

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022626.D
 Acq On : 10 Sep 2019 18:58
 Operator : HP/JU
 Sample : K4708-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q1

Manual Integrations
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mohammad
 9/11/2019 8:21:35 AM

Quant Time: Sep 10 19:36:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	18039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	76183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	40236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	86742m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	64640m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	64358	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	23487	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	49393m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.25	178	12636m	0.046	ng/ul	
15) Fluoranthene	19.27	202	26468m	0.089	ng/ul	
17) Pyrene	19.63	202	25662m	0.088	ng/ul	
18) Benzo(a)anthracene	21.38	228	12606m	0.051	ng/ul	
19) Chrysene	21.43	228	16135	0.062	ng/ul	95
21) Benzo(b)fluoranthene	22.99	252	20752m	0.074	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	8207m	0.029	ng/ul	
23) Benzo(a)pyrene	23.58	252	12588	0.051	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.99	276	10321	0.035	ng/ul#	80
26) Benzo(g,h,i)perylene	26.70	276	10265	0.043	ng/ul#	77

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

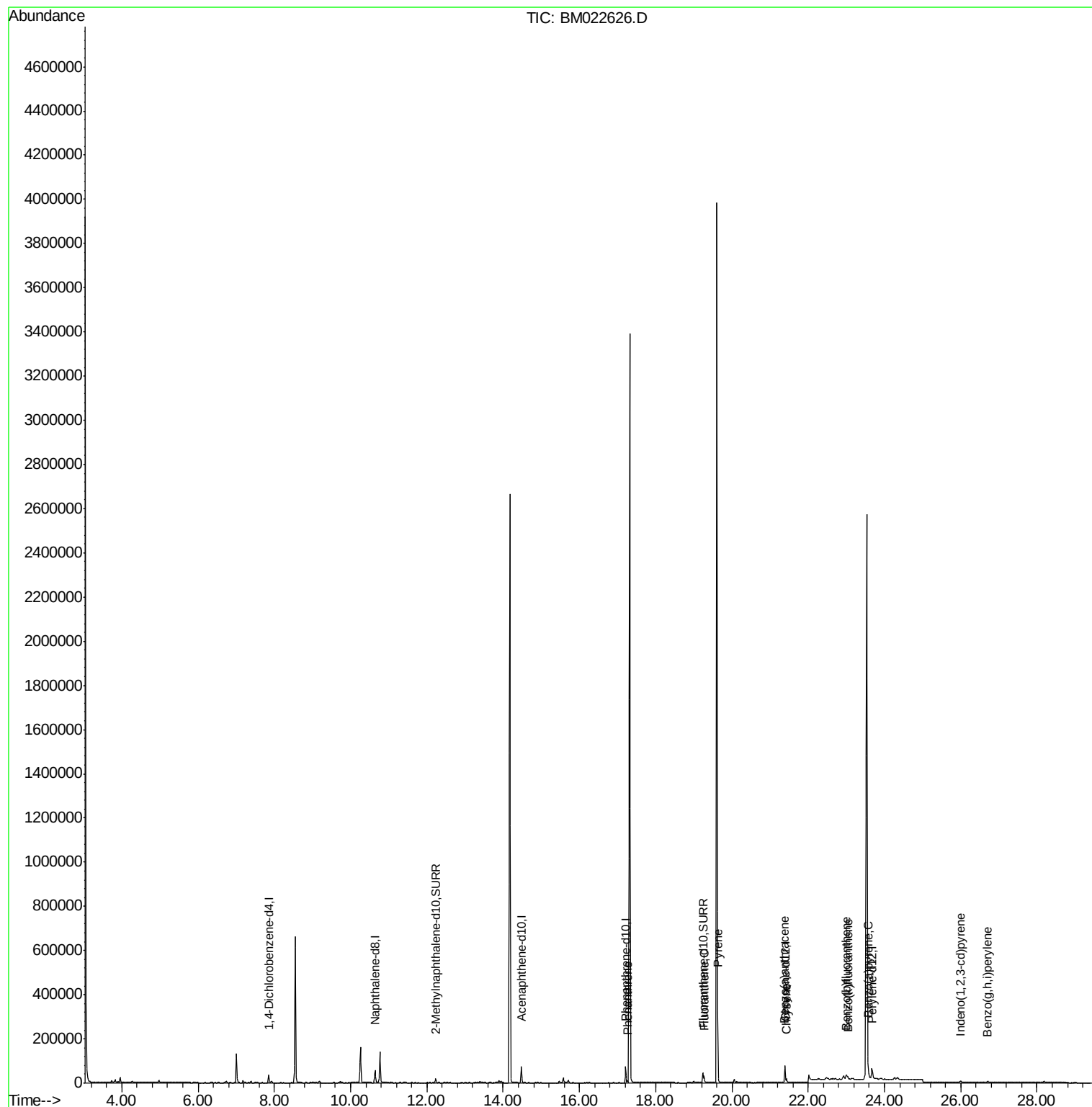
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022626.D
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ALS Vial : 14 Sample Multiplier: 1

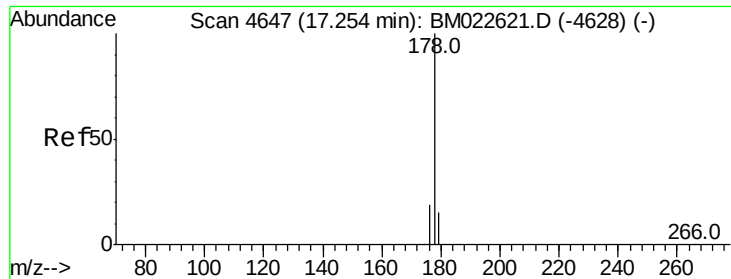
Instrument :
BNA_M
ClientSampleId :
CB5Q1

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#12

Phenanthrene

Concen: 0.046 ng/ul m

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022626.D

Acq: 10 Sep 2019 18:58

Instrument :

BNA_M

ClientSampleId :

CB5Q1

Tot Ion:178 Resp: 12636

Ion Ratio Lower Upper

178 100

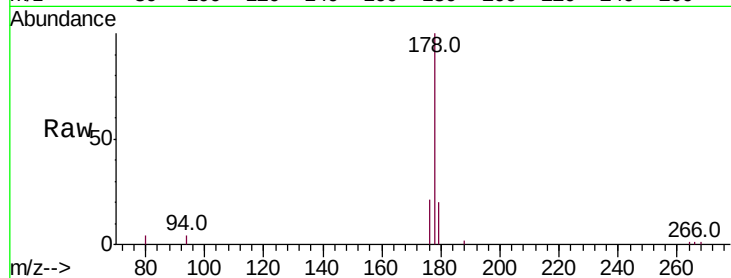
179 19.8 12.4 18.6#

176 20.8 15.3 22.9

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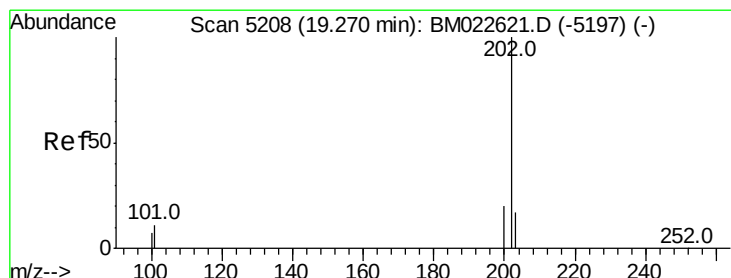
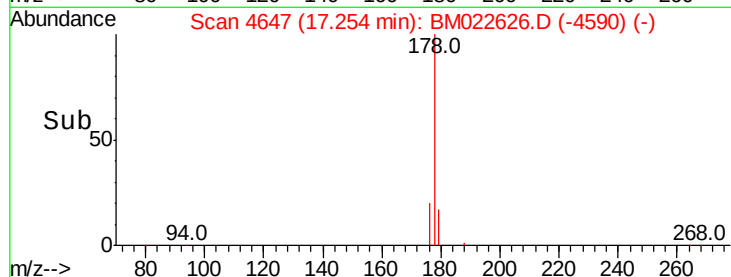
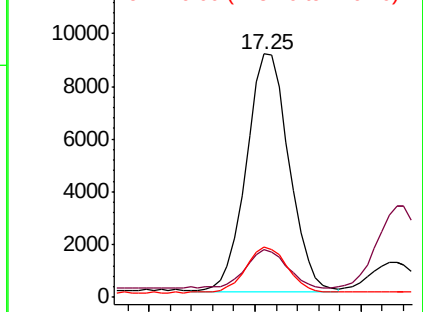


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.089 ng/ul m

RT: 19.27 min Scan# 5208

Delta R.T. -0.00 min

Lab File: BM022626.D

Acq: 10 Sep 2019 18:58

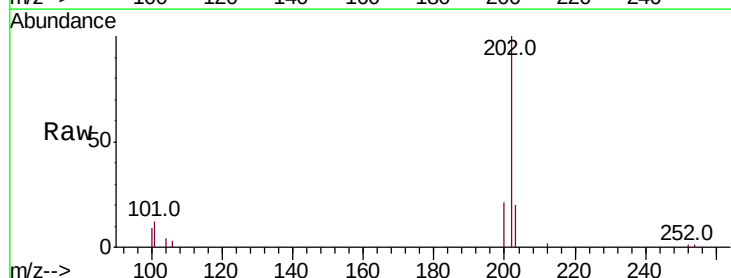
Tgt Ion:202 Resp: 26468

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.5

100 9.0 0.0 28.0

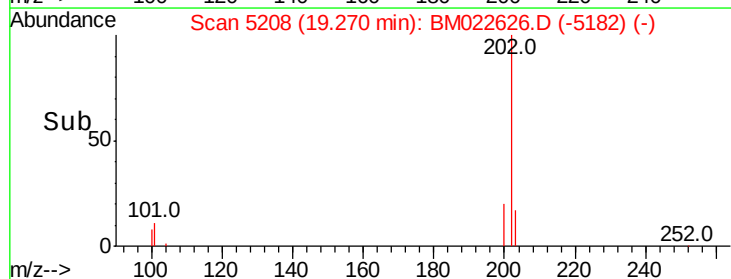
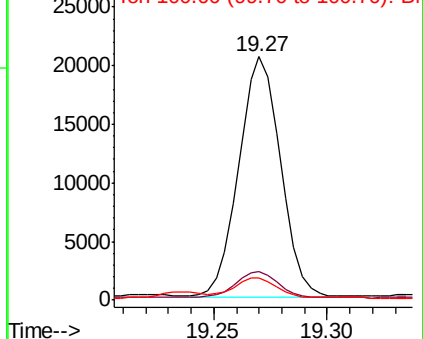


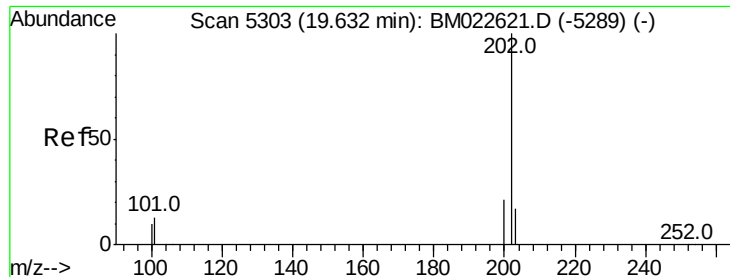
Abundance

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): E





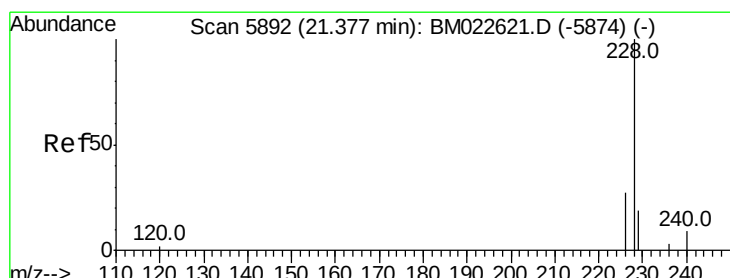
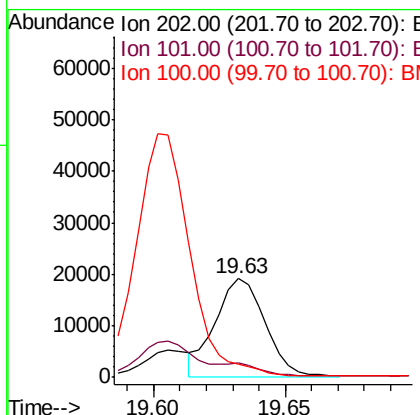
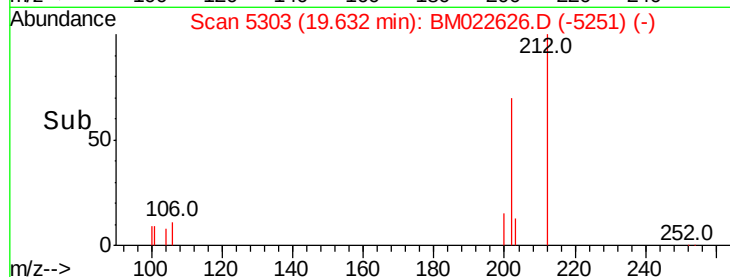
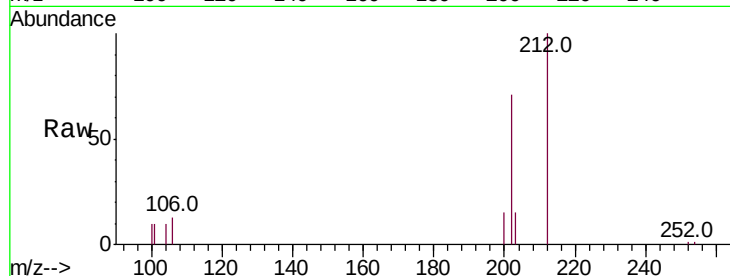
#17
Pvrene
Concen: 0.088 ng/ul m
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022626.D
Acq: 10 Sep 2019 18:58

Instrument :
BNA_M
ClientSampleId :
CB5Q1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	25662		
101	14.3	10.0	15.0	
100	13.7	8.1	12.1	

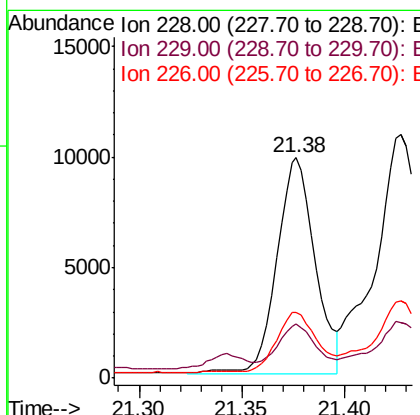
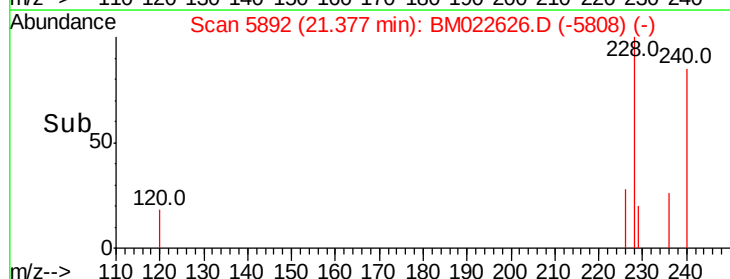
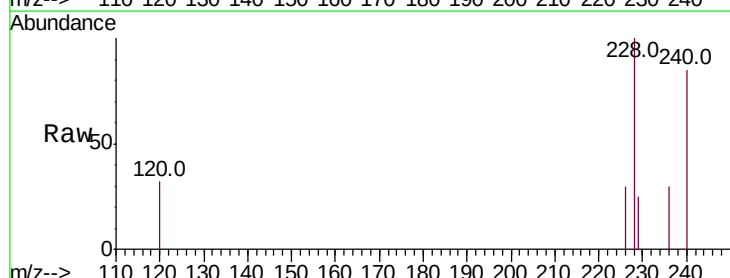
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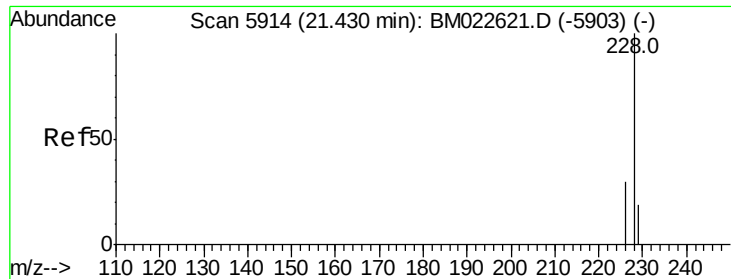
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#18
Benzo(a)anthracene
Concen: 0.051 ng/ul m
RT: 21.38 min Scan# 5892
Delta R.T. 0.00 min
Lab File: BM022626.D
Acq: 10 Sep 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12606		
229	24.6	15.6	23.4	
226	29.6	22.0	33.0	





#19

Chrysene

Concen: 0.062 ng/ul

RT: 21.43 min Scan# 5913

Delta R.T. -0.00 min

Lab File: BM022626.D

Acq: 10 Sep 2019 18:58

Instrument :

BNA_M

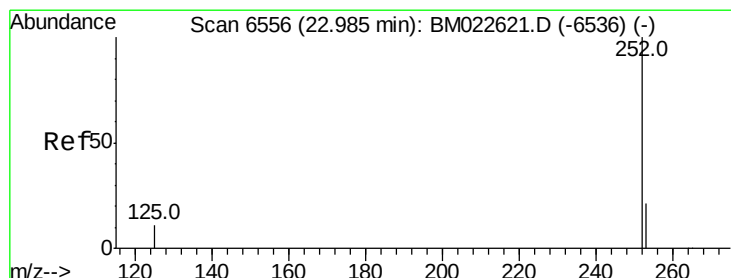
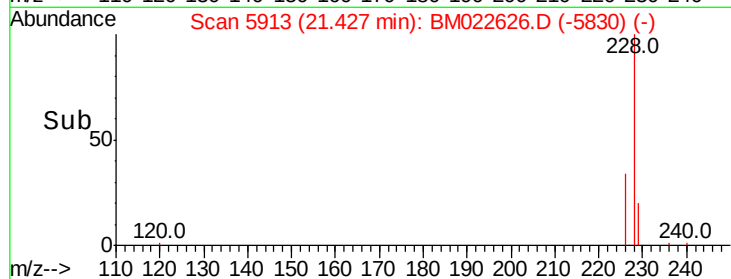
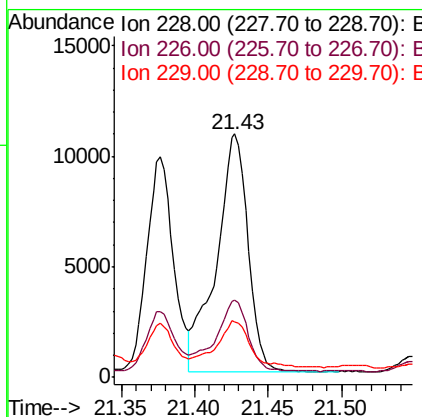
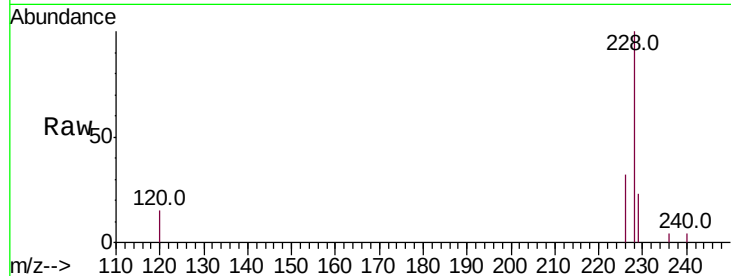
ClientSampleId :

CB5Q1

Tot Ion:	228	Resp:	16135
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.8	35.8
229	22.8	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.074 ng/ul m

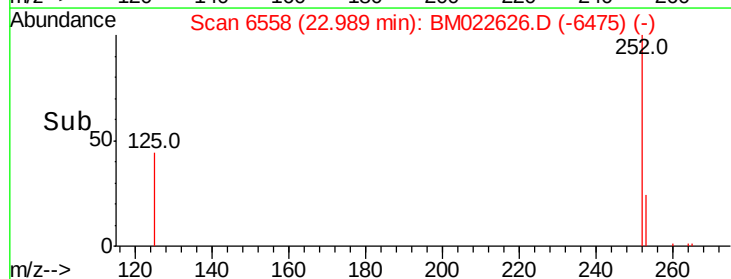
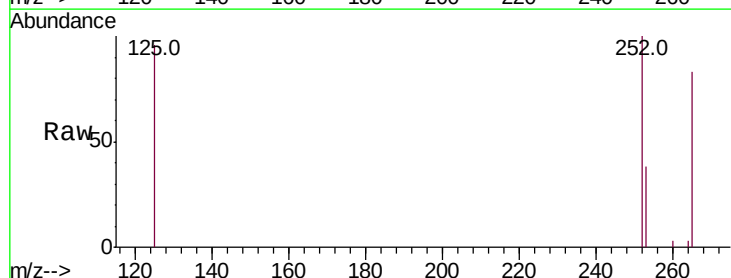
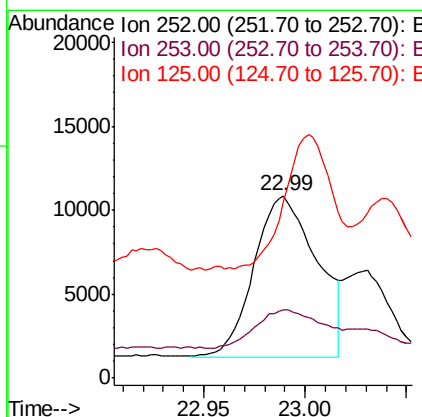
RT: 22.99 min Scan# 6558

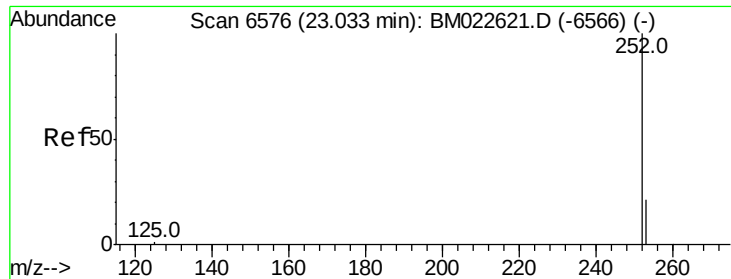
Delta R.T. 0.00 min

Lab File: BM022626.D

Acq: 10 Sep 2019 18:58

Tgt Ion:	252	Resp:	20752
Ion Ratio	Lower	Upper	
252	100		
253	37.6	0.0	48.4
125	96.3	0.0	31.2#





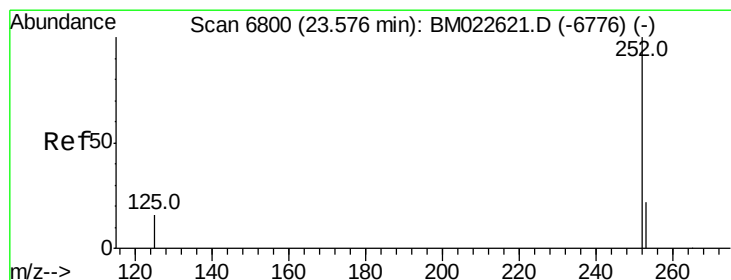
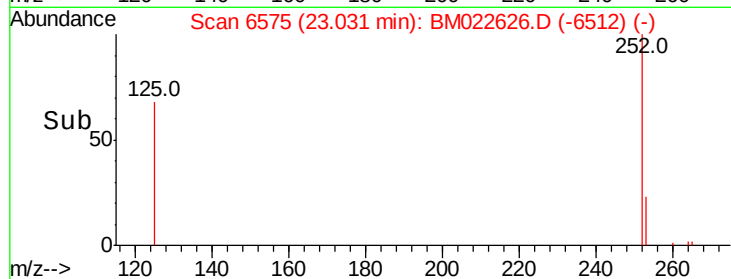
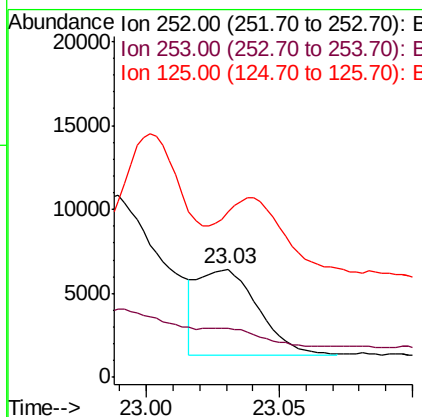
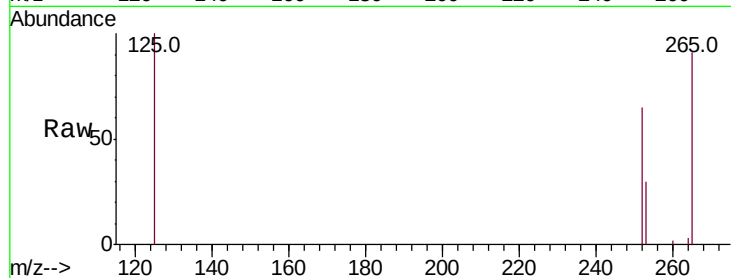
#22
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.03 min Scan# 6575
Delta R.T. 0.00 min
Lab File: BM022626.D
Acq: 10 Sep 2019 18:58

Instrument :
BNA_M
ClientSampleId :
CB5Q1

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.0	19.5	29.3#
125	153.3	11.2	16.8#

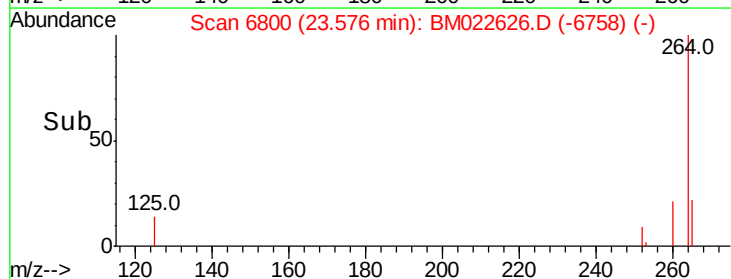
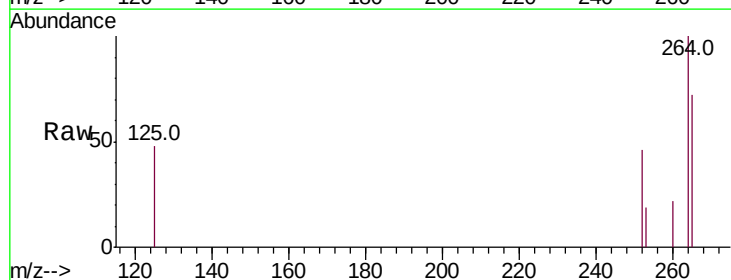
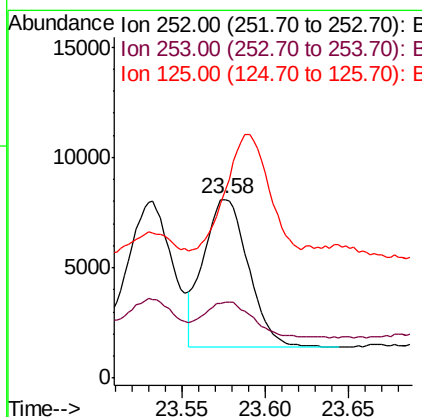
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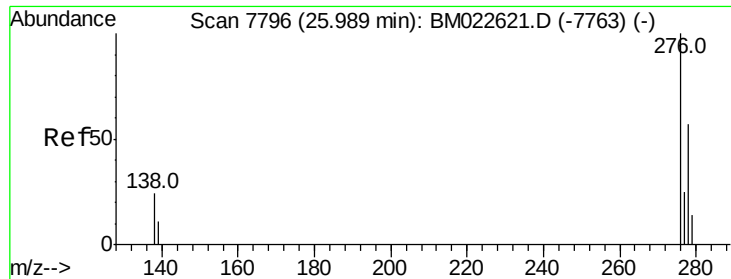
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#23
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.58 min Scan# 6800
Delta R.T. 0.00 min
Lab File: BM022626.D
Acq: 10 Sep 2019 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.7	20.2	30.2#
125	105.7	15.7	23.5#





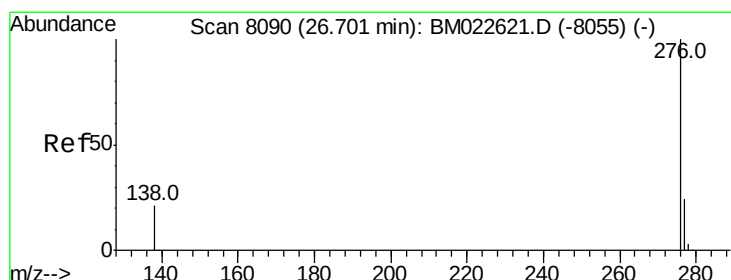
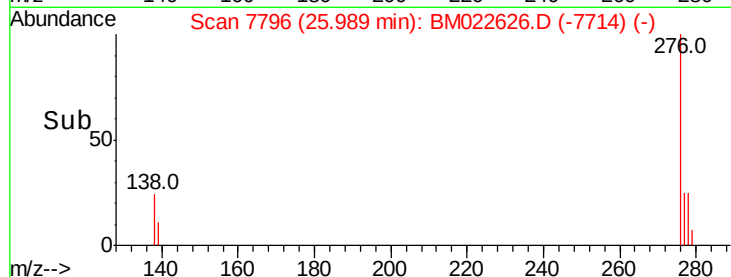
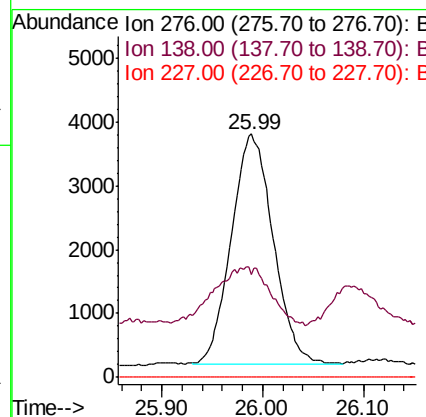
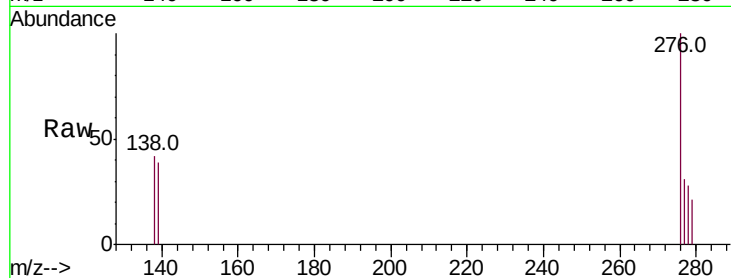
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.035 ng/ul
 RT: 25.99 min Scan# 7796
 Delta R.T. -0.00 min
 Lab File: BM022626.D
 Acq: 10 Sep 2019 18:58

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q1

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.8	21.1	31.7#
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.043 ng/ul
 RT: 26.70 min Scan# 8090
 Delta R.T. 0.00 min
 Lab File: BM022626.D
 Acq: 10 Sep 2019 18:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.6	18.2	27.4#
277	29.6	19.2	28.8#

