

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
 Data File : BM025519.D
 Acq On : 12 Mar 2020 12:53
 Operator : CG/JU
 Sample : L1677-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB7

Manual Integrations
 APPROVED

Quant Time: Mar 13 04:48:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2549	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	10893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	7664	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	16265	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	10874	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	11140	0.40	ng/ul	0.00

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System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5829	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	12947	0.29	ng/ul	0.00

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Target Compounds				Ovalue		
12) Phenanthrene	17.07	178	4732	0.092	ng/ul	95
15) Fluoranthene	19.09	202	10881	0.195	ng/ul	97
17) Pyrene	19.45	202	8983	0.184	ng/ul	98
18) Benzo(a)anthracene	21.20	228	3020m	0.078	ng/ul	
19) Chrysene	21.25	228	4365	0.100	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	4737m	0.107	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	2355m	0.051	ng/ul	
23) Benzo(a)pyrene	23.30	252	3092	0.084	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.57	276	2580	0.052	ng/ul#	63
26) Benzo(g,h,i)perylene	26.23	276	2488	0.058	ng/ul#	83

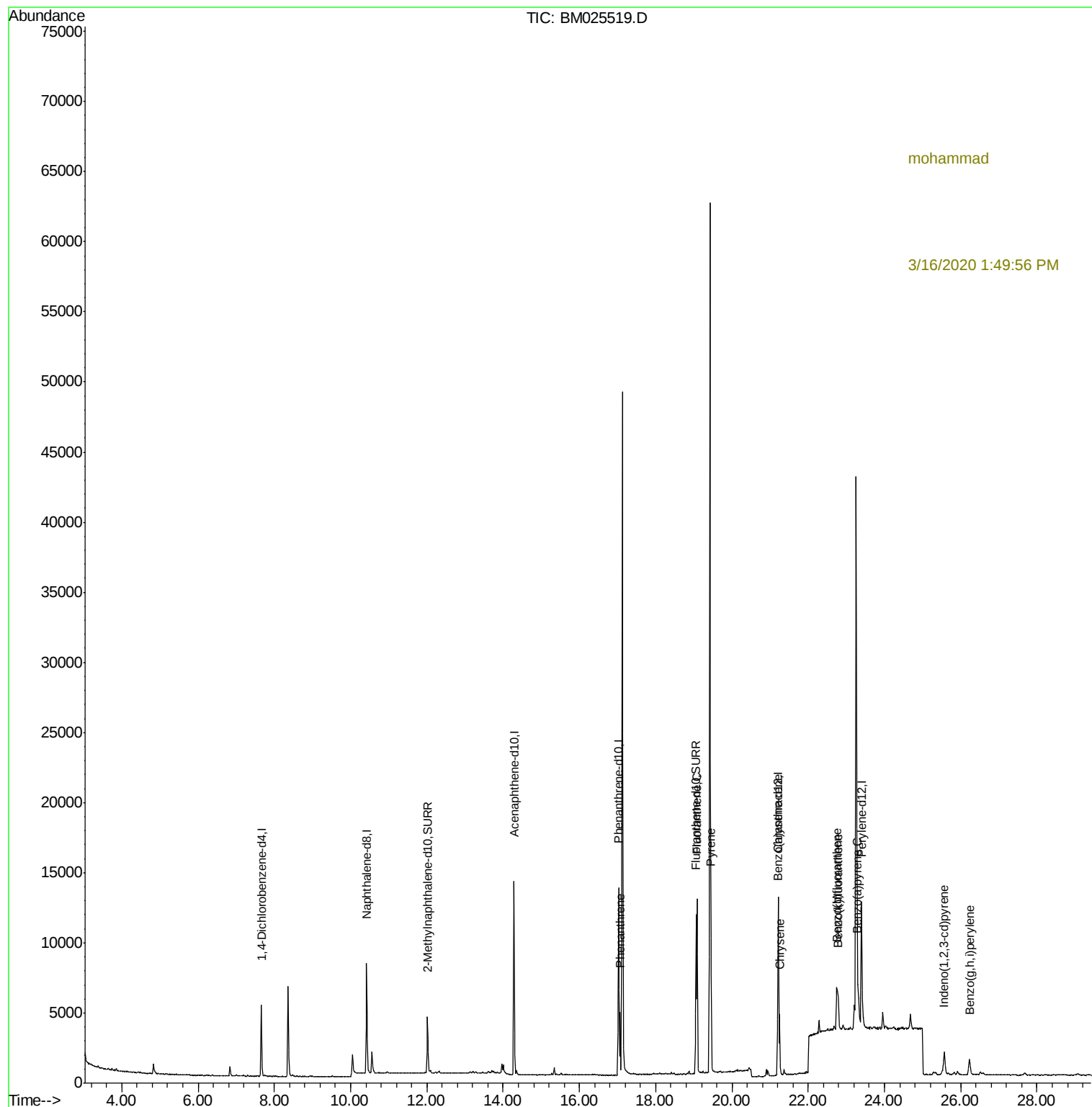
(#) = qualifier out of range (m) = manual integration (+) = signals summed

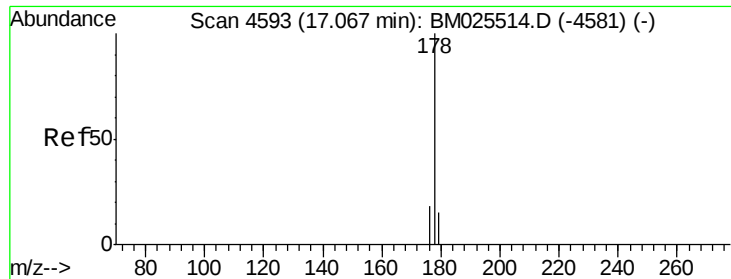
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.092 ng/ul

RT: 17.07 min Scan# 4593

Delta R.T. -0.01 min

Lab File: BM025519.D

Acq: 12 Mar 2020 12:53

Instrument :

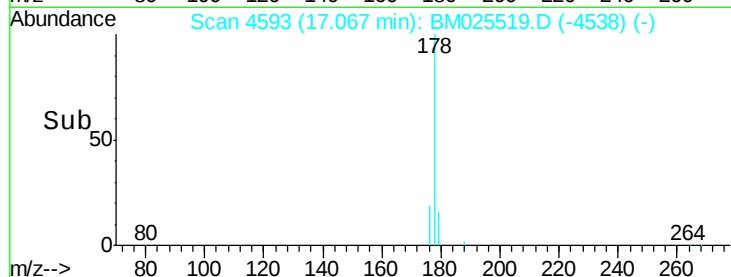
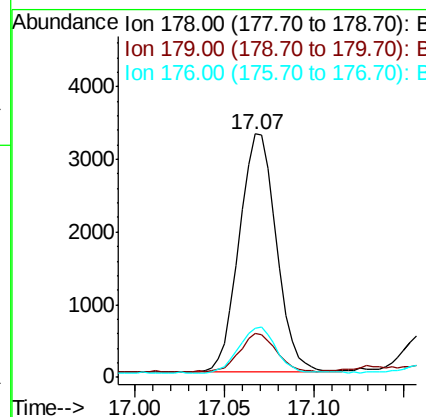
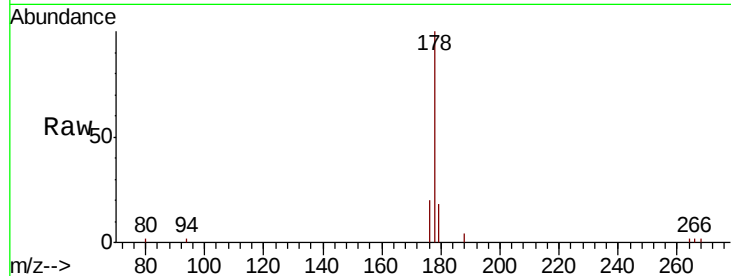
BNA_M

ClientSampleId :

C0CB7

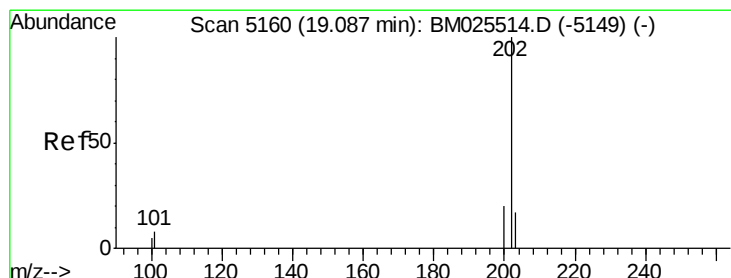
Tot Ion:	178	Resp:	4732
Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.4	18.6
176	20.2	14.8	22.2

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#15

Fluoranthene

Concen: 0.195 ng/ul

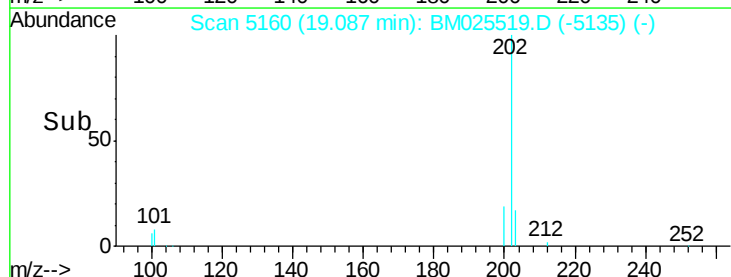
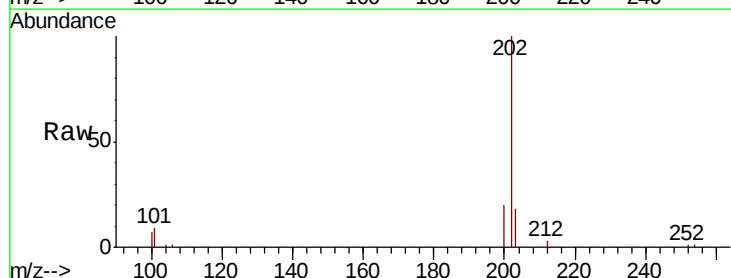
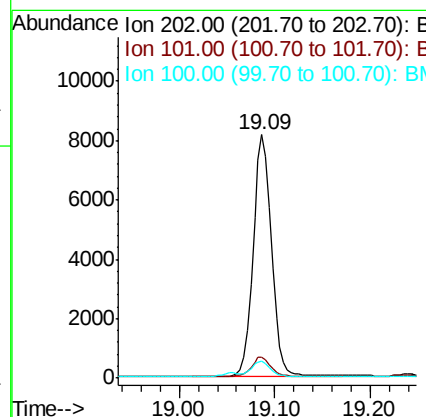
RT: 19.09 min Scan# 5160

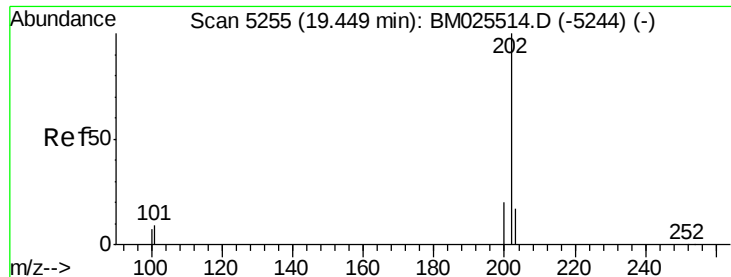
Delta R.T. -0.01 min

Lab File: BM025519.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	202	Resp:	10881
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.9	0.0	26.0



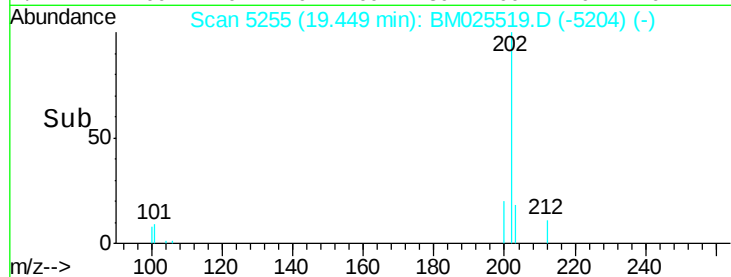
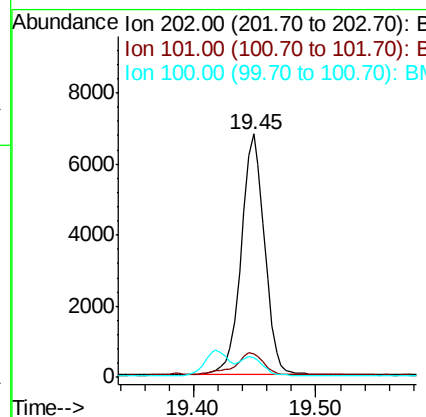
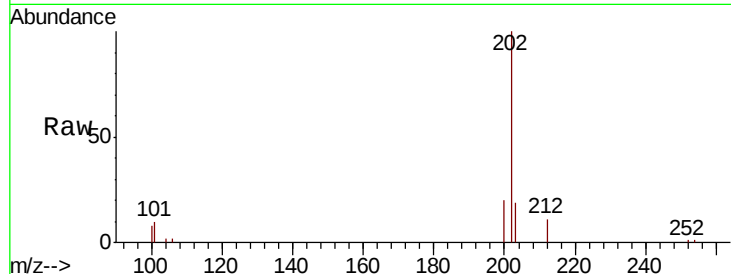


#17
Pvrene
Concen: 0.184 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.01 min
Lab File: BM025519.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_M
ClientSampleId :
C0CB7

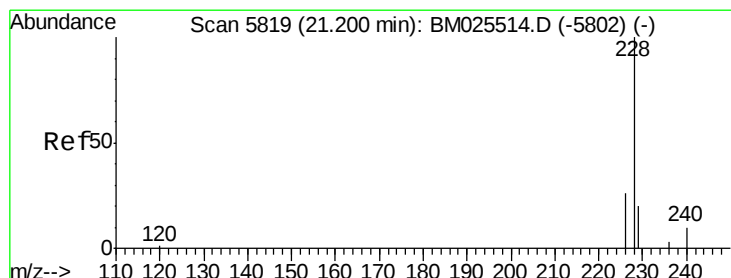
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	7.1	10.7
100	8.3	6.0	9.0

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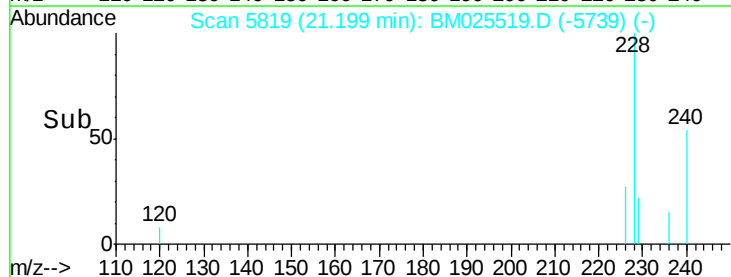
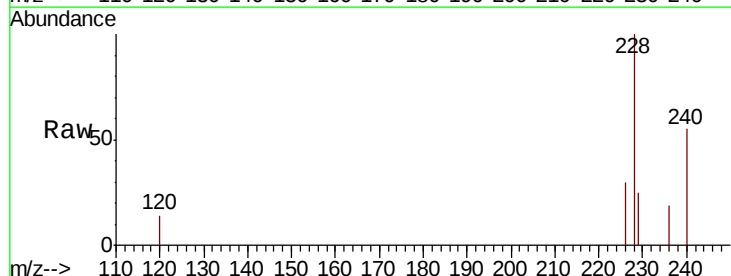
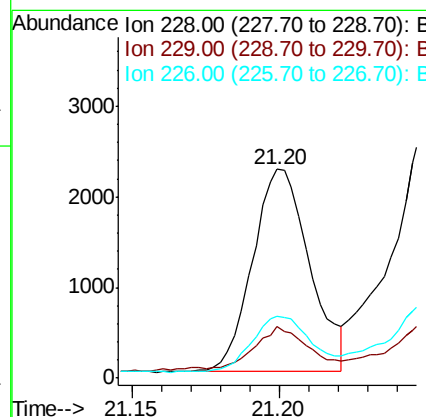
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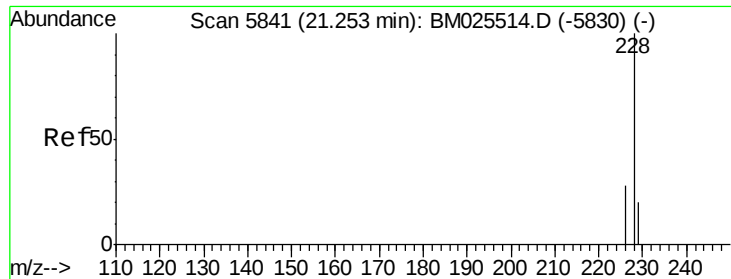
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#18
Benzo(a)anthracene
Concen: 0.078 ng/ul m
RT: 21.20 min Scan# 5819
Delta R.T. -0.01 min
Lab File: BM025519.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.7	15.6	23.4#
226	29.6	21.1	31.7





#19

Chrysene

Concen: 0.100 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.01 min

Lab File: BM025519.D

Acq: 12 Mar 2020 12:53

Instrument :

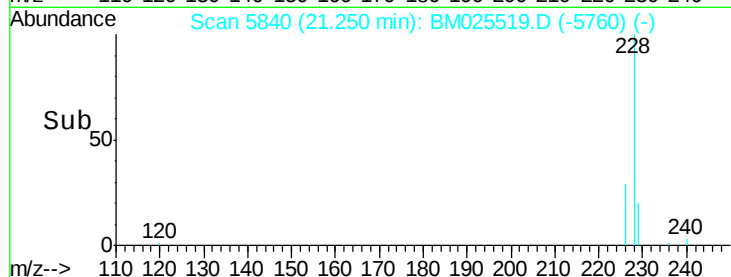
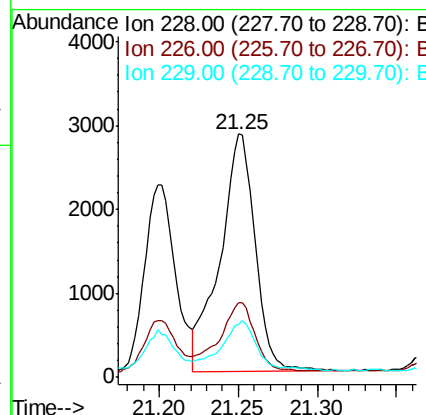
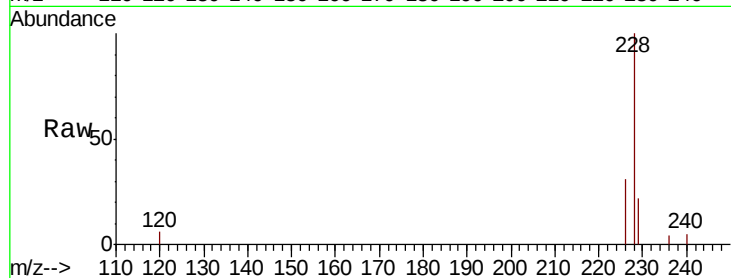
BNA_M

ClientSampled :

C0CB7

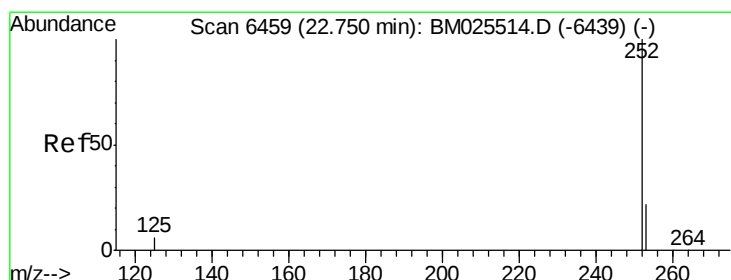
Tot Ion:	228	Resp:	4365
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	21.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.107 ng/ul m

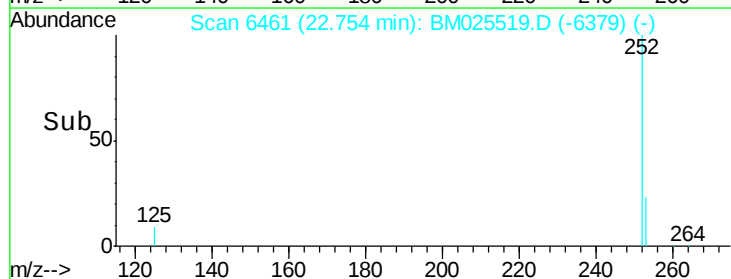
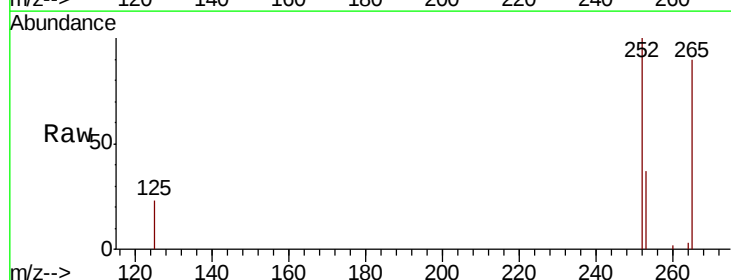
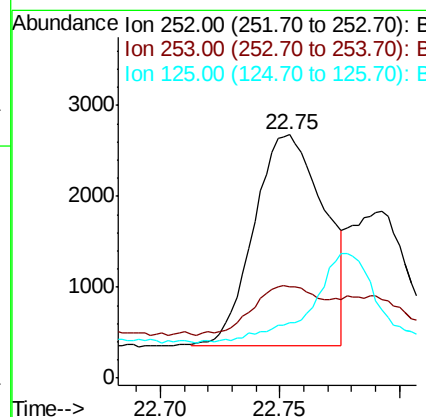
RT: 22.75 min Scan# 6461

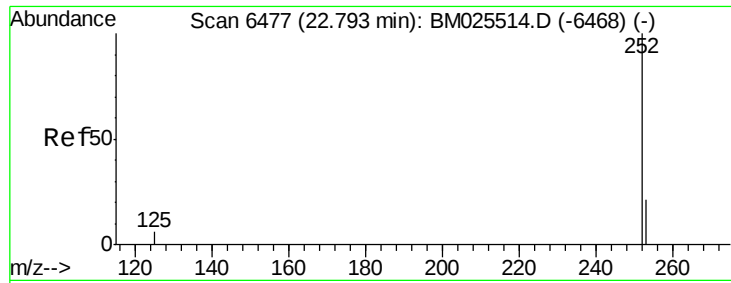
Delta R.T. -0.00 min

Lab File: BM025519.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	252	Resp:	4737
Ion	Ratio	Lower	Upper
252	100		
253	37.5	0.0	50.2
125	23.0	0.0	17.6#



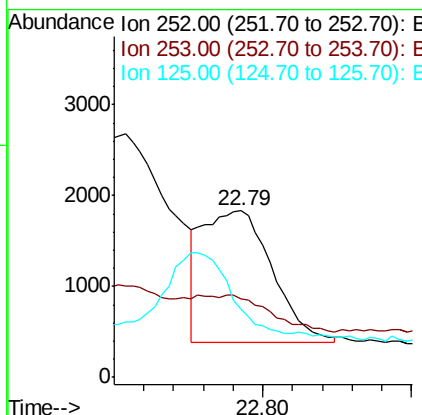
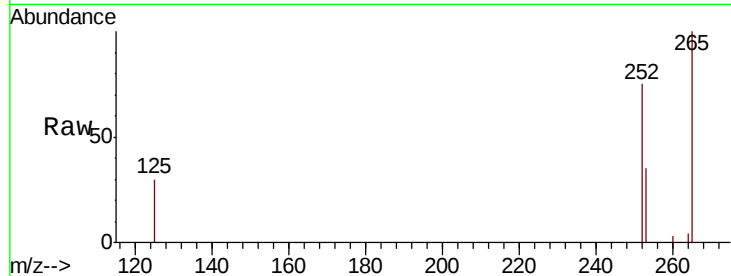


#22
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025519.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_M
ClientSampleId :
C0CB7

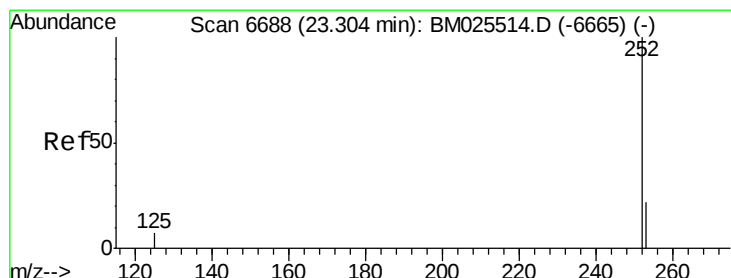
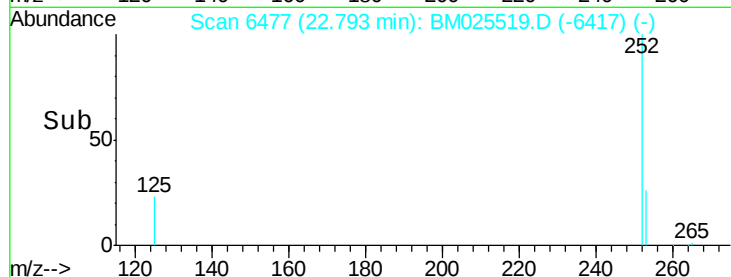
Tot Ion	Ratio	Lower	Upper
252	100		
253	47.0	19.8	29.8#
125	40.7	7.1	10.7#

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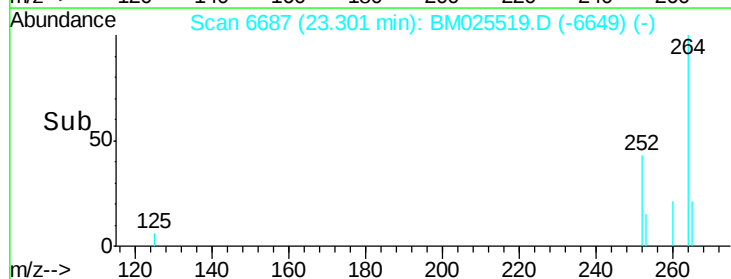
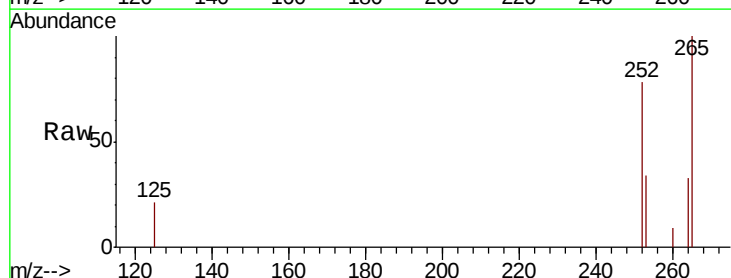
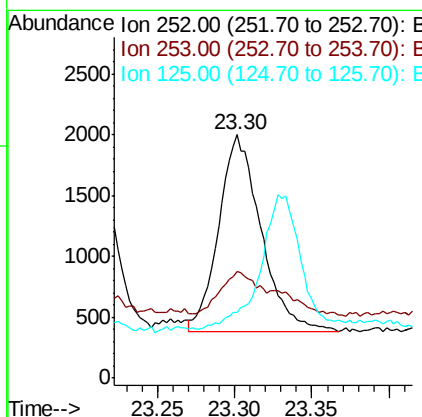
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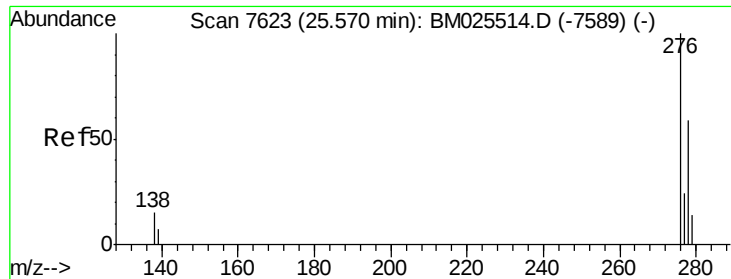
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#23
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.30 min Scan# 6687
Delta R.T. -0.01 min
Lab File: BM025519.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.7	21.3	31.9#
125	26.9	8.5	12.7#



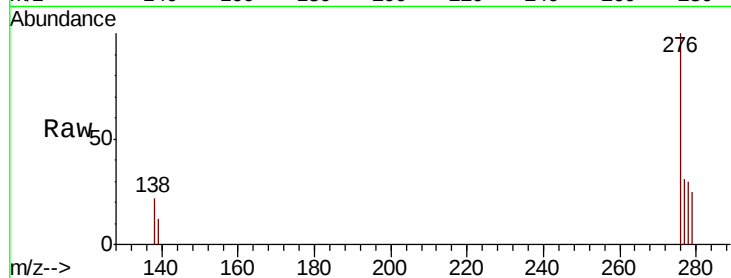


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/u1
RT: 25.57 min Scan# 7622
Delta R.T. -0.01 min
Lab File: BM025519.D
Acq: 12 Mar 2020 12:53

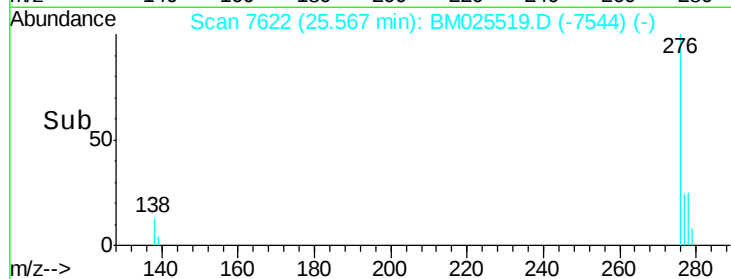
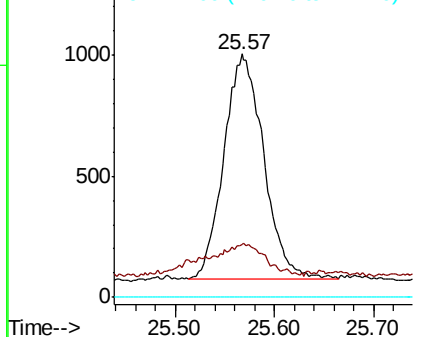
Instrument :
BNA_M
ClientSampleId :
C0CB7

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.3	18.5#
227	0.0	0.0	0.0

Manual Integrations
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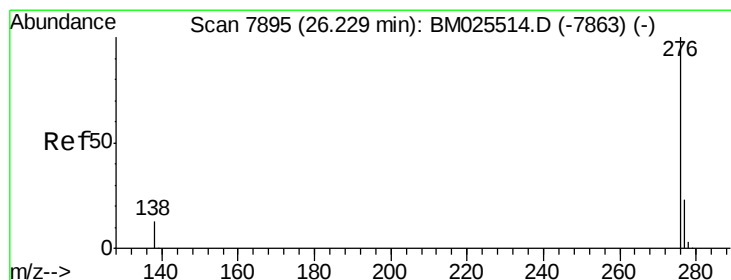


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



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#26
Benzo(g,h,i)perylene
Concen: 0.058 ng/u1
RT: 26.23 min Scan# 7895
Delta R.T. -0.01 min
Lab File: BM025519.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	11.0	16.4#
277	31.0	19.8	29.6#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

