

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025404.D
 Acq On : 09 Mar 2020 02:55
 Operator : CG/JU
 Sample : L1617-21
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDT5

Manual Integrations
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Quant Time: Mar 09 03:58:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3896	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	17618	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	13598	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	31343m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	28061	0.40	ng/ul	-0.01
20) Perylene-d12	23.41	264	24154	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10347	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	30851	0.30	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	225383	4.251	ng/ul#	82
5) 2-Methylnaphthalene	12.10	142	119093	3.084	ng/ul	100
7) Acenaphthylene	14.01	152	10499	0.165	ng/ul	97
8) Acenaphthene	14.35	153	218073	4.416	ng/ul	98
9) Fluorene	15.34	166	185061	2.989	ng/ul	95
12) Phenanthrene	17.08	178	1338194	13.240	ng/ul	95
15) Fluoranthene	19.09	202	537722	4.251	ng/ul	96
17) Pyrene	19.46	202	344635	3.238	ng/ul	96
18) Benzo(a)anthracene	21.20	228	49514	0.480	ng/ul	99
19) Chrysene	21.26	228	31558	0.278	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	22589m	0.234	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	8013m	0.079	ng/ul	
23) Benzo(a)pyrene	23.31	252	11399	0.140	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.58	276	3396	0.034	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	2605	0.030	ng/ul	92

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

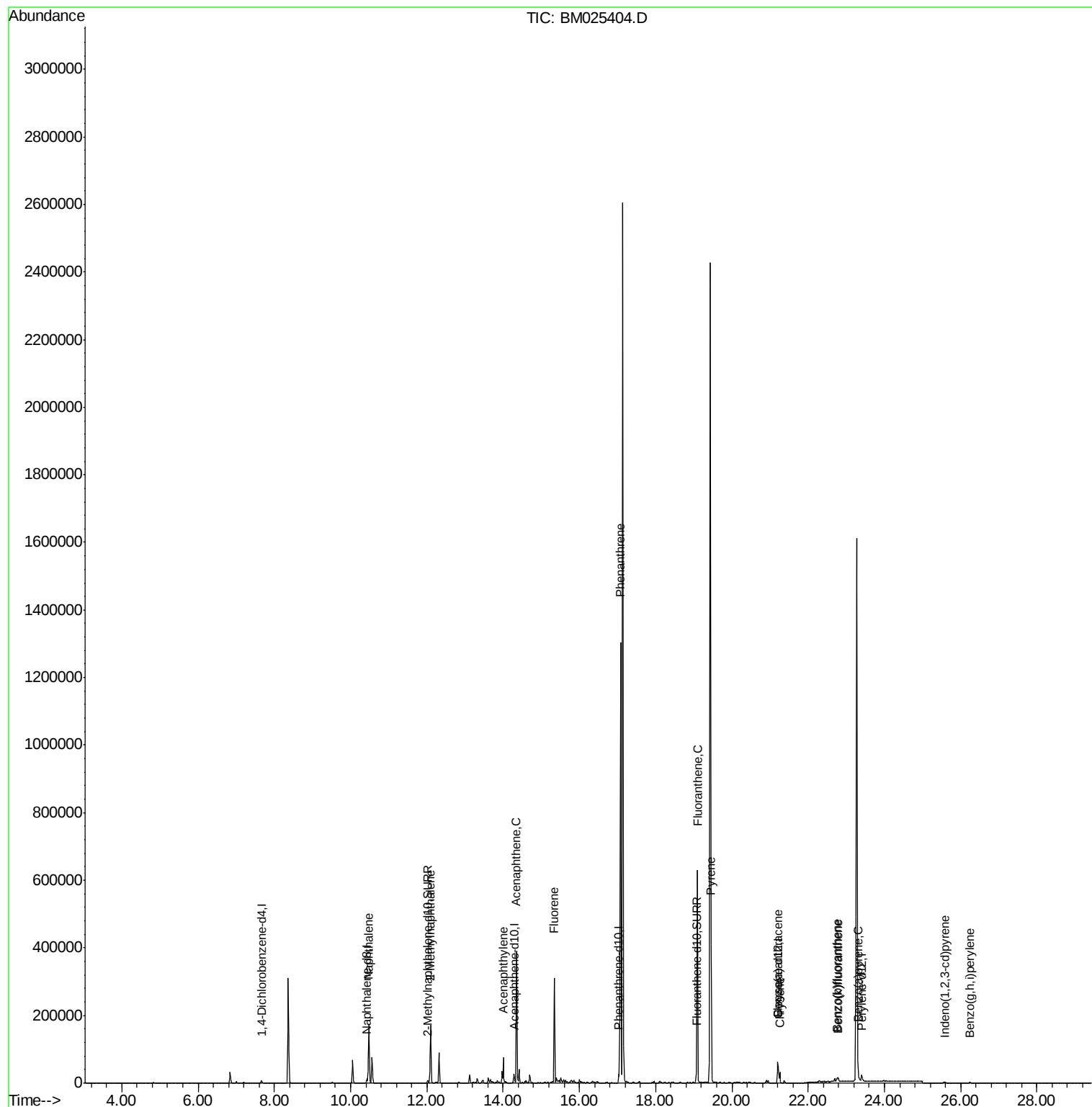
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025404.D
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ALS Vial : 90 Sample Multiplier: 1

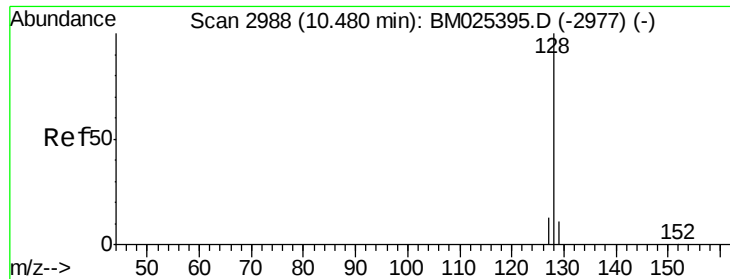
Instrument :
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ClientSampleId :
DBDT5

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Quant Time: Mar 09 03:58:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





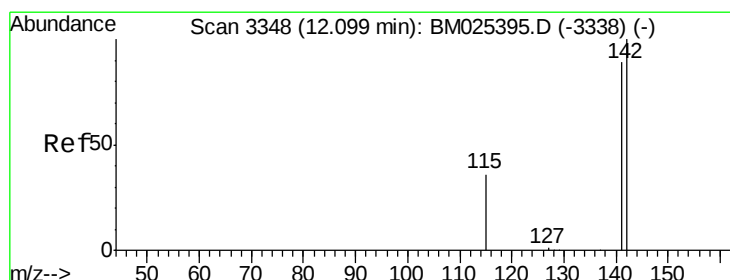
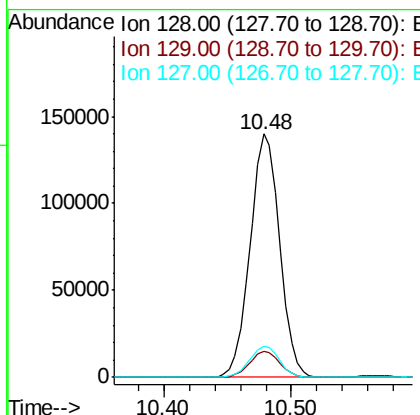
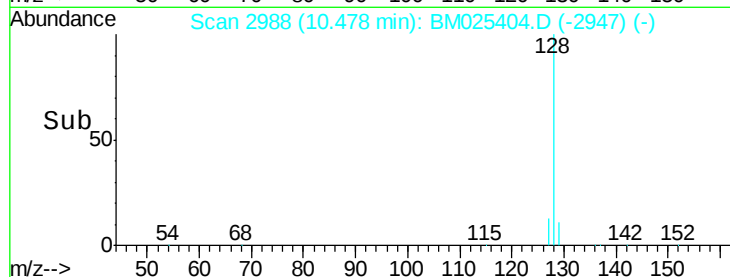
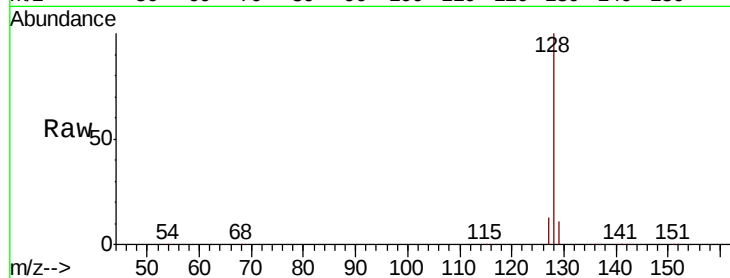
#3
Naphthalene
Concen: 4.251 ng/ul
RT: 10.48 min Scan# 2988
Delta R.T. -0.02 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Instrument :
BNA_M
ClientSampleId :
DBDT5

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	17.0	25.6#
127	12.9	15.7	23.5#

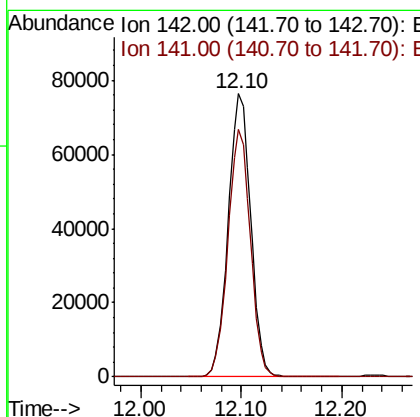
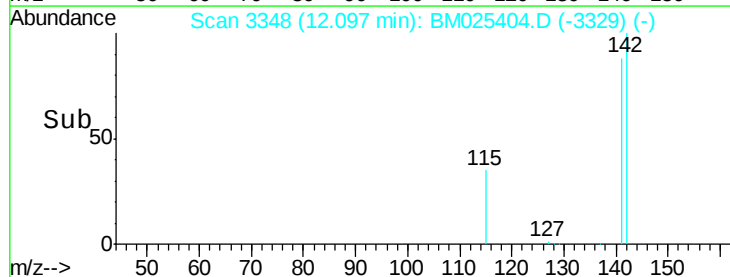
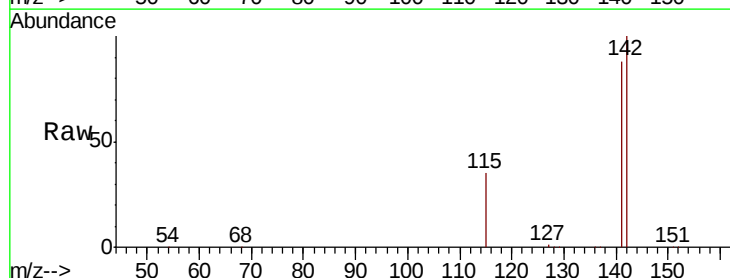
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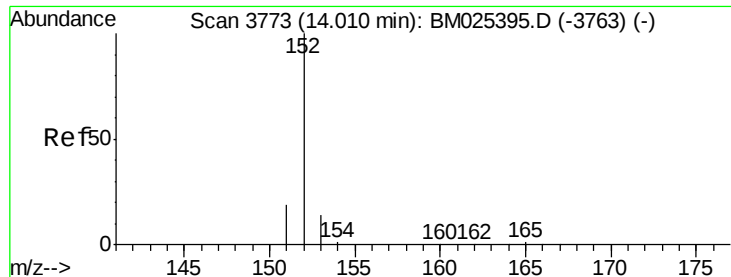
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#5
2-Methylnaphthalene
Concen: 3.084 ng/ul
RT: 12.10 min Scan# 3348
Delta R.T. -0.02 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.8





#7

Acenaphthylene

Concen: 0.165 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025404.D

Acq: 09 Mar 2020 02:55

Instrument :

BNA_M

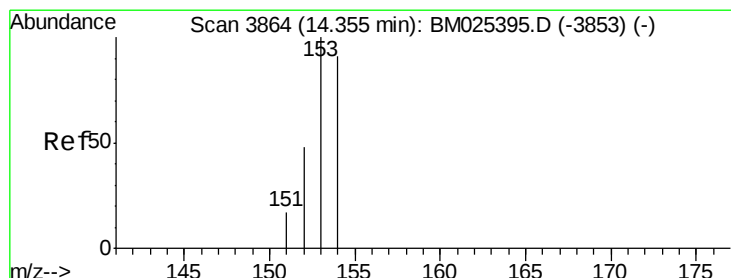
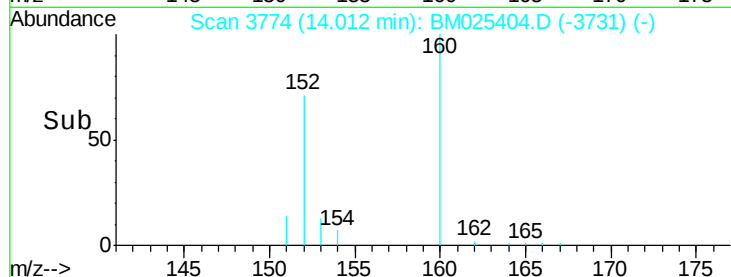
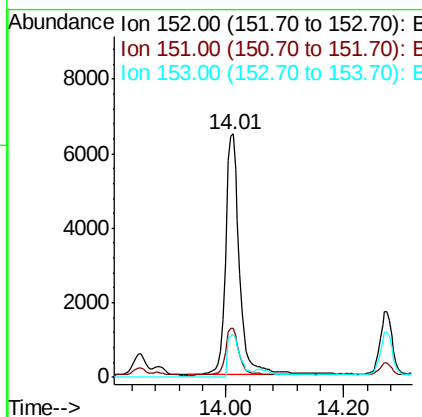
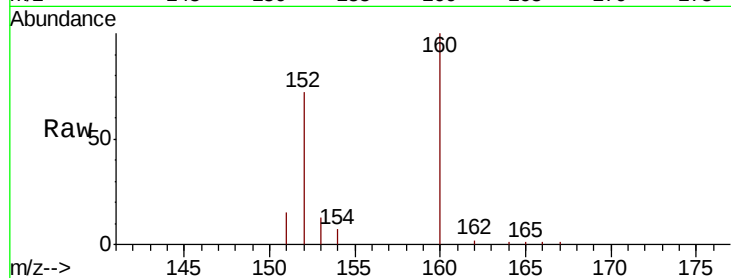
ClientSampleId :

DBDT5

Tot Ion:	152	Resp:	10499
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.8	26.8
153	17.3	13.3	19.9

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#8

Acenaphthene

Concen: 4.416 ng/ul

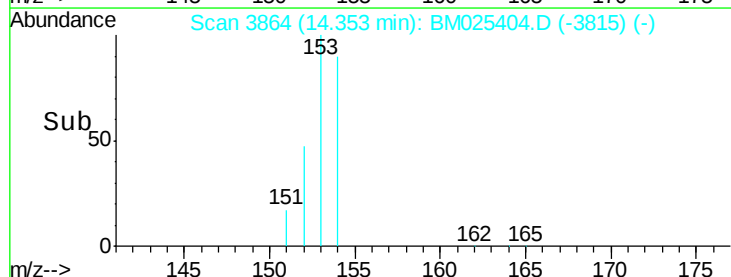
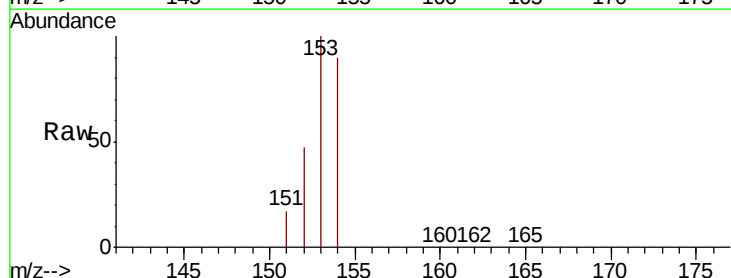
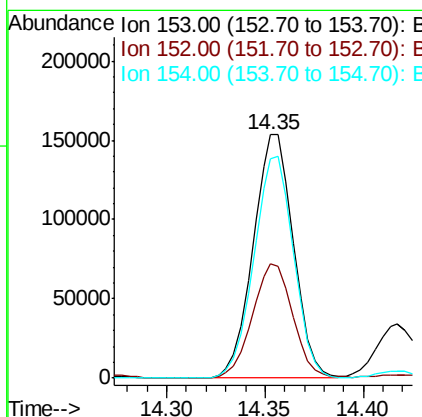
RT: 14.35 min Scan# 3864

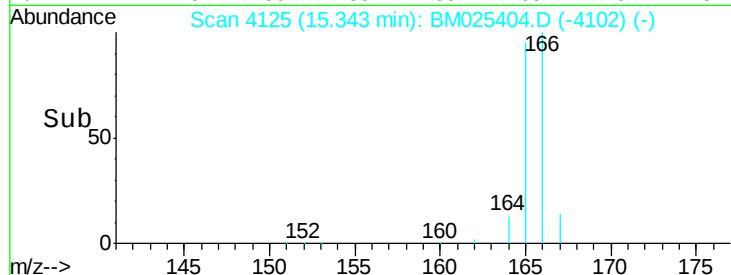
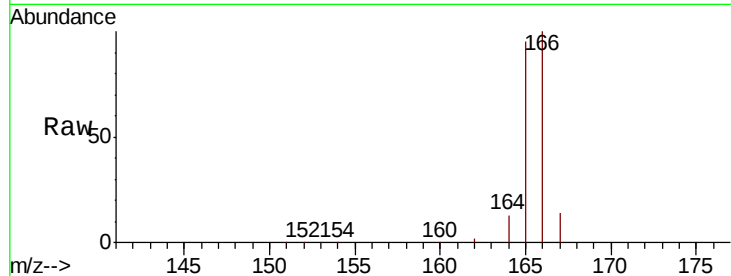
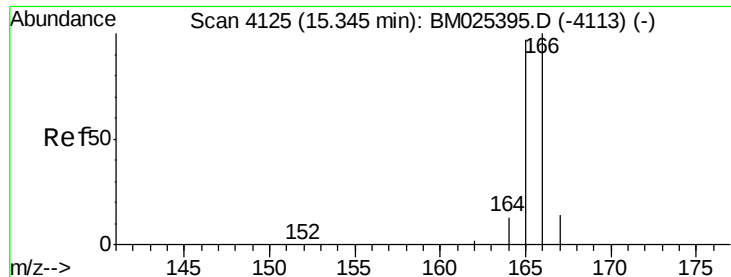
Delta R.T. -0.01 min

Lab File: BM025404.D

Acq: 09 Mar 2020 02:55

Tgt Ion:	153	Resp:	218073
Ion Ratio	Lower	Upper	
153	100		
152	47.1	40.0	60.0
154	89.8	71.0	106.6





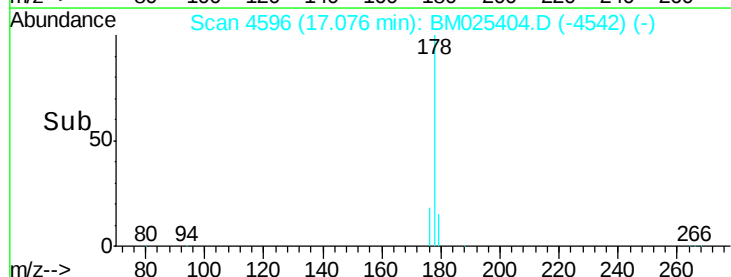
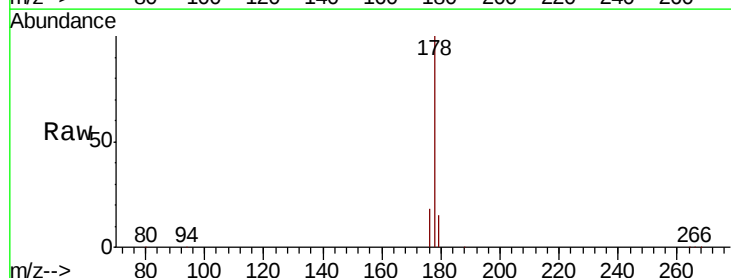
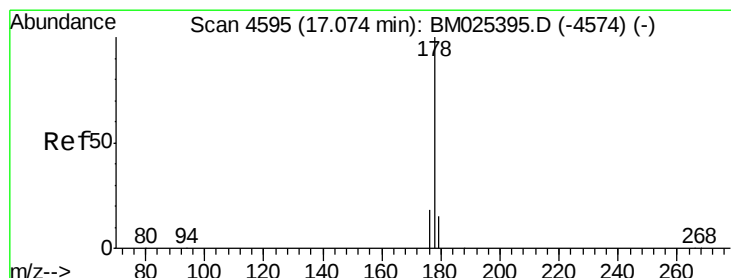
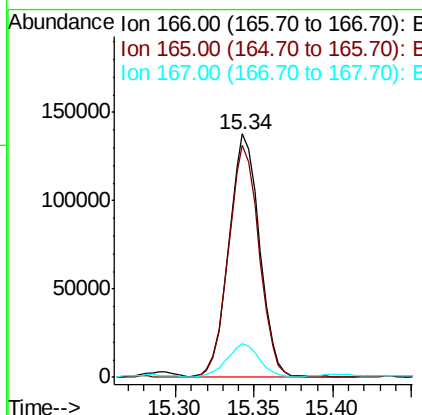
#9
Fluorene
 Concen: 2.989 ng/ul
 RT: 15.34 min Scan# 4125
 Delta R.T. -0.01 min
 Lab File: BM025404.D
 Acq: 09 Mar 2020 02:55

Tot Ion:	166	Resp:	185061
Ion Ratio	Lower	Upper	
166	100		
165	95.4	80.0	120.0
167	13.9	13.7	20.5

Instrument :
 BNA_M
 ClientSampleId :
 DBDT5

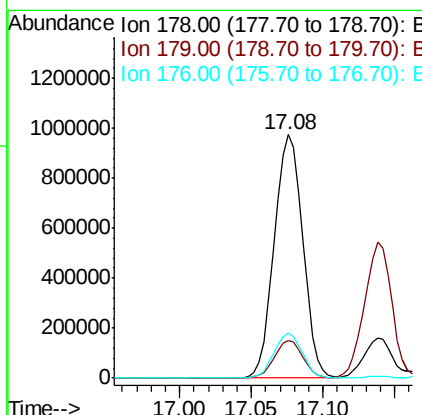
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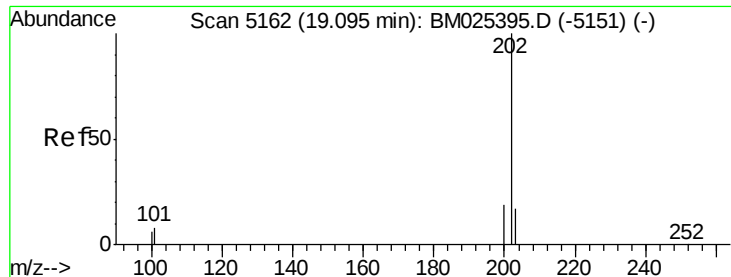
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#12
Phenanthrene
 Concen: 13.240 ng/ul
 RT: 17.08 min Scan# 4596
 Delta R.T. -0.01 min
 Lab File: BM025404.D
 Acq: 09 Mar 2020 02:55

Tgt Ion:	178	Resp:	1338194
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.0	21.0
176	18.3	16.6	24.8





#15

Fluoranthene

Concen: 4.251 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.01 min

Lab File: BM025404.D

Acq: 09 Mar 2020 02:55

Instrument :

BNA_M

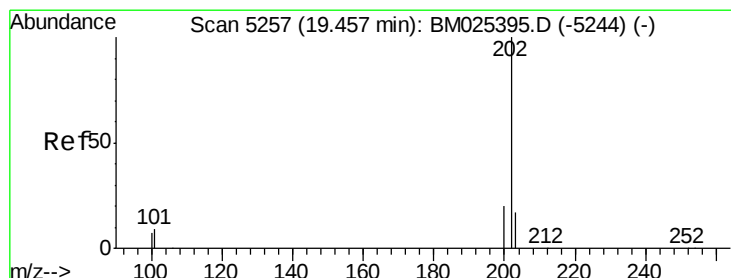
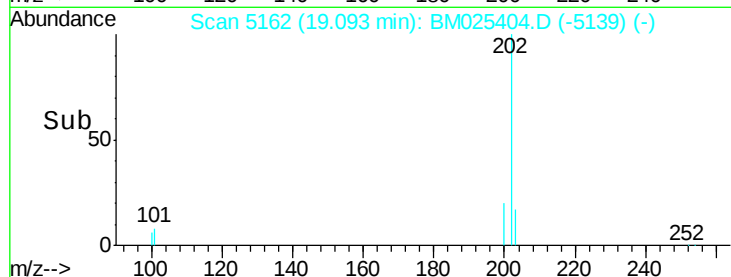
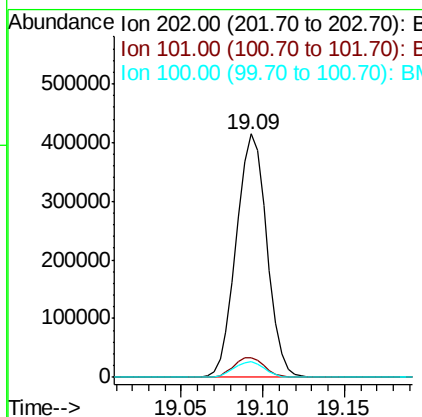
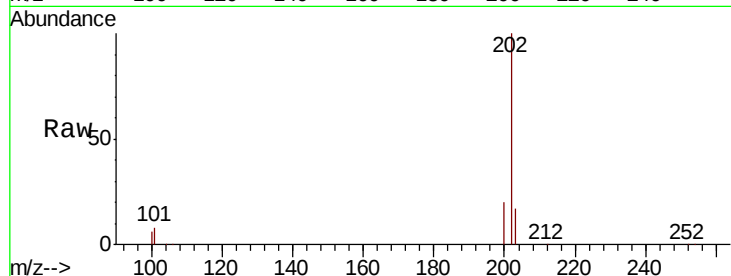
ClientSampled :

DBDT5

Tot Ion:	202	Resp:	537722
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	29.4
100	6.3	0.0	28.0

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#17

Pyrene

Concen: 3.238 ng/ul

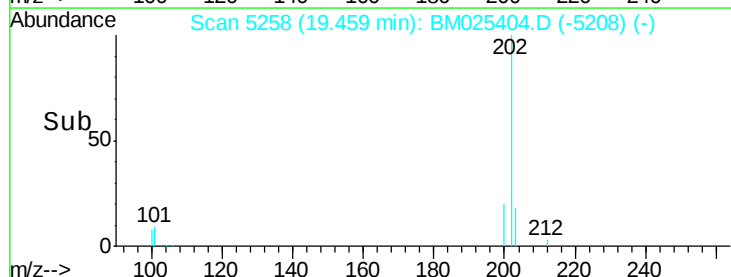
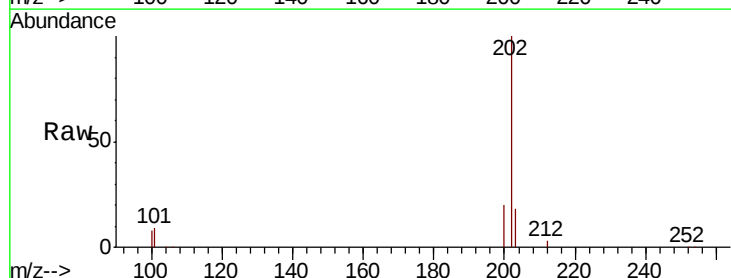
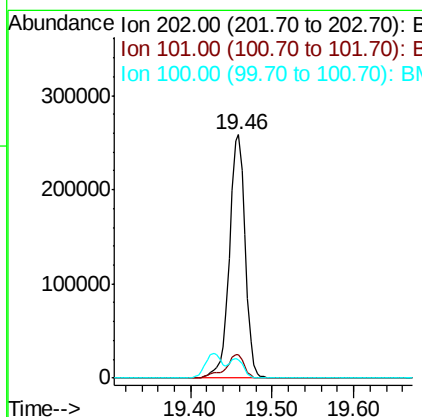
RT: 19.46 min Scan# 5258

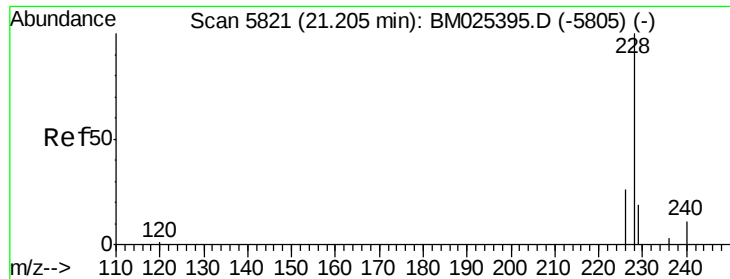
Delta R.T. -0.01 min

Lab File: BM025404.D

Acq: 09 Mar 2020 02:55

Tgt Ion:	202	Resp:	344635
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.7	13.1
100	7.6	7.3	10.9





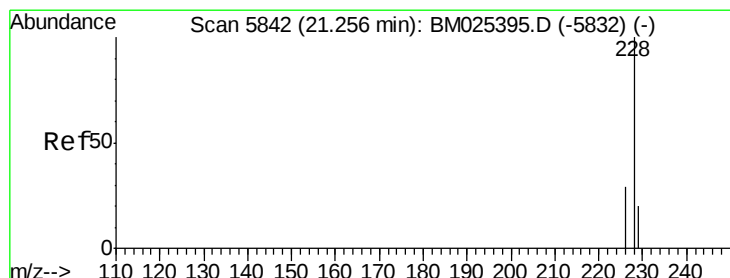
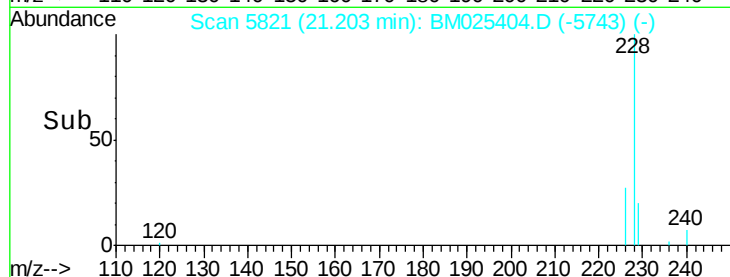
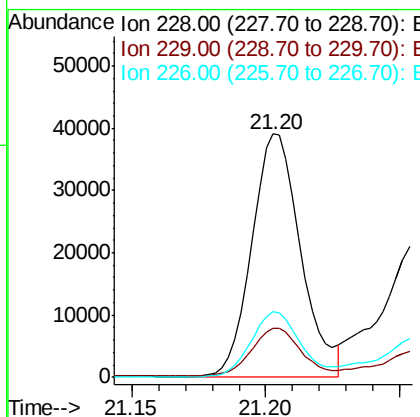
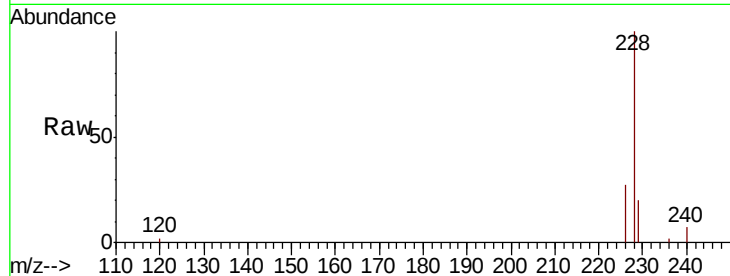
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Benzo(a)anthracene
Concen: 0.480 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Instrument :
BNA_M
ClientSampled :
DBDT5

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.6	25.0
226	26.9	21.9	32.9

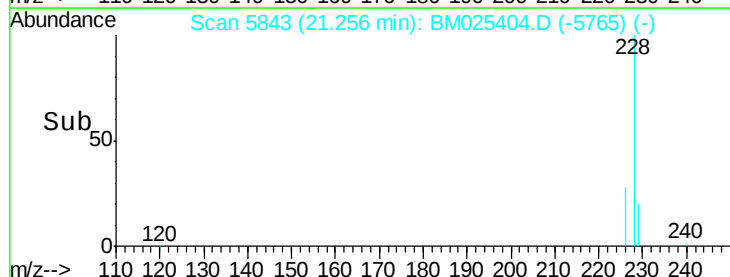
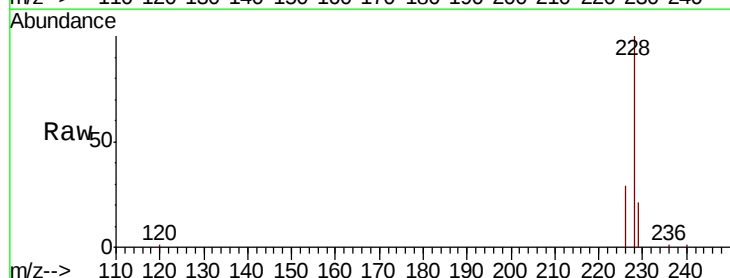
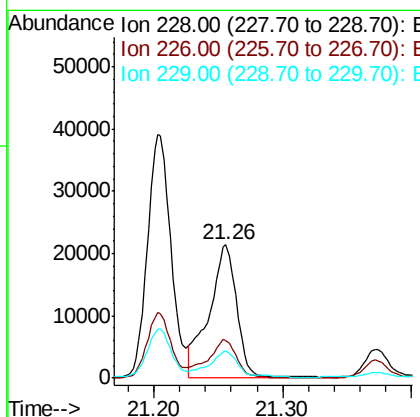
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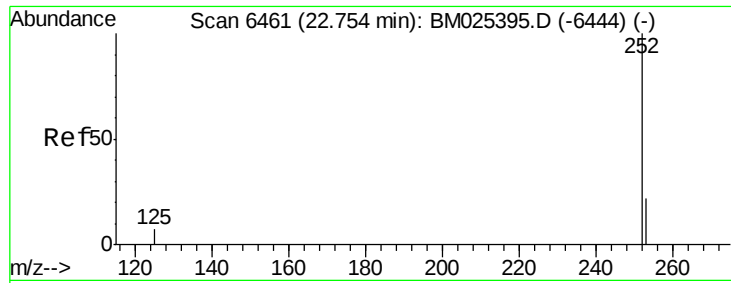
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#19
Chrysene
Concen: 0.278 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.8	35.8
229	20.9	16.9	25.3





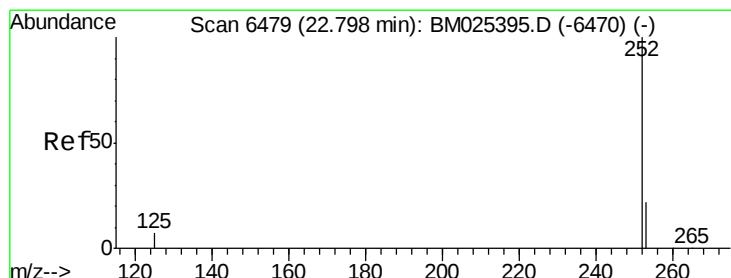
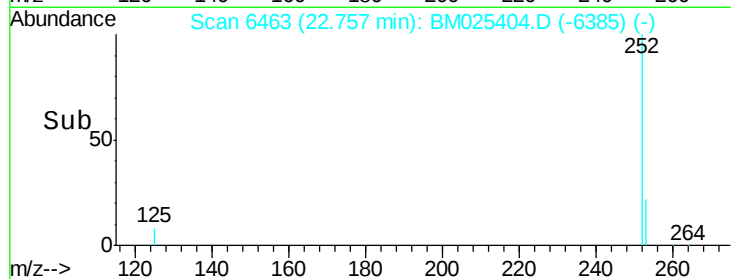
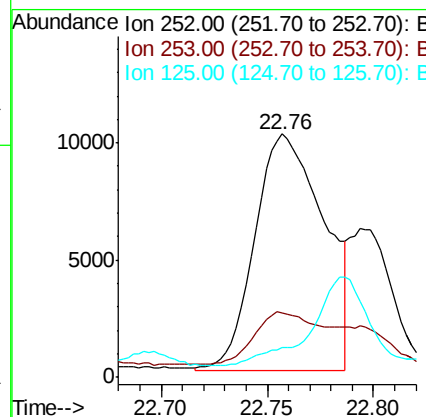
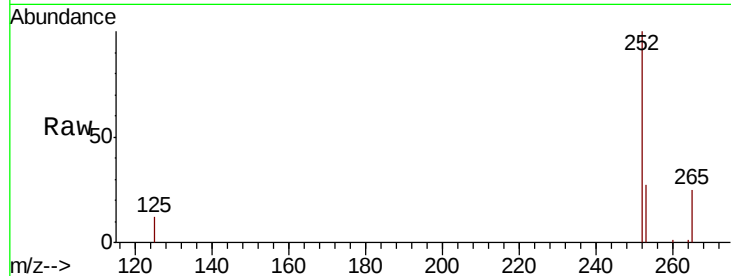
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Benzo(b)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. -0.01 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Instrument :
BNA_M
ClientSampleId :
DBDT5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.7	0.0	49.8
125	12.1	0.0	28.6

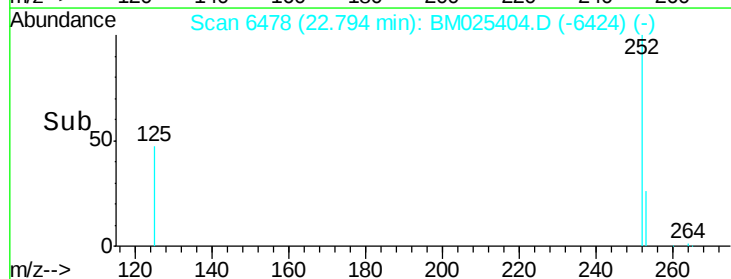
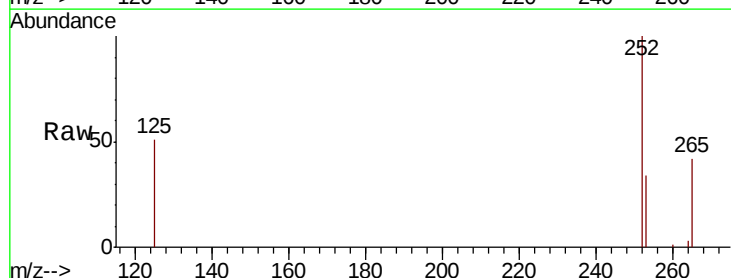
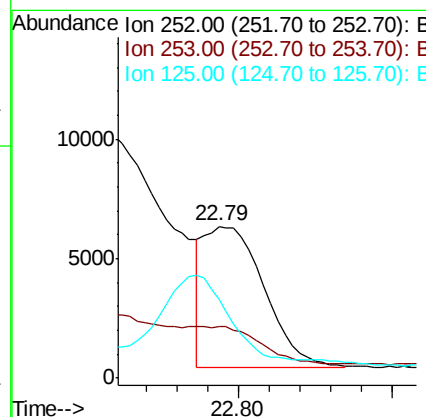
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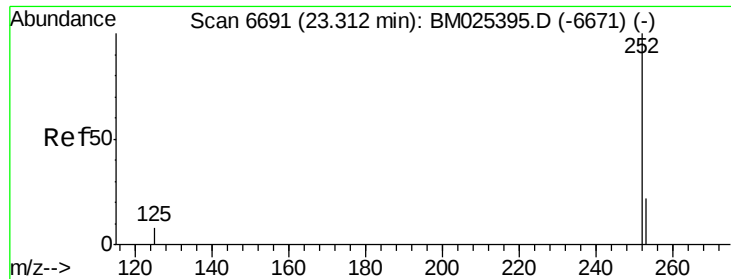
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#22
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.02 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	34.4	19.4	29.0#
125	51.4	10.7	16.1#





#23

Benzo(a)pyrene

Concen: 0.140 ng/ul

RT: 23.31 min Scan# 6693

Delta R.T. -0.01 min

Lab File: BM025404.D

Acq: 09 Mar 2020 02:55

Instrument :

BNA_M

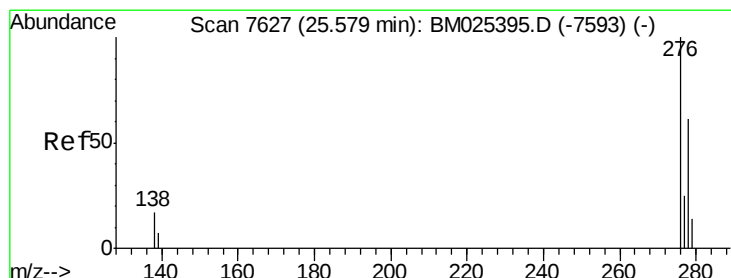
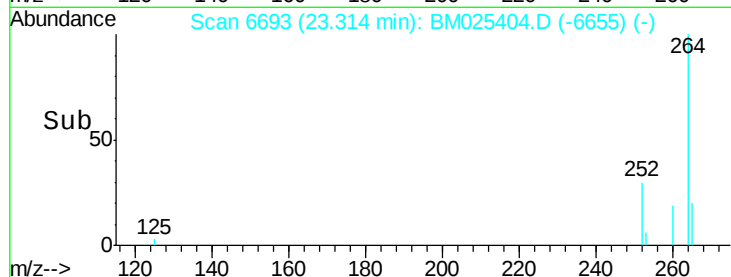
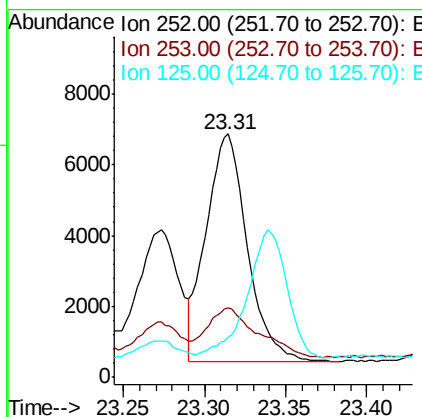
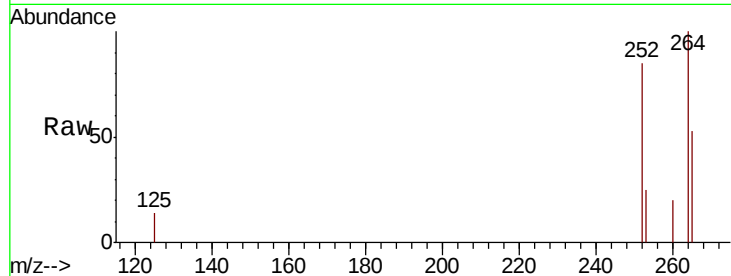
ClientSampleId :

DBDT5

Tot Ion:	252	Resp:	11399
Ion Ratio	Lower	Upper	
252	100		
253	28.8	20.3	30.5
125	16.5	13.0	19.4

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.034 ng/ul

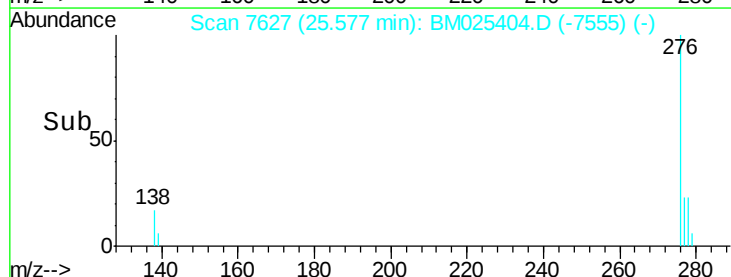
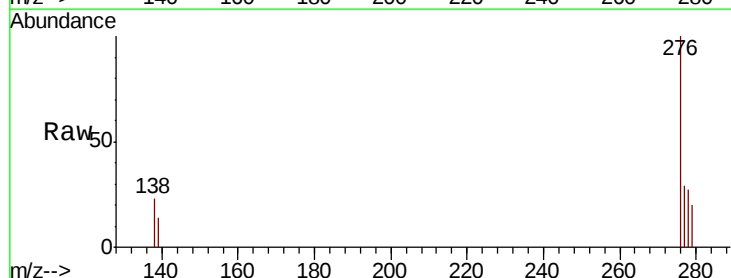
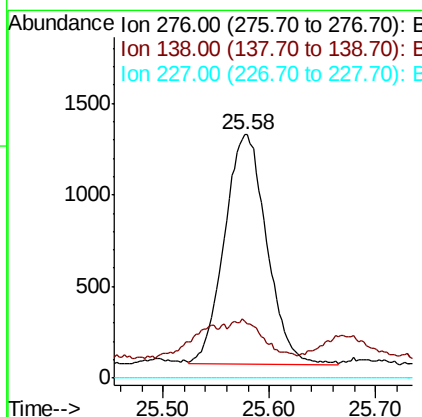
RT: 25.58 min Scan# 7627

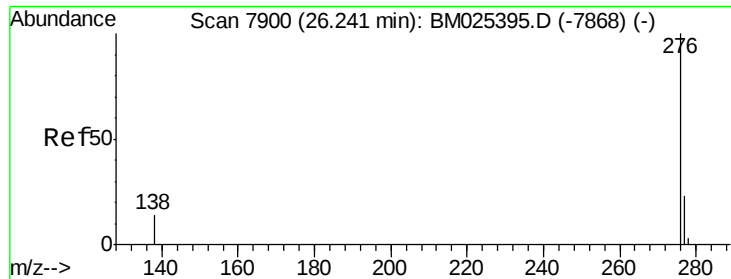
Delta R.T. -0.03 min

Lab File: BM025404.D

Acq: 09 Mar 2020 02:55

Tgt Ion:	276	Resp:	3396
Ion Ratio	Lower	Upper	
276	100		
138	25.4	0.0	0.0#
227	0.0	0.0	0.0





#26
Benzo(a,h,i)perylene
Concen: 0.030 ng/ul
RT: 26.24 min Scan# 7901
Delta R.T. -0.02 min
Lab File: BM025404.D
Acq: 09 Mar 2020 02:55

Instrument :
BNA_M
ClientSampleId :
DBDT5

Tot Ion:	276	Resp:	2605
Ion Ratio	Lower	Upper	
276	100		
138	24.8	17.9	26.9
277	30.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/9/2020 3:04:15 PM

