

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022179.D
 Acq On : 16 Aug 2019 20:39
 Operator : HP/JU
 Sample : K4242-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9DL

Manual Integrations
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Quant Time: Aug 17 05:05:11 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 : Sat Aug 17 04:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	834	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	3729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	2287	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5266	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	5297	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5849	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	318	0.05	ng/ul	0.02
14) Fluoranthene-d10	19.05	212	958	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.05	178	4463	0.291	ng/ul	100
13) Anthracene	17.15	178	1031	0.079	ng/ul#	83
15) Fluoranthene	19.08	202	19445	0.947	ng/ul	97
17) Pyrene	19.45	202	16739	0.769	ng/ul	98
18) Benzo(a)anthracene	21.20	228	8718	0.460	ng/ul	94
19) Chrysene	21.25	228	9702	0.398	ng/ul#	93
21) Benzo(b)fluoranthene	22.77	252	13803m	0.700	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	5113m	0.229	ng/ul	
23) Benzo(a)pyrene	23.33	252	9162	0.457	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.64	276	7750	0.324	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	1713	0.088	ng/ul#	5
26) Benzo(g,h,i)perylene	26.32	276	6255	0.290	ng/ul#	82

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

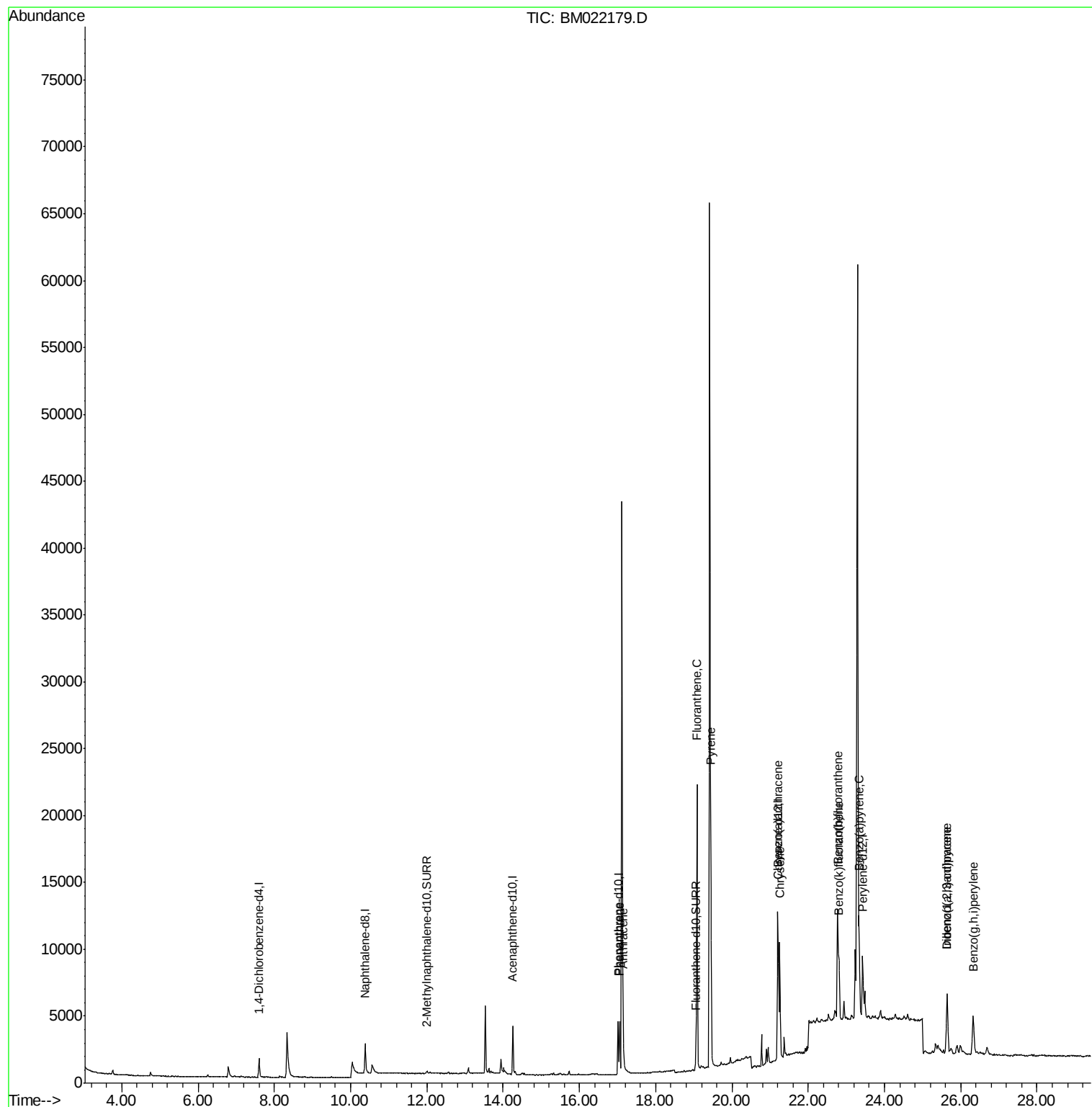
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
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ALS Vial : 8 Sample Multiplier: 1

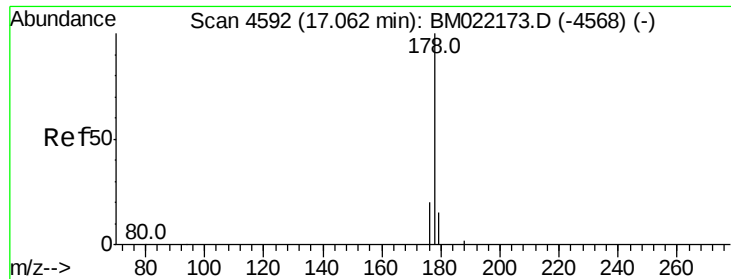
Instrument :
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QLast Update : Sat Aug 17 04:19:12 2019
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#12

Phenanthrene

Concen: 0.291 ng/ul

RT: 17.05 min Scan# 4589

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

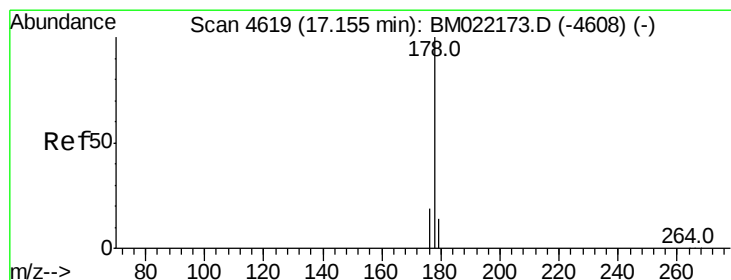
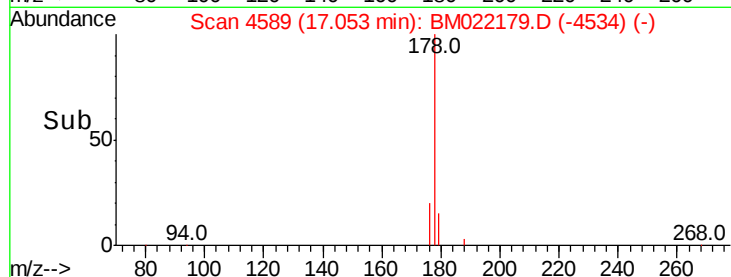
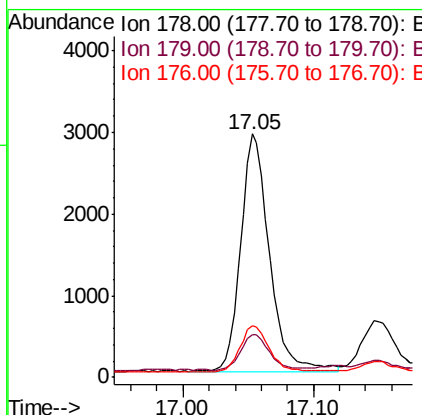
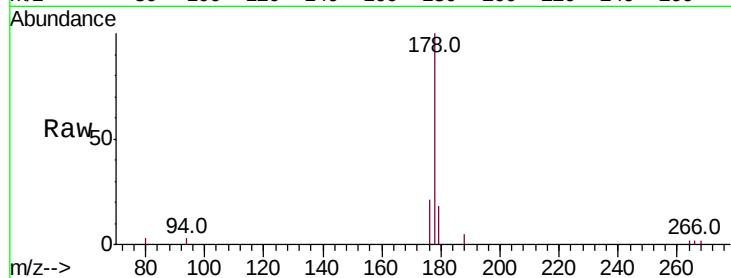
ClientSampleId :

C0AF9DL

Tot Ion:178	Resp:	4463
Ion Ratio	Lower	Upper
178 100		
179 17.6	14.2	21.2
176 21.3	16.8	25.2

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#13

Anthracene

Concen: 0.079 ng/ul

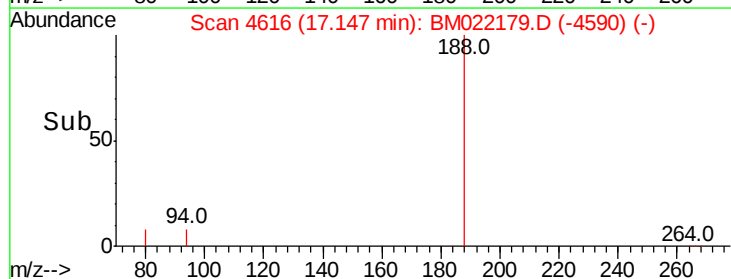
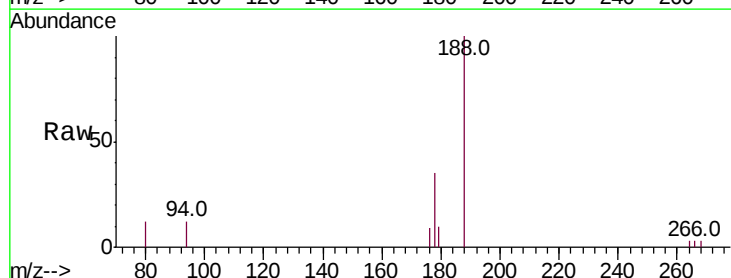
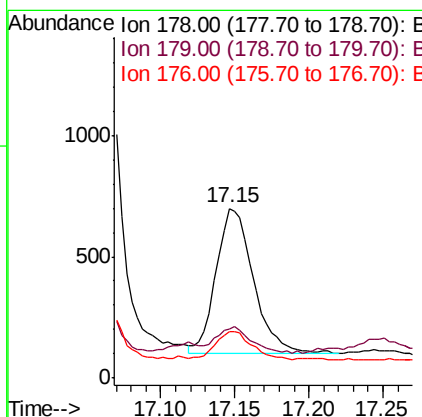
RT: 17.15 min Scan# 4616

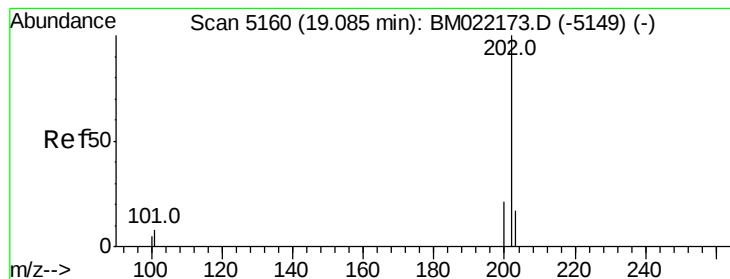
Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Tgt Ion:178	Resp:	1031
Ion Ratio	Lower	Upper
178 100		
179 29.1	15.5	23.3#
176 27.1	16.6	25.0#





#15

Fluoranthene

Concen: 0.947 ng/ul

RT: 19.08 min Scan# 5158

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

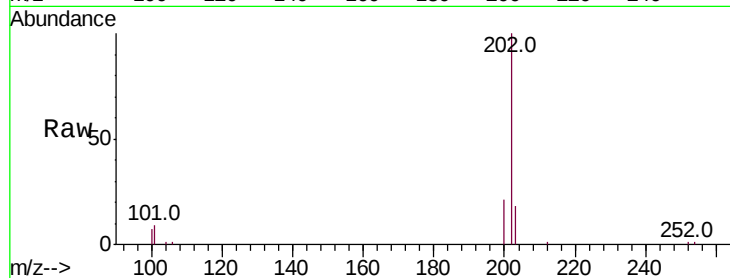
ClientSampleId :

C0AF9DL

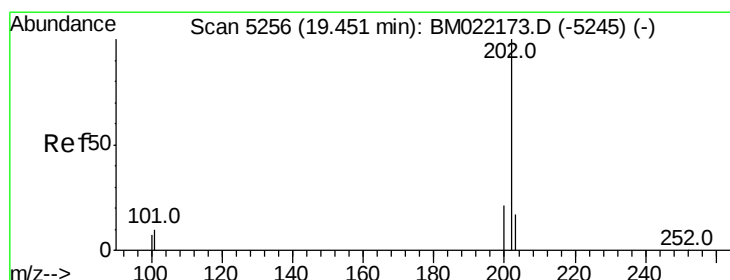
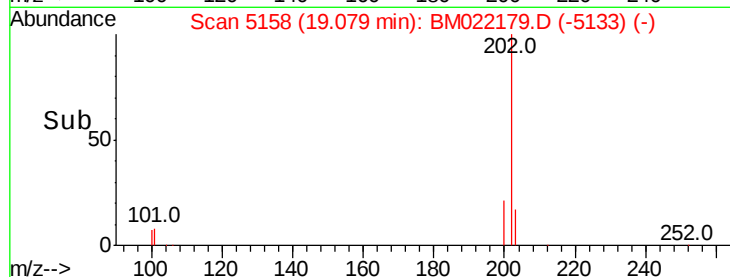
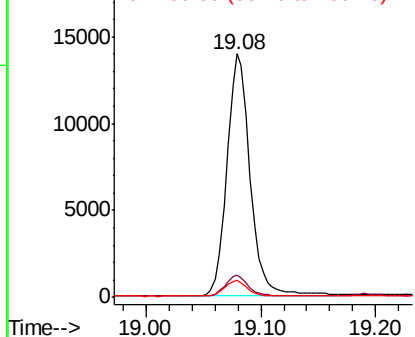
Tot Ion:	202	Resp:	19445
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	30.2
100	7.0	0.0	28.1

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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: 0.769 ng/ul

RT: 19.45 min Scan# 5254

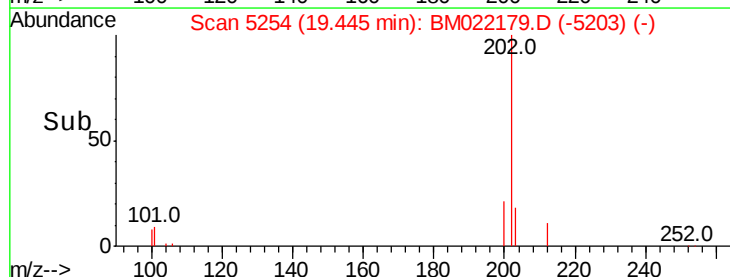
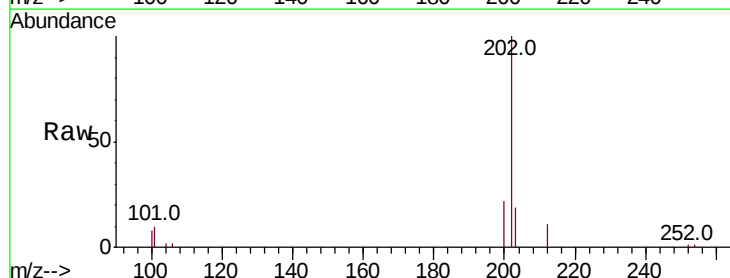
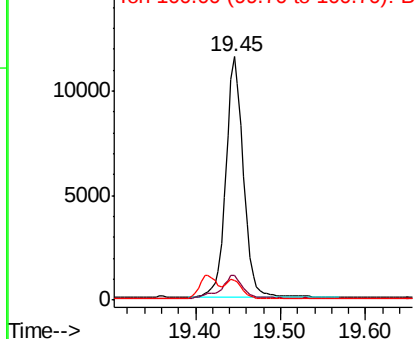
Delta R.T. -0.01 min

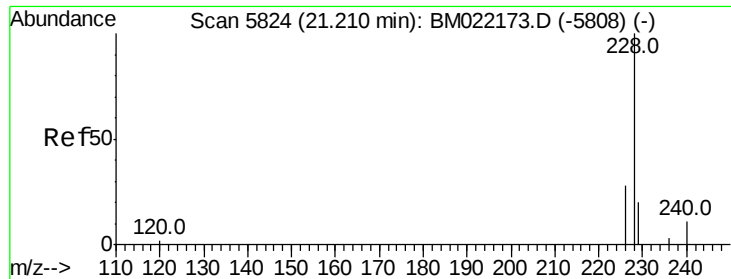
Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Tgt Ion:	202	Resp:	16739
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.3	12.5
100	8.2	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





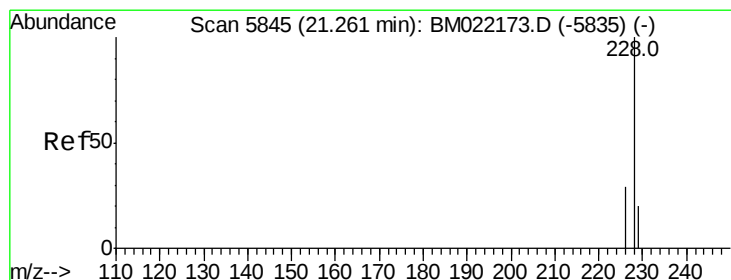
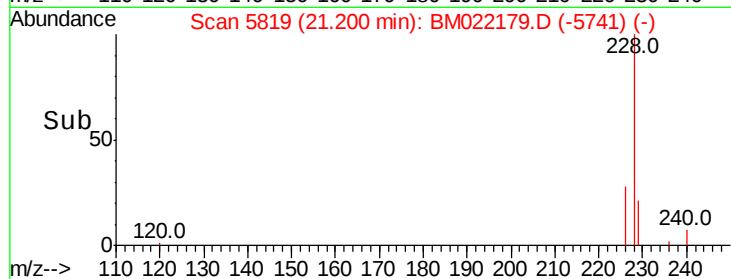
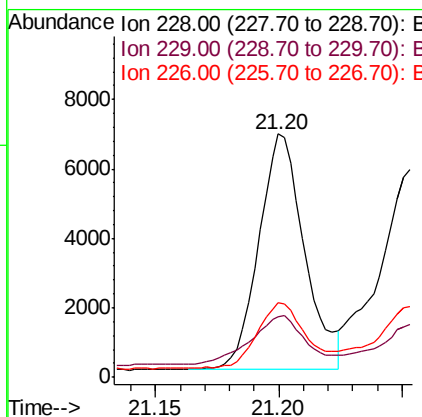
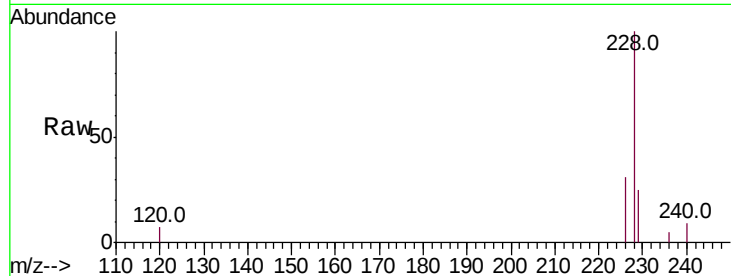
#18
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.01 min
Lab File: BM022179.D
Acq: 16 Aug 2019 20:39

Instrument :
BNA_M
ClientSampleId :
C0AF9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.1	17.2	25.8
226	30.8	22.6	34.0

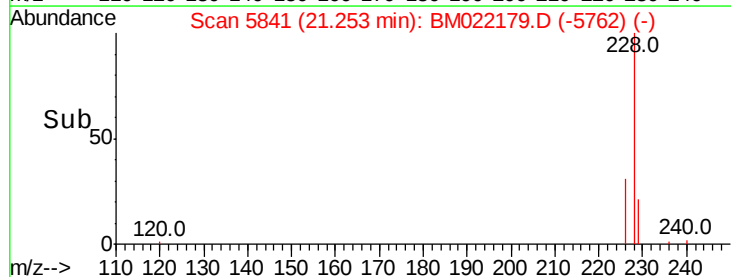
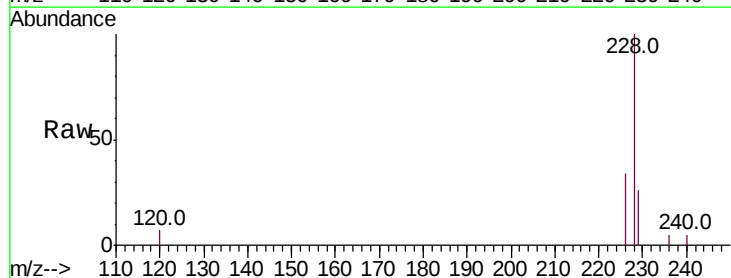
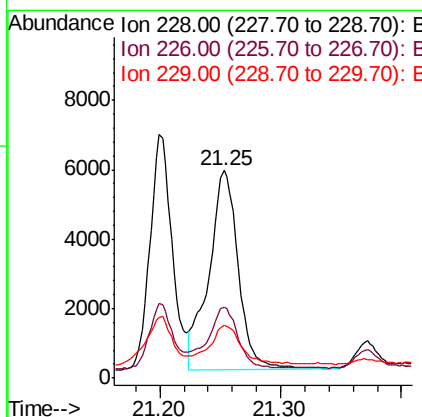
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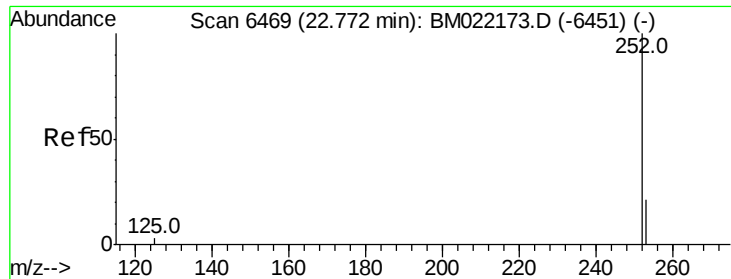
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#19
Chrysene
Concen: 0.398 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.01 min
Lab File: BM022179.D
Acq: 16 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.9	37.3
229	25.6	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 0.700 ng/ul m

RT: 22.77 min Scan# 6466

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

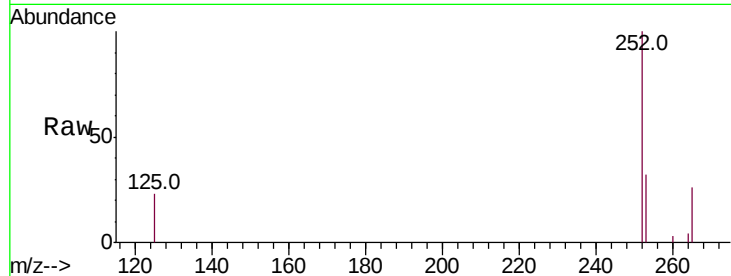
ClientSampleId :

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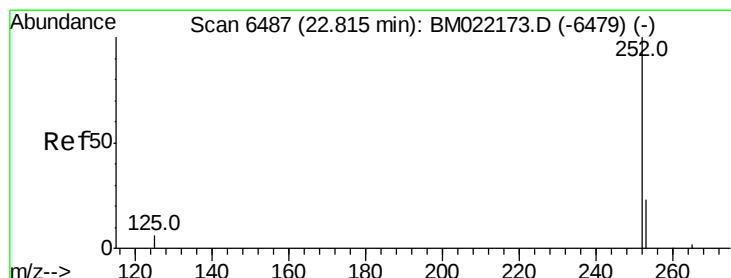
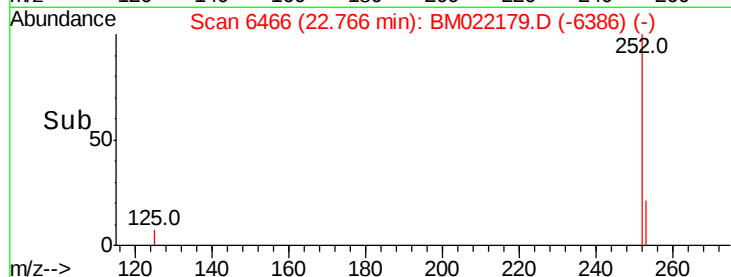
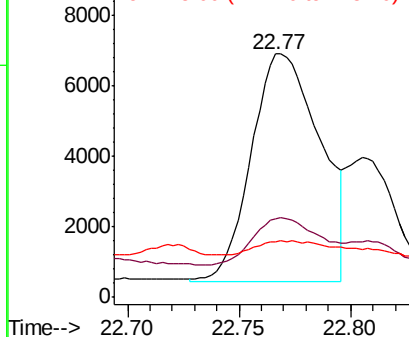
Tot Ion:	252	Resp:	13803
Ion Ratio	Lower	Upper	
252	100		
253	32.0	0.0	67.4
125	23.0	0.0	31.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.229 ng/ul m

RT: 22.81 min Scan# 6482

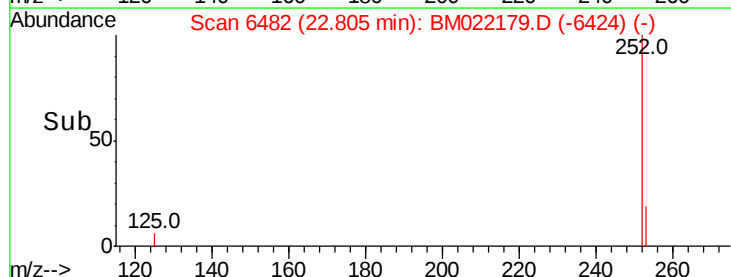
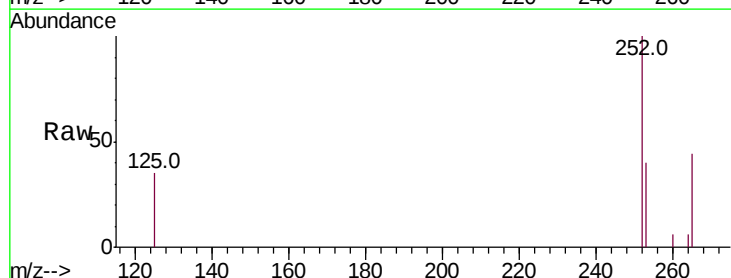
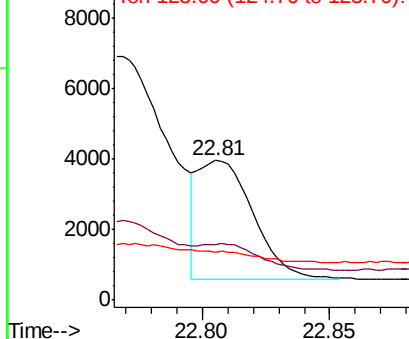
Delta R.T. -0.01 min

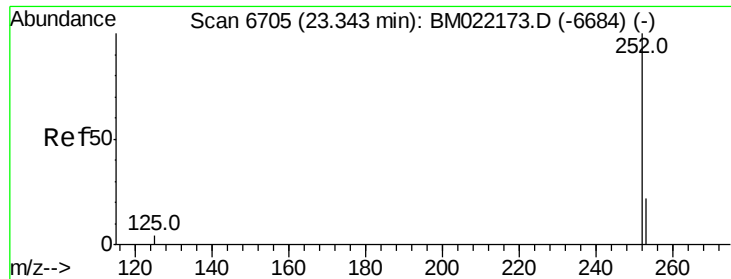
Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Tgt Ion:	252	Resp:	5113
Ion Ratio	Lower	Upper	
252	100		
253	40.1	27.0	40.4
125	34.5	12.2	18.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.457 ng/ul

RT: 23.33 min Scan# 6699

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

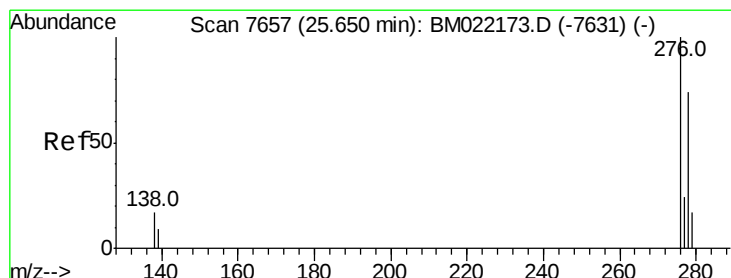
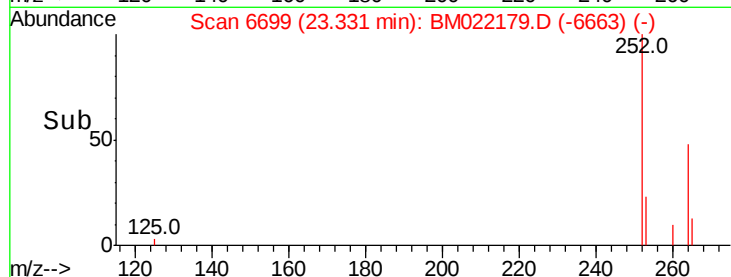
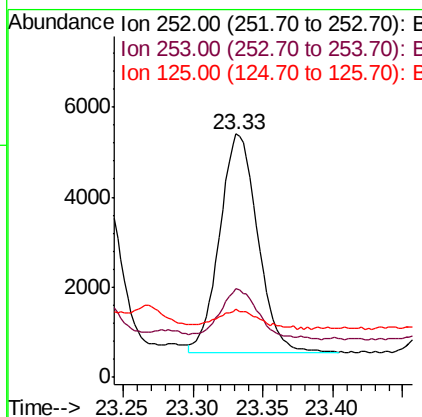
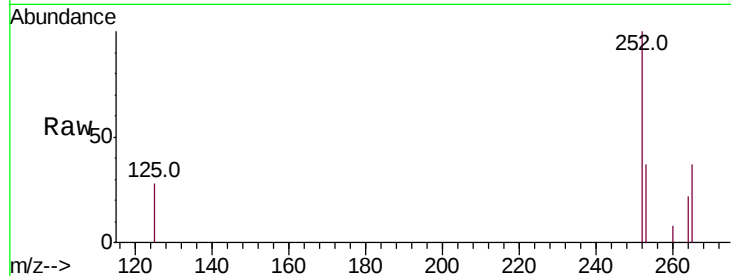
ClientSampleId :

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Tot Ion:	252	Resp:	9162
Ion Ratio	Lower	Upper	
252	100		
253	36.5	31.7	47.5
125	27.9	14.6	21.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng/ul

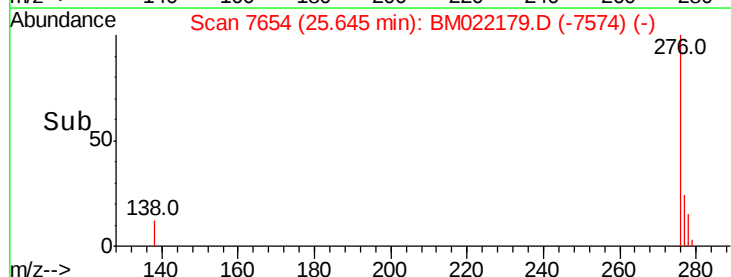
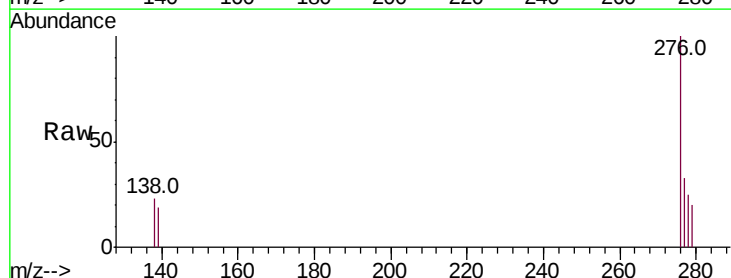
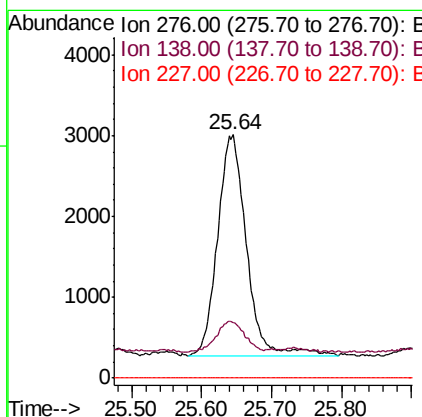
RT: 25.64 min Scan# 7654

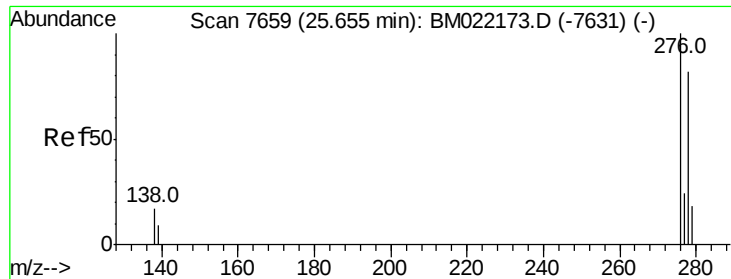
Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Tgt Ion:	276	Resp:	7750
Ion Ratio	Lower	Upper	
276	100		
138	15.5	15.1	22.7
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.088 ng/u1

RT: 25.64 min Scan# 7652

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

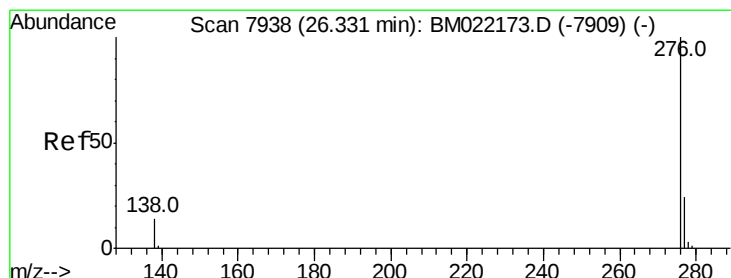
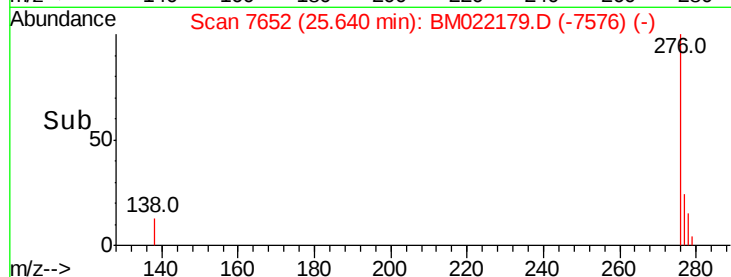
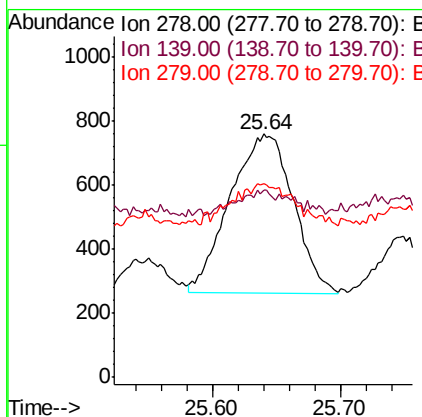
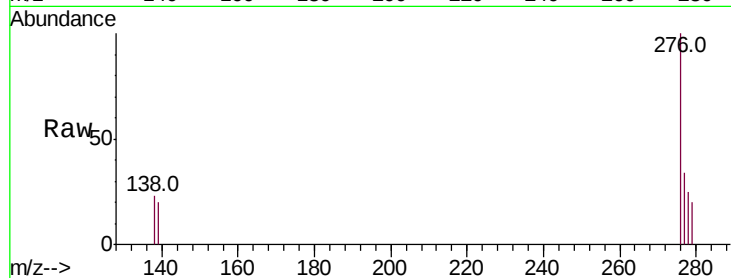
ClientSampleId :

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Tot Ion:	278	Resp:	1713
Ion Ratio	Lower	Upper	
278	100		
139	77.0	14.2	21.2#
279	79.4	28.3	42.5#

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#26

Benzo(g,h,i)perylene

Concen: 0.290 ng/u1

RT: 26.32 min Scan# 7934

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Tgt Ion:	276	Resp:	6255
Ion Ratio	Lower	Upper	
276	100		
138	26.6	15.5	23.3#
277	36.6	21.4	32.2#

