

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025086.D
 Acq On : 26 Feb 2020 19:52
 Operator : CG/JU
 Sample : L1506-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCY4

Manual Integrations
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mohammad
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Quant Time: Feb 27 05:32:09 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 : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3286	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	12437	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	7683	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	17424	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	18145	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	20439	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	1009	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	2706	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.04	152	1552	0.035	ng/ul#	92
12) Phenanthrene	17.10	178	5368	0.088	ng/ul	99
13) Anthracene	17.19	178	5002	0.084	ng/ul	98
15) Fluoranthene	19.12	202	42988	0.483	ng/ul	98
17) Pyrene	19.48	202	53804	0.658	ng/ul	97
18) Benzo(a)anthracene	21.23	228	38524	0.492	ng/ul	99
19) Chrysene	21.28	228	48659	0.624	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	69897m	0.872	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	23930m	0.301	ng/ul	
23) Benzo(a)pyrene	23.35	252	25866	0.354	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.63	276	15859	0.173	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.64	278	4451	0.058	ng/ul#	80
26) Benzo(g,h,i)perylene	26.30	276	7566	0.098	ng/ul	94

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

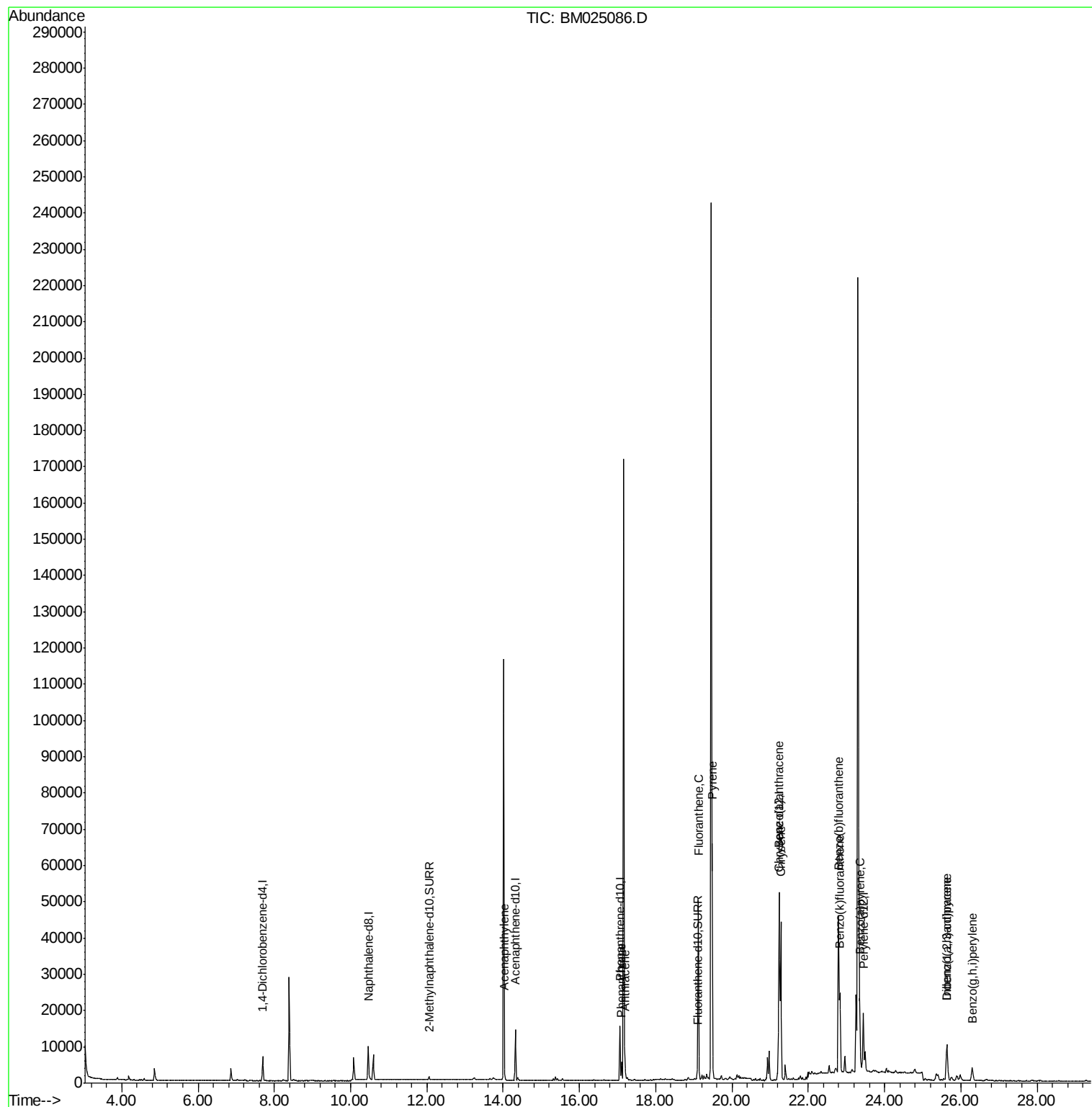
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025086.D
Acq On : 26 Feb 2020 19:52
Operator : CG/JU
Sample : L1506-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

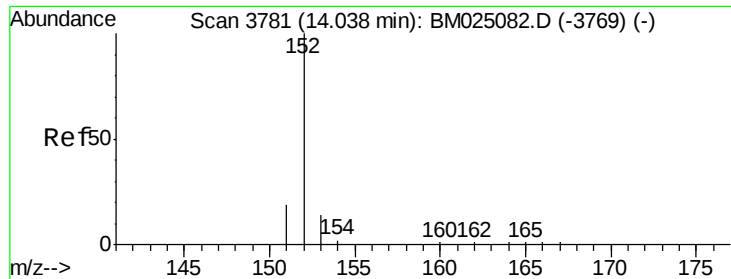
Instrument :
BNA_M
ClientSampleId :
DBCY4

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Quant Time: Feb 27 05:32:09 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 : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025086.D

Acq: 26 Feb 2020 19:52

Instrument :

BNA_M

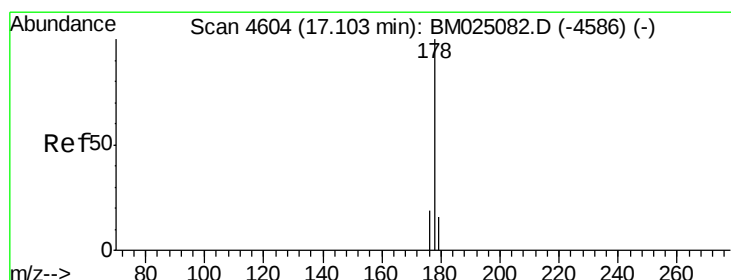
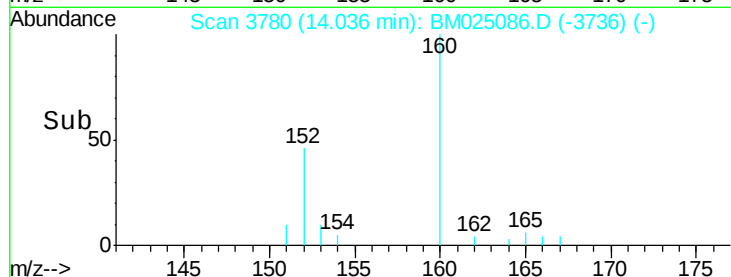
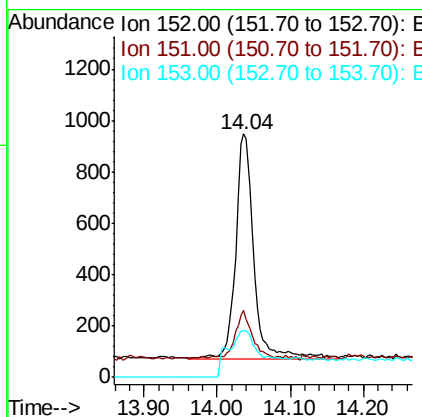
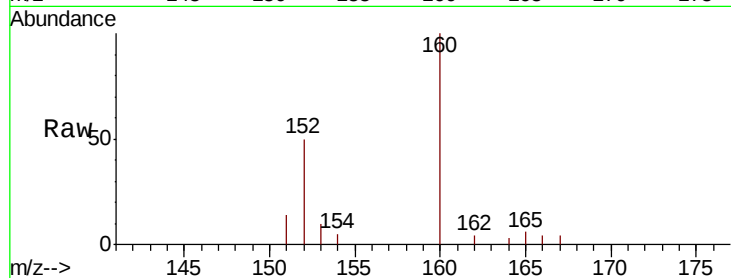
ClientSampleId :

DBCY4

Tot Ion:	152	Resp:	1552
Ion Ratio	Lower	Upper	
152	100		
151	27.3	17.8	26.8#
153	19.0	13.3	19.9

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#12

Phenanthrene

Concen: 0.088 ng/ul

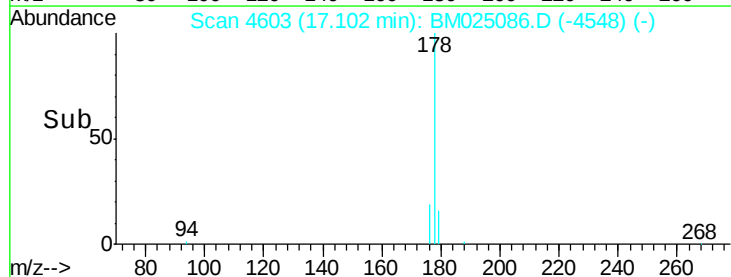
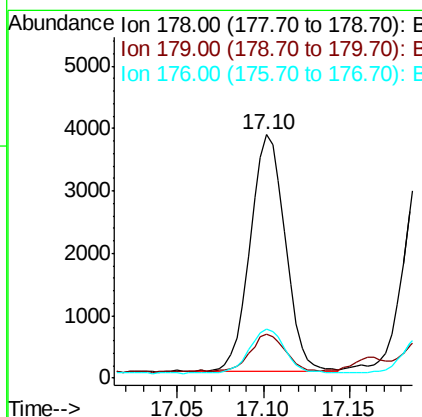
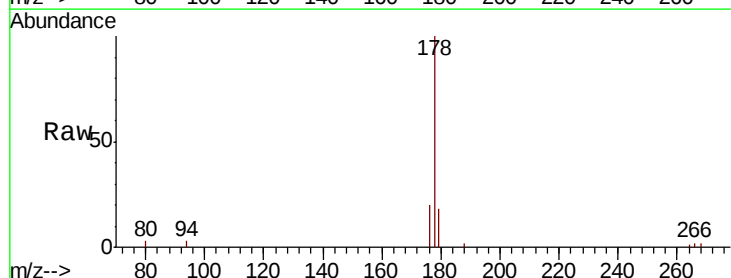
RT: 17.10 min Scan# 4603

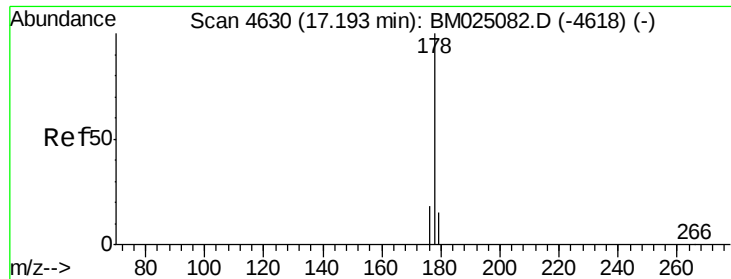
Delta R.T. -0.01 min

Lab File: BM025086.D

Acq: 26 Feb 2020 19:52

Tgt Ion:	178	Resp:	5368
Ion Ratio	Lower	Upper	
178	100		
179	18.2	14.0	21.0
176	20.1	16.6	24.8





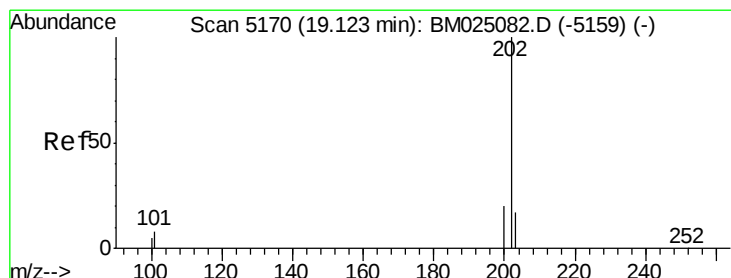
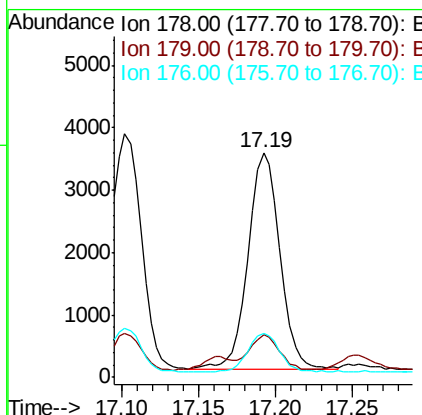
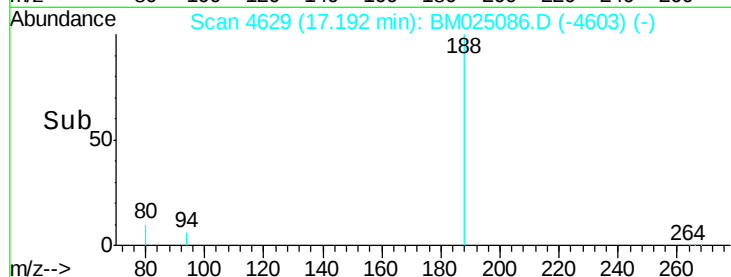
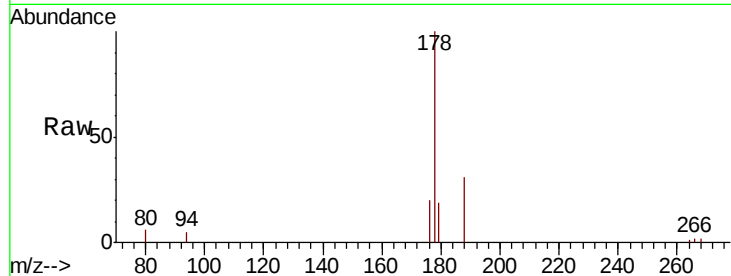
#13
 Anthracene
 Concen: 0.084 ng/ul
 RT: 17.19 min Scan# 4629
 Delta R.T. -0.01 min
 Lab File: BM025086.D
 Acq: 26 Feb 2020 19:52

Instrument :
 BNA_M
 ClientSampled :
 DBCY4

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	14.1	21.1
176	19.5	16.2	24.4

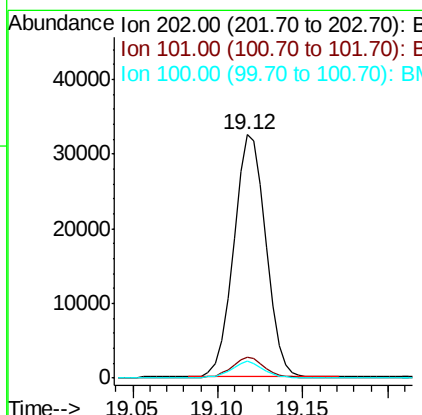
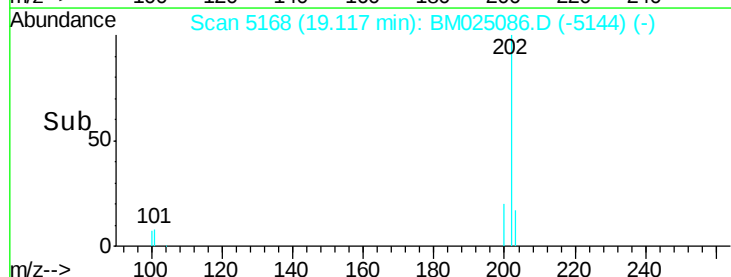
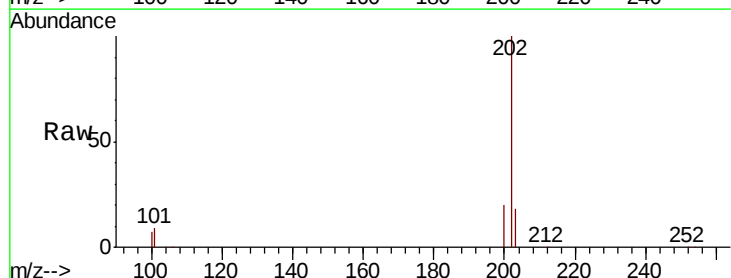
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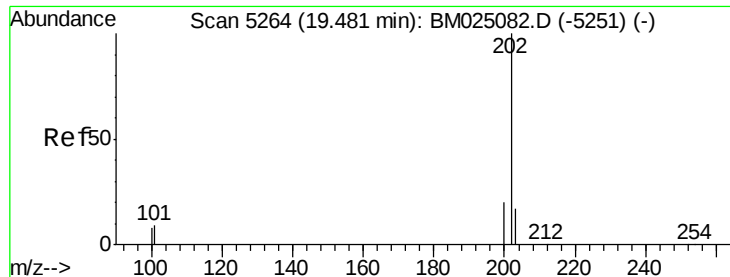
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#15
 Fluoranthene
 Concen: 0.483 ng/ul
 RT: 19.12 min Scan# 5168
 Delta R.T. -0.01 min
 Lab File: BM025086.D
 Acq: 26 Feb 2020 19:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.4
100	6.8	0.0	28.0





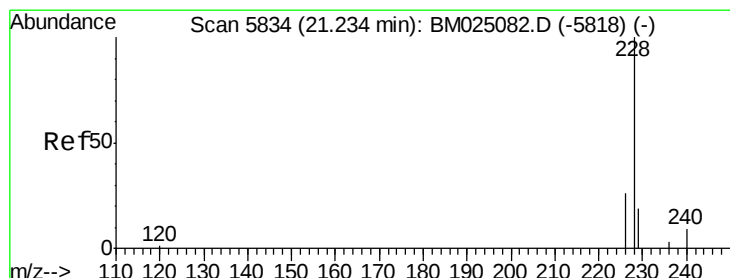
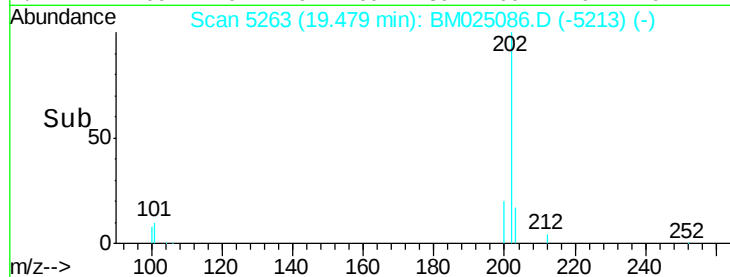
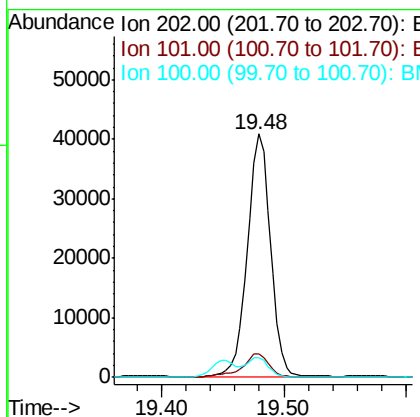
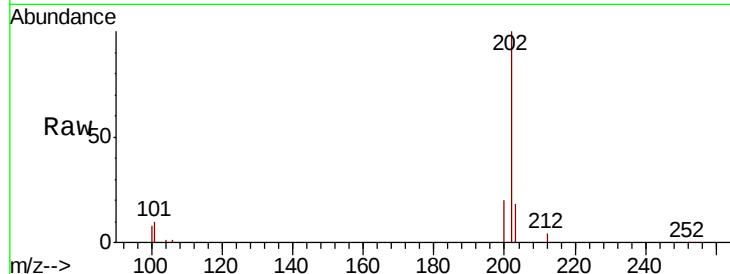
#17
Pvrene
Concen: 0.658 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025086.D
Acq: 26 Feb 2020 19:52

Instrument :
BNA_M
ClientSampled :
DBCY4

Tot Ion:	202	Resp:	53804
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.7	13.1
100	8.1	7.3	10.9

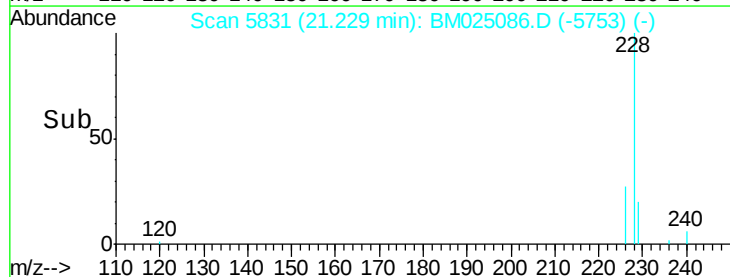
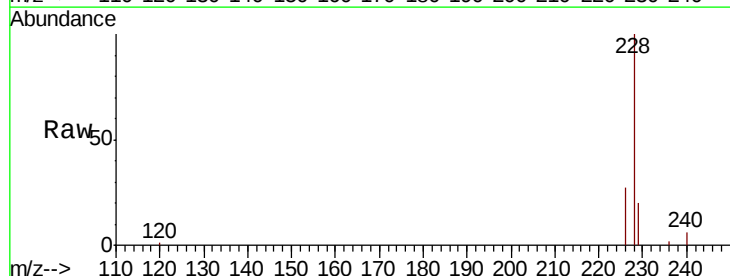
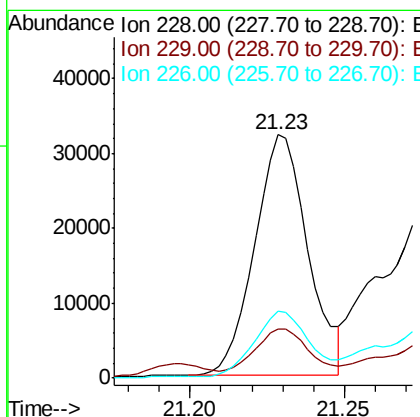
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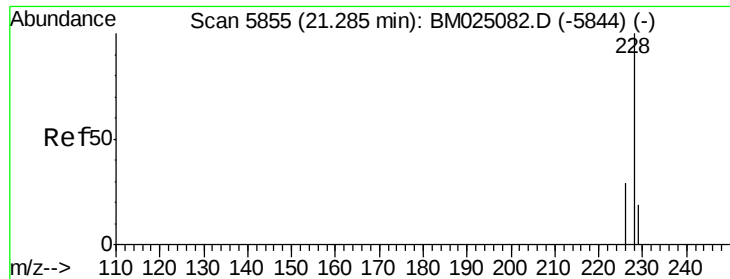
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#18
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM025086.D
Acq: 26 Feb 2020 19:52

Tgt Ion:	228	Resp:	38524
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.6	25.0
226	27.3	21.9	32.9





#19

Chrysene

Concen: 0.624 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.01 min

Lab File: BM025086.D

Acq: 26 Feb 2020 19:52

Instrument :

BNA_M

ClientSampleId :

DBCY4

Tot Ion:228 Resp: 48659

Ion Ratio Lower Upper

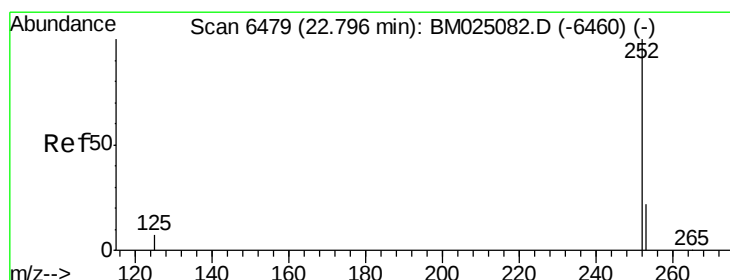
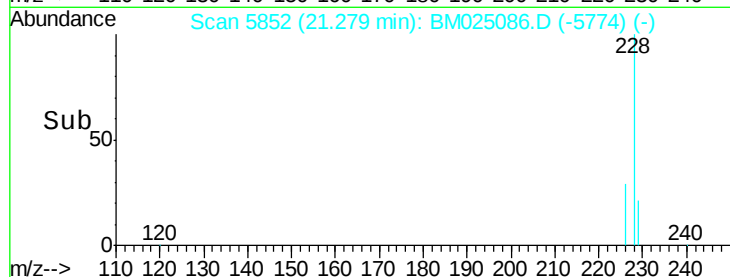
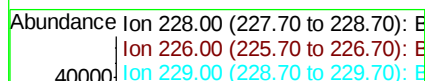
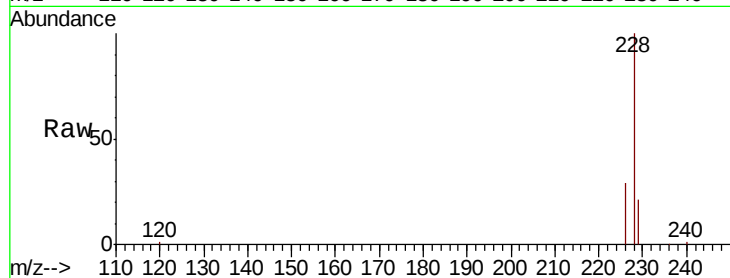
228 100

226 29.3 23.8 35.8

229 21.5 16.9 25.3

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#21

Benzo(b)fluoranthene

Concen: 0.872 ng/ul m

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025086.D

Acq: 26 Feb 2020 19:52

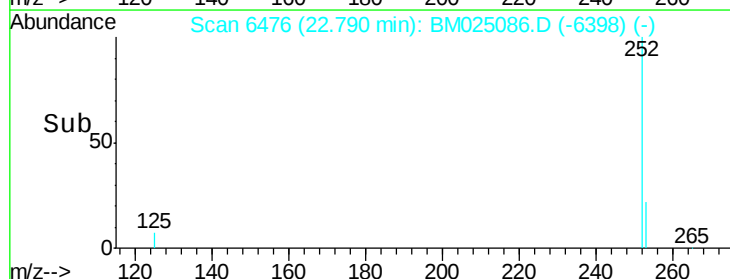
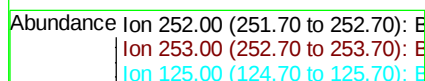
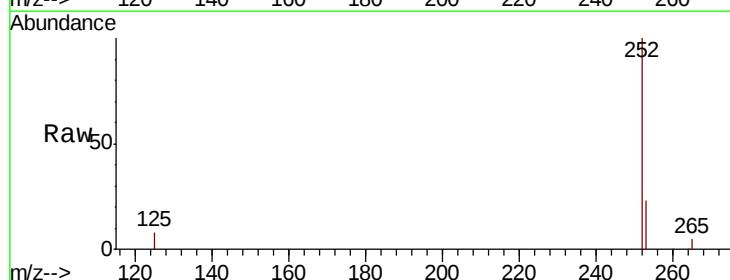
Tgt Ion:252 Resp: 69897

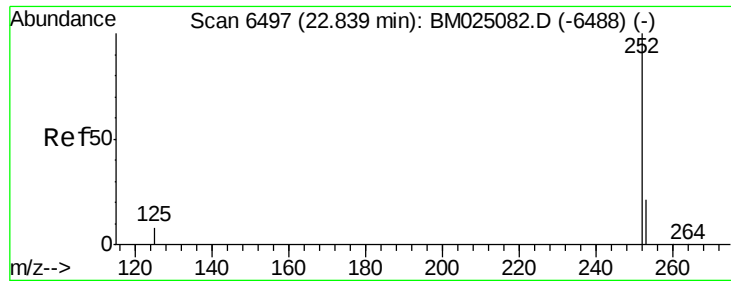
Ion Ratio Lower Upper

252 100

253 23.0 0.0 49.8

125 8.2 0.0 28.6





#22

Benzo(k)fluoranthene

Concen: 0.301 ng/ul m

RT: 22.83 min Scan# 6493

Delta R.T. -0.01 min

Lab File: BM025086.D

Acq: 26 Feb 2020 19:52

Instrument :

BNA_M

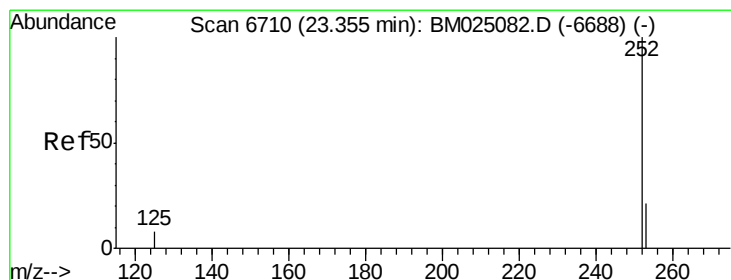
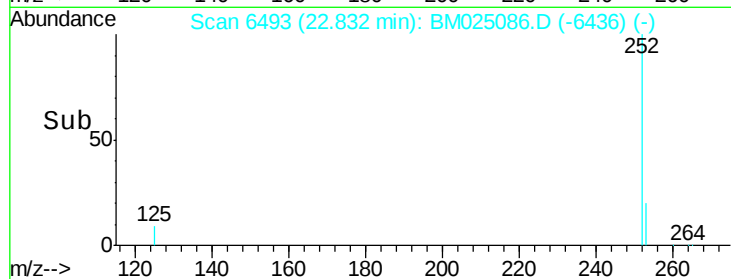
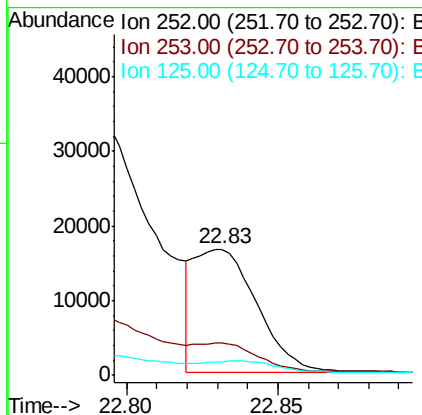
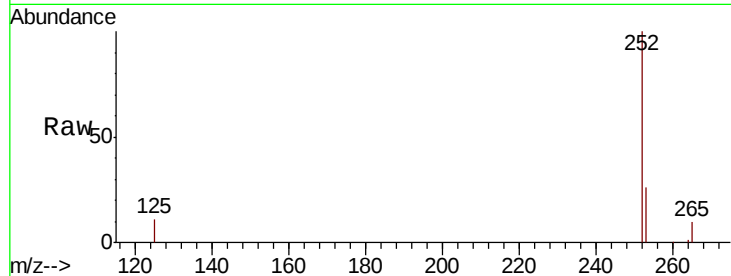
ClientSampleId :

DBCY4

Tot Ion:	252	Resp:	23930
Ion Ratio	Lower	Upper	
252	100		
253	25.6	19.4	29.0
125	10.9	10.7	16.1

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#23

Benzo(a)pyrene

Concen: 0.354 ng/ul

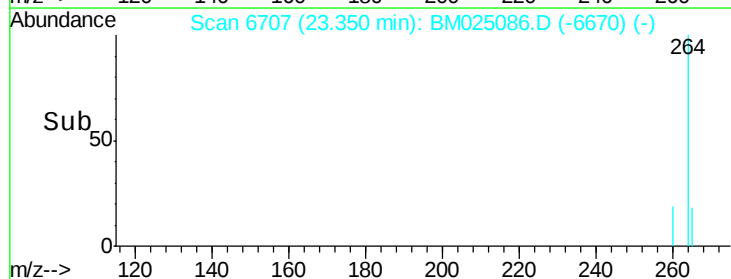
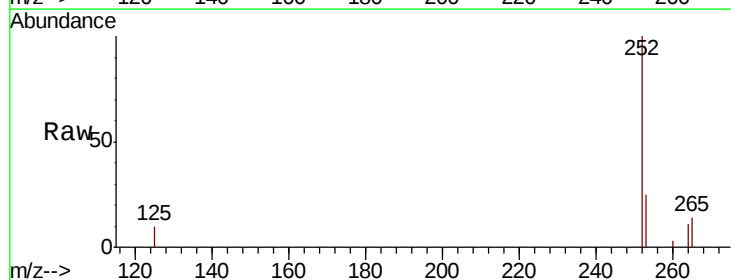
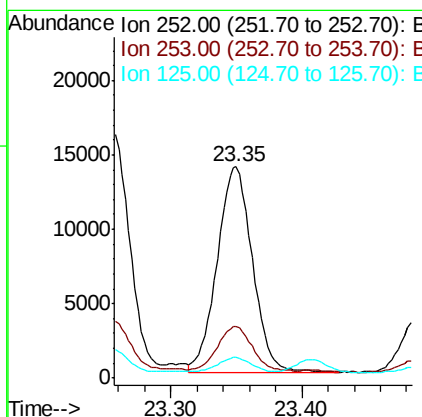
RT: 23.35 min Scan# 6707

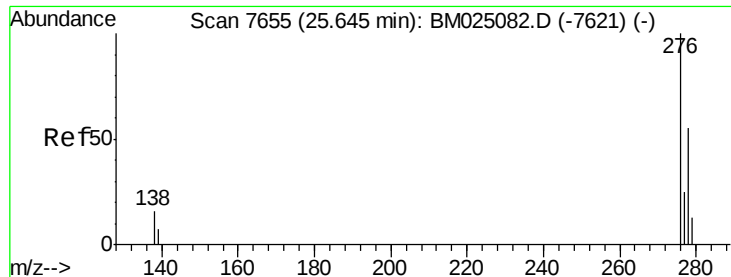
Delta R.T. -0.01 min

Lab File: BM025086.D

Acq: 26 Feb 2020 19:52

Tgt Ion:	252	Resp:	25866
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.3	30.5
125	9.7	13.0	19.4#





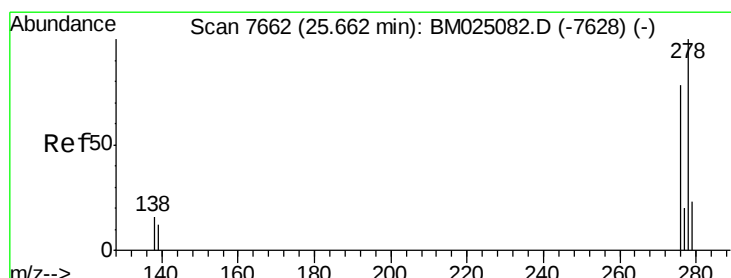
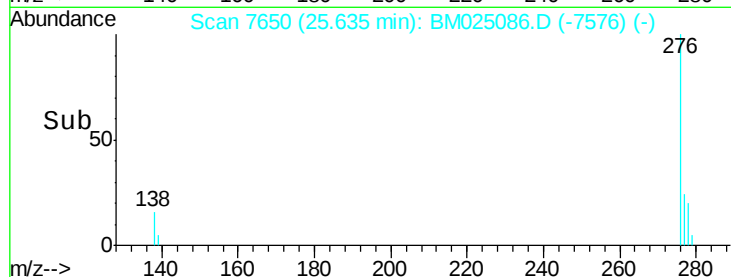
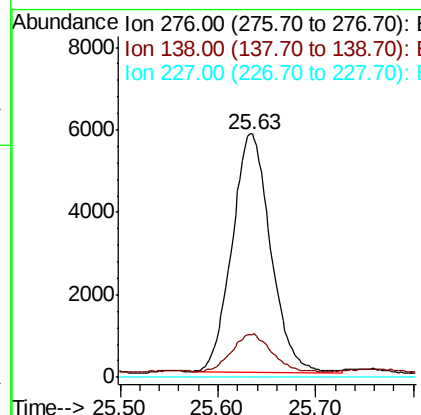
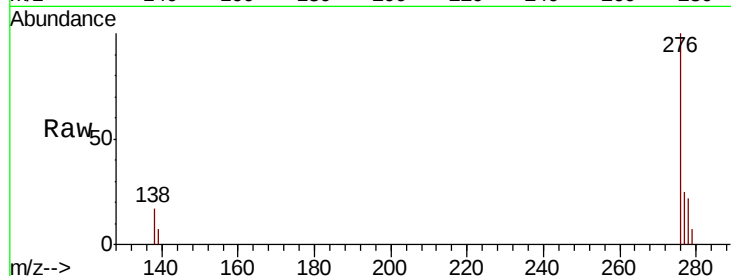
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/u1
RT: 25.63 min Scan# 7650
Delta R.T. -0.02 min
Lab File: BM025086.D
Acq: 26 Feb 2020 19:52

Instrument :
BNA_M
ClientSampleId :
DBCY4

Tot Ion	Ratio	Resp	Lower	Upper
276	100	15859		
138	16.6	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

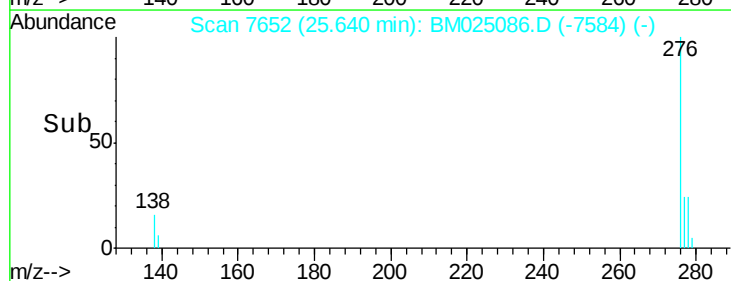
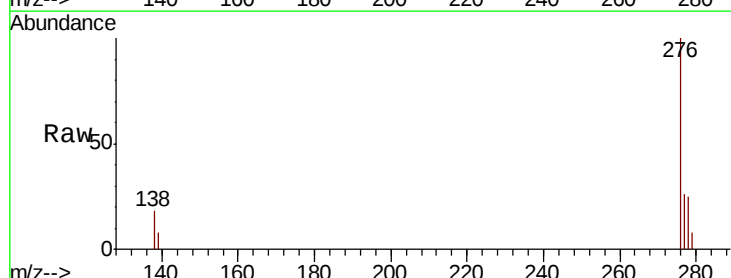
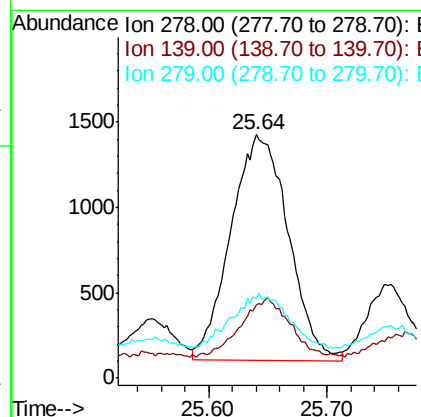
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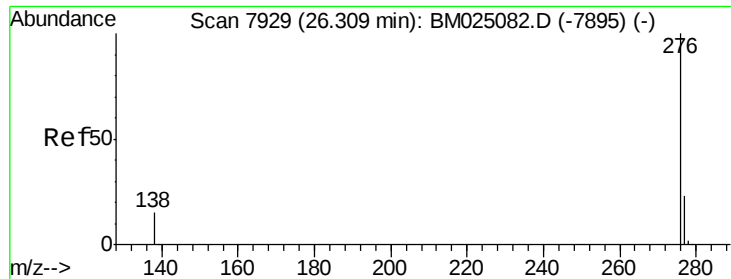
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#25
Dibenzo(a,h)anthracene
Concen: 0.058 ng/u1
RT: 25.64 min Scan# 7652
Delta R.T. -0.03 min
Lab File: BM025086.D
Acq: 26 Feb 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	4451		
139	30.2	13.2	19.8	
279	32.7	21.0	31.4	





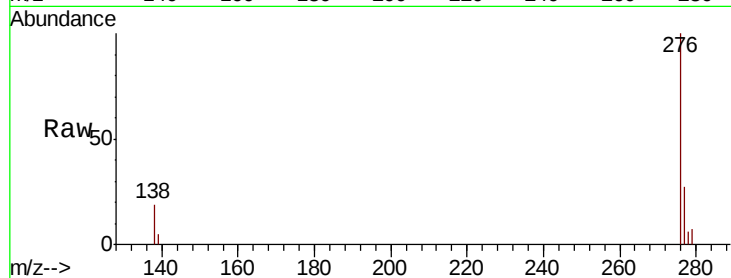
#26
Benzo(a,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.30 min Scan# 7923
Delta R.T. -0.02 min
Lab File: BM025086.D
Acq: 26 Feb 2020 19:52

Instrument :
BNA_M
ClientSampleId :
DBCY4

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.9	26.9
277	27.4	20.5	30.7

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

