

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
 Data File : BM025144.D
 Acq On : 28 Feb 2020 21:45
 Operator : CG/JU
 Sample : L1507-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD08

Manual Integrations
 APPROVED

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 3/3/2020 8:38:43 AM

Quant Time: Feb 29 05:44:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 29 04:43:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3029	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	11566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7186	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16743	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17206	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	19241	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	847	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2337	0.04	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.10	178	1954	0.033	ng/ul#	92
15) Fluoranthene	19.11	202	5775	0.068	ng/ul	99
17) Pyrene	19.47	202	6129	0.079	ng/ul	99
18) Benzo(a)anthracene	21.22	228	2735	0.037	ng/ul	95
19) Chrysene	21.27	228	3341	0.045	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	4431m	0.059	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1822m	0.024	ng/ul	
23) Benzo(a)pyrene	23.34	252	2707	0.039	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.62	276	1940	0.022	ng/ul#	100
26) Benzo(g,h,i)perylene	26.28	276	1595	0.022	ng/ul#	85

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

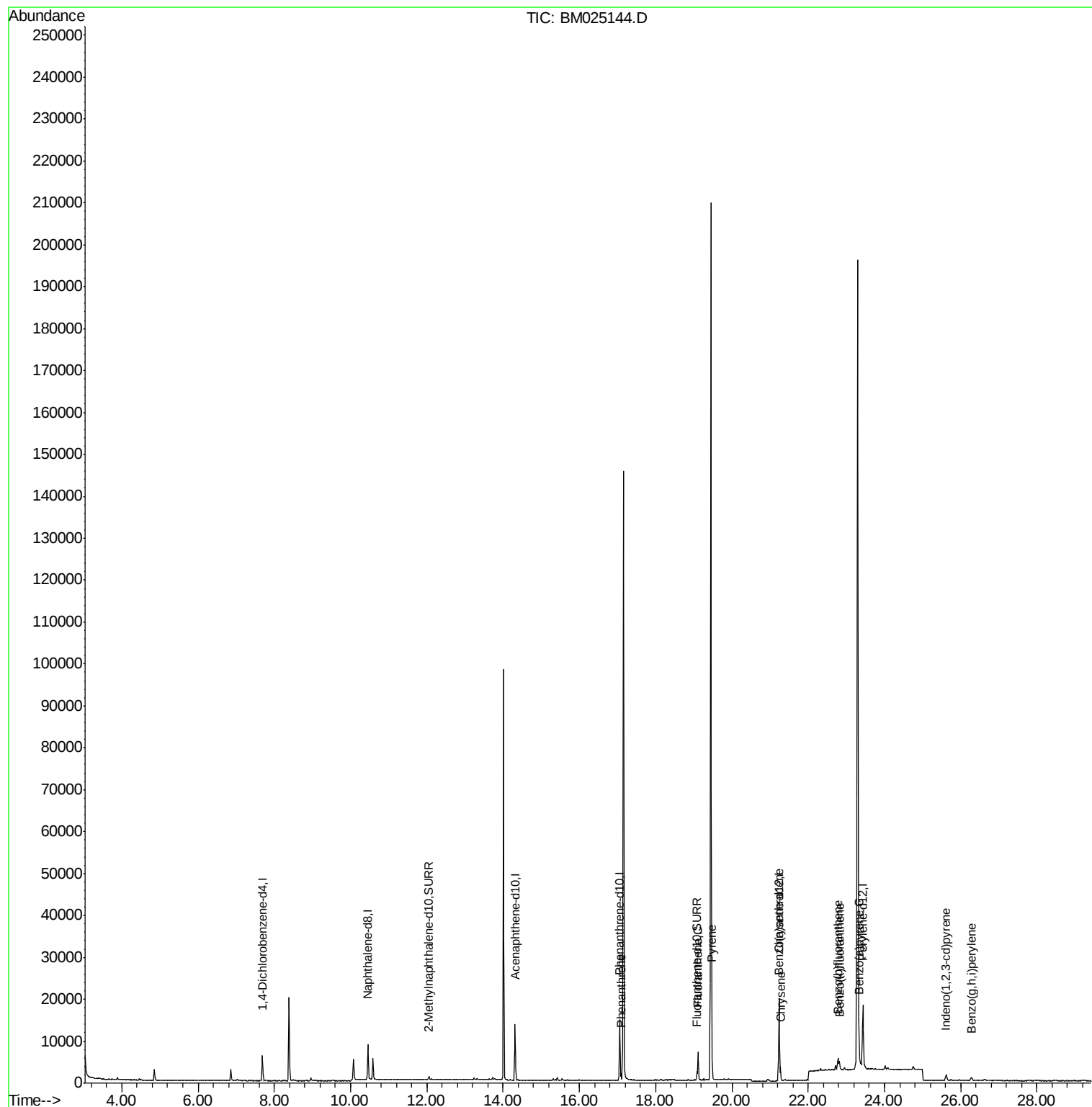
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ALS Vial : 18 Sample Multiplier: 1

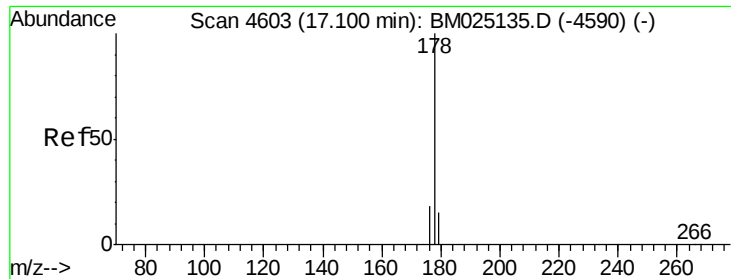
Instrument :
BNA_M
ClientSampleId :
DBD08

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Quant Time: Feb 29 05:44:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.033 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

Instrument :

BNA_M

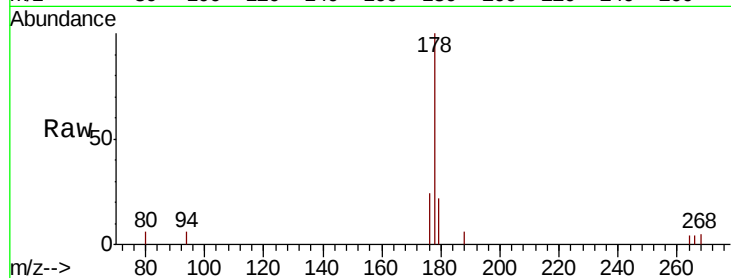
ClientSampleId :

DBD08

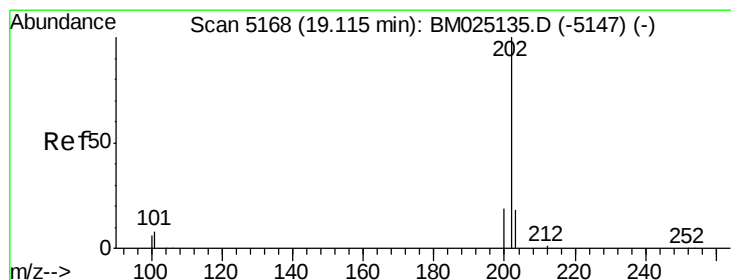
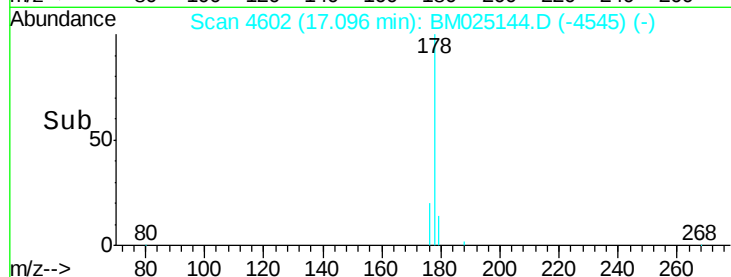
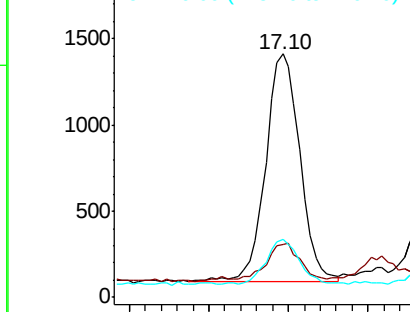
Tot Ion:178	Resp:	1954
Ion Ratio	Lower	Upper
178	100	
179	21.7	14.0 21.0#
176	23.9	16.6 24.8

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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: 0.068 ng/ul

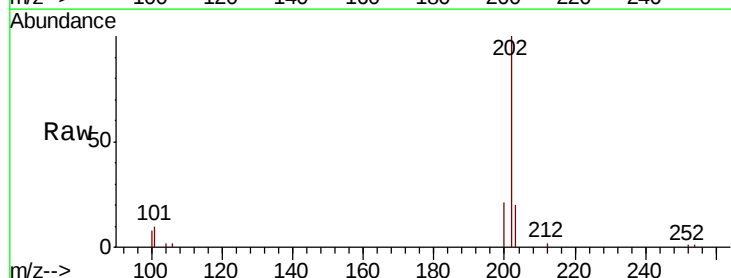
RT: 19.11 min Scan# 5167

Delta R.T. -0.00 min

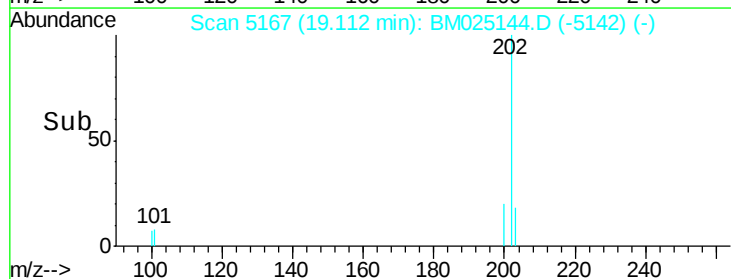
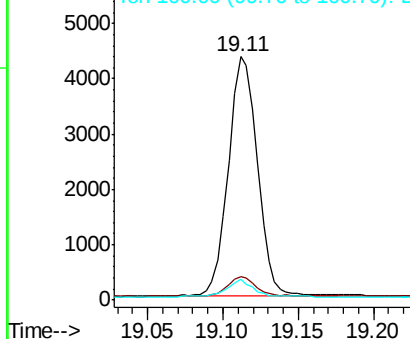
Lab File: BM025144.D

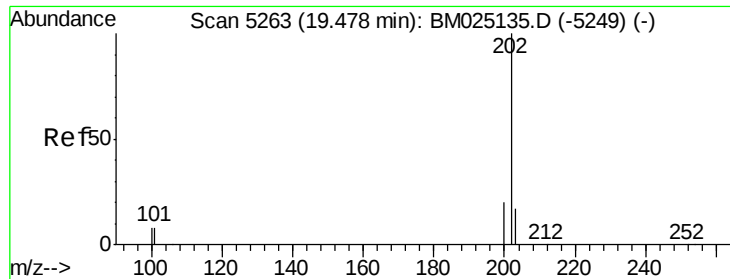
Acq: 28 Feb 2020 21:45

Tgt Ion:202	Resp:	5775
Ion Ratio	Lower	Upper
202	100	
101	9.6	0.0 29.4
100	8.4	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): B





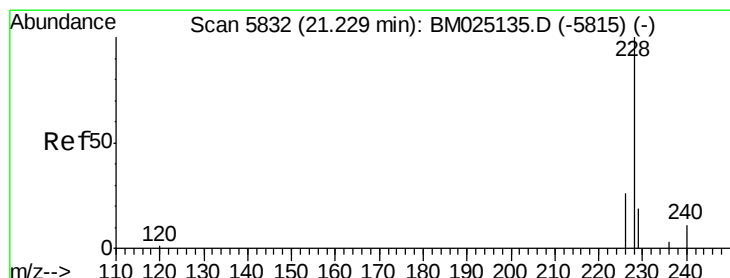
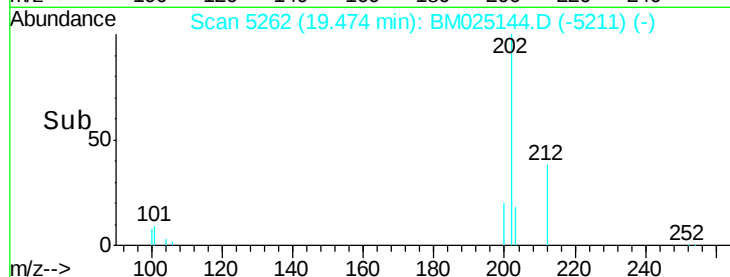
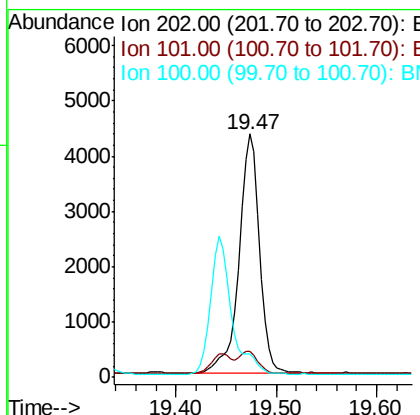
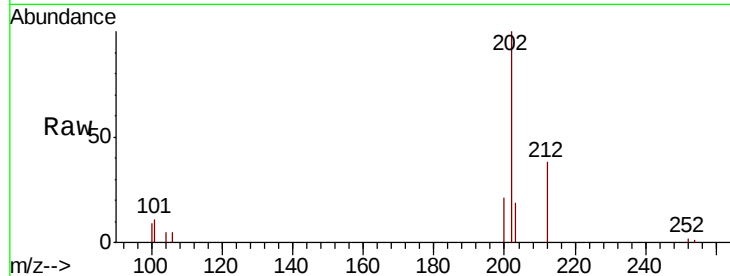
#17
Pvrene
Concen: 0.079 ng/ul
RT: 19.47 min Scan# 5262
Delta R.T. -0.00 min
Lab File: BM025144.D
Acq: 28 Feb 2020 21:45

Instrument :
BNA_M
ClientSampleId :
DBD08

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.7	13.1
100	9.5	7.3	10.9

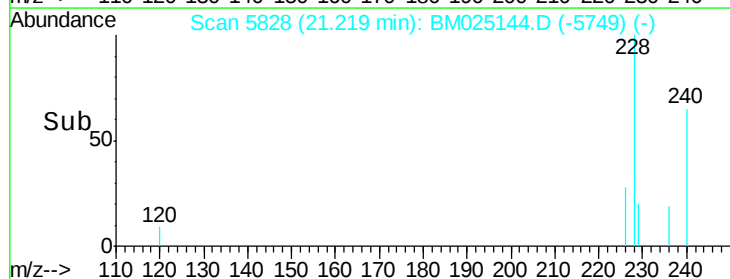
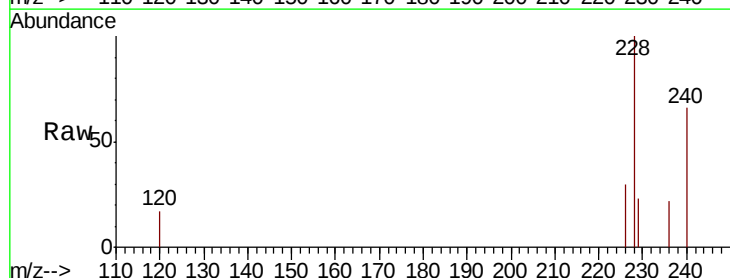
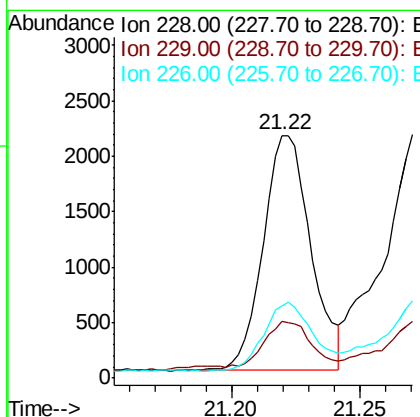
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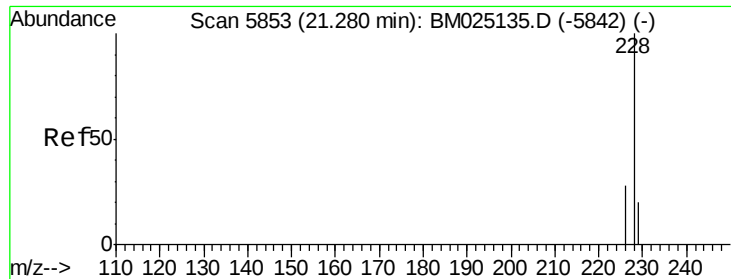
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#18
Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM025144.D
Acq: 28 Feb 2020 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.6	25.0
226	29.8	21.9	32.9





#19

Chrysene

Concen: 0.045 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

Instrument :

BNA_M

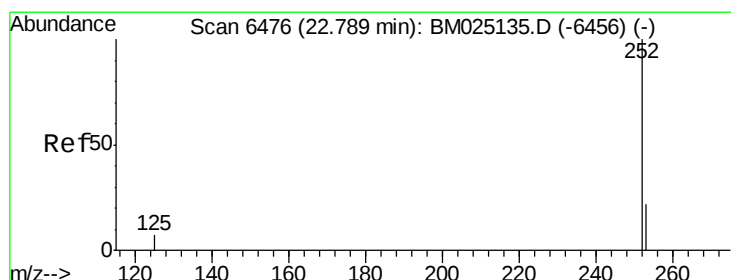
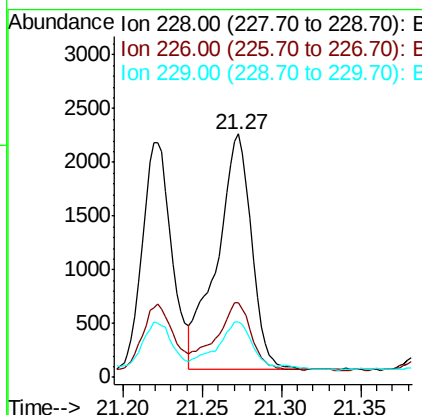
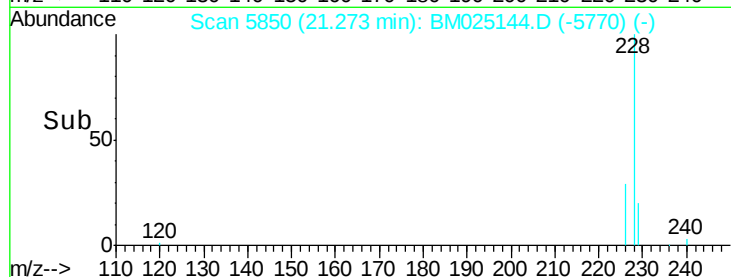
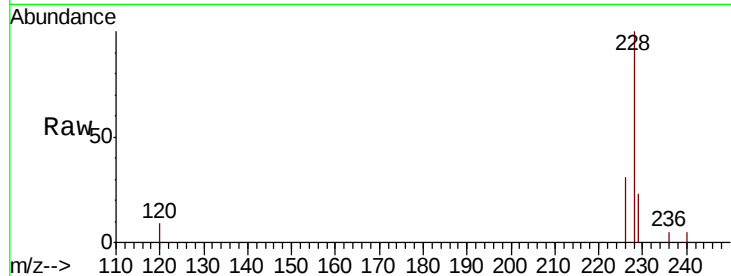
ClientSampleId :

DBD08

Tot Ion:	228	Resp:	3341
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.8	35.8
229	23.0	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.059 ng/ul m

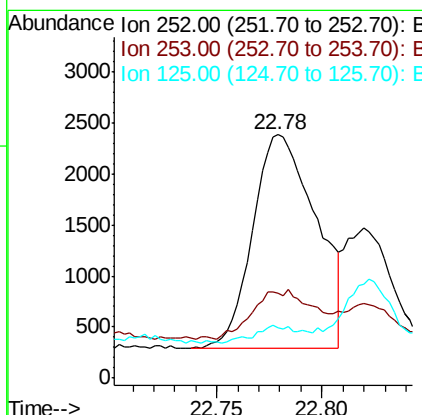
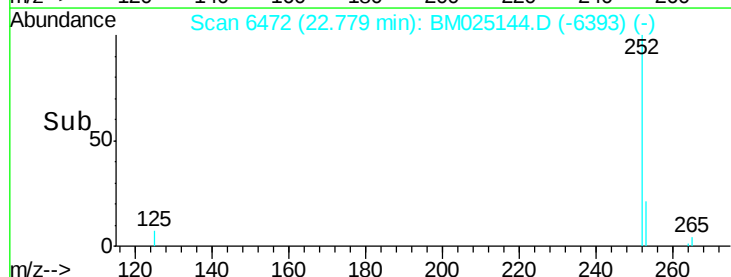
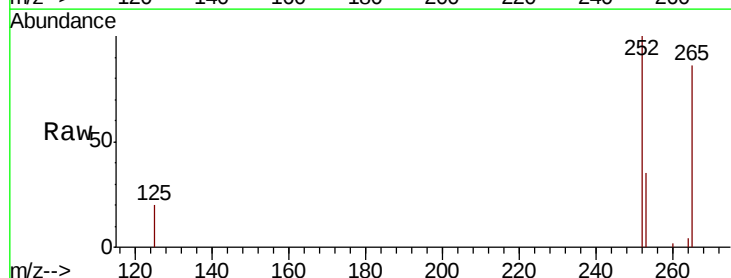
RT: 22.78 min Scan# 6472

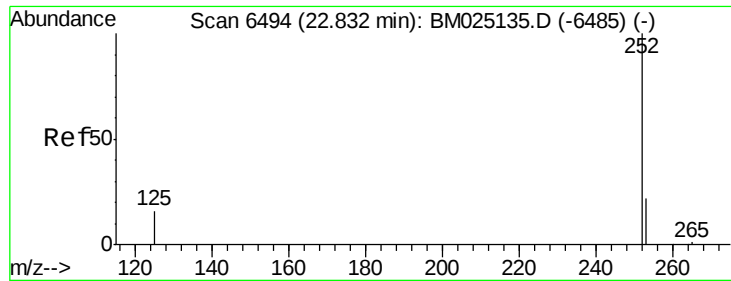
Delta R.T. -0.01 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

Tgt Ion:	252	Resp:	4431
Ion Ratio	Lower	Upper	
252	100		
253	35.0	0.0	49.8
125	20.4	0.0	28.6





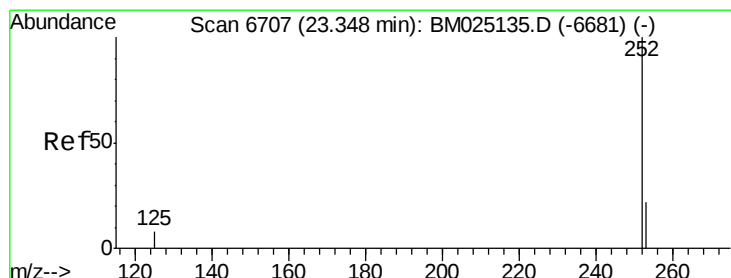
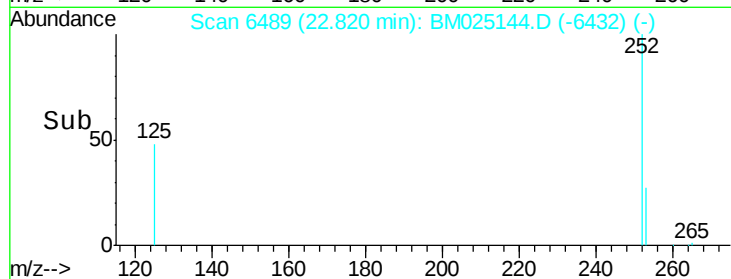
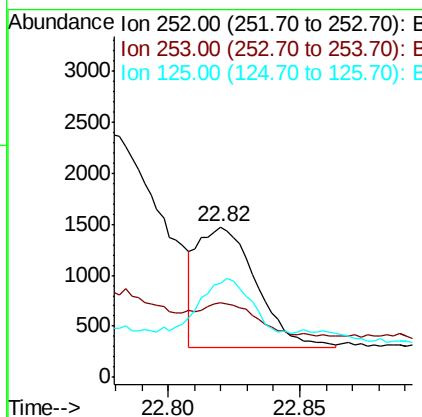
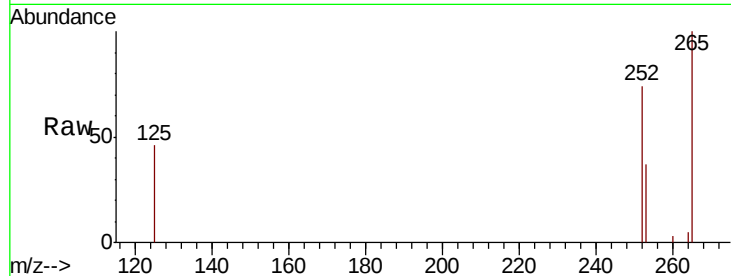
#22
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.01 min
Lab File: BM025144.D
Acq: 28 Feb 2020 21:45

Instrument :
BNA_M
ClientSampleId :
DBD08

Tot Ion	Ratio	Lower	Upper
252	100		
253	49.5	19.4	29.0#
125	62.4	10.7	16.1#

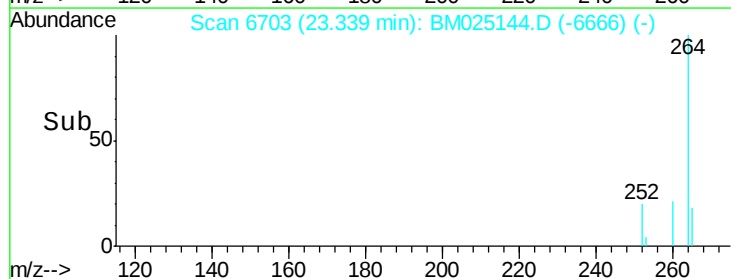
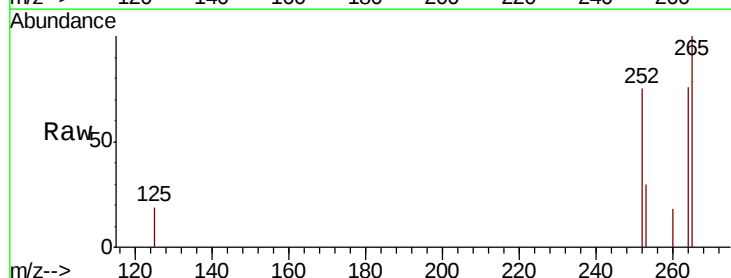
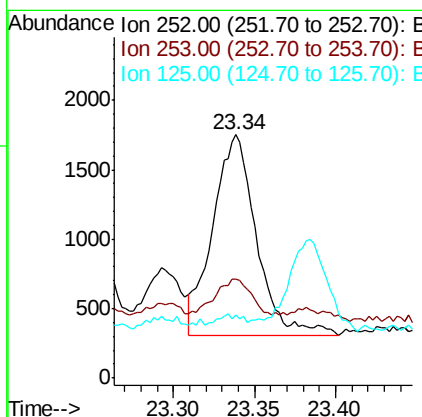
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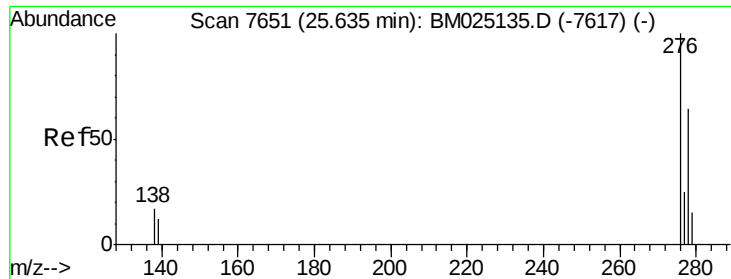
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#23
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.01 min
Lab File: BM025144.D
Acq: 28 Feb 2020 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.4	20.3	30.5#
125	25.7	13.0	19.4#





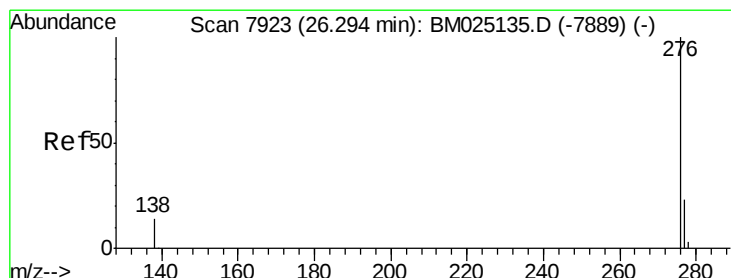
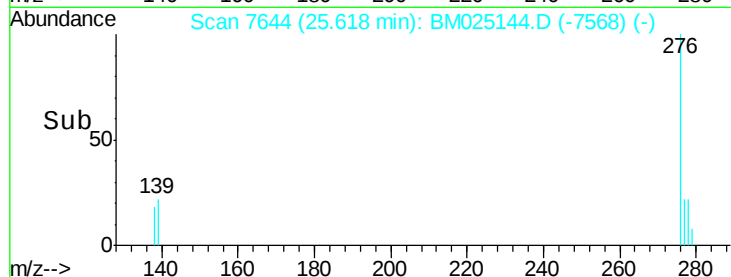
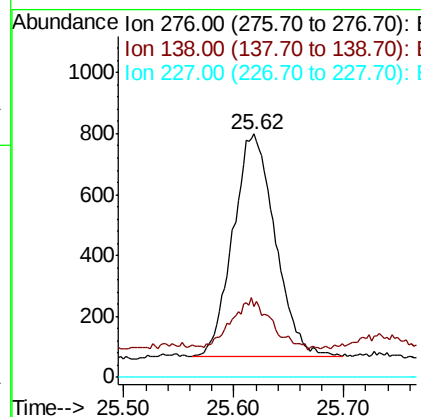
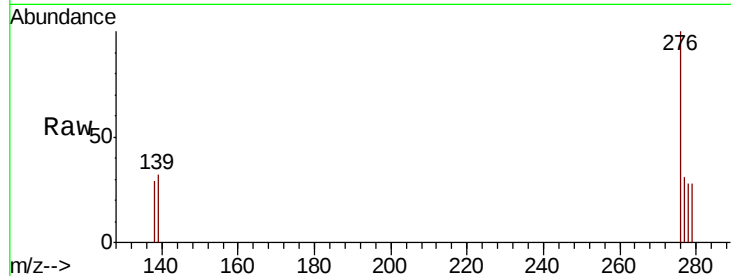
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 25.62 min Scan# 7644
Delta R.T. -0.02 min
Lab File: BM025144.D
Acq: 28 Feb 2020 21:45

Instrument :
BNA_M
ClientSampled :
DBD08

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	21.9	0.0	0.0#
227	0.0	0.0	0.0

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#26
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.28 min Scan# 7918
Delta R.T. -0.01 min
Lab File: BM025144.D
Acq: 28 Feb 2020 21:45

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.4	17.9	26.9#
277	33.9	20.5	30.7#

