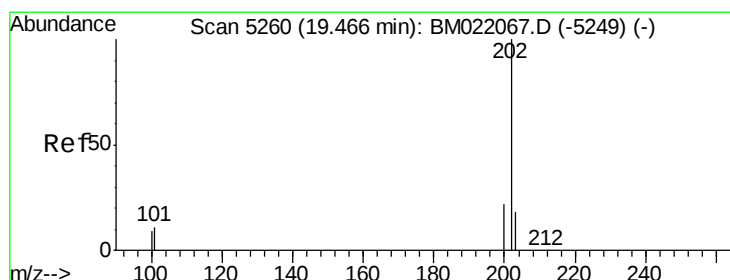
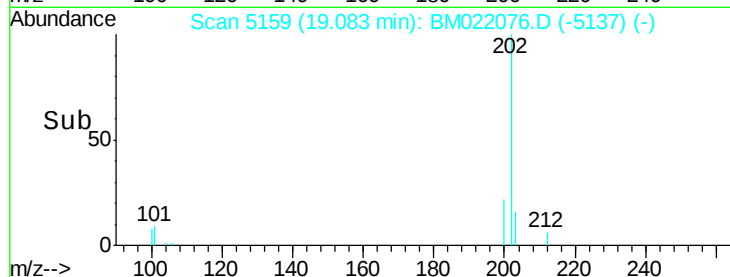
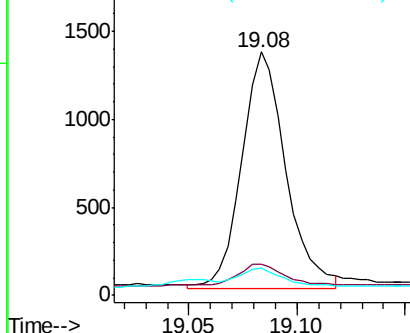
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1907		
101	12.7	0.0	30.2	
100	11.2	0.0	28.1	

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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



#17

Pyrene

Concen: 0.201 ng/ul m

RT: 19.45 min Scan# 5255

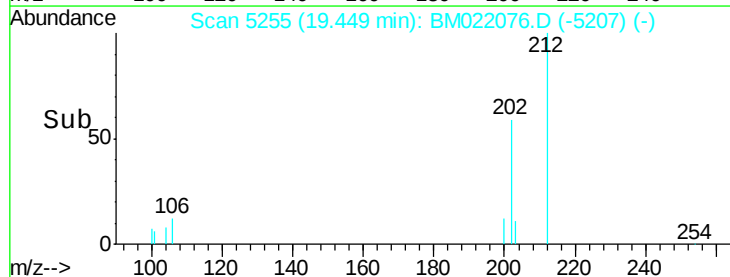
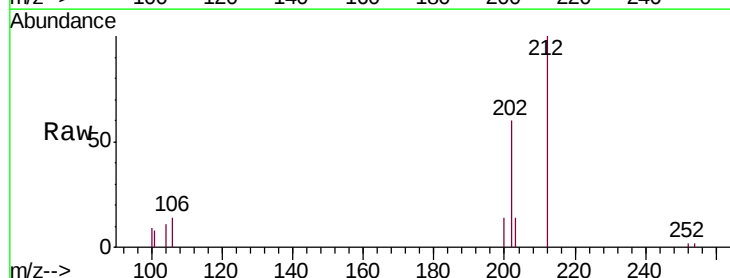
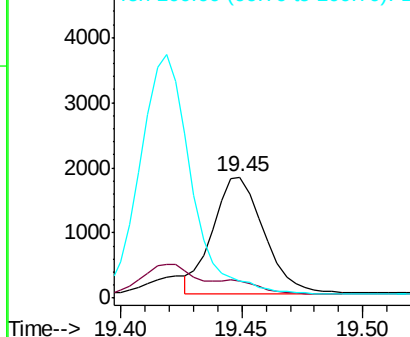
Delta R.T. -0.02 min

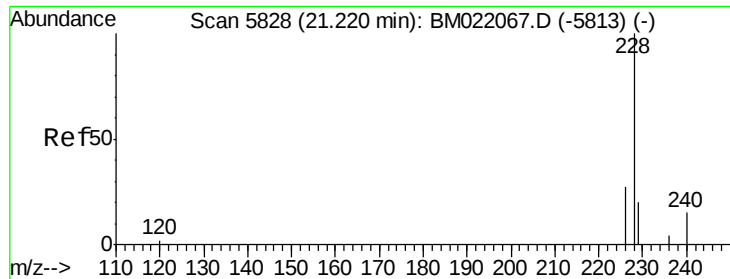
Lab File: BM022076.D

Acq: 13 Aug 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2651		
101	13.7	8.3	12.5#	
100	14.5	7.2	10.8#	

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





#18

Benzo(a)anthracene

Concen: 0.105 ng/ul

RT: 21.22 min Scan# 5826

Delta R.T. -0.00 min

Lab File: BM022076.D

Acq: 13 Aug 2019 18:48

Instrument :

BNA_M

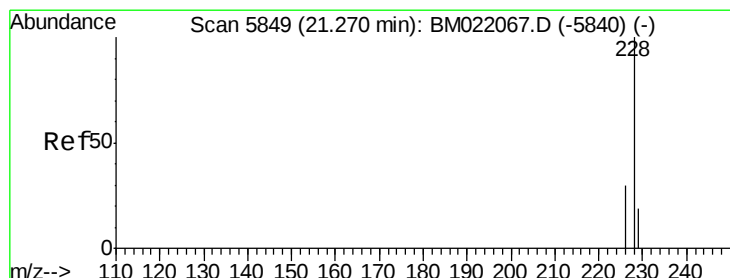
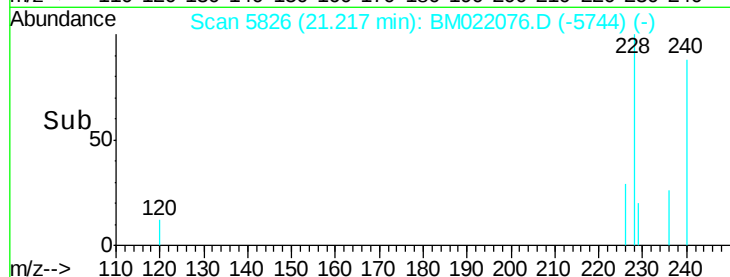
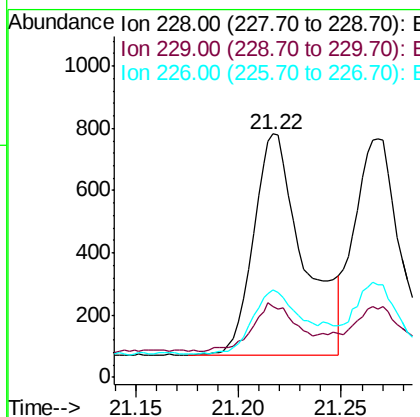
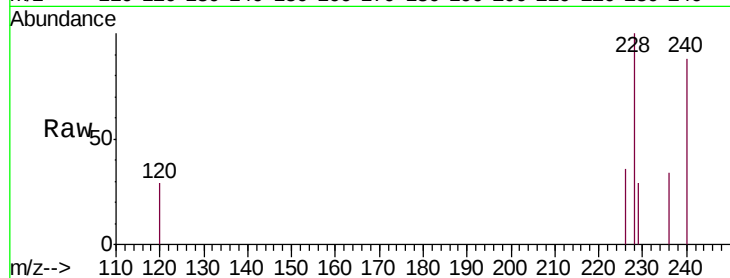
ClientSampleId :

C0AE8

Tgt Ion:	228	Resp:	1201
Ion Ratio	Lower	Upper	
228	100		
229	29.2	17.2	25.8#
226	36.1	22.6	34.0#

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#19

Chrysene

Concen: 0.075 ng/ul

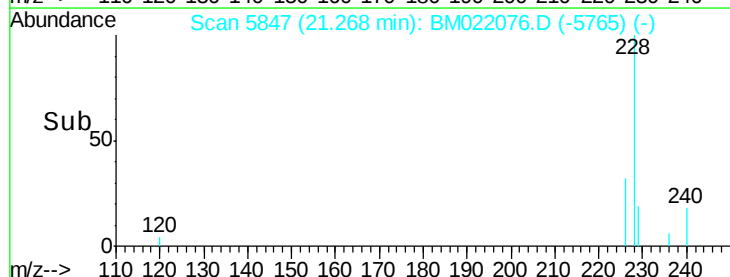
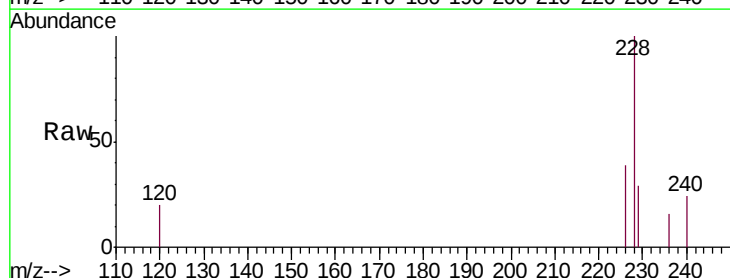
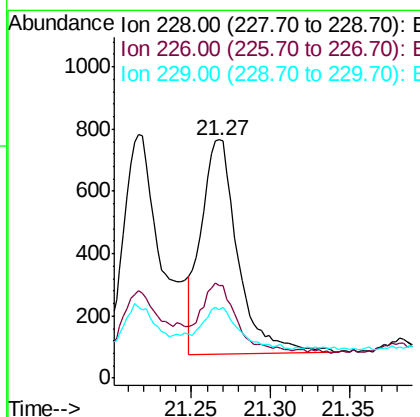
RT: 21.27 min Scan# 5847

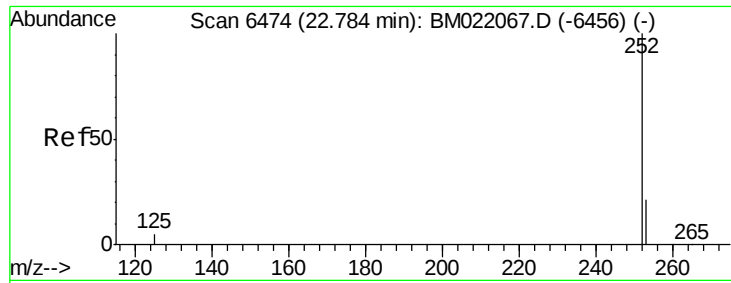
Delta R.T. -0.00 min

Lab File: BM022076.D

Acq: 13 Aug 2019 18:48

Tgt Ion:	228	Resp:	1105
Ion Ratio	Lower	Upper	
228	100		
226	38.6	24.9	37.3#
229	28.7	16.6	25.0#





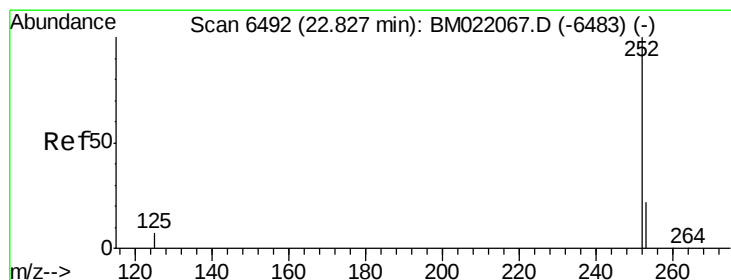
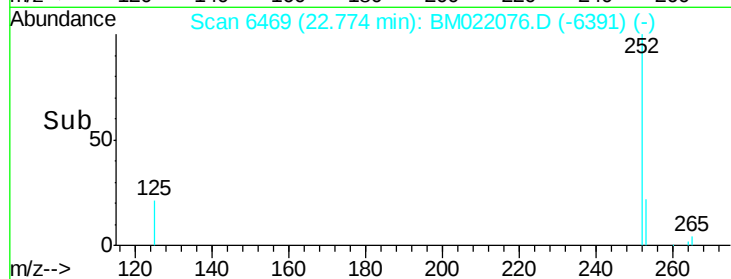
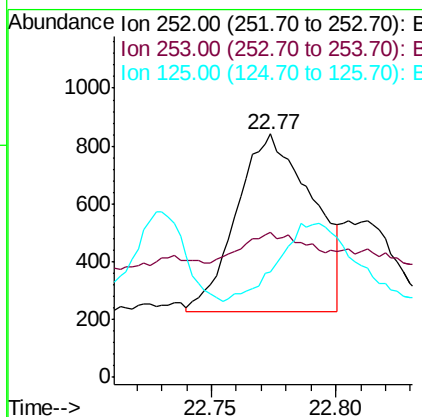
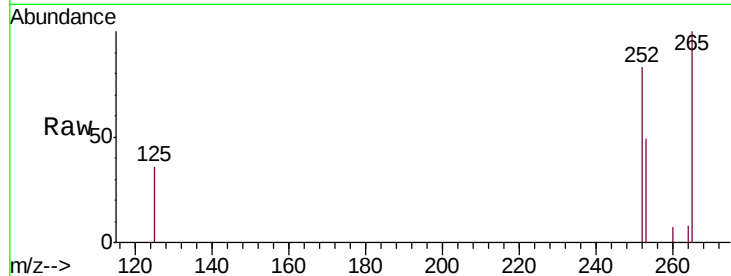
#21
Benzo(b)fluoranthene
Concen: 0.114 ng/ul m
RT: 22.77 min Scan# 6469
Delta R.T. -0.01 min
Lab File: BM022076.D
Acq: 13 Aug 2019 18:48

Instrument :
BNA_M
ClientSampleId :
C0AE8

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	59.4	0.0	67.4
125	43.3	0.0	31.0

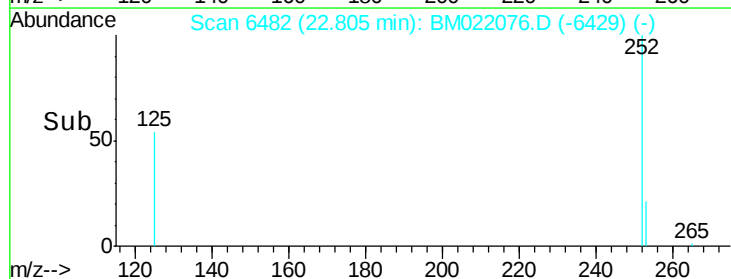
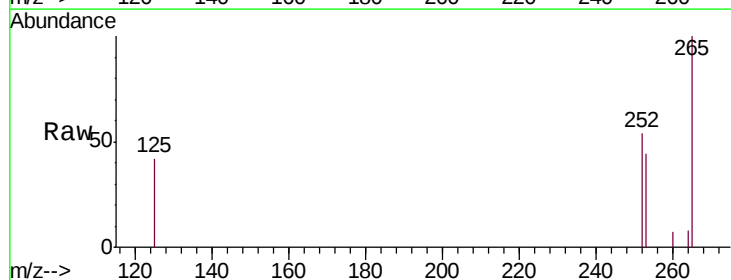
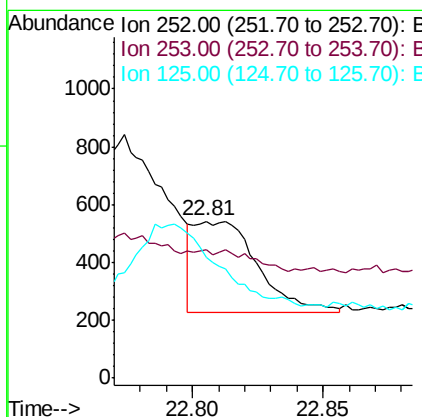
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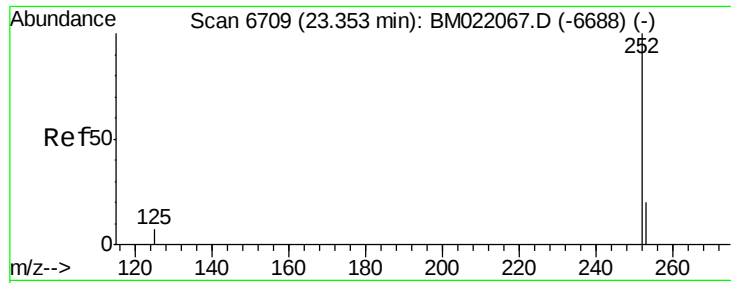
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#22
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.81 min Scan# 6482
Delta R.T. -0.02 min
Lab File: BM022076.D
Acq: 13 Aug 2019 18:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	82.0	27.0	40.4
125	76.8	12.2	18.2





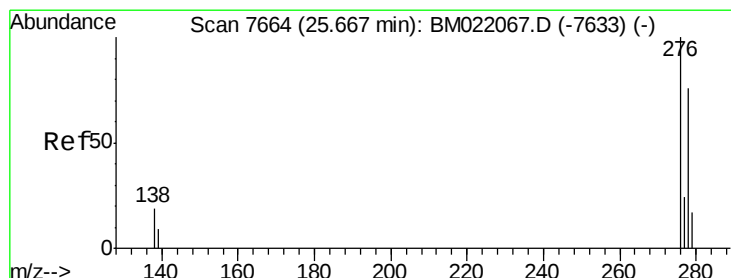
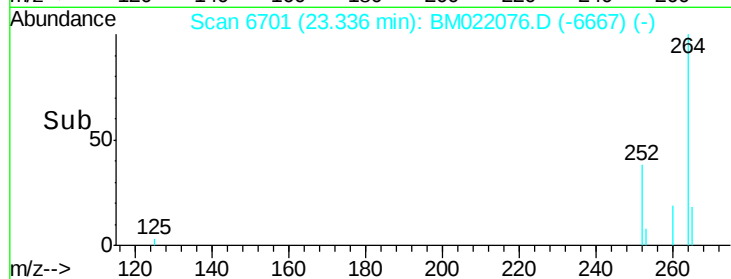
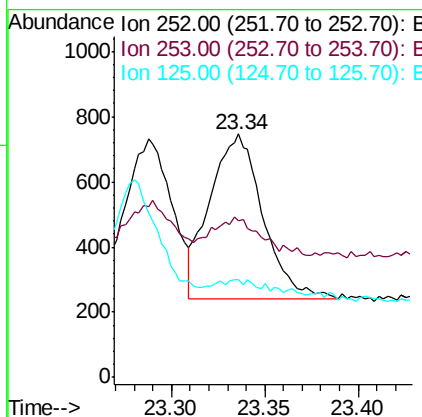
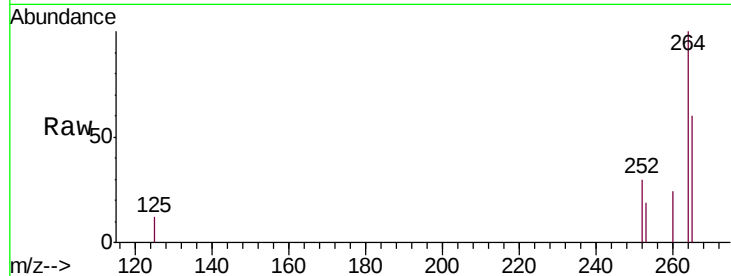
#23
Benzo(a)pyrene
Concen: 0.085 ng/u1
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022076.D
Acq: 13 Aug 2019 18:48

Instrument :
BNA_M
ClientSampleId :
C0AE8

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	989		
253	64.1		31.7	47.5#
125	40.4		14.6	21.8#

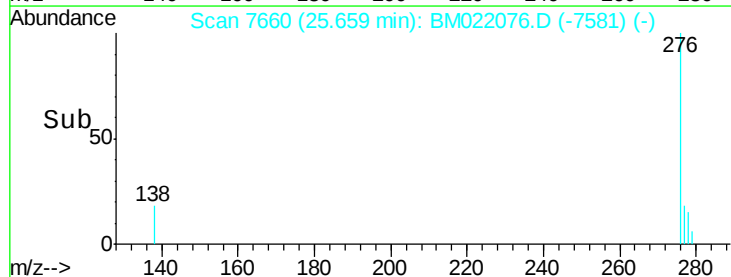
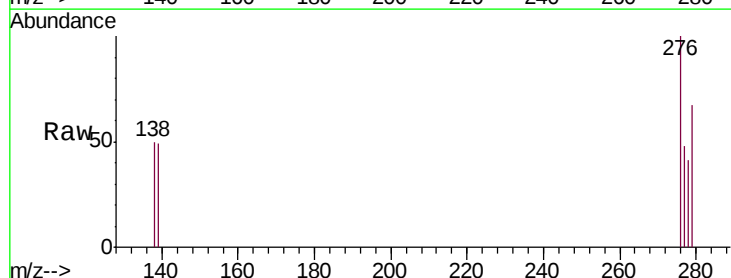
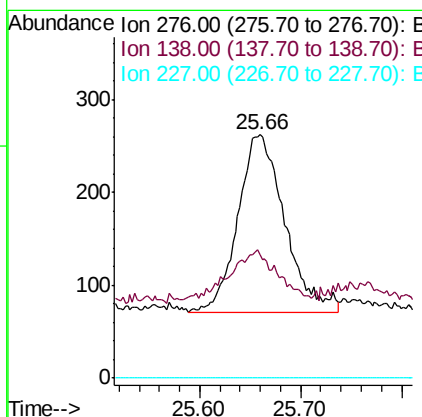
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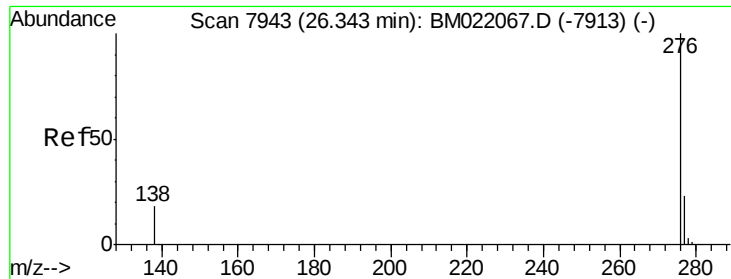
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng/u1
RT: 25.66 min Scan# 7660
Delta R.T. -0.01 min
Lab File: BM022076.D
Acq: 13 Aug 2019 18:48

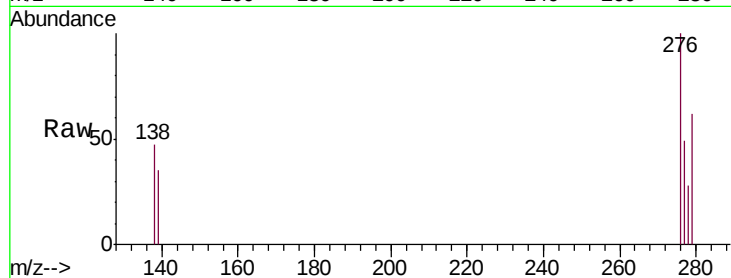
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	616		
138	31.5		15.1	22.7#
227	0.0		0.0	0.0





#26
 Benzo(g,h,i)perylene
 Concen: 0.055 ng/u1
 RT: 26.34 min Scan# 7939
 Delta R.T. -0.01 min
 Lab File: BM022076.D
 Acq: 13 Aug 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8



Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.7	15.5	23.3#
277	48.5	21.4	32.2#

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