

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025090.D
 Acq On : 26 Feb 2020 22:17
 Operator : CG/JU
 Sample : L1506-10
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCY8

Manual Integrations
 APPROVED

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Quant Time: Feb 27 05:52:23 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 : Thu Feb 27 05:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2540	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10013	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	6853	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	16189m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17945	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	20717	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	5864	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	18009	0.32	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.10	178	1532	0.027	ng/ul#	85
15) Fluoranthene	19.12	202	7710	0.093	ng/ul	99
17) Pyrene	19.48	202	6723	0.083	ng/ul	97
18) Benzo(a)anthracene	21.23	228	1912m	0.025	ng/ul	
19) Chrysene	21.28	228	4835	0.063	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	6839m	0.084	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2310m	0.029	ng/ul	
23) Benzo(a)pyrene	23.35	252	2063	0.028	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.63	276	2253	0.024	ng/ul#	100
26) Benzo(g,h,i)perylene	26.30	276	2065	0.026	ng/ul#	74

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

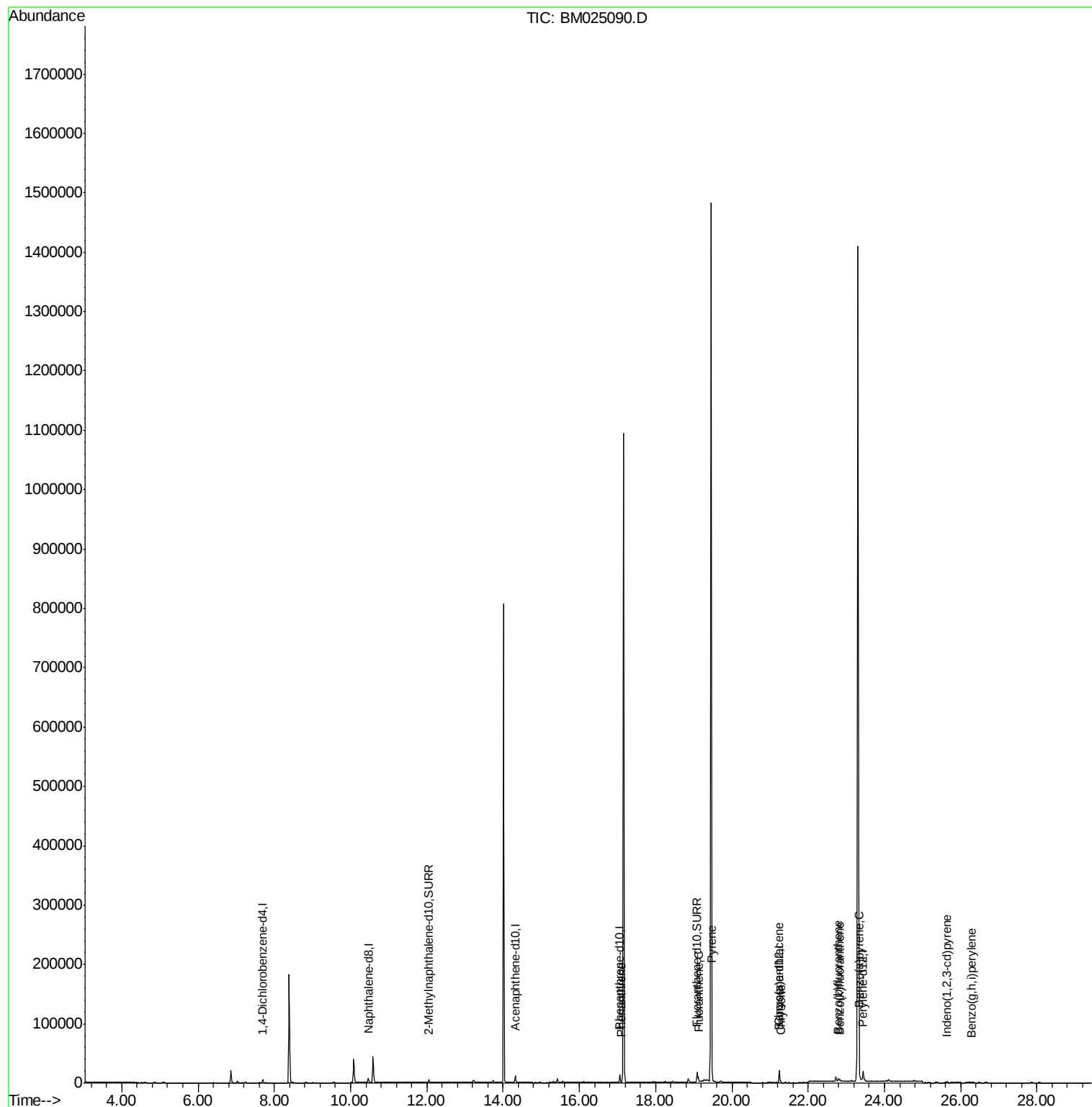
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
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Misc :
ALS Vial : 54 Sample Multiplier: 1

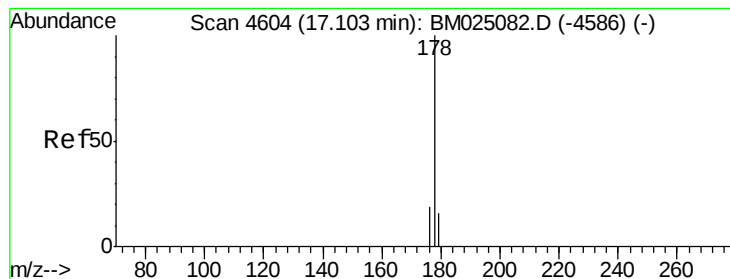
Instrument :
BNA_M
ClientSampleId :
DBCY8

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QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.027 ng/ul

RT: 17.10 min Scan# 4603

Delta R.T. -0.01 min

Lab File: BM025090.D

Acq: 26 Feb 2020 22:17

Instrument :

BNA_M

ClientSampleId :

DBCY8

Tot Ion:178 Resp: 1532

Ion Ratio Lower Upper

178 100

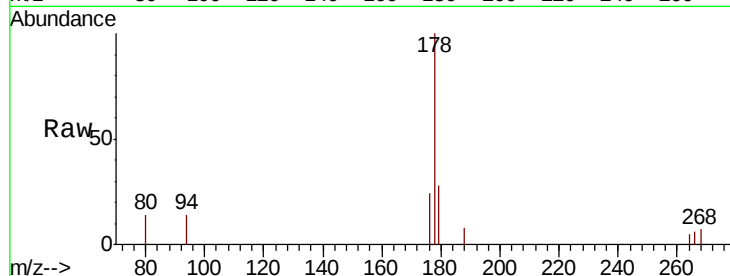
179 28.0 14.0 21.0#

176 24.3 16.6 24.8

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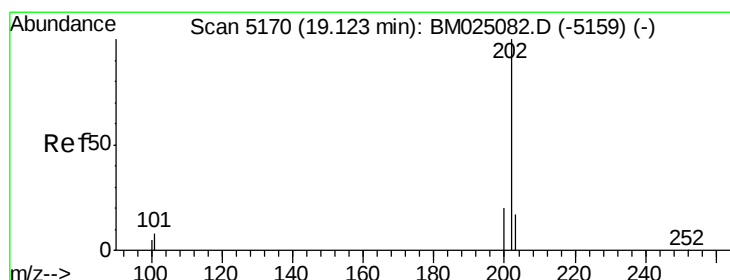
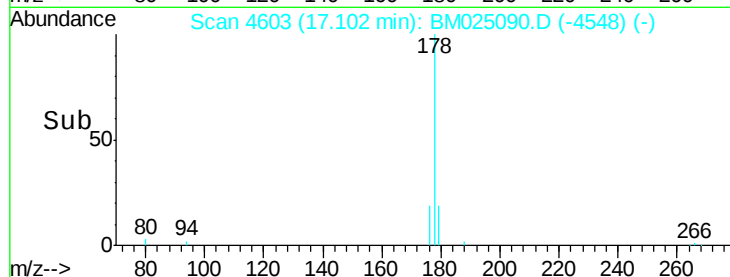
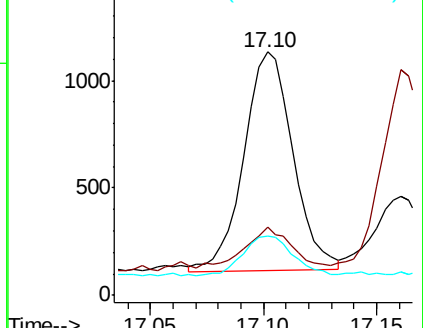
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.093 ng/ul

RT: 19.12 min Scan# 5168

Delta R.T. -0.01 min

Lab File: BM025090.D

Acq: 26 Feb 2020 22:17

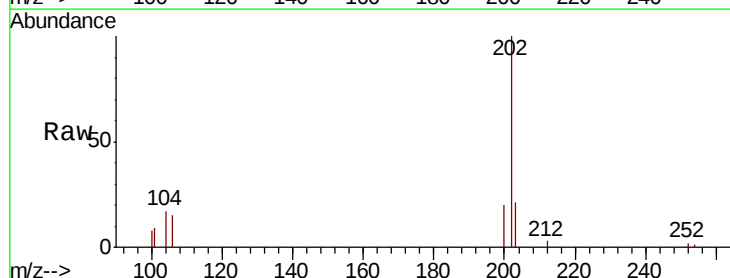
Tgt Ion:202 Resp: 7710

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.4

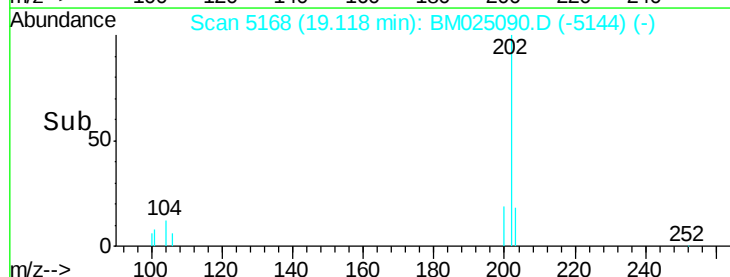
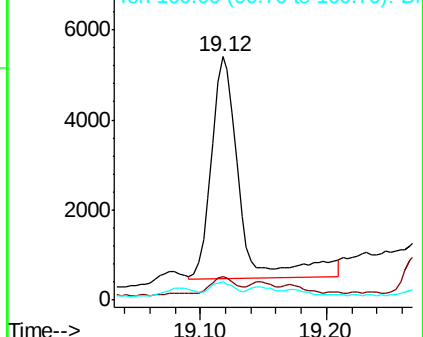
100 7.5 0.0 28.0

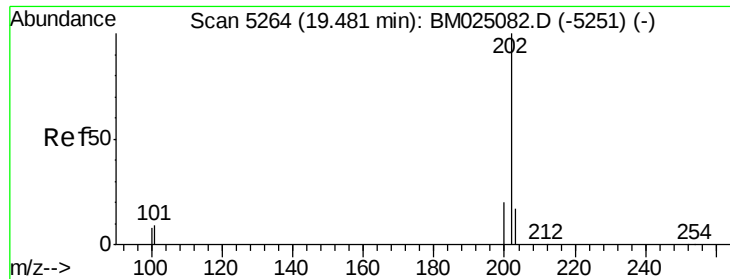


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





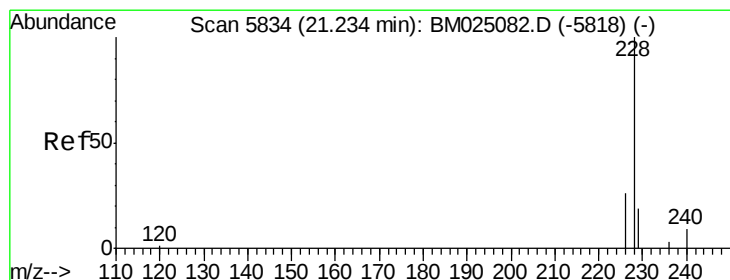
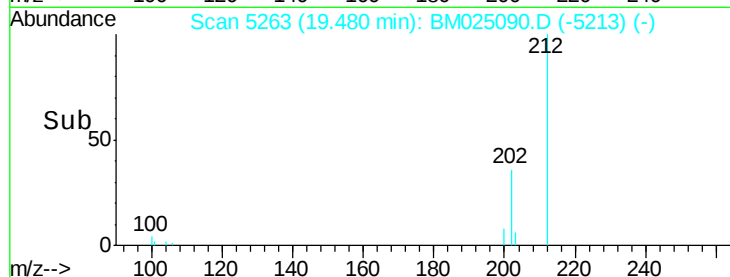
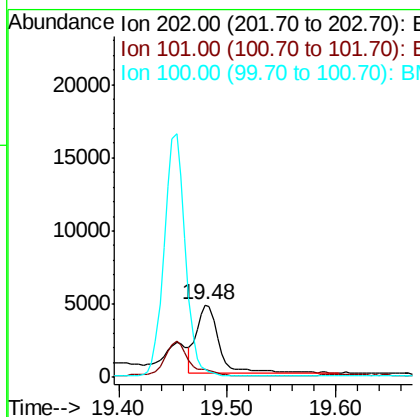
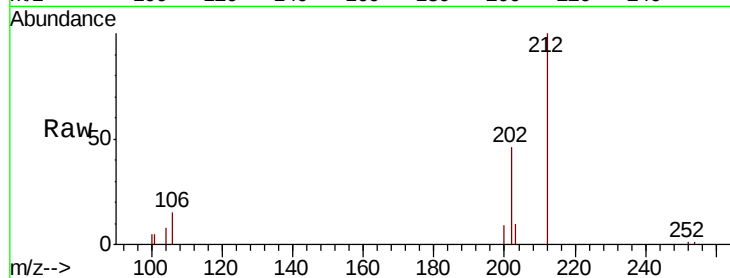
#17
Pvrene
Concen: 0.083 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025090.D
Acq: 26 Feb 2020 22:17

Instrument :
BNA_M
ClientSampled :
DBCY8

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
100	10.8	7.3	10.9

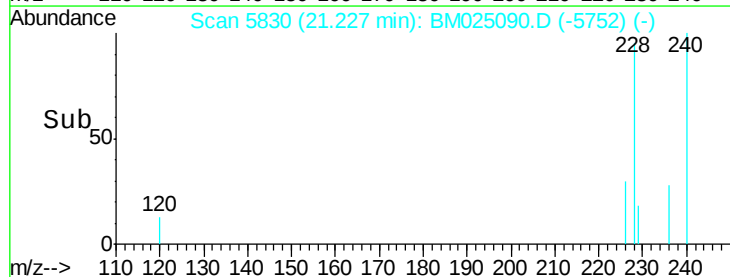
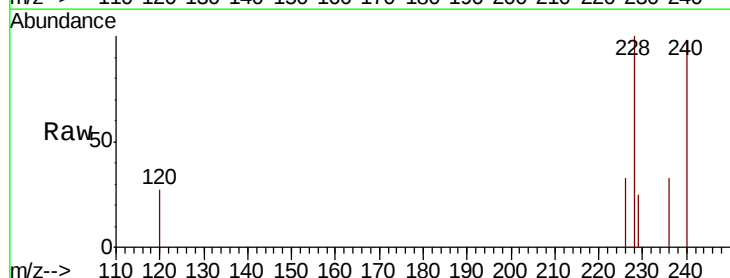
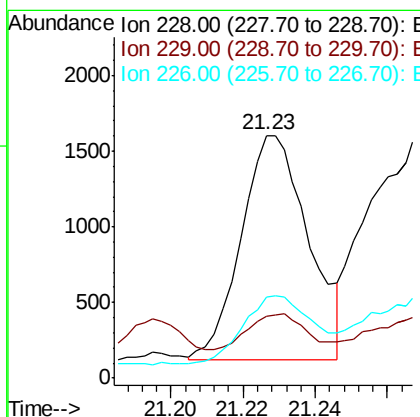
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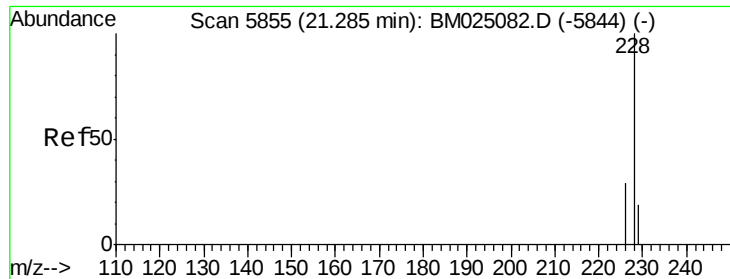
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#18
Benzo(a)anthracene
Concen: 0.025 ng/ul m
RT: 21.23 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM025090.D
Acq: 26 Feb 2020 22:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	16.6	25.0#
226	33.3	21.9	32.9#





#19

Chrysene

Concen: 0.063 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.01 min

Lab File: BM025090.D

Acq: 26 Feb 2020 22:17

Instrument :

BNA_M

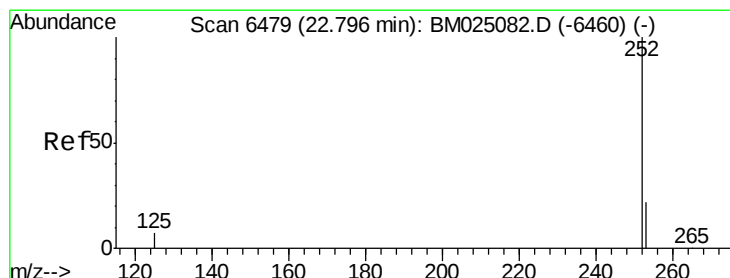
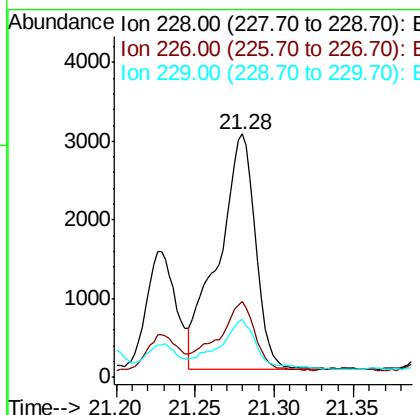
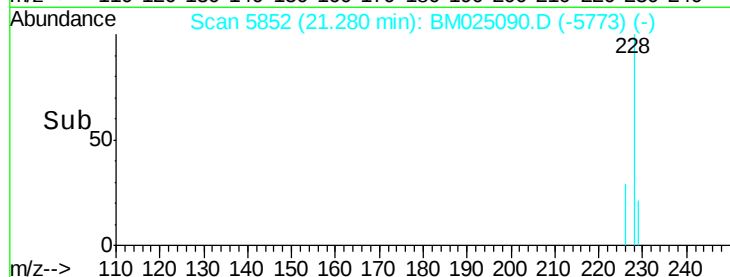
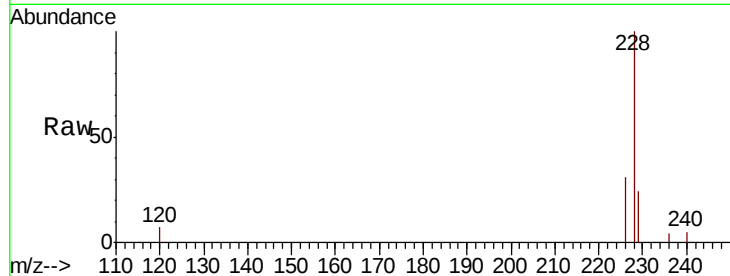
ClientSampleId :

DBCY8

Tot Ion:	228	Resp:	4835
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.8	35.8
229	23.6	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.084 ng/ul m

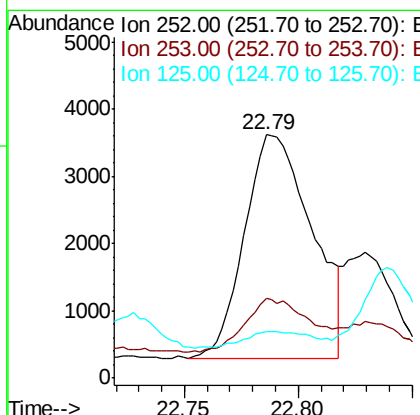
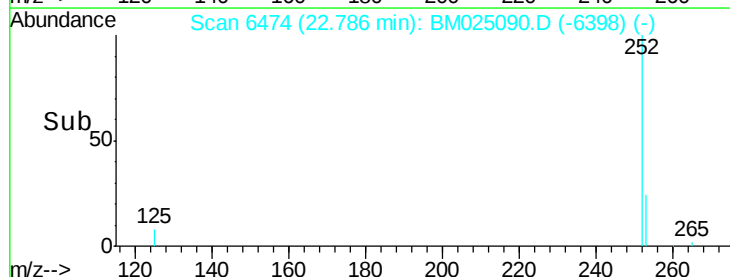
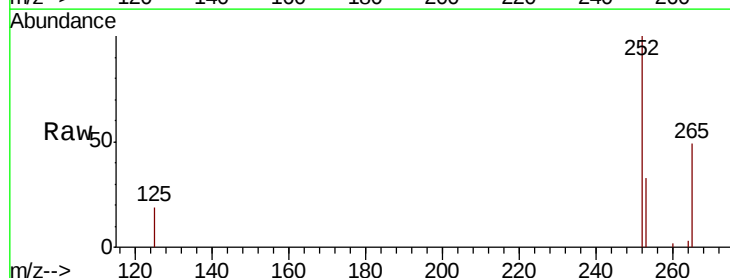
RT: 22.79 min Scan# 6474

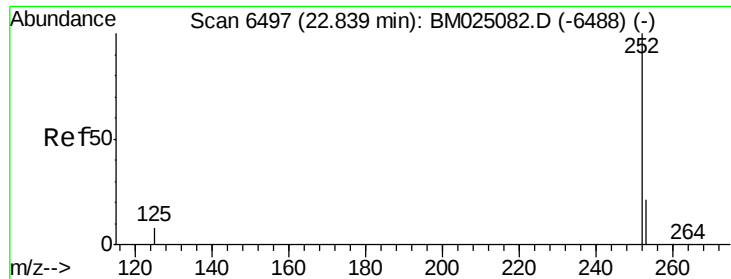
Delta R.T. -0.01 min

Lab File: BM025090.D

Acq: 26 Feb 2020 22:17

Tgt Ion:	252	Resp:	6839
Ion Ratio	Lower	Upper	
252	100		
253	32.7	0.0	49.8
125	19.0	0.0	28.6





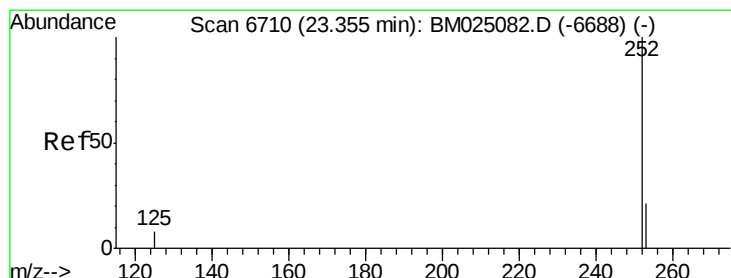
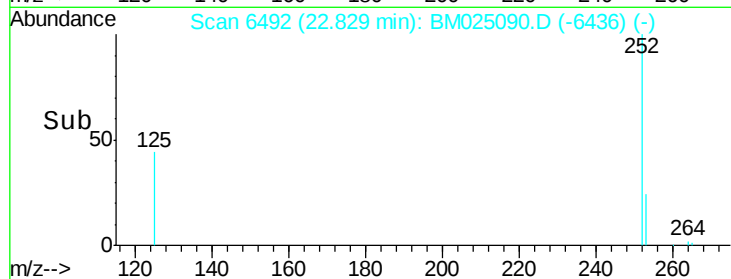
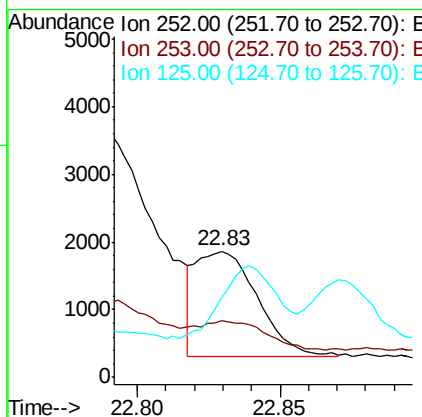
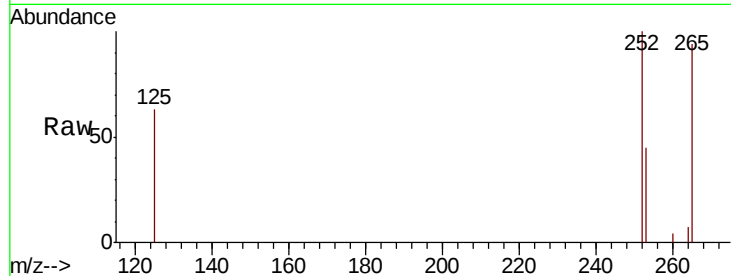
#22
Benzo(k)fluoranthene
Concen: 0.029 ng/ul
RT: 22.83 min Scan# 6492
Delta R.T. -0.01 min
Lab File: BM025090.D
Acq: 26 Feb 2020 22:17

Instrument :
BNA_M
ClientSampleID :
DBCY8

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.4	19.4	29.0#
125	63.1	10.7	16.1#

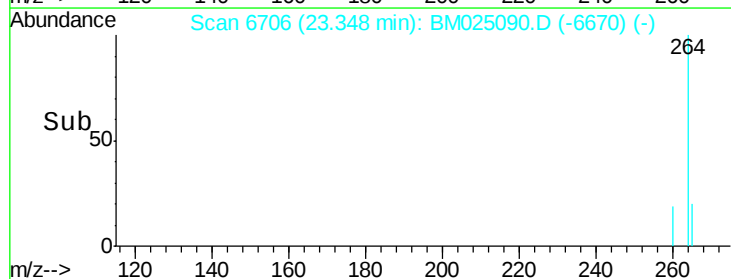
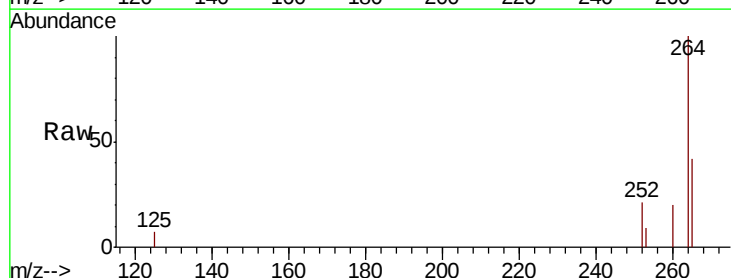
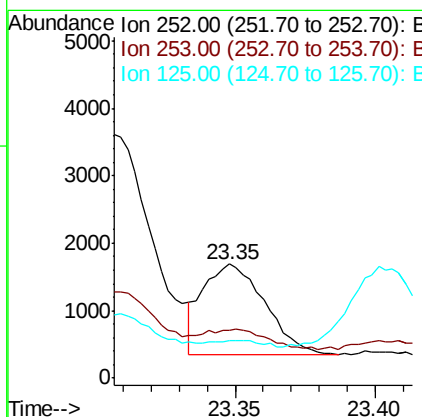
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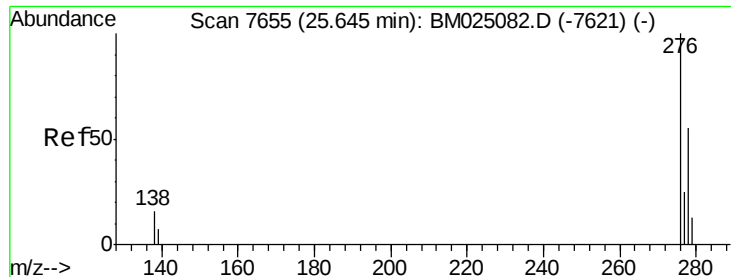
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#23
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.35 min Scan# 6706
Delta R.T. -0.01 min
Lab File: BM025090.D
Acq: 26 Feb 2020 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.4	20.3	30.5#
125	33.1	13.0	19.4#





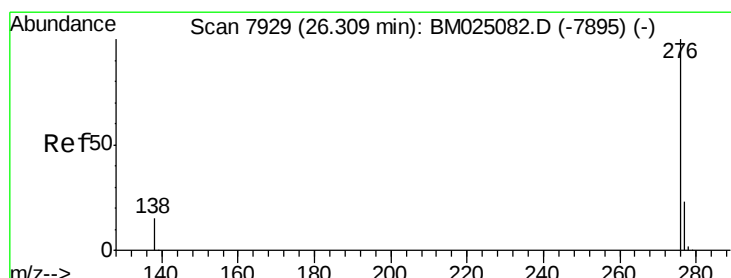
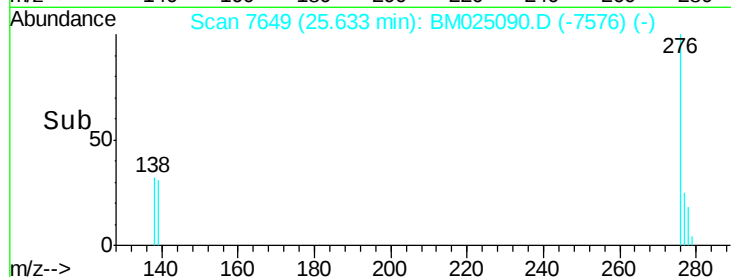
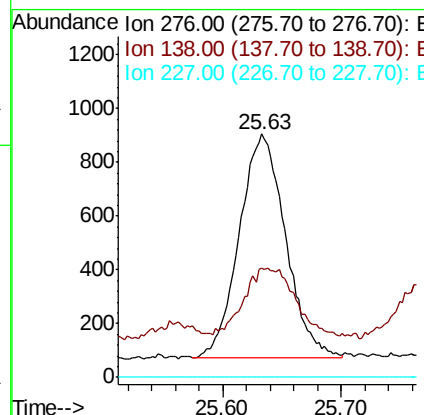
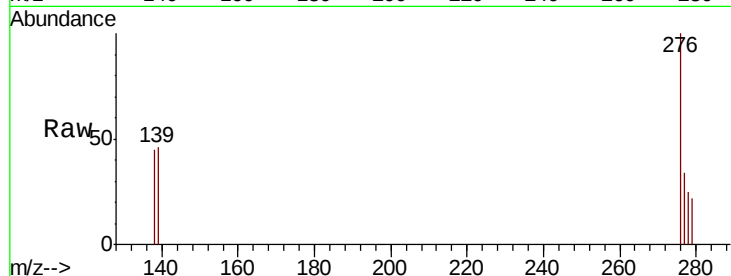
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.024 ng/u1
 RT: 25.63 min Scan# 7649
 Delta R.T. -0.02 min
 Lab File: BM025090.D
 Acq: 26 Feb 2020 22:17

Instrument :
 BNA_M
 ClientSampleId :
 DBCY8

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	0.0	0.0#
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/u1
 RT: 26.30 min Scan# 7923
 Delta R.T. -0.02 min
 Lab File: BM025090.D
 Acq: 26 Feb 2020 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.5	17.9	26.9#
277	34.7	20.5	30.7#

