

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025492.D
 Acq On : 11 Mar 2020 15:40
 Operator : CG/JU
 Sample : L1677-14
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CD2

Manual Integrations
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Quant Time: Mar 11 16:29:06 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 : Wed Mar 11 07:15:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4374	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19480	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	14228	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	29869m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	20720	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	20712	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9151	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20623	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	1597	0.028	ng/ul#	90
7) Acenaphthylene	14.00	152	1846	0.032	ng/ul#	91
12) Phenanthrene	17.07	178	4828	0.051	ng/ul	95
13) Anthracene	17.16	178	3159	0.038	ng/ul#	93
15) Fluoranthene	19.09	202	18212	0.177	ng/ul	96
17) Pyrene	19.45	202	21984	0.236	ng/ul#	95
18) Benzo(a)anthracene	21.20	228	13218	0.178	ng/ul	97
19) Chrysene	21.25	228	18188	0.219	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	23233m	0.283	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	9886m	0.115	ng/ul	
23) Benzo(a)pyrene	23.31	252	15315	0.225	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	10075	0.109	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.58	278	2929	0.038	ng/ul#	65
26) Benzo(g,h,i)perylene	26.24	276	9103	0.114	ng/ul#	95

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

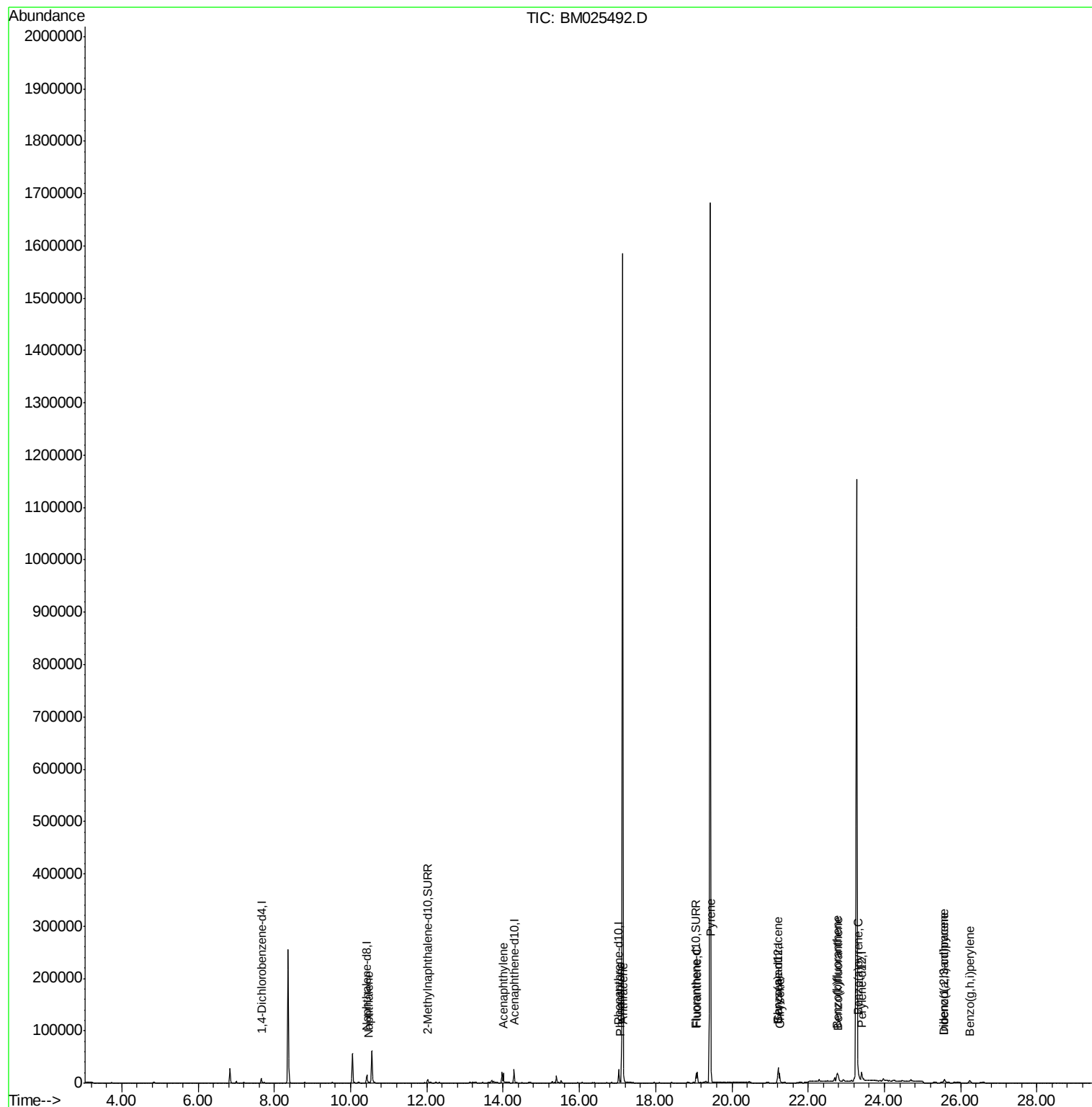
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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ALS Vial : 85 Sample Multiplier: 1

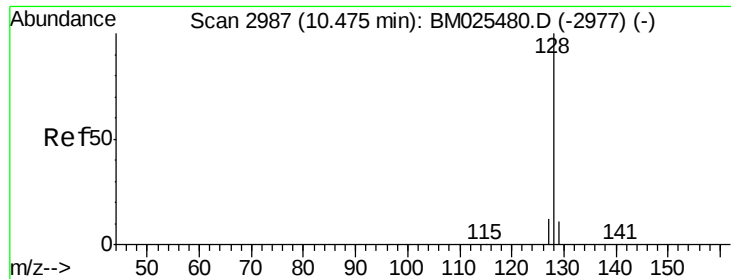
Instrument :
BNA_M
ClientSampleId :
C0CD2

Quant Time: Mar 11 16:29:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Instrument :

BNA_M

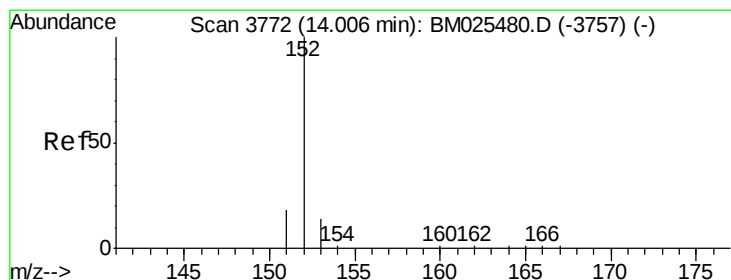
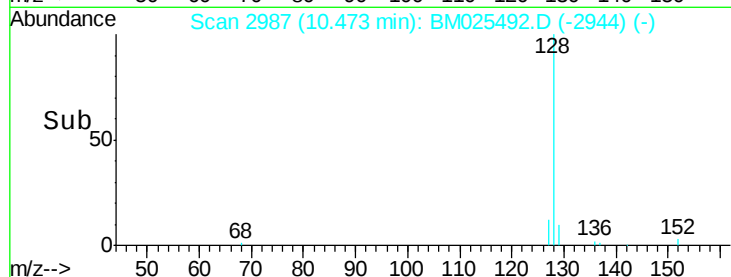
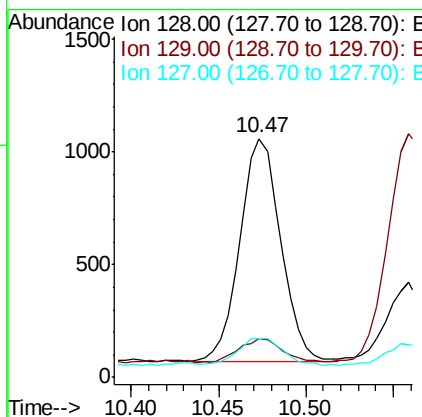
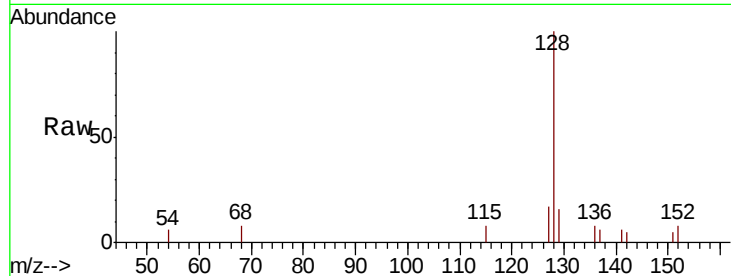
ClientSampled :

C0CD2

Tot Ion:	128	Resp:	1597
Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.4	14.0#
127	16.5	10.9	16.3#

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#7

Acenaphthylene

Concen: 0.032 ng/ul

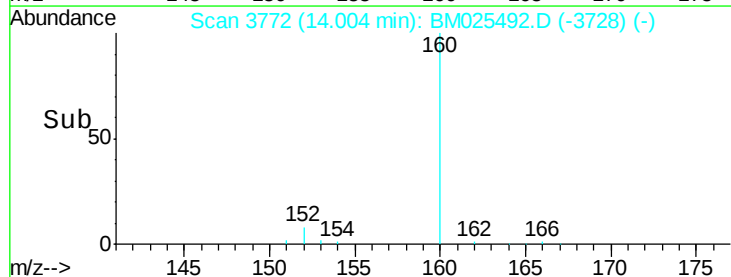
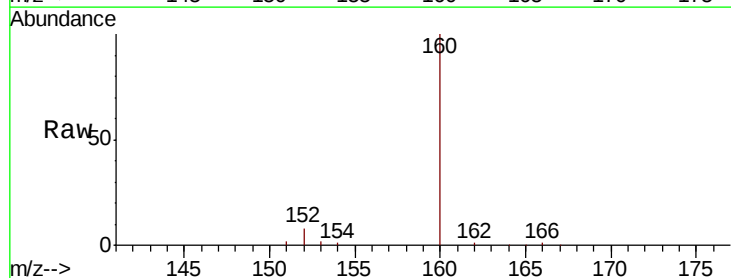
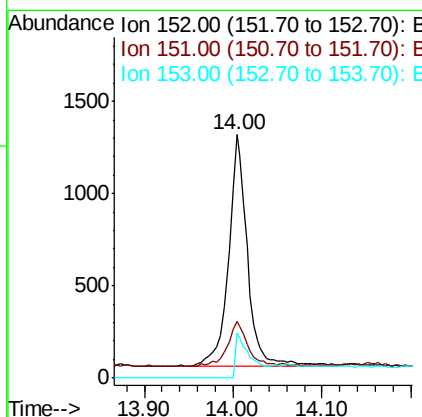
RT: 14.00 min Scan# 3772

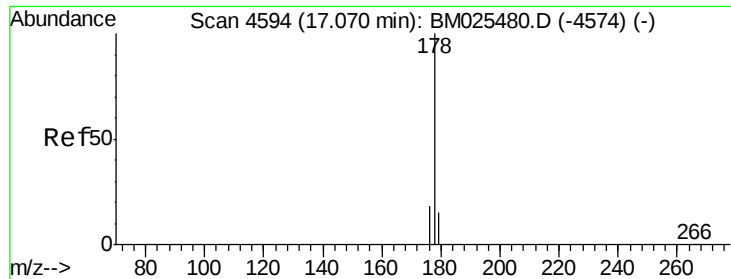
Delta R.T. -0.00 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Tgt Ion:	152	Resp:	1846
Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.2
153	18.6	10.6	16.0#





#12

Phenanthrene

Concen: 0.051 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Instrument :

BNA_M

ClientSampleId :

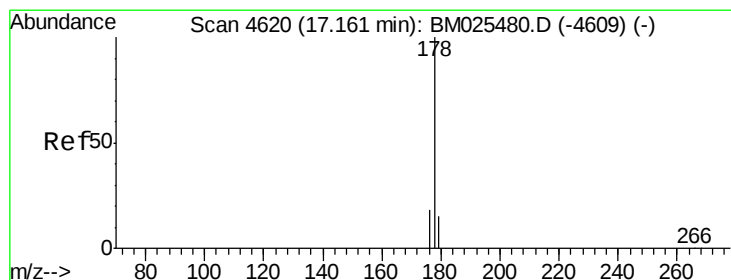
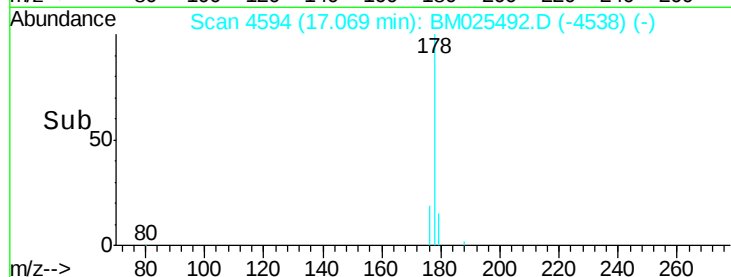
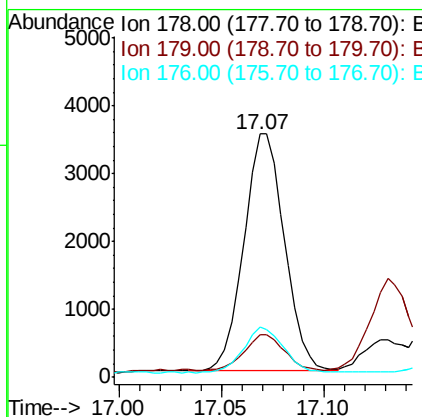
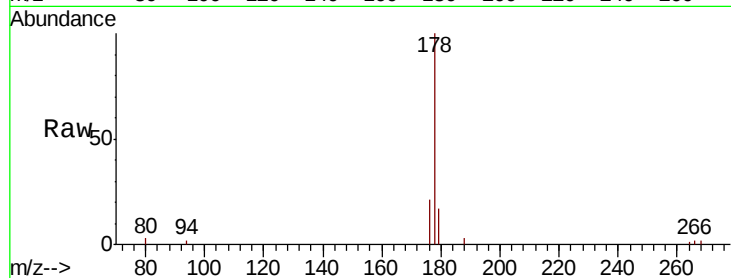
C0CD2

Tot Ion:178 Resp: 4828

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	20.6	14.8	22.2

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#13

Anthracene

Concen: 0.038 ng/ul

RT: 17.16 min Scan# 4621

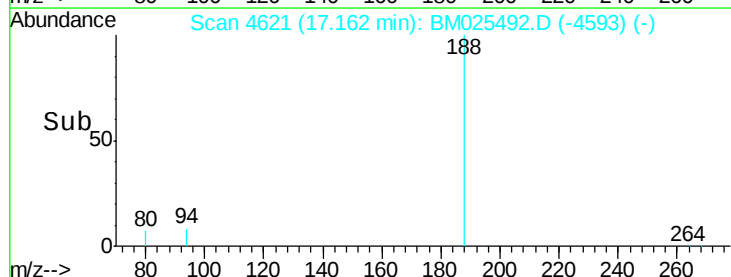
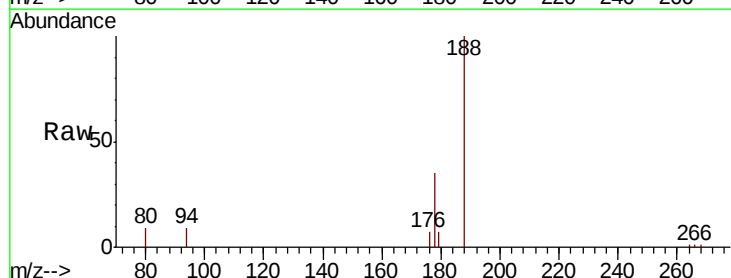
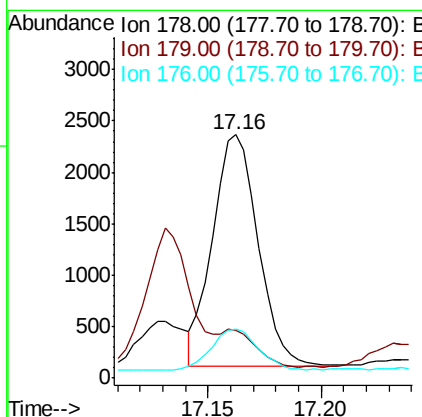
Delta R.T. -0.00 min

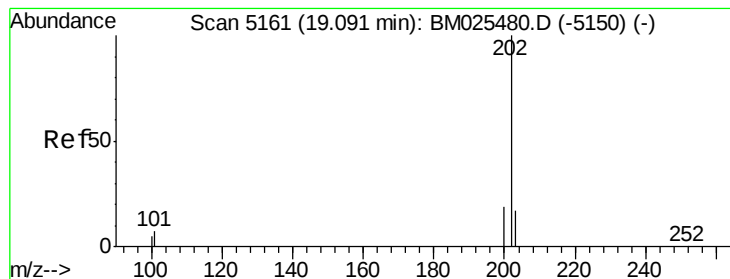
Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Tgt Ion:178 Resp: 3159

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.6	18.8#
176	20.2	14.5	21.7





#15

Fluoranthene

Concen: 0.177 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Instrument :

BNA_M

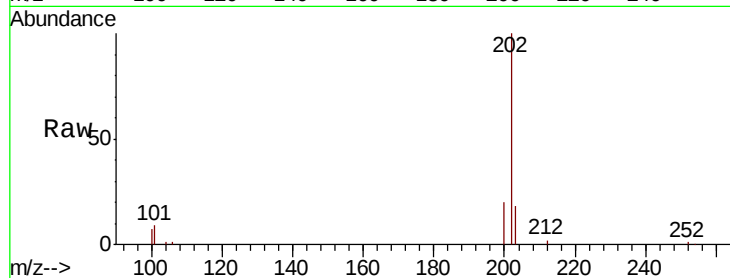
ClientSampleId :

C0CD2

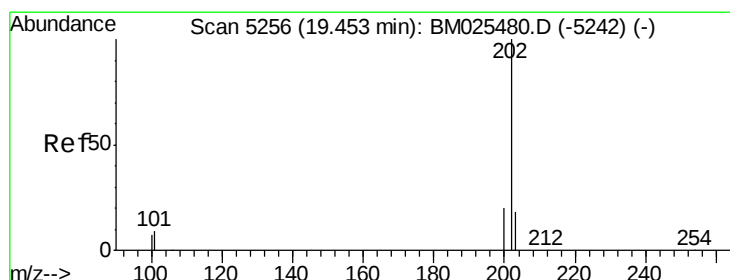
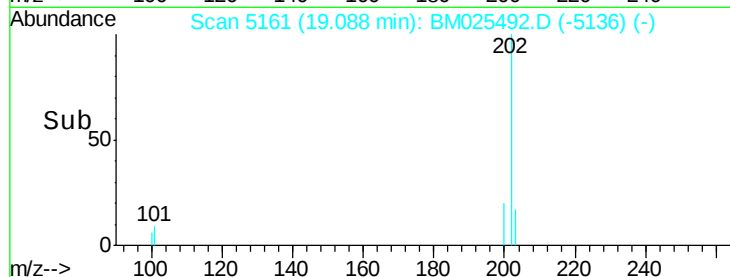
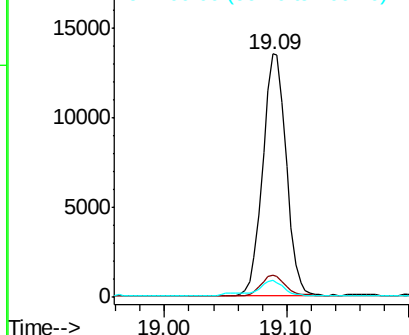
Tot Ion:	202	Resp:	18212
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	27.5
100	6.8	0.0	26.0

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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: 0.236 ng/ul

RT: 19.45 min Scan# 5256

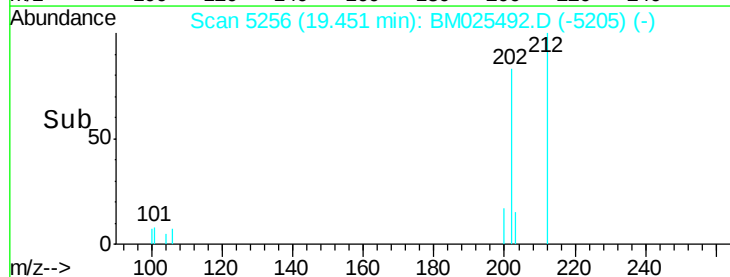
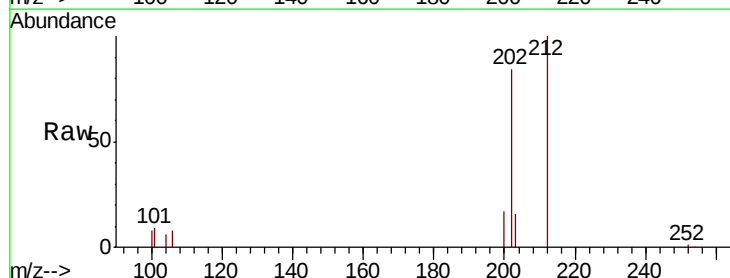
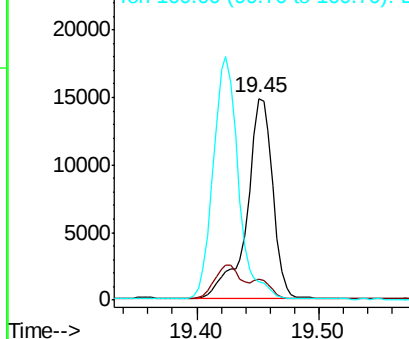
Delta R.T. -0.00 min

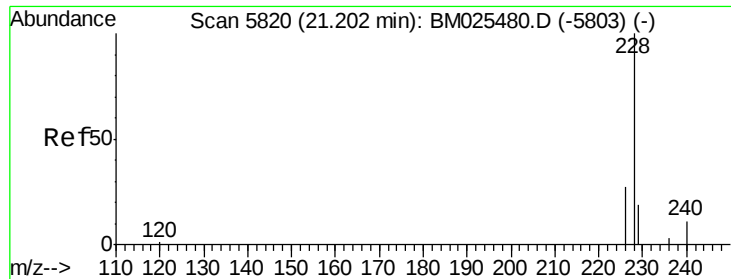
Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Tgt Ion:	202	Resp:	21984
Ion Ratio	Lower	Upper	
202	100		
101	10.6	7.1	10.7
100	9.3	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





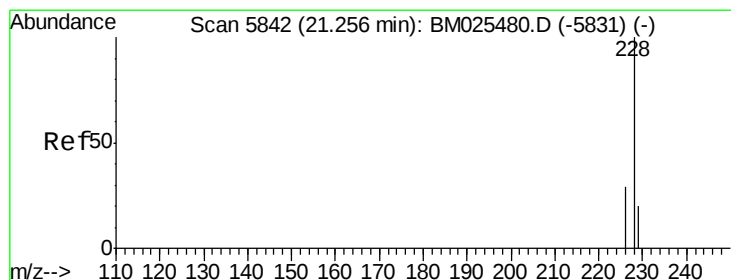
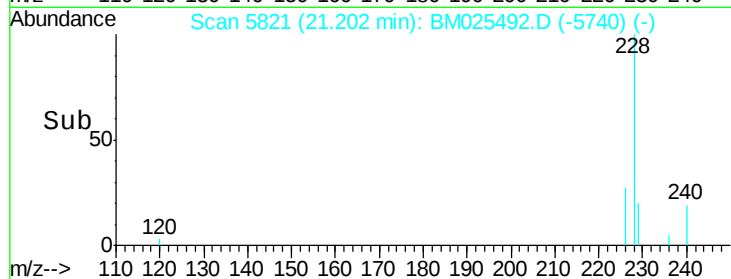
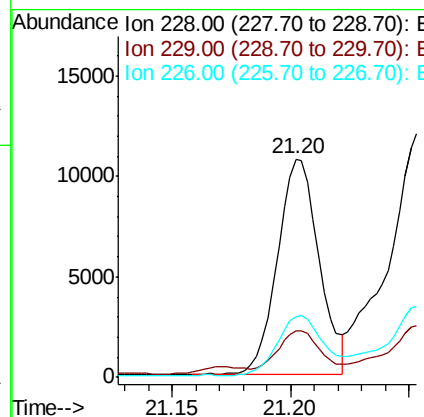
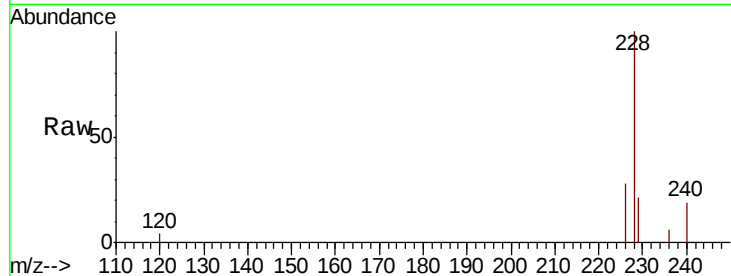
#18
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025492.D
Acq: 11 Mar 2020 15:40

Instrument :
BNA_M
ClientSampleId :
C0CD2

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.0	21.1	31.7

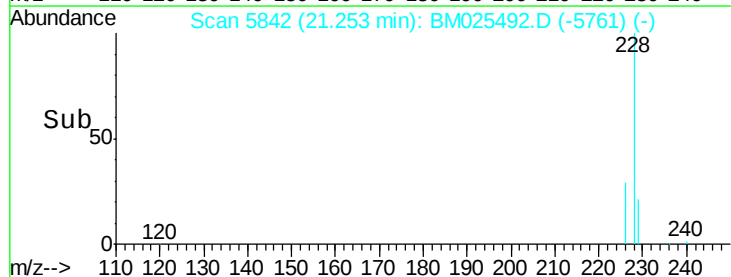
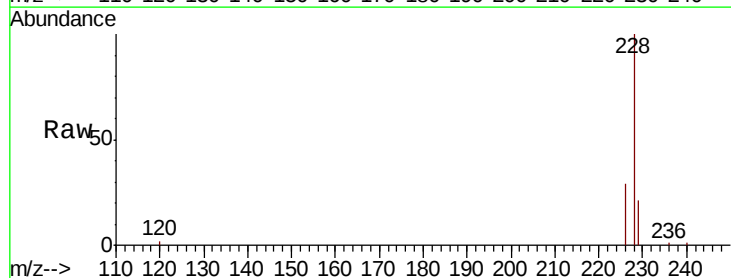
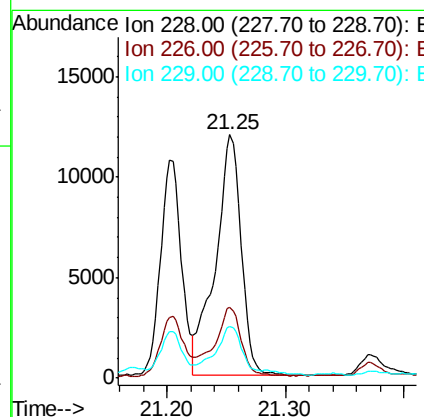
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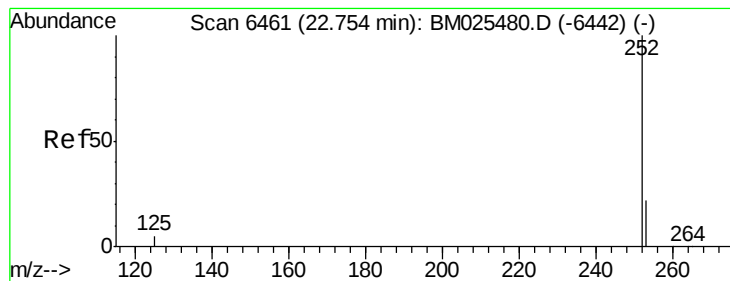
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#19
Chrysene
Concen: 0.219 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025492.D
Acq: 11 Mar 2020 15:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	21.4	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.283 ng/ul m

RT: 22.76 min Scan# 6463

Delta R.T. 0.00 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Instrument :

BNA_M

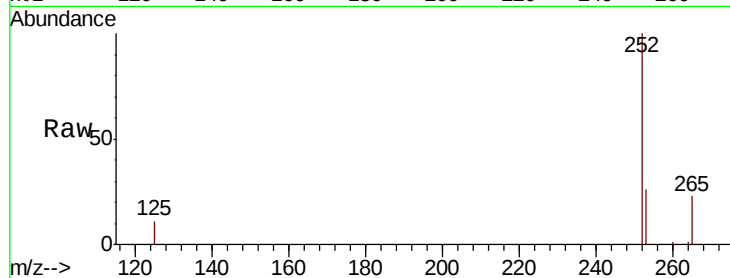
ClientSampleId :

C0CD2

Tot Ion:	252	Resp:	23233
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	50.2
125	10.9	0.0	17.6

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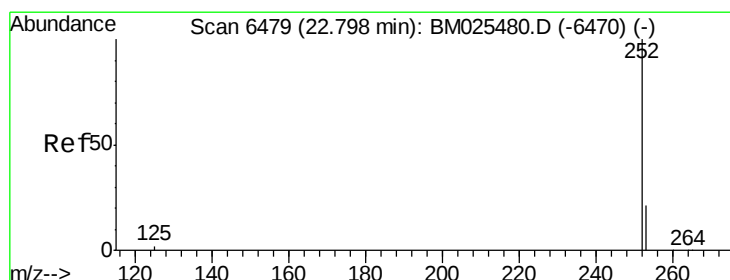
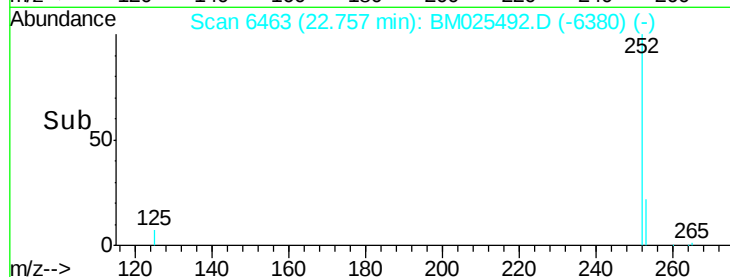
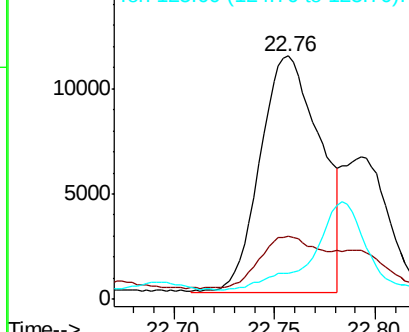


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.115 ng/ul m

RT: 22.79 min Scan# 6478

Delta R.T. -0.01 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

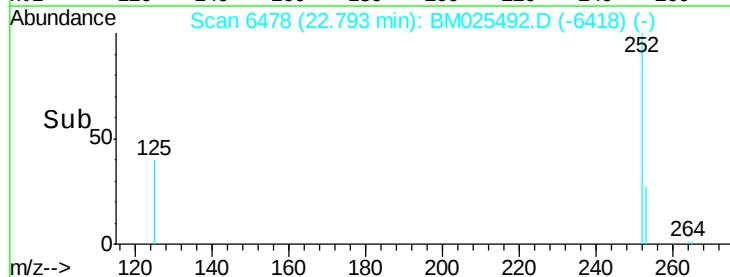
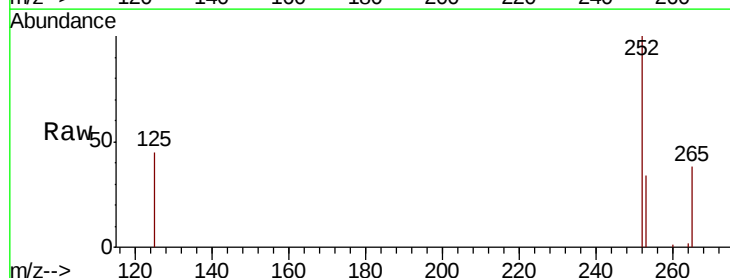
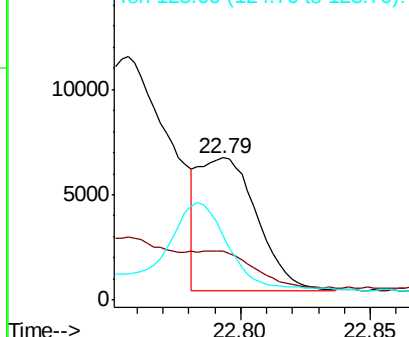
Tgt Ion:	252	Resp:	9886
Ion Ratio	Lower	Upper	
252	100		
253	34.0	19.8	29.8#
125	44.9	7.1	10.7#

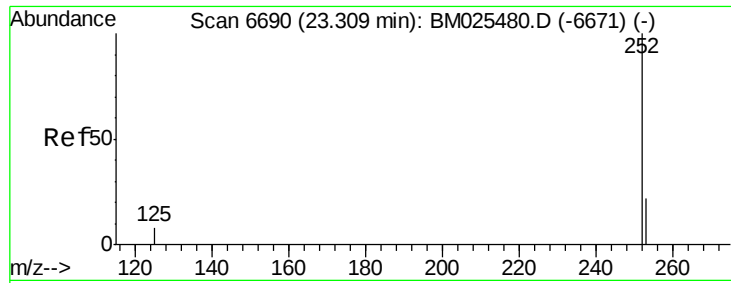
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.225 ng/u1

RT: 23.31 min Scan# 6691

Delta R.T. -0.00 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Instrument :

BNA_M

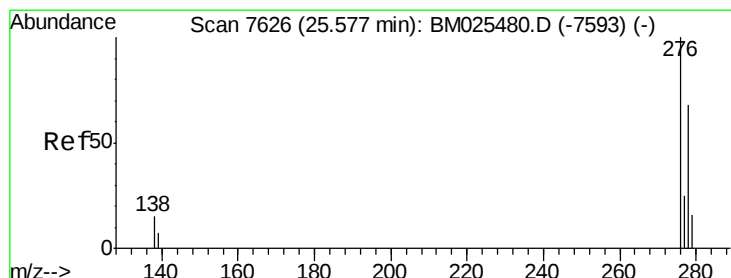
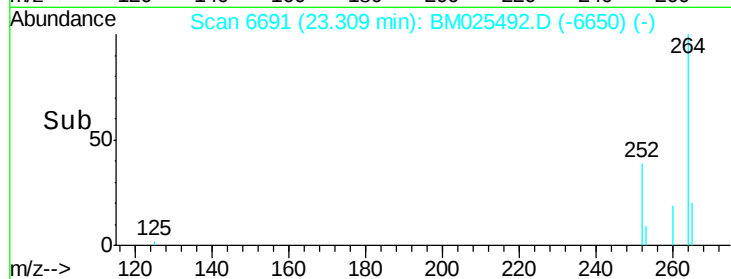
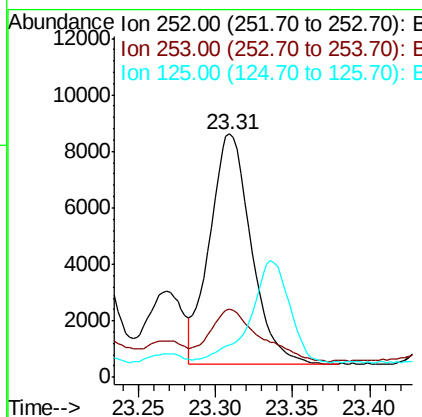
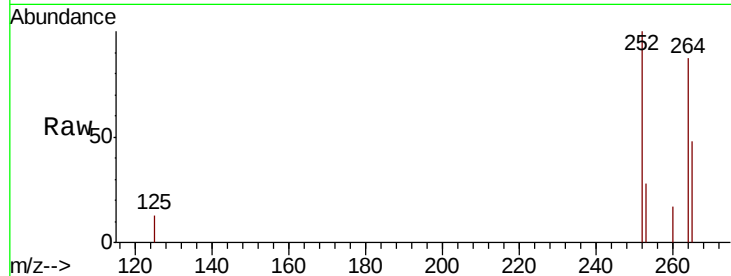
ClientSampleId :

C0CD2

Tot Ion:	252	Resp:	15315
Ion Ratio	Lower	Upper	
252	100		
253	28.1	21.3	31.9
125	13.3	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.109 ng/u1

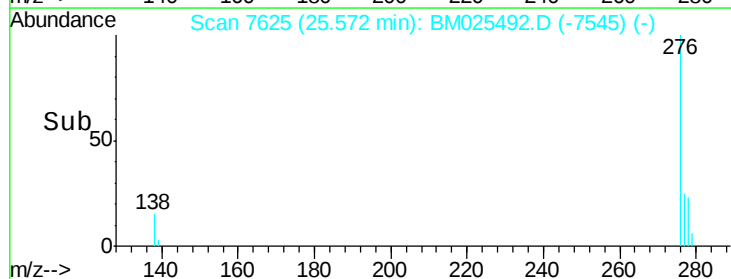
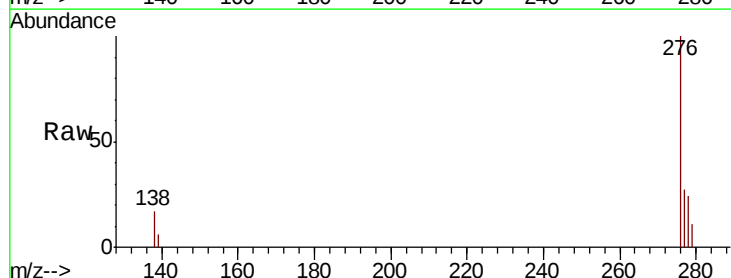
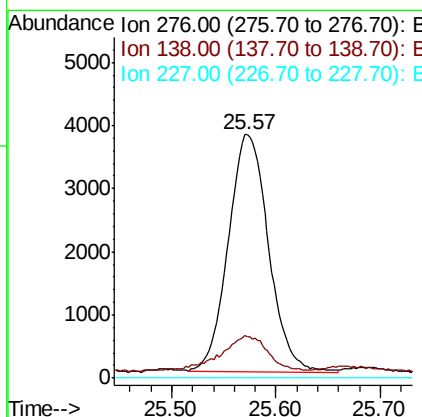
RT: 25.57 min Scan# 7625

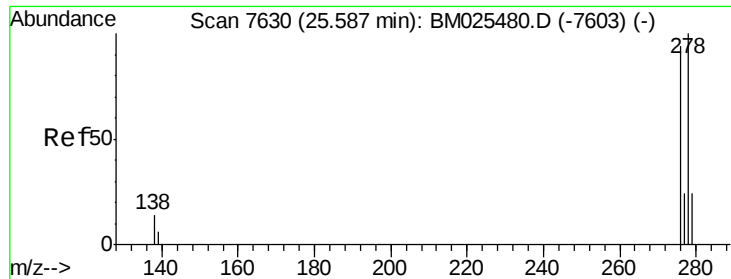
Delta R.T. -0.01 min

Lab File: BM025492.D

Acq: 11 Mar 2020 15:40

Tgt Ion:	276	Resp:	10075
Ion Ratio	Lower	Upper	
276	100		
138	17.3	12.3	18.5
227	0.0	0.0	0.0





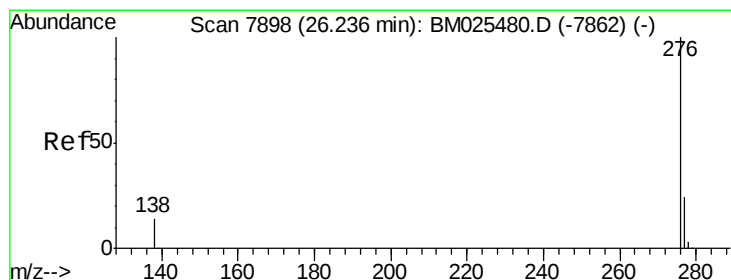
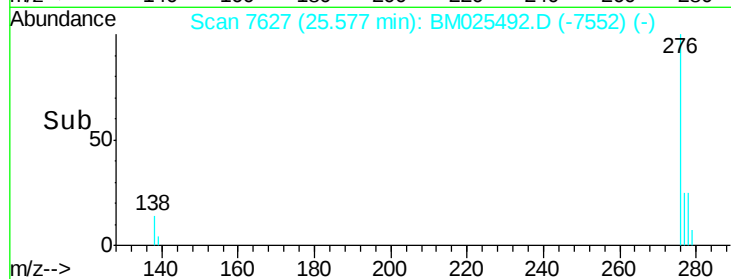
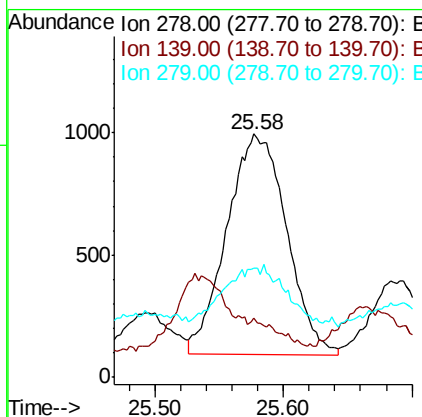
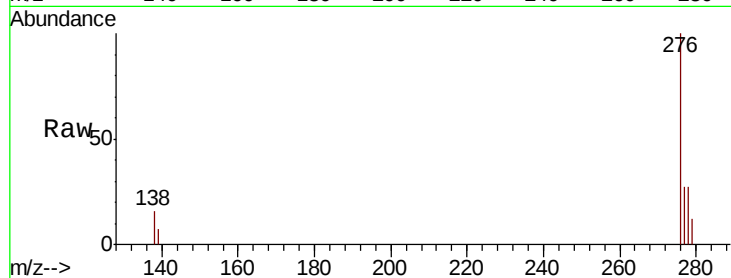
#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.02 min
Lab File: BM025492.D
Acq: 11 Mar 2020 15:40

Instrument :
BNA_M
ClientSampleId :
C0CD2

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.6	9.0	13.6#
279	44.6	21.1	31.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025492.D
Acq: 11 Mar 2020 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	11.0	16.4#
277	25.8	19.8	29.6

