

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025457.D
 Acq On : 10 Mar 2020 17:48
 Operator : CG/JU
 Sample : L1617-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDT3DL

Manual Integrations
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Quant Time: Mar 10 18:21:22 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	3122	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13300	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9260	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19248	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13225	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1551	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3176	0.06	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.35	153	16614	0.501	ng/ul	100
9) Fluorene	15.34	166	30026	0.743	ng/ul	100
12) Phenanthrene	17.07	178	115168	1.888	ng/ul	99
13) Anthracene	17.16	178	7222	0.136	ng/ul	98
15) Fluoranthene	19.09	202	75003	1.134	ng/ul	99
17) Pyrene	19.45	202	47167	0.795	ng/ul	98
18) Benzo(a)anthracene	21.21	228	3368	0.071	ng/ul	96
19) Chrysene	21.26	228	3739	0.070	ng/ul	96
21) Benzo(b)fluoranthene	22.76	252	3174m	0.059	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	1568m	0.028	ng/ul	
23) Benzo(a)pyrene	23.31	252	1535	0.035	ng/ul#	34

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

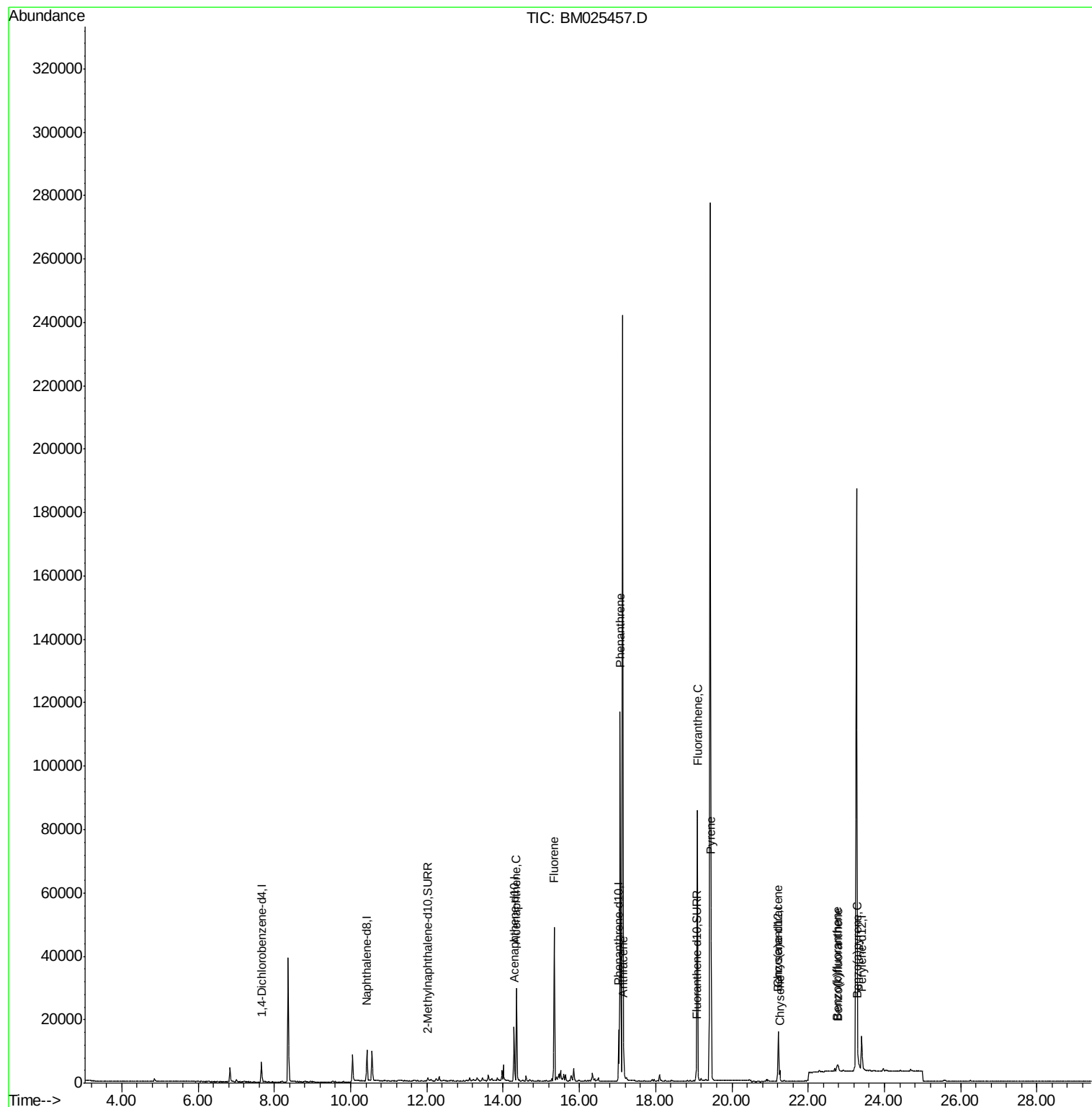
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025457.D
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Operator : CG/JU
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Misc :
ALS Vial : 51 Sample Multiplier: 1

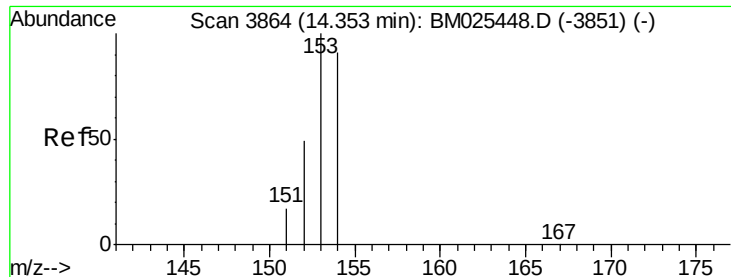
Instrument :
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#8

Acenaphthene

Concen: 0.501 ng/ul

RT: 14.35 min Scan# 3864

Delta R.T. 0.00 min

Lab File: BM025457.D

Acq: 10 Mar 2020 17:48

Instrument :

BNA_M

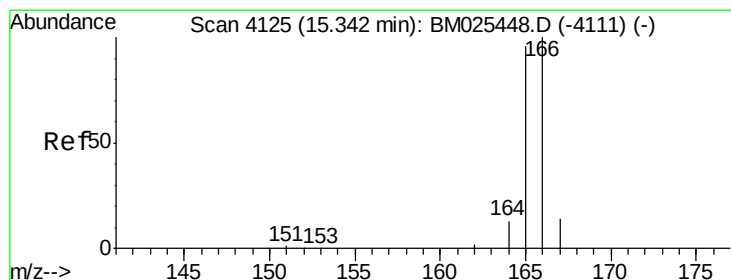
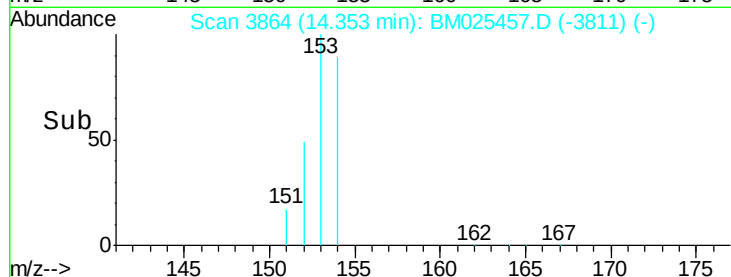
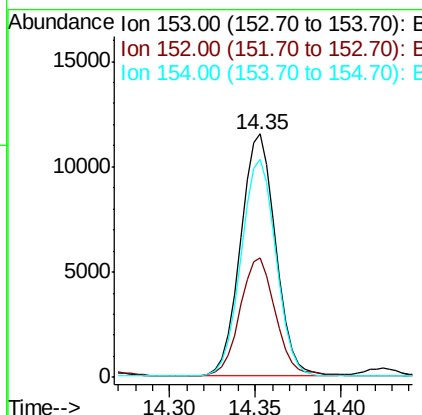
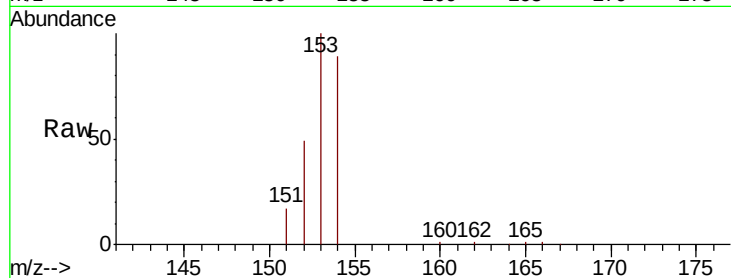
ClientSampleId :

DBDT3DL

Tot Ion:	153	Resp:	16614
Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.5	59.3
154	89.4	71.7	107.5

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#9

Fluorene

Concen: 0.743 ng/ul

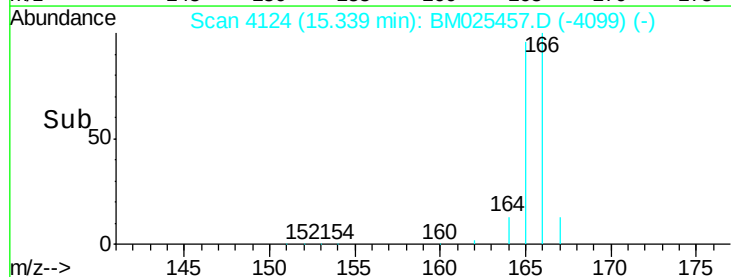
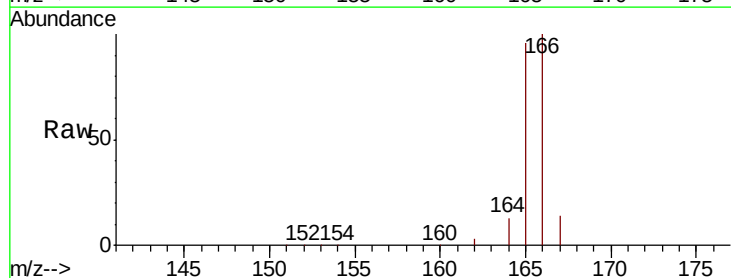
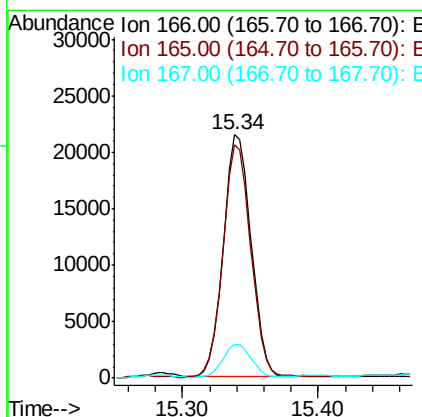
RT: 15.34 min Scan# 4124

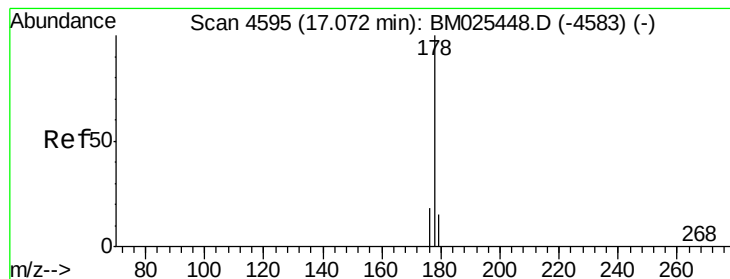
Delta R.T. -0.00 min

Lab File: BM025457.D

Acq: 10 Mar 2020 17:48

Tgt Ion:	166	Resp:	30026
Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.8	115.2
167	13.9	11.2	16.8





#12

Phenanthrene

Concen: 1.888 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025457.D

Acq: 10 Mar 2020 17:48

Instrument :

BNA_M

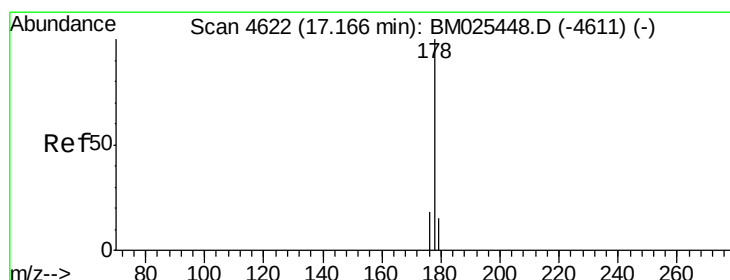
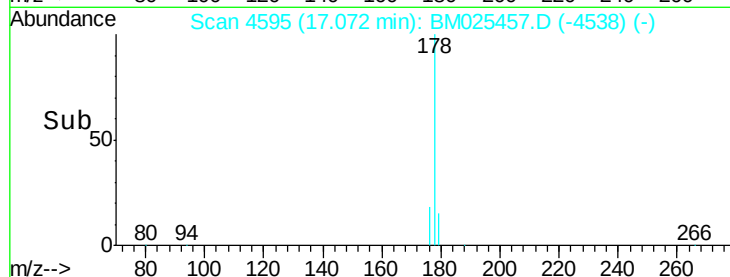
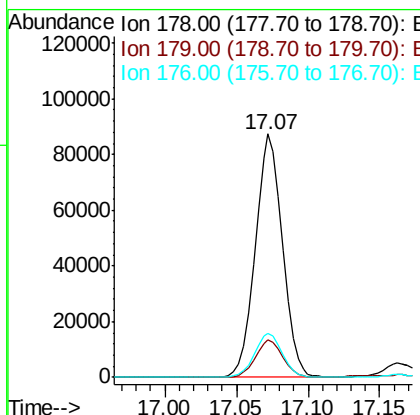
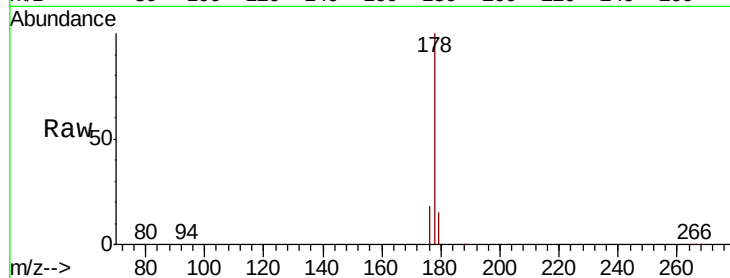
ClientSampleId :

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Tot Ion:178	Resp:	115168
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.4 18.6
176	18.2	14.8 22.2

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#13

Anthracene

Concen: 0.136 ng/ul

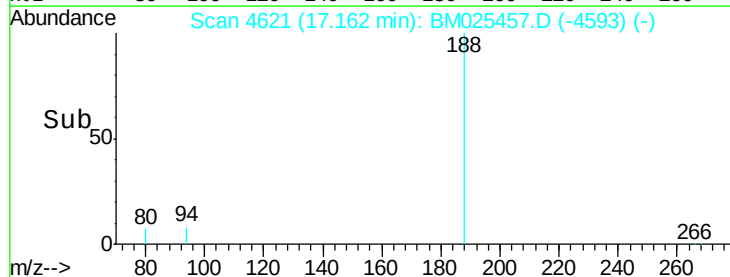
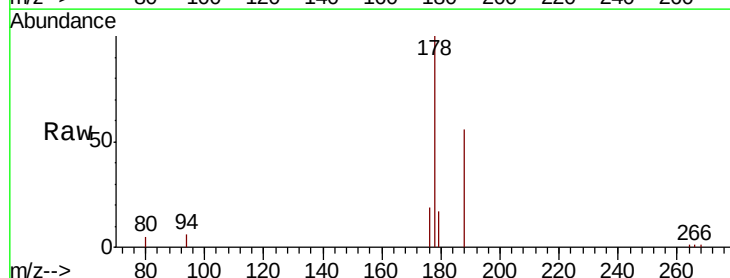
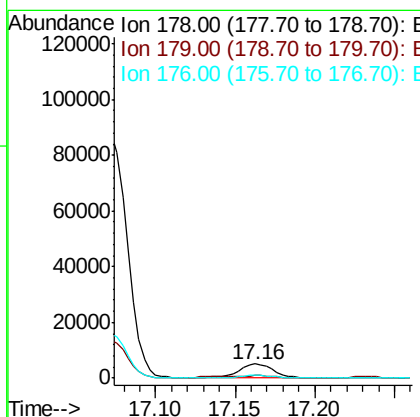
RT: 17.16 min Scan# 4621

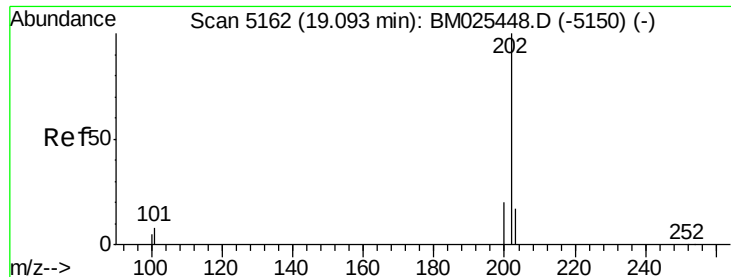
Delta R.T. -0.00 min

Lab File: BM025457.D

Acq: 10 Mar 2020 17:48

Tgt Ion:178	Resp:	7222
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.6 18.8
176	18.8	14.5 21.7





#15

Fluoranthene

Concen: 1.134 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. 0.00 min

Lab File: BM025457.D

Acq: 10 Mar 2020 17:48

Instrument :

BNA_M

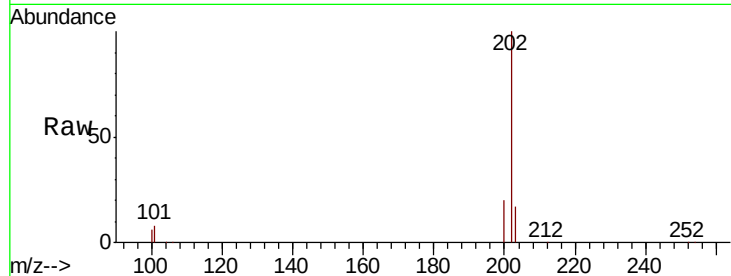
ClientSampleId :

DBDT3DL

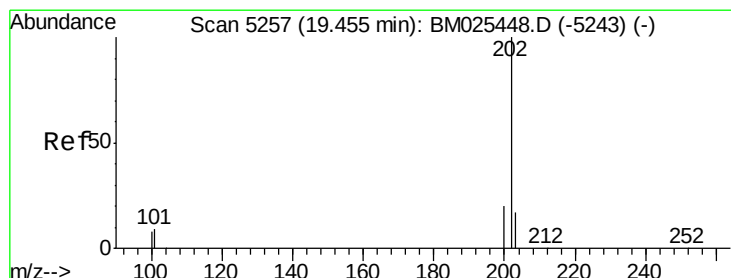
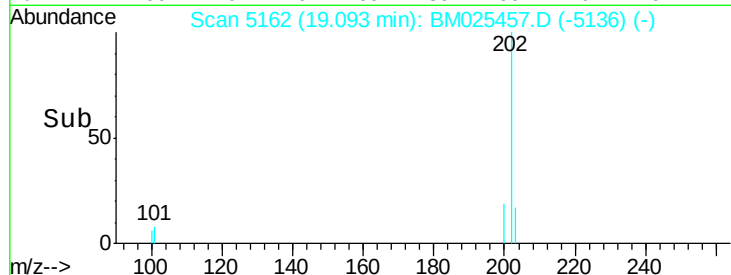
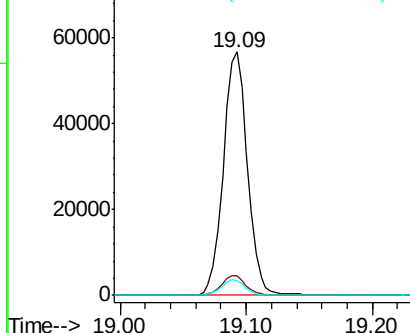
Tot Ion:	202	Resp:	75003
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	27.5
100	6.1	0.0	26.0

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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

Pyrene

Concen: 0.795 ng/ul

RT: 19.45 min Scan# 5256

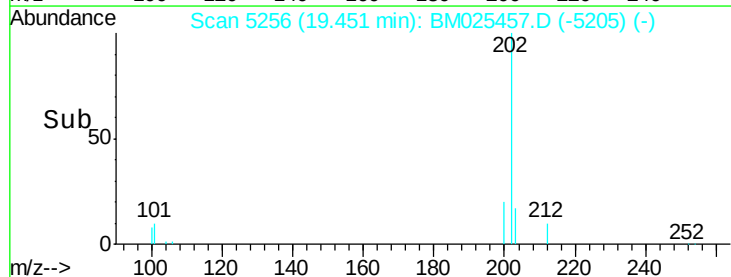
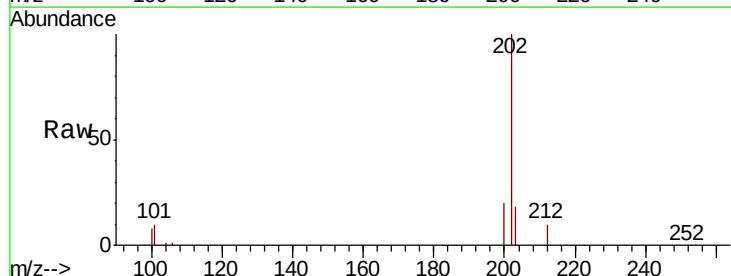
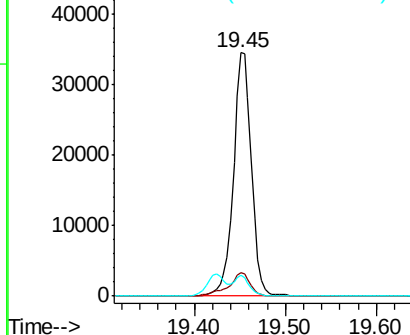
Delta R.T. -0.00 min

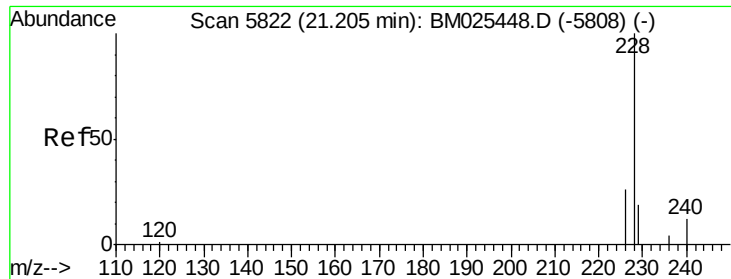
Lab File: BM025457.D

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Tgt Ion:	202	Resp:	47167
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.1	10.7
100	8.4	6.0	9.0

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





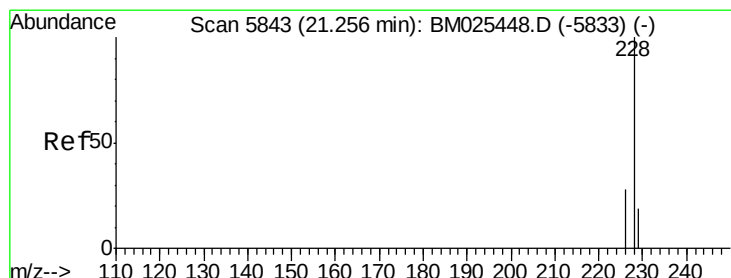
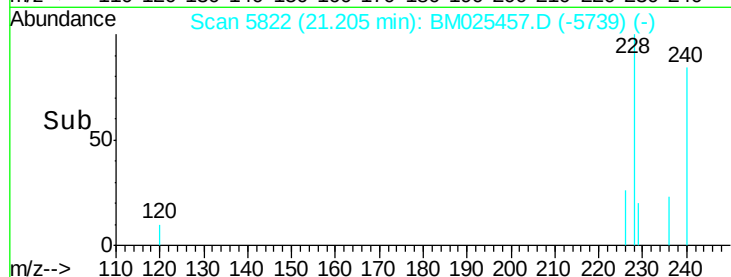
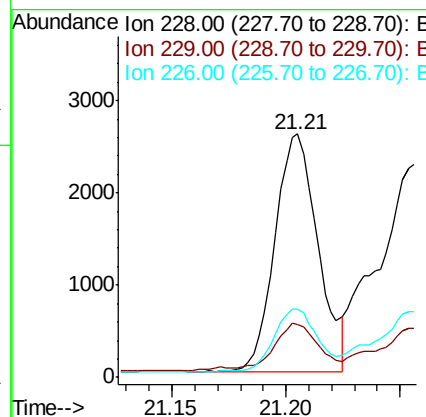
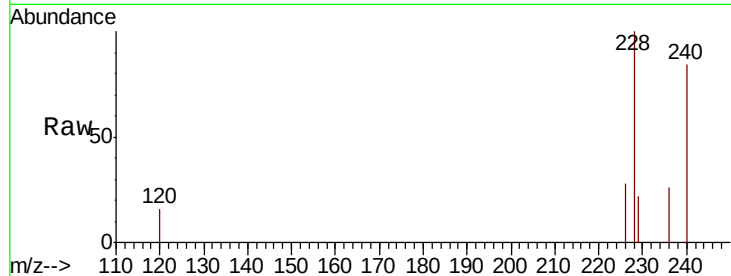
#18
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. 0.00 min
Lab File: BM025457.D
Acq: 10 Mar 2020 17:48

Instrument :
BNA_M
ClientSampleId :
DBDT3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	27.8	21.1	31.7

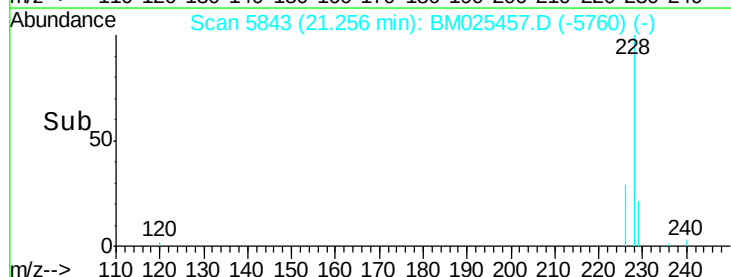
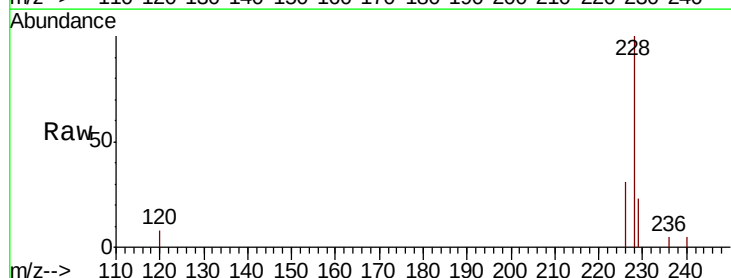
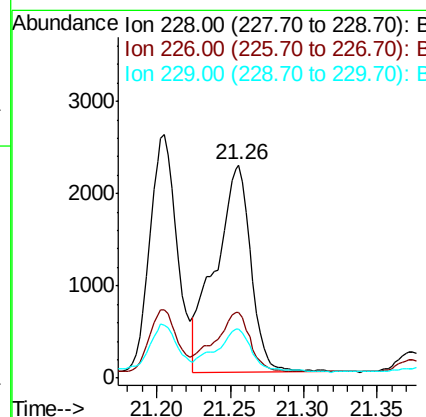
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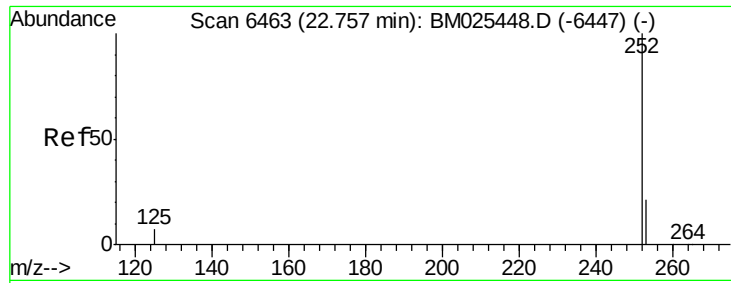
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#19
Chrysene
Concen: 0.070 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. 0.00 min
Lab File: BM025457.D
Acq: 10 Mar 2020 17:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.6	35.4
229	22.9	16.3	24.5





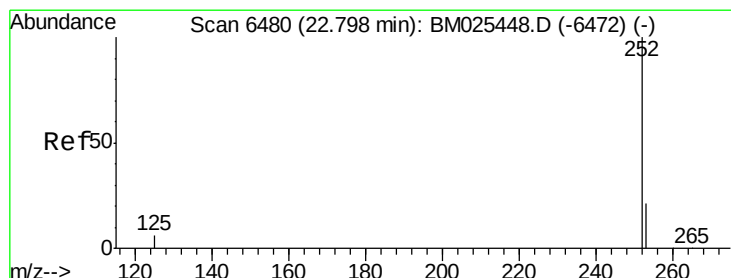
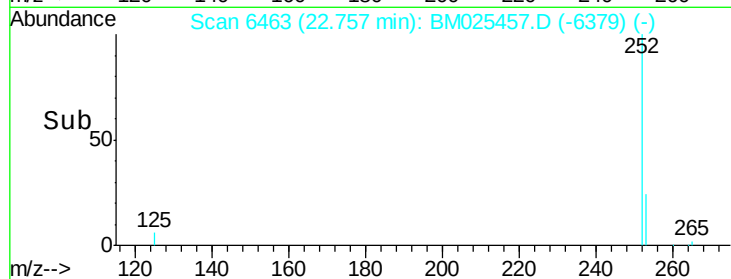
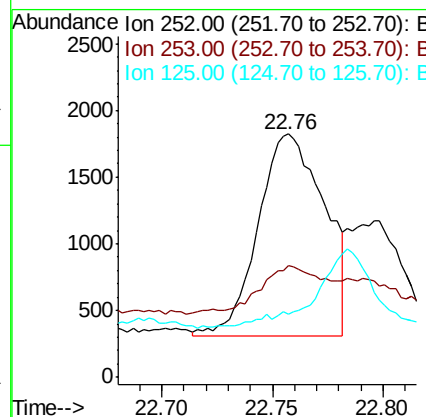
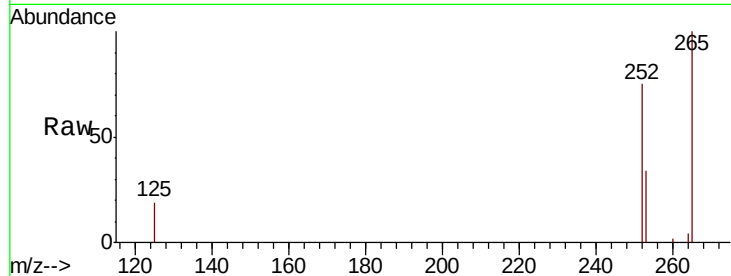
#21
Benzo(b)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025457.D
Acq: 10 Mar 2020 17:48

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	45.9	0.0	50.2
125	25.8	0.0	17.6

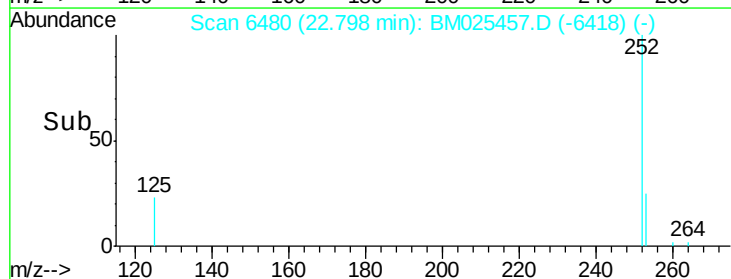
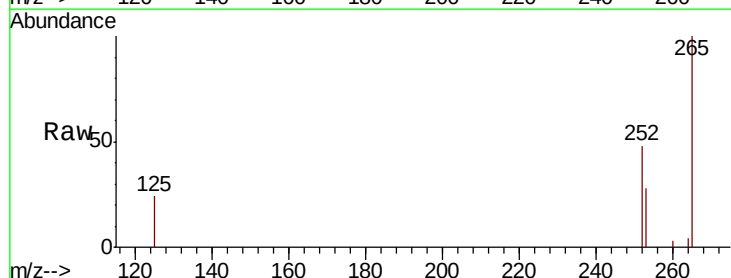
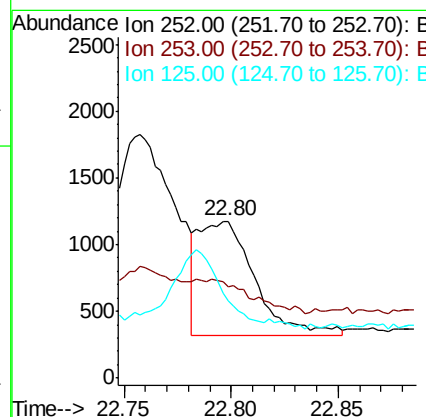
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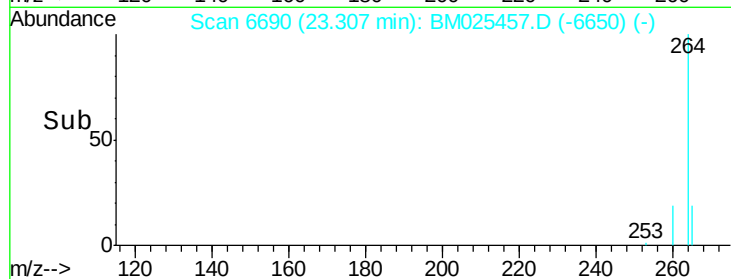
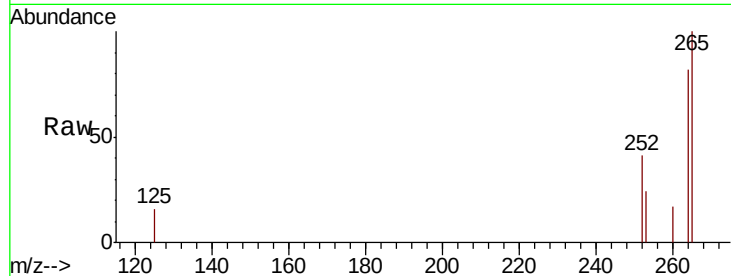
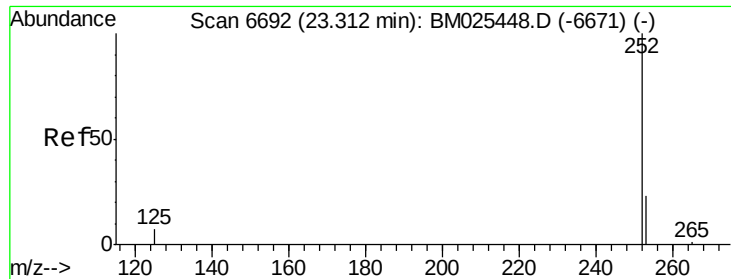
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#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. 0.00 min
Lab File: BM025457.D
Acq: 10 Mar 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.1	19.8	29.8
125	49.2	7.1	10.7





#23

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

Lab File: BM025457.D

Acq: 10 Mar 2020 17:48

Tot Ion:	252	Resp:	1535
Ion Ratio	Lower	Upper	
252	100		
253	58.9	21.3	31.9#
125	39.0	8.5	12.7#

Instrument :

BNA_M

ClientSampleId :

DBDT3DL

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