

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025476.D
 Acq On : 11 Mar 2020 05:58
 Operator : CG/JU
 Sample : L1617-21DL 5X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDT5DL

Manual Integrations
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mohammad
 3/11/2020 8:02:32 AM

Quant Time: Mar 11 06:37:48 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 : Tue Mar 10 23:48:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13895	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	22893	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15735	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1651	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	4247	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	35873	0.872	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	18641	0.634	ng/ul	100
7) Acenaphthylene	14.00	152	1782	0.043	ng/ul#	88
8) Acenaphthene	14.35	153	35089	0.969	ng/ul	99
9) Fluorene	15.34	166	30279	0.687	ng/ul	99
12) Phenanthrene	17.07	178	218855	3.017	ng/ul	99
13) Anthracene	17.13	178	40664	0.644	ng/ul#	1
15) Fluoranthene	19.09	202	73521	0.935	ng/ul	98
17) Pyrene	19.45	202	49997	0.708	ng/ul	98
18) Benzo(a)anthracene	21.20	228	5633	0.100	ng/ul	97
19) Chrysene	21.25	228	4108	0.065	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	3515m	0.059	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	1405m	0.023	ng/ul	
23) Benzo(a)pyrene	23.30	252	1864	0.038	ng/ul#	43

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

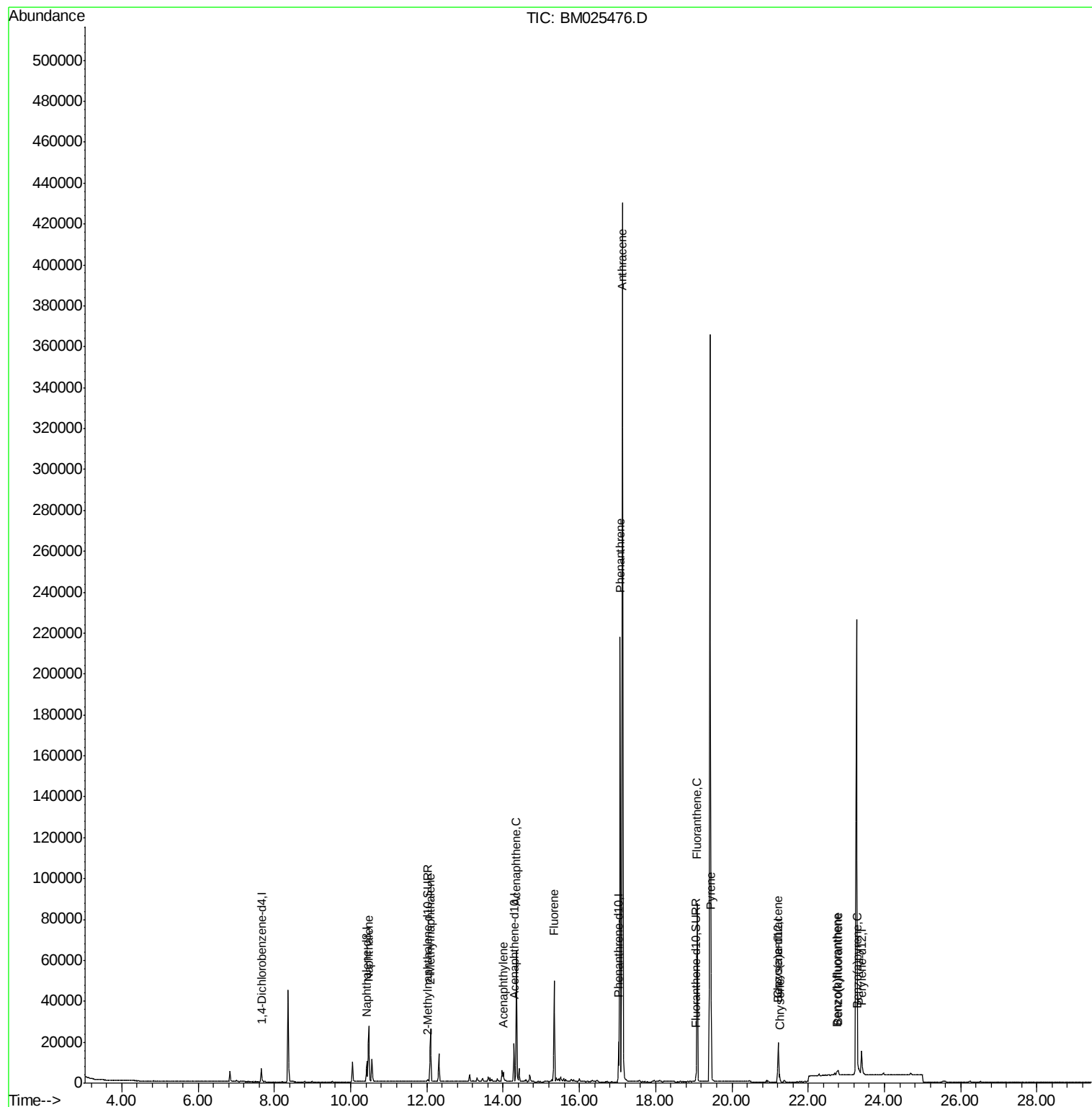
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025476.D
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Misc :
ALS Vial : 70 Sample Multiplier: 1

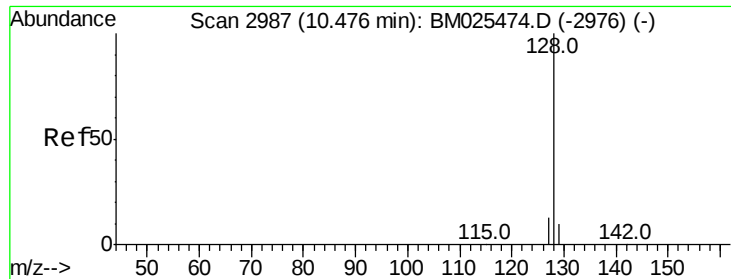
Instrument :
BNA_M
ClientSampleId :
DBDT5DL

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Quant Time: Mar 11 06:37:48 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 : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.872 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

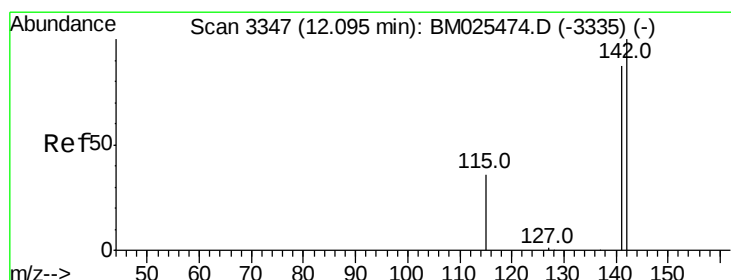
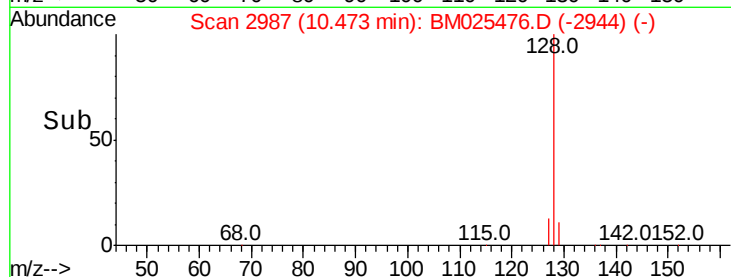
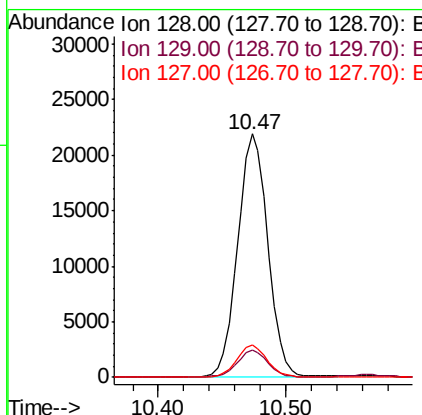
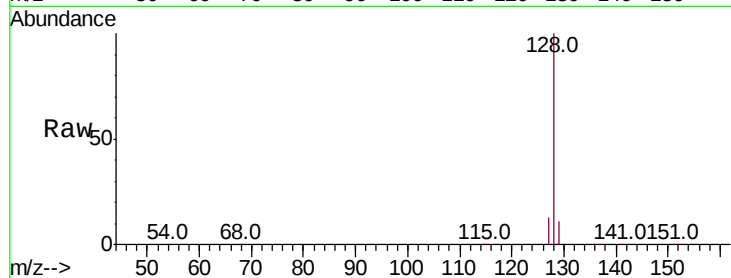
ClientSampleId :

DBDT5DL

Tot Ion:	128	Resp:	35873
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.3	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.634 ng/ul

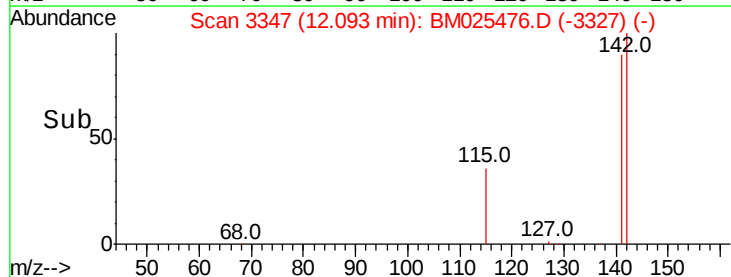
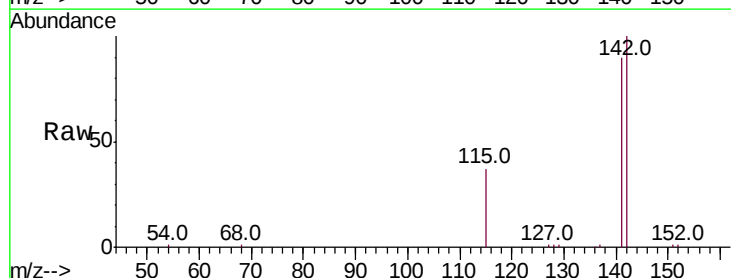
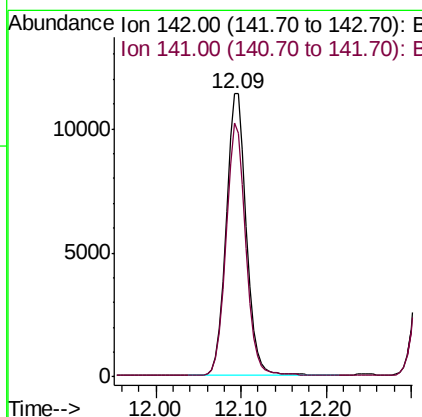
RT: 12.09 min Scan# 3347

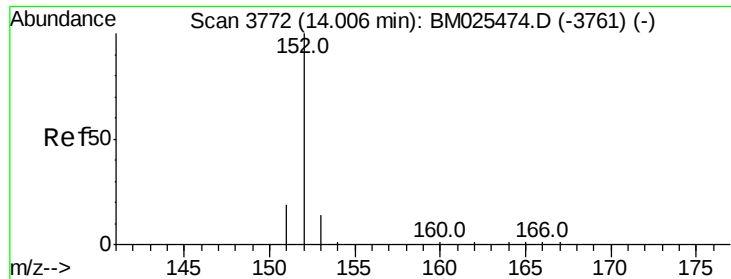
Delta R.T. -0.01 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Tgt Ion:	142	Resp:	18641
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

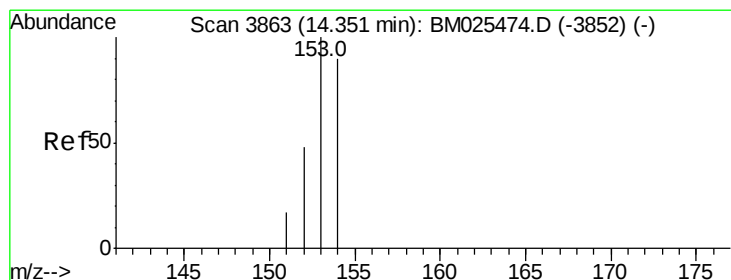
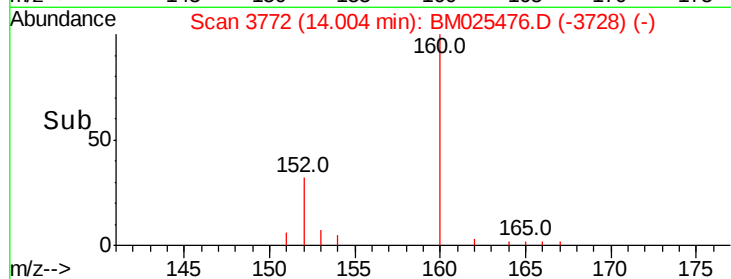
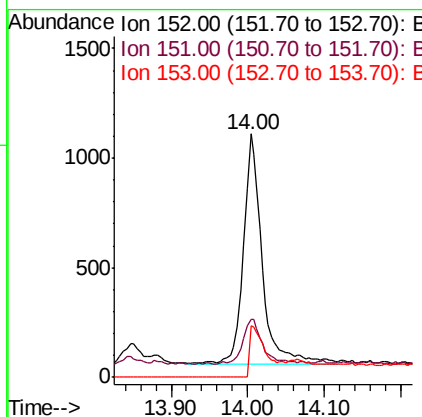
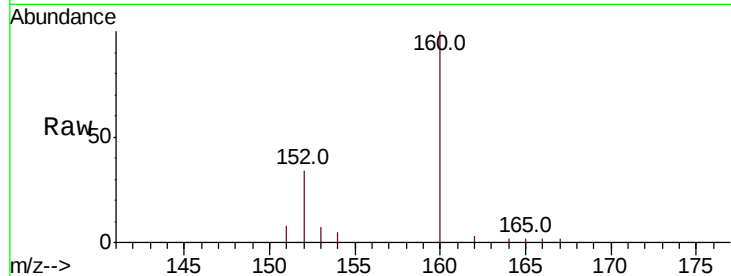
ClientSampleId :

DBDT5DL

Tot Ion:	152	Resp:	1782
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.2	24.2
153	21.2	10.6	16.0#

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#8

Acenaphthene

Concen: 0.969 ng/ul

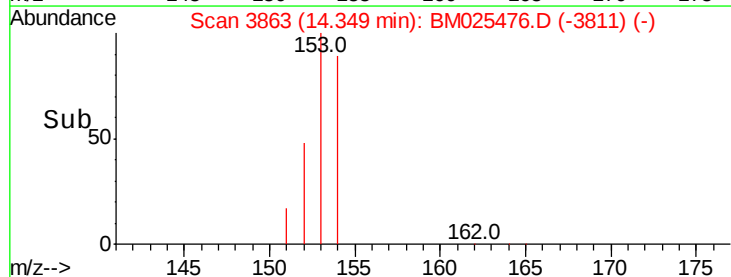
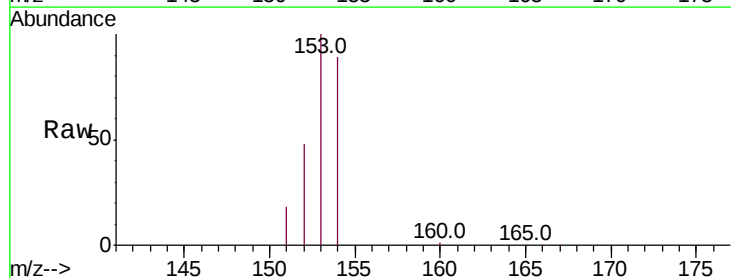
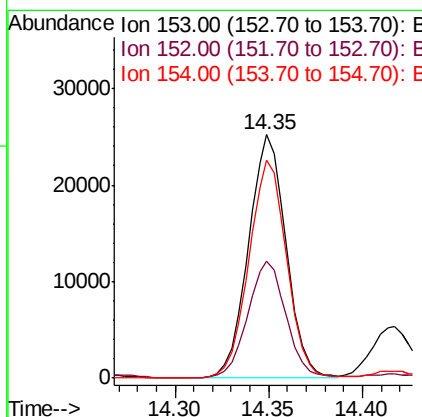
RT: 14.35 min Scan# 3863

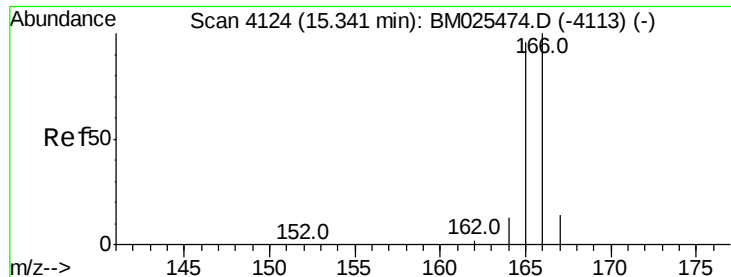
Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Tgt Ion:	153	Resp:	35089
Ion Ratio	Lower	Upper	
153	100		
152	48.2	39.5	59.3
154	89.3	71.7	107.5





#9

Fluorene

Concen: 0.687 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampleId :

DBDT5DL

Tot Ion:166 Resp: 30279

Ion Ratio Lower Upper

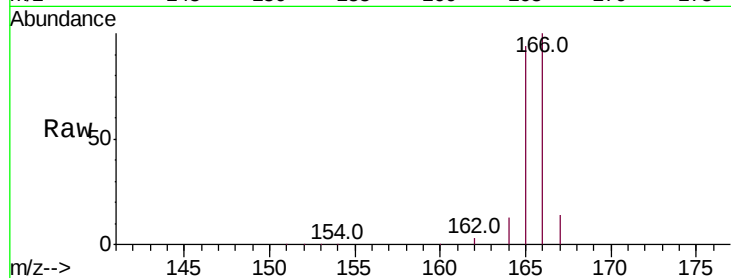
166 100

165 94.4 76.8 115.2

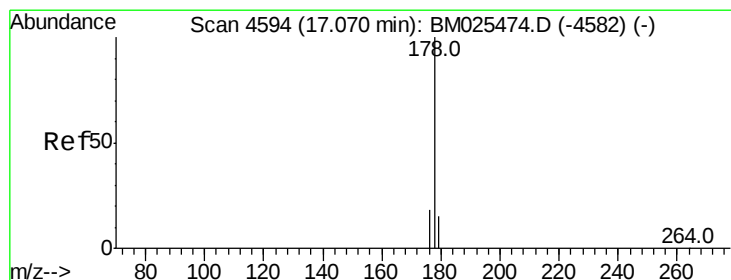
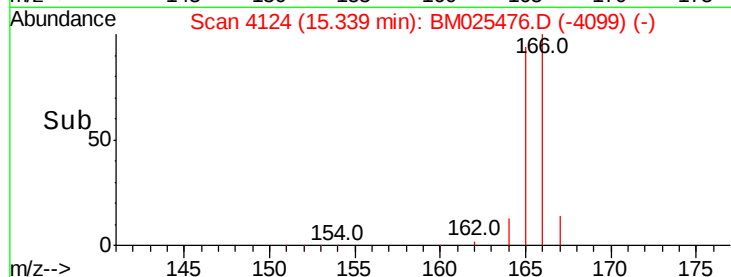
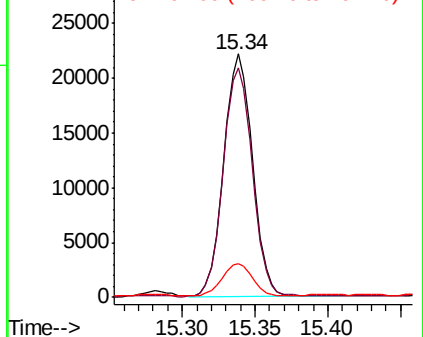
167 14.1 11.2 16.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 3.017 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

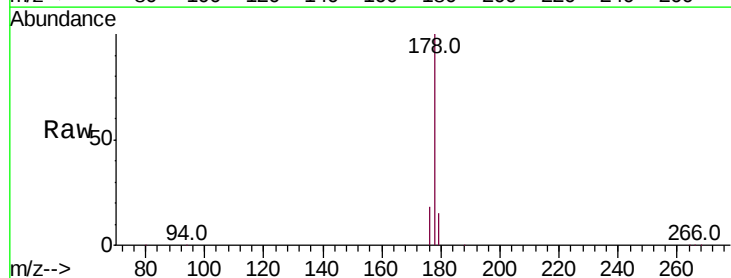
Tgt Ion:178 Resp: 218855

Ion Ratio Lower Upper

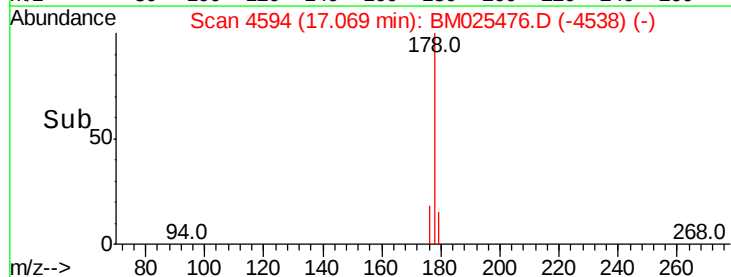
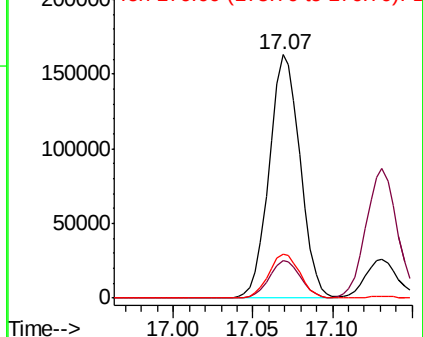
178 100

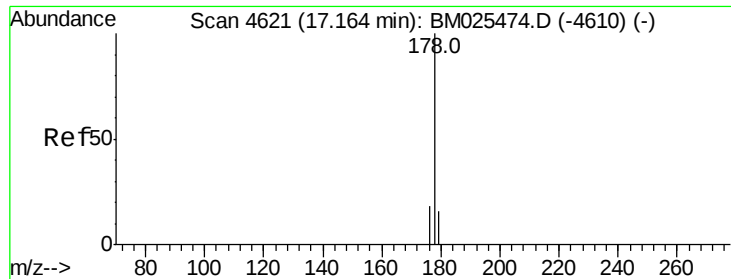
179 15.2 12.4 18.6

176 18.3 14.8 22.2



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





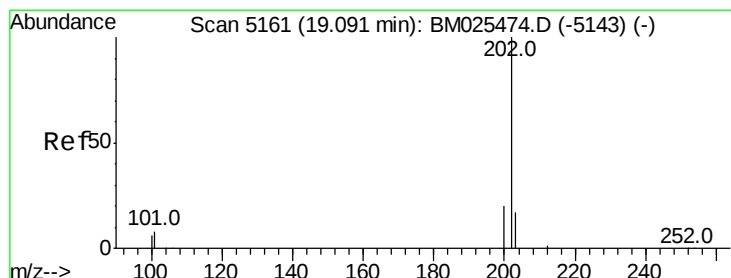
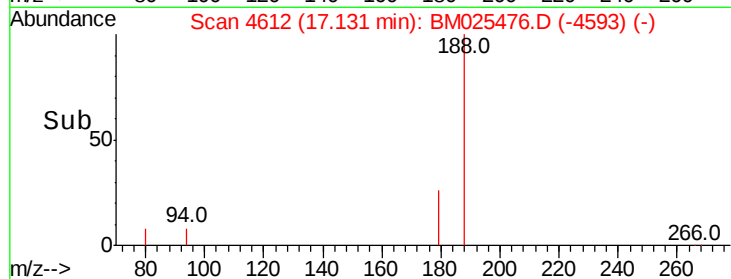
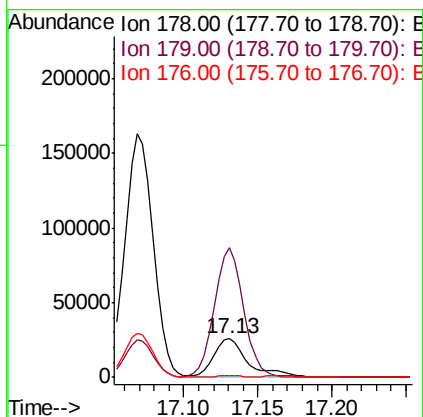
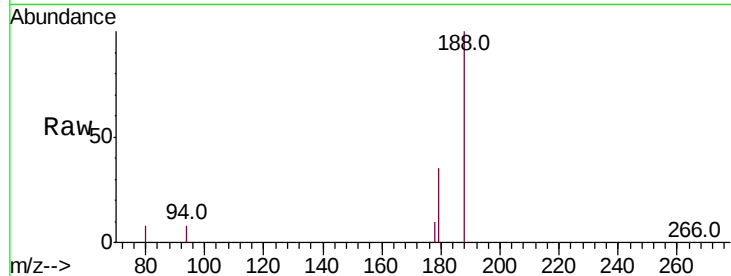
#13
 Anthracene
 Concen: 0.644 ng/ul
 RT: 17.13 min Scan# 4612
 Delta R.T. -0.03 min
 Lab File: BM025476.D
 Acq: 11 Mar 2020 05:58

Instrument :
 BNA_M
 ClientSampleId :
 DBDT5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	333.5	12.6	18.8#
176	4.3	14.5	21.7#

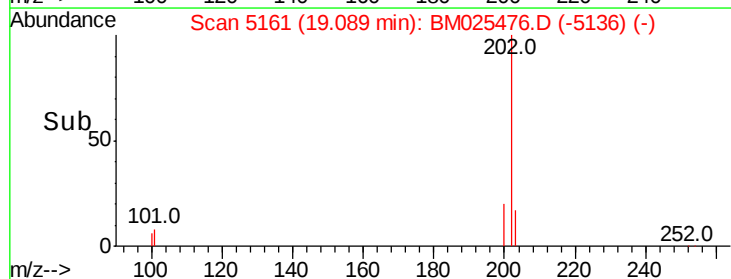
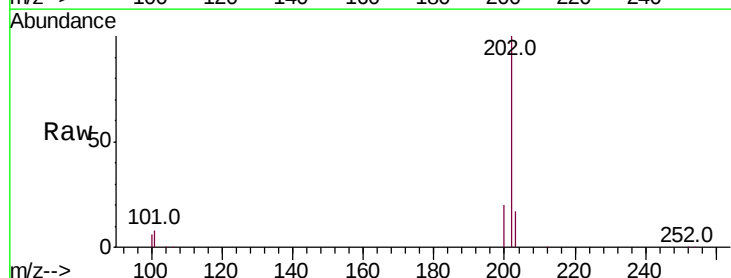
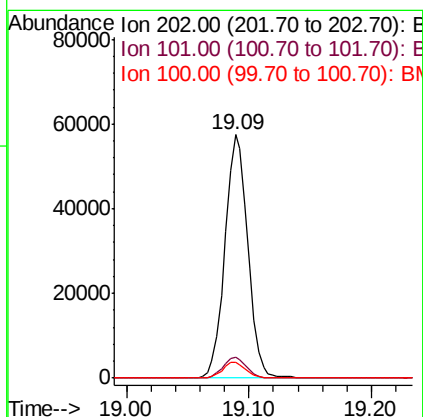
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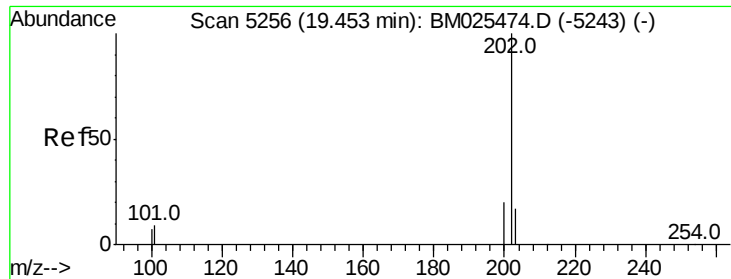
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#15
 Fluoranthene
 Concen: 0.935 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025476.D
 Acq: 11 Mar 2020 05:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.4	0.0	26.0





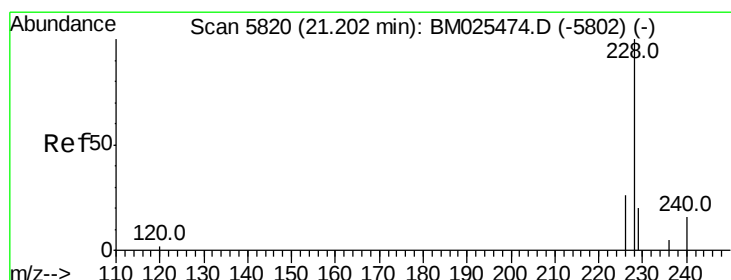
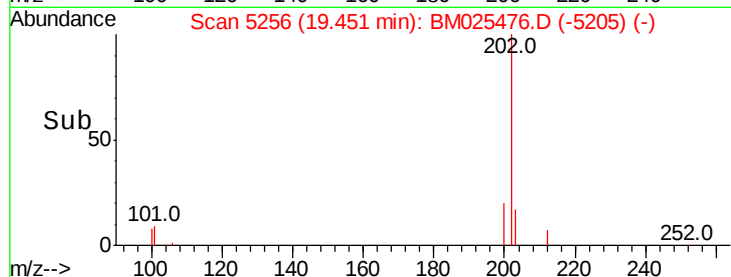
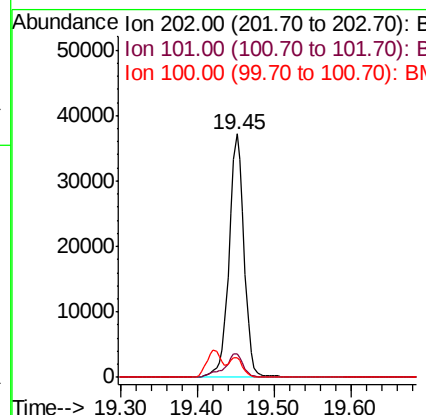
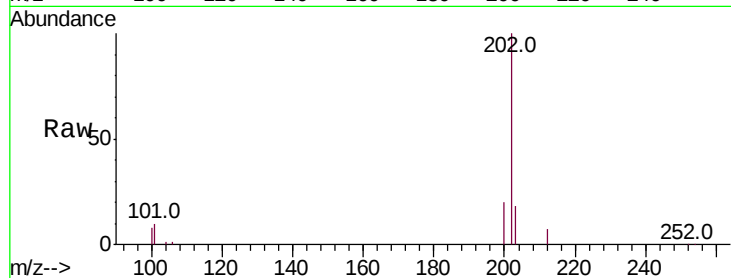
#17
Pvrene
Concen: 0.708 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025476.D
Acq: 11 Mar 2020 05:58

Instrument :
BNA_M
ClientSampleId :
DBDT5DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	49997		
101	9.6		7.1	10.7
100	8.2		6.0	9.0

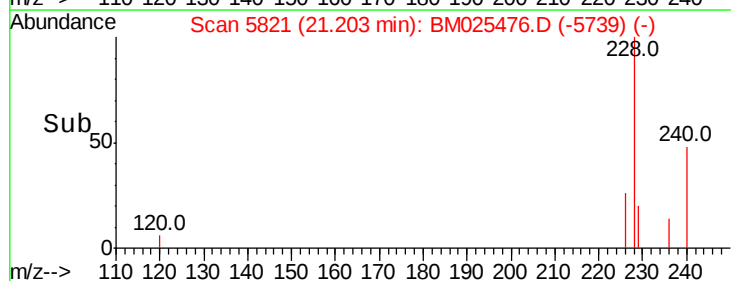
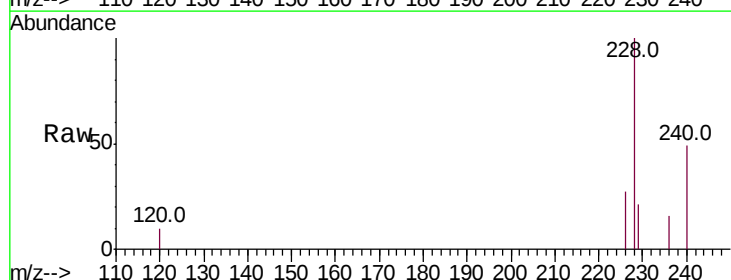
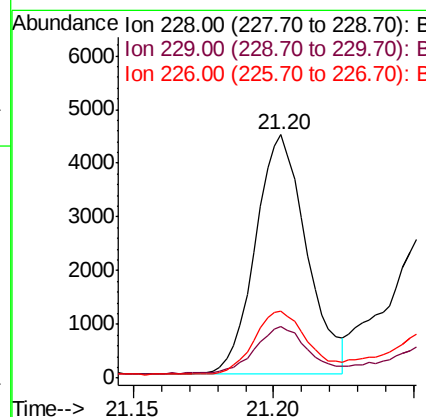
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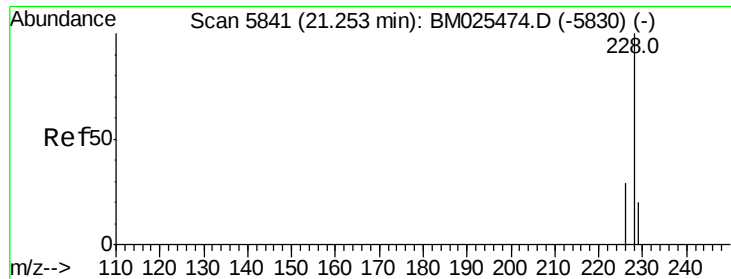
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#18
Benzo(a)anthracene
Concen: 0.100 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025476.D
Acq: 11 Mar 2020 05:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	5633		
229	21.3		15.6	23.4
226	27.5		21.1	31.7





#19

Chrysene

Concen: 0.065 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

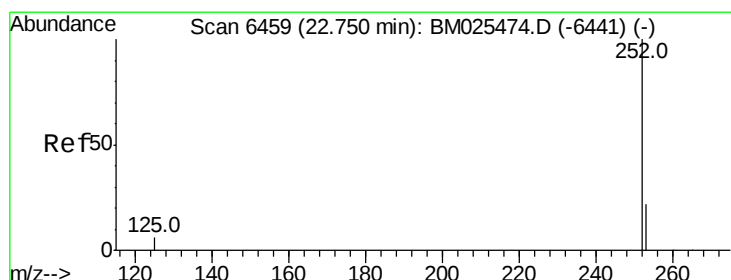
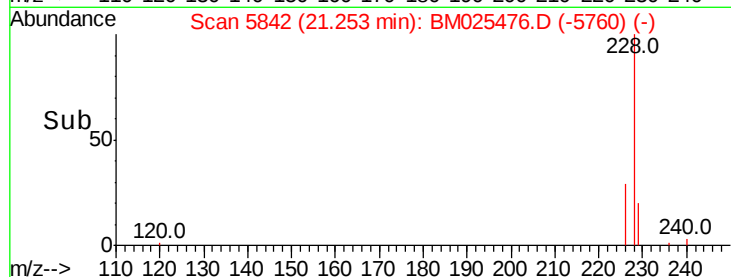
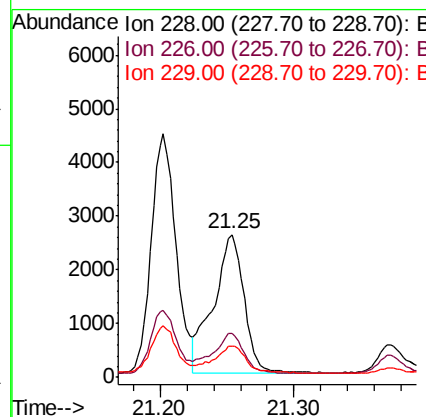
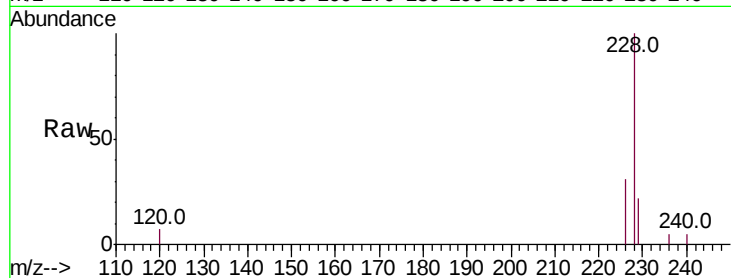
ClientSampleId :

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Tot Ion:228	Resp:	4108
Ion Ratio	Lower	Upper
228 100		
226 30.6	23.6	35.4
229 22.2	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.059 ng/ul m

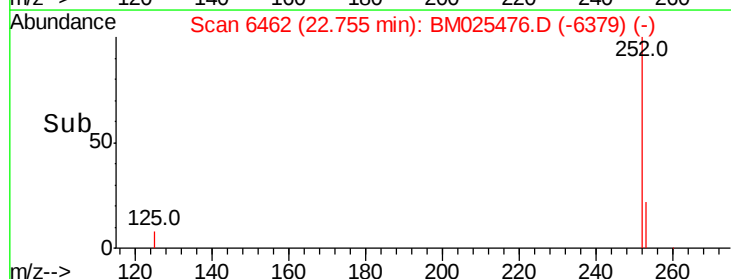
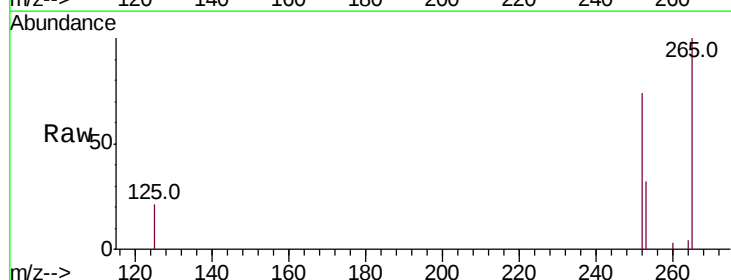
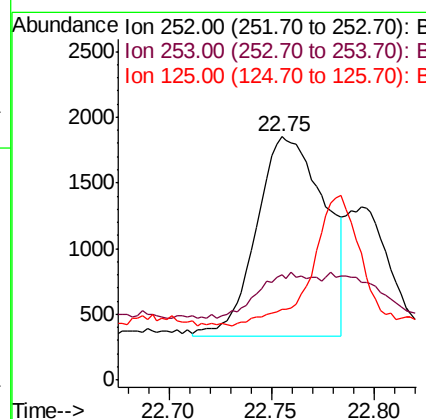
RT: 22.75 min Scan# 6462

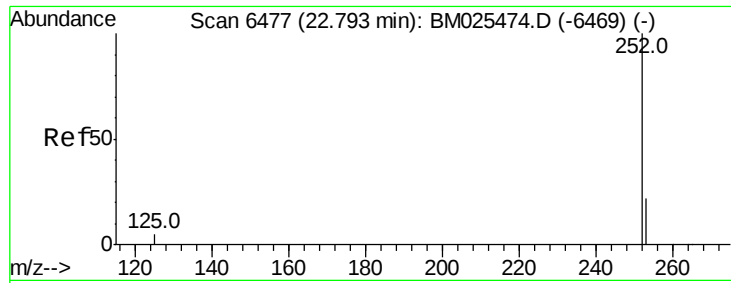
Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Tgt Ion:252	Resp:	3515
Ion Ratio	Lower	Upper
252 100		
253 43.5	0.0	50.2
125 28.9	0.0	17.6#





#22

Benzo(k)fluoranthene

Concen: 0.023 ng/ul m

RT: 22.79 min Scan# 6478

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

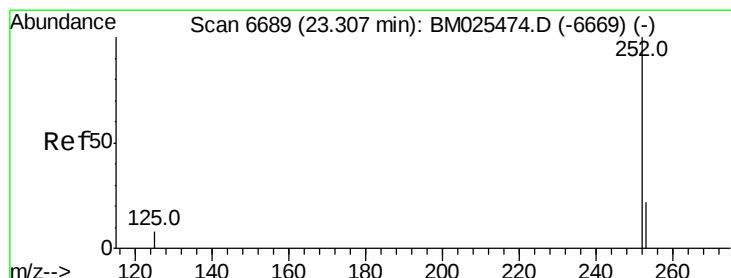
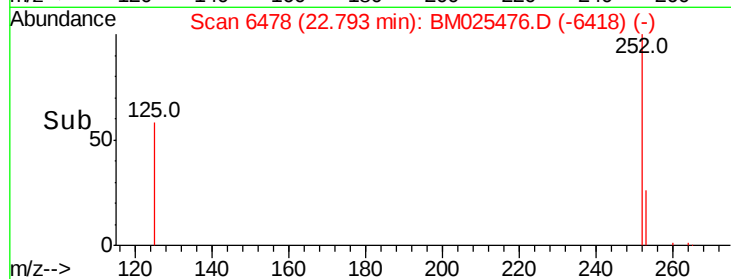
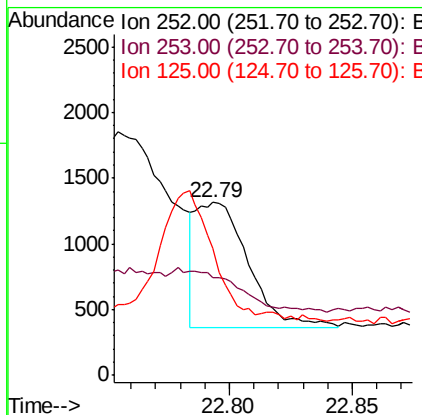
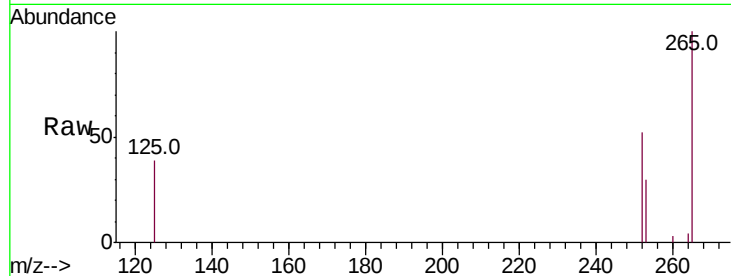
ClientSampleId :

DBDT5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	56.4	19.8	29.8#
125	73.7	7.1	10.7#

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#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.30 min Scan# 6689

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.9	21.3	31.9#
125	38.1	8.5	12.7#

