

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040320\
 Data File : BM025898.D
 Acq On : 02 Apr 2020 12:06
 Operator : CG/JU
 Sample : L1516-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD24

Manual Integrations
 APPROVED

mohammad
 4/3/2020 8:05:11 AM

Quant Time: Apr 02 12:45:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2405	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	10226	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	7312	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	17259m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	19572	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	19860	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	4860	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	13897	0.26	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.99	178	166925	3.070	ng/ul	98
15) Fluoranthene	19.01	202	432186	6.433	ng/ul	99
17) Pyrene	19.38	202	356081	5.080	ng/ul	99
18) Benzo(a)anthracene	21.13	228	48434	0.692	ng/ul	100
19) Chrysene	21.18	228	77382	1.013	ng/ul	100
21) Benzo(b)fluoranthene	22.66	252	22492m	0.308	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	10793m	0.138	ng/ul	
23) Benzo(a)pyrene	23.20	252	10630	0.163	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.41	276	13654	0.156	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.42	278	3987	0.055	ng/ul#	82
26) Benzo(g,h,i)perylene	26.06	276	11014	0.149	ng/ul	96

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

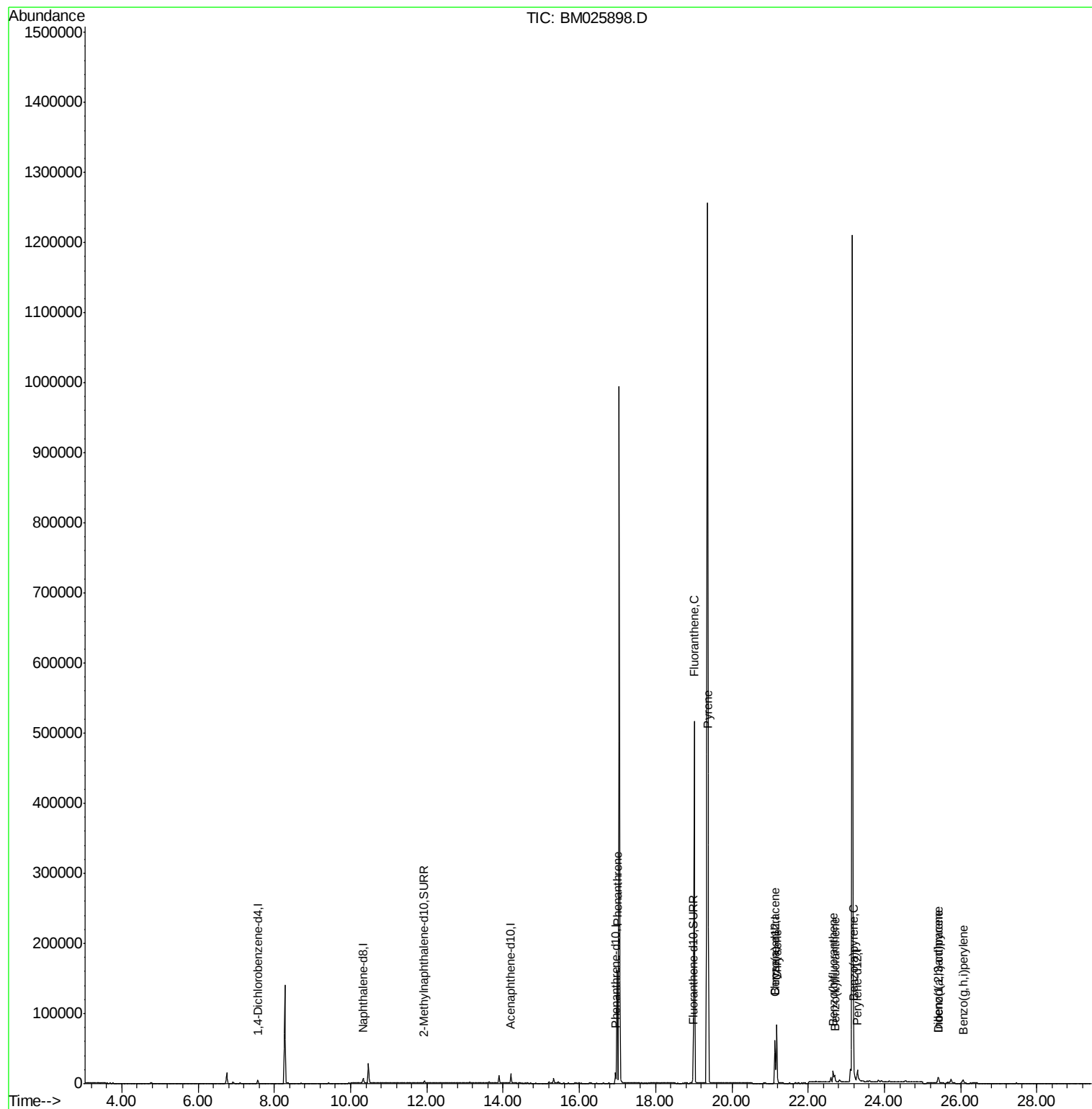
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040320\
Data File : BM025898.D
Acq On : 02 Apr 2020 12:06
Operator : CG/JU
Sample : L1516-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

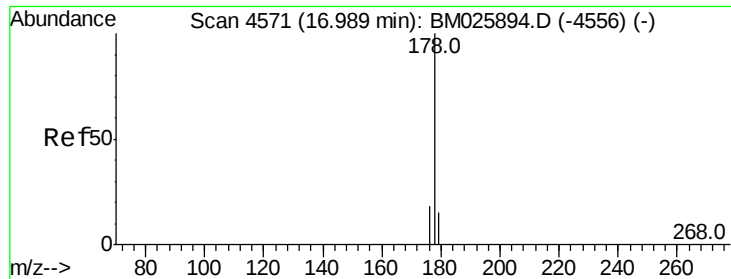
Instrument :
BNA_M
ClientSampleId :
DBD24

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Quant Time: Apr 02 12:45:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 3.070 ng/ul

RT: 16.99 min Scan# 4571

Delta R.T. 0.00 min

Lab File: BM025898.D

Acq: 02 Apr 2020 12:06

Instrument :

BNA_M

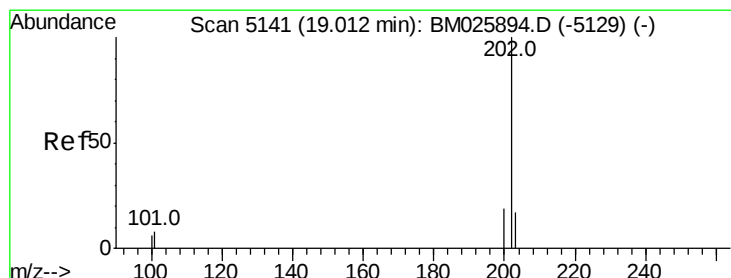
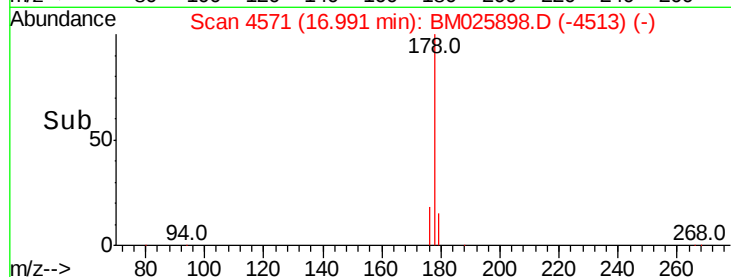
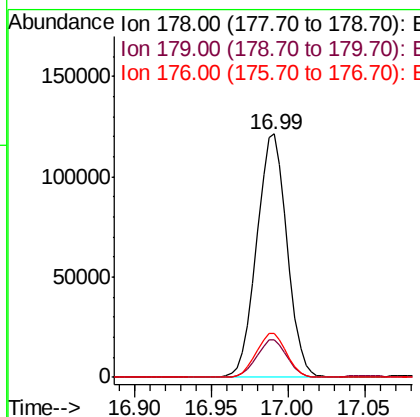
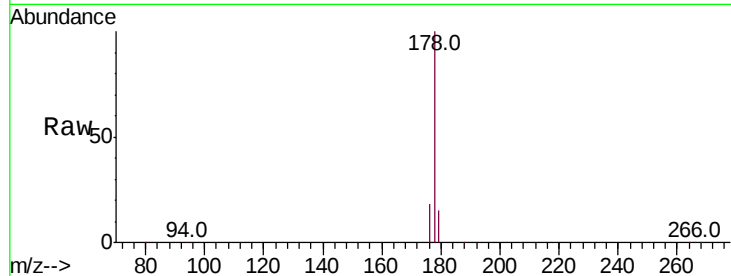
ClientSampleId :

DBD24

Tot Ion:	178	Resp:	166925
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	17.9	15.1	22.7

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#15

Fluoranthene

Concen: 6.433 ng/ul

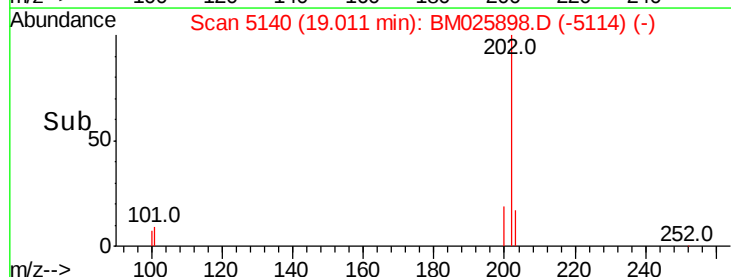
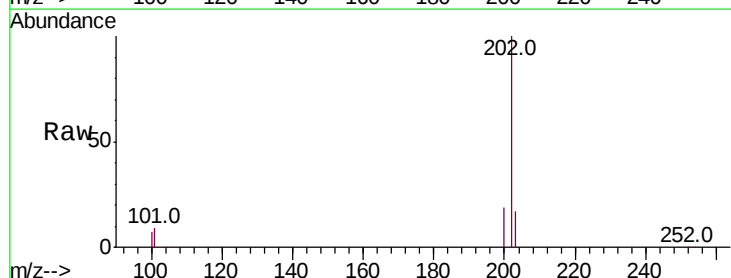
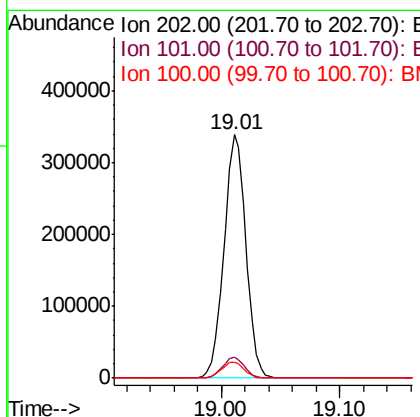
RT: 19.01 min Scan# 5140

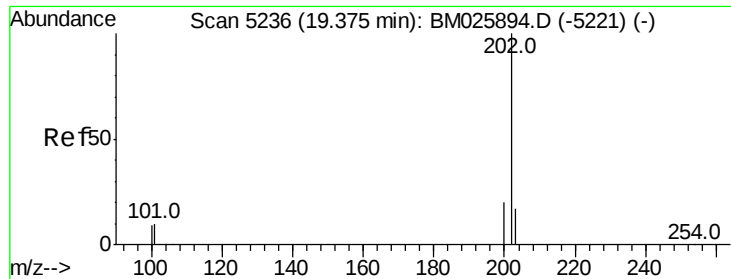
Delta R.T. -0.00 min

Lab File: BM025898.D

Acq: 02 Apr 2020 12:06

Tgt Ion:	202	Resp:	432186
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	28.6
100	6.6	0.0	27.0





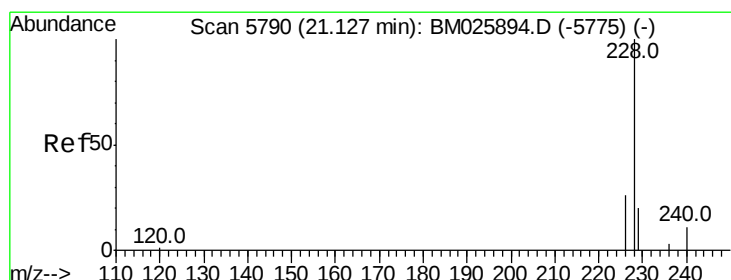
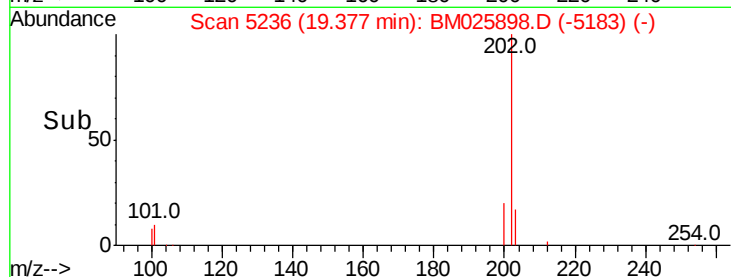
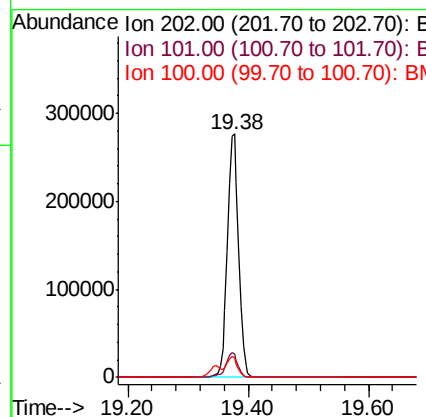
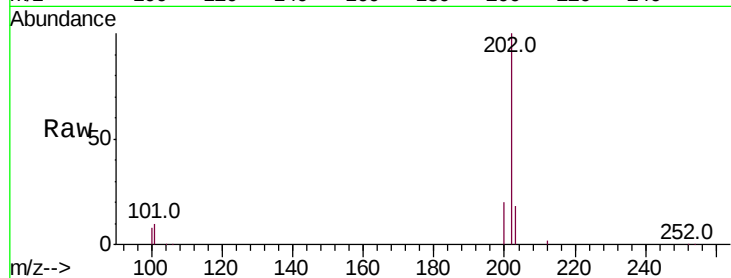
#17
Pvrene
Concen: 5.080 ng/ul
RT: 19.38 min Scan# 5236
Delta R.T. 0.00 min
Lab File: BM025898.D
Acq: 02 Apr 2020 12:06

Instrument :
BNA_M
ClientSampleId :
DBD24

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	7.5	11.3
100	7.8	6.3	9.5

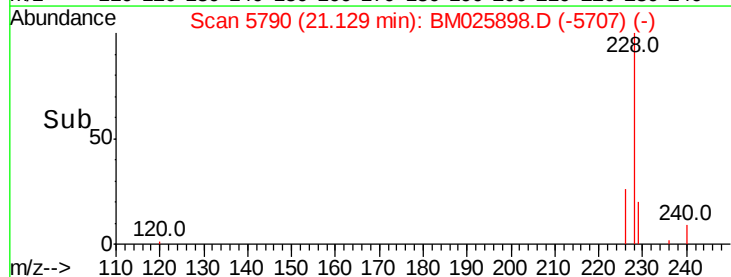
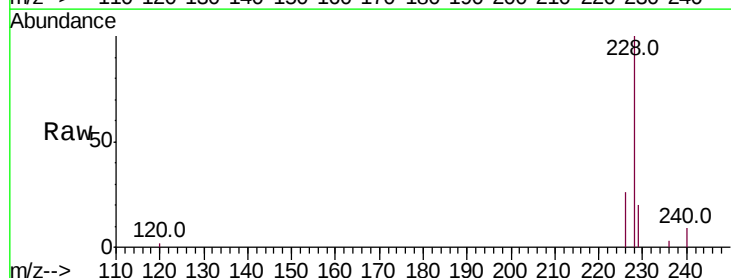
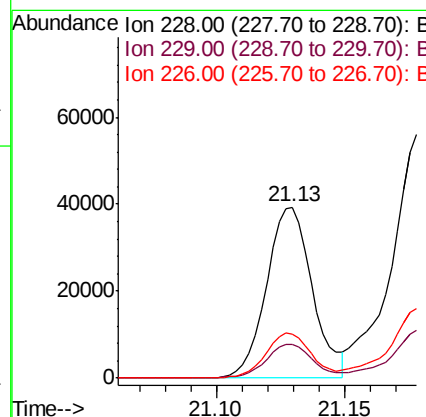
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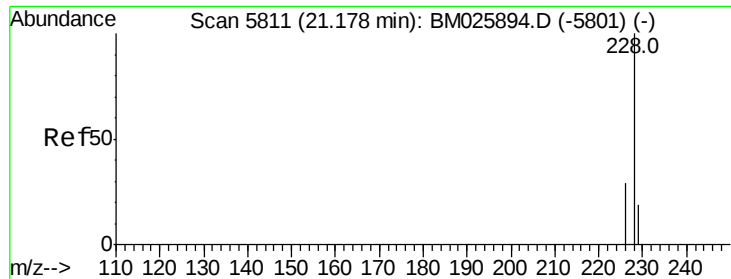
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#18
Benzo(a)anthracene
Concen: 0.692 ng/ul
RT: 21.13 min Scan# 5790
Delta R.T. 0.00 min
Lab File: BM025898.D
Acq: 02 Apr 2020 12:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	15.8	23.8
226	25.9	20.9	31.3





#19

Chrysene

Concen: 1.013 ng/ul

RT: 21.18 min Scan# 5811

Delta R.T. 0.00 min

Lab File: BM025898.D

Acq: 02 Apr 2020 12:06

Instrument :

BNA_M

ClientSampleId :

DBD24

Tot Ion:228 Resp: 77382

Ion Ratio Lower Upper

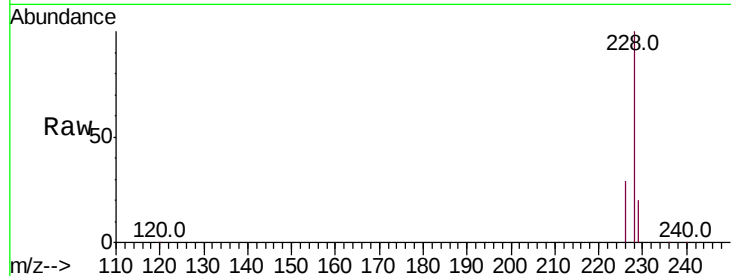
228 100

226 28.5 22.9 34.3

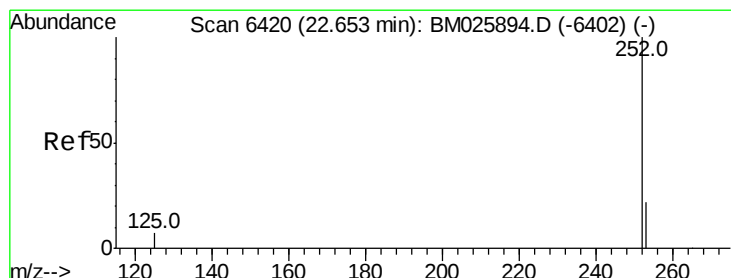
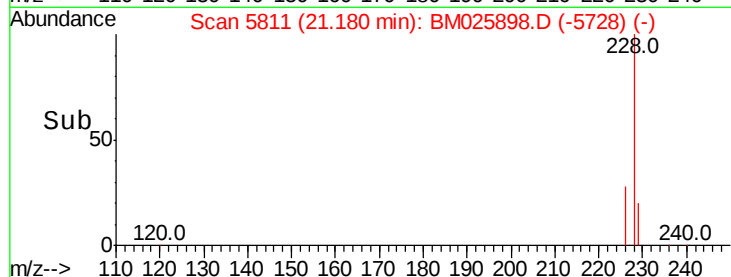
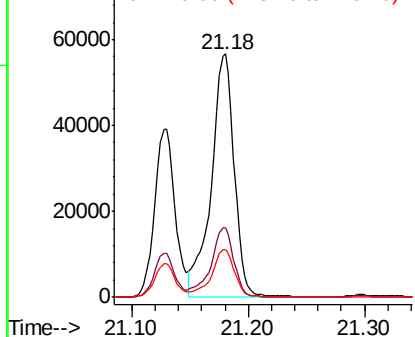
229 19.7 15.8 23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.308 ng/ul m

RT: 22.66 min Scan# 6421

Delta R.T. 0.00 min

Lab File: BM025898.D

Acq: 02 Apr 2020 12:06

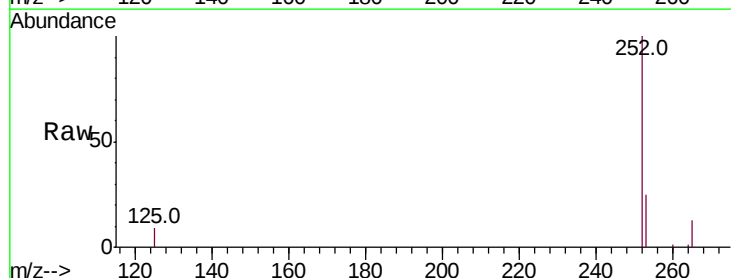
Tgt Ion:252 Resp: 22492

Ion Ratio Lower Upper

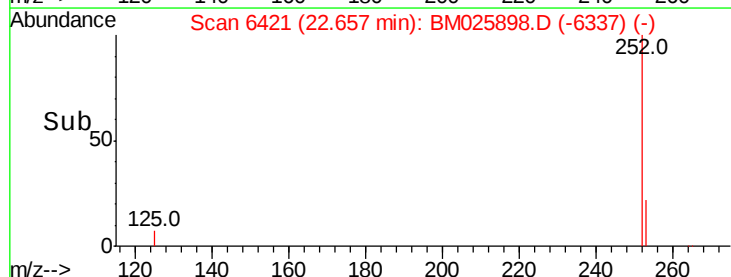
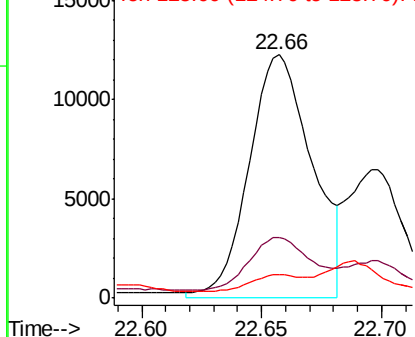
252 100

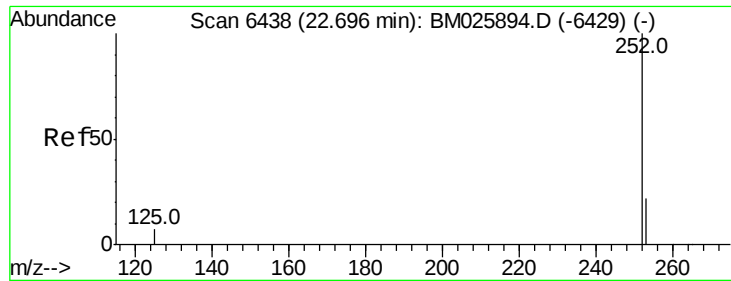
253 24.7 0.0 46.6

125 9.5 0.0 15.4



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





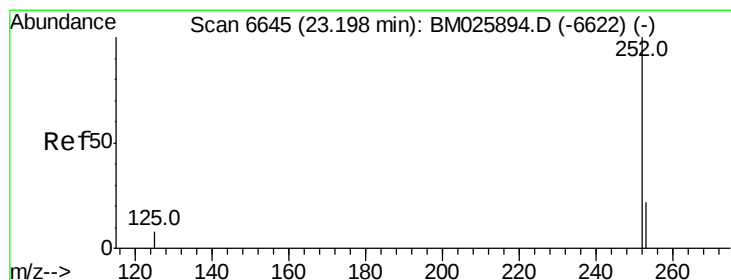
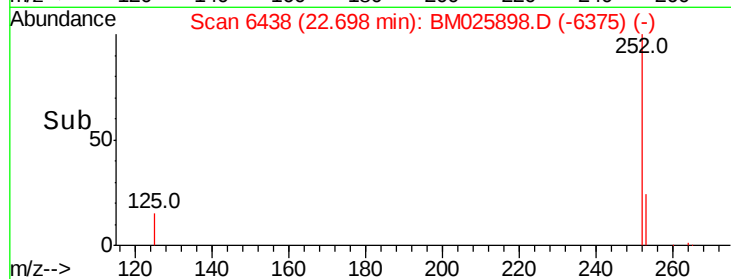
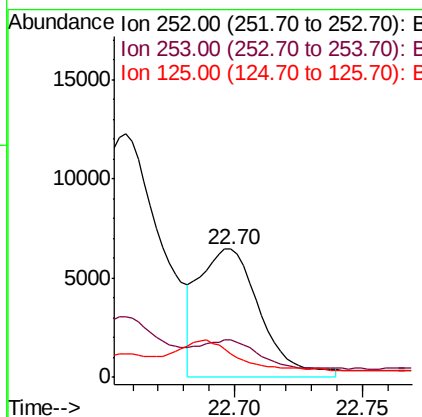
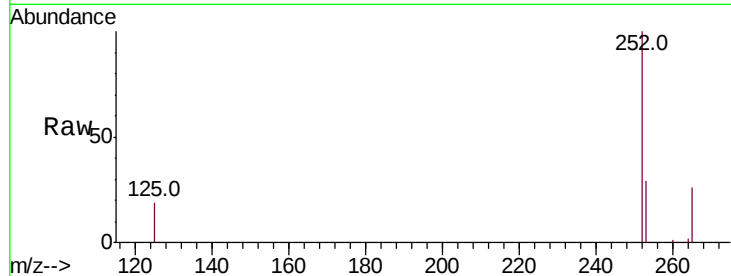
#22
Benzo(k)fluoranthene
Concen: 0.138 ng/ul m
RT: 22.70 min Scan# 6438
Delta R.T. 0.00 min
Lab File: BM025898.D
Acq: 02 Apr 2020 12:06

Instrument :
BNA_M
ClientSampleId :
DBD24

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.0	28.4#
125	18.8	6.7	10.1#

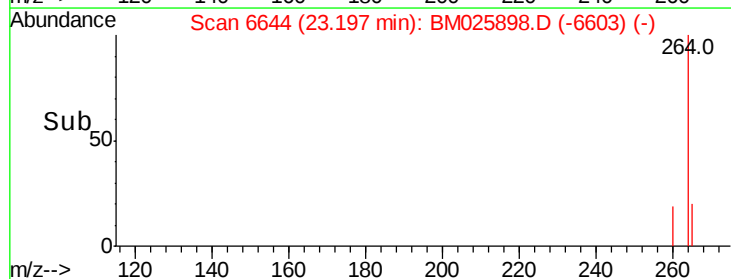
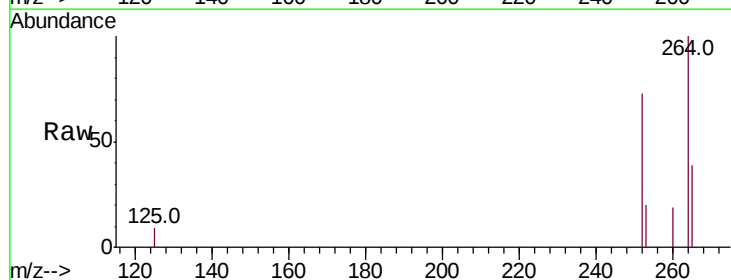
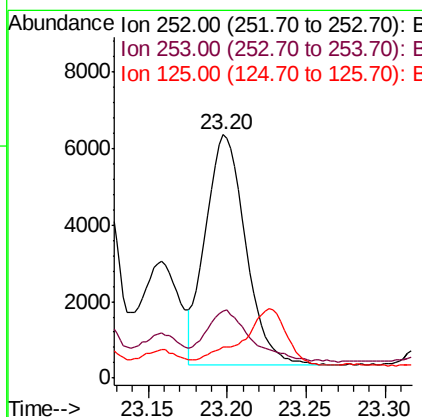
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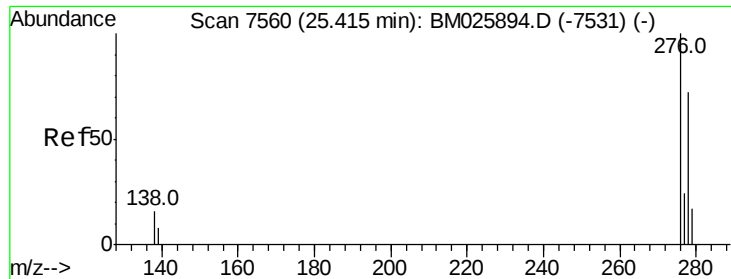
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#23
Benzo(a)pyrene
Concen: 0.163 ng/ul
RT: 23.20 min Scan# 6644
Delta R.T. -0.00 min
Lab File: BM025898.D
Acq: 02 Apr 2020 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.2	28.8
125	12.7	7.4	11.0#





#24

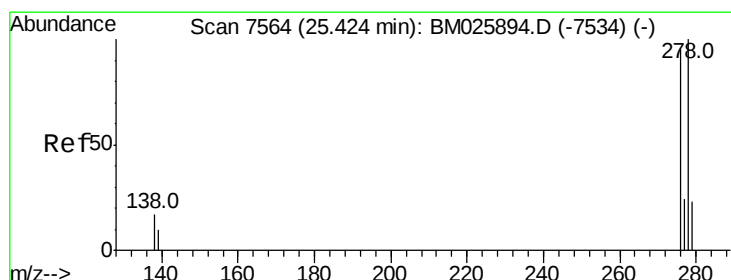
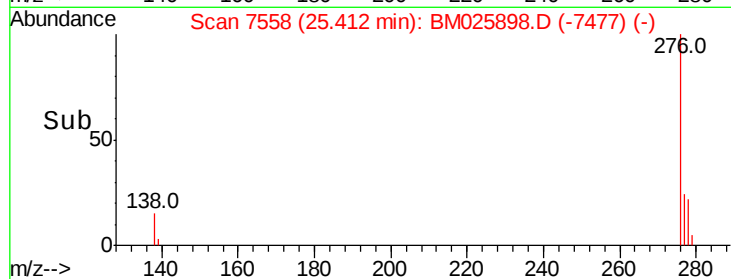
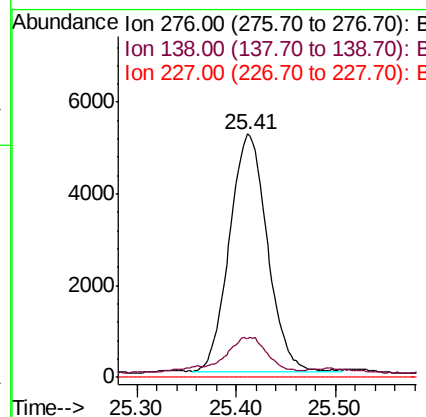
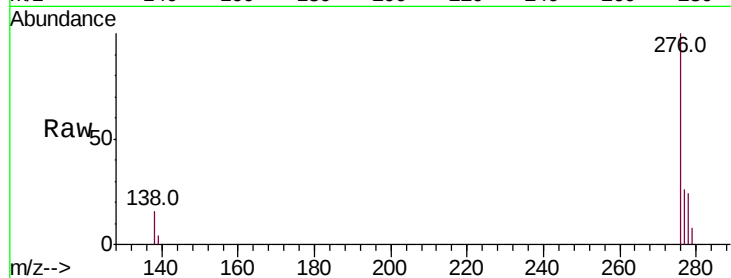
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/u1
RT: 25.41 min Scan# 7558
Delta R.T. -0.00 min
Lab File: BM025898.D
Acq: 02 Apr 2020 12:06

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.6	19.0
227	0.0	0.0	0.0

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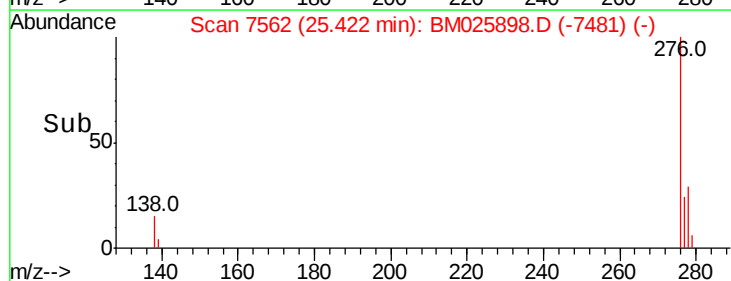
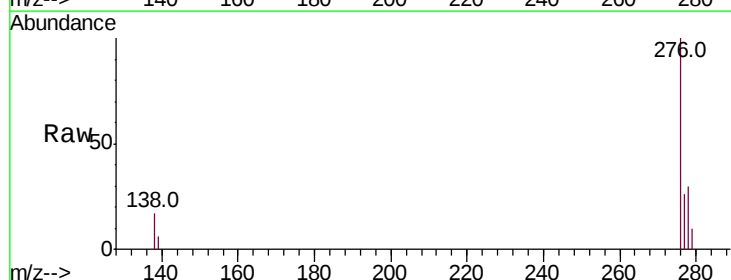
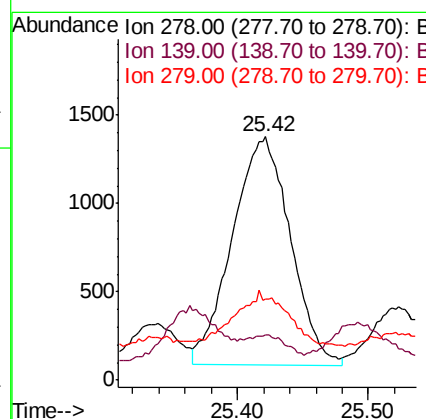
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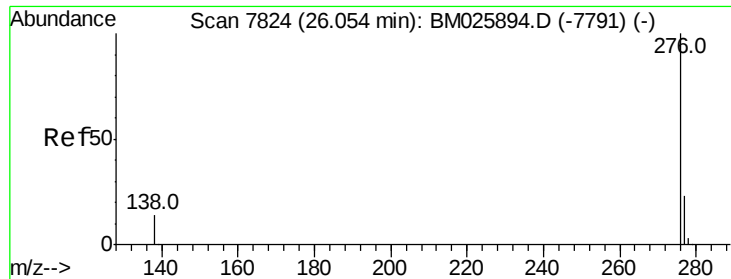


#25

Dibenzo(a,h)anthracene
Concen: 0.055 ng/u1
RT: 25.42 min Scan# 7562
Delta R.T. -0.00 min
Lab File: BM025898.D
Acq: 02 Apr 2020 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	8.9	13.3#
279	33.4	20.0	30.0#





#26

Benzo(a,h,i)perylene

Concen: 0.149 ng/ul

RT: 26.06 min Scan# 7825

Delta R.T. 0.00 min

Lab File: BM025898.D

Acq: 02 Apr 2020 12:06

Instrument :

BNA_M

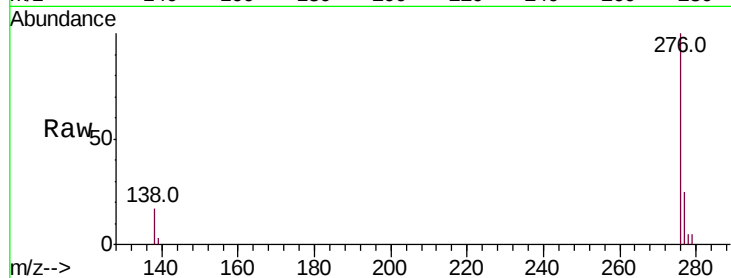
ClientSampleId :

DBD24

Tot Ion:	276	Resp:	11014
Ion Ratio	Lower	Upper	
276	100		
138	16.8	11.8	17.8
277	25.4	19.2	28.8

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 277.00 (276.70 to 277.70): E

