

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025489.D
 Acq On : 11 Mar 2020 13:50
 Operator : CG/JU
 Sample : L1677-12
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC2

Manual Integrations
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mohammad
 3/13/2020 8:48:43 AM

Quant Time: Mar 11 14:45:05 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	3240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14606	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11081	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25642m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	22514	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9057	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	26105	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	1119	0.026	ng/ul#	81
5) 2-Methylnaphthalene	12.10	142	902	0.029	ng/ul	96
7) Acenaphthylene	14.00	152	3646	0.081	ng/ul	97
12) Phenanthrene	17.07	178	9954	0.122	ng/ul	99
13) Anthracene	17.16	178	3903	0.055	ng/ul#	94
15) Fluoranthene	19.09	202	65338	0.742	ng/ul	98
17) Pyrene	19.45	202	65511	0.648	ng/ul	99
18) Benzo(a)anthracene	21.20	228	49115	0.610	ng/ul	98
19) Chrysene	21.25	228	38780	0.429	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	53067m	0.671	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	20402m	0.246	ng/ul	
23) Benzo(a)pyrene	23.31	252	31042	0.472	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	17400	0.195	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	4430	0.059	ng/ul#	81
26) Benzo(g,h,i)perylene	26.23	276	14503	0.188	ng/ul#	96

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

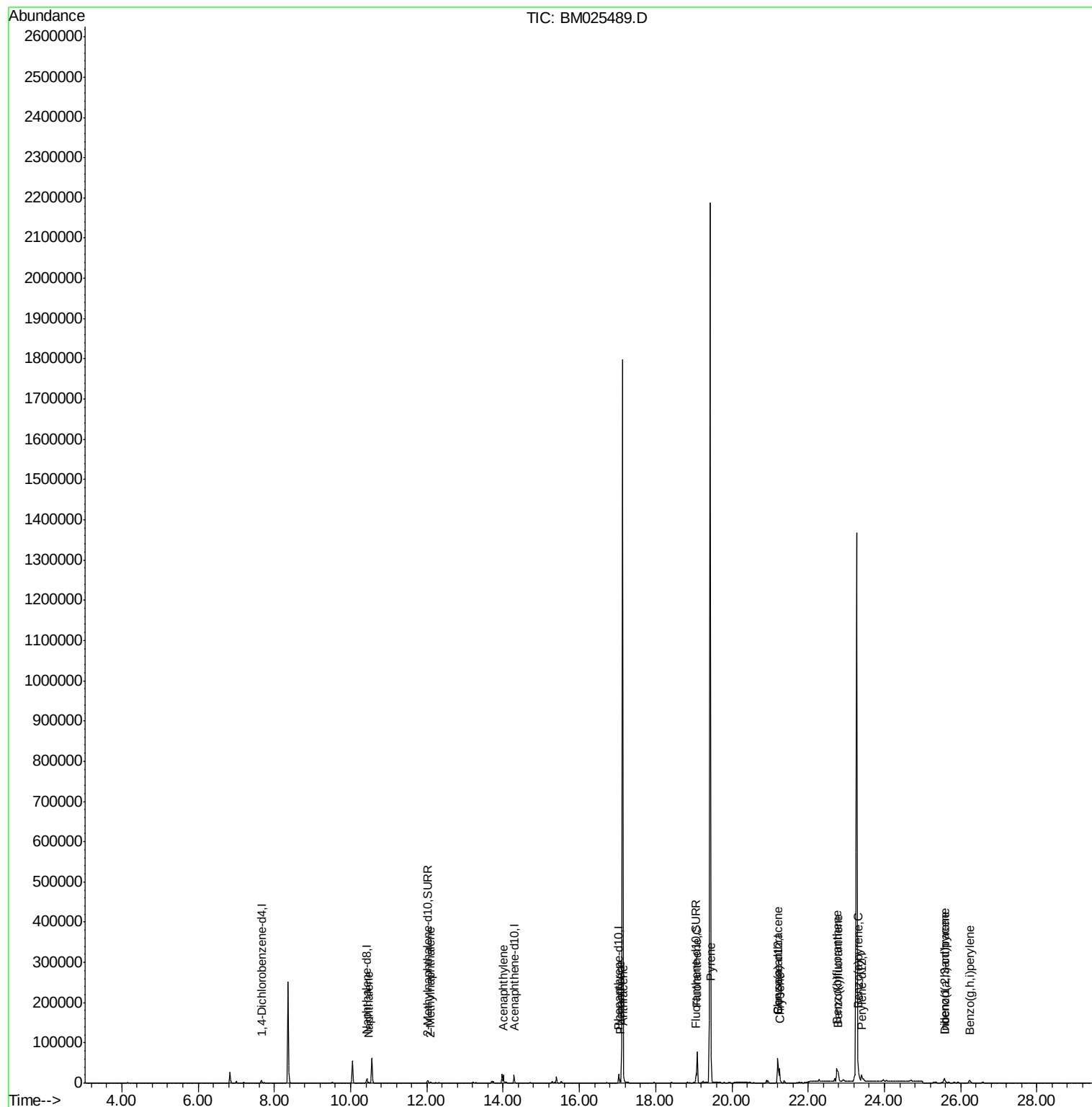
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
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Misc :
ALS Vial : 82 Sample Multiplier: 1

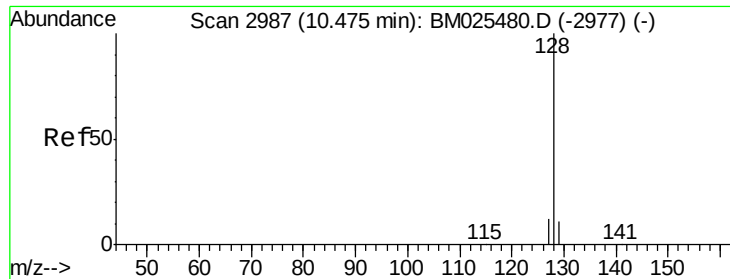
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Mar 11 14:45:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
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#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Instrument :

BNA_M

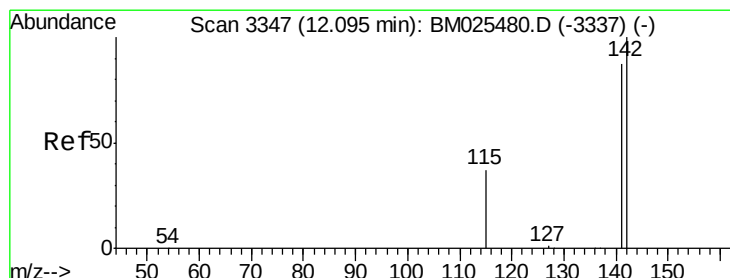
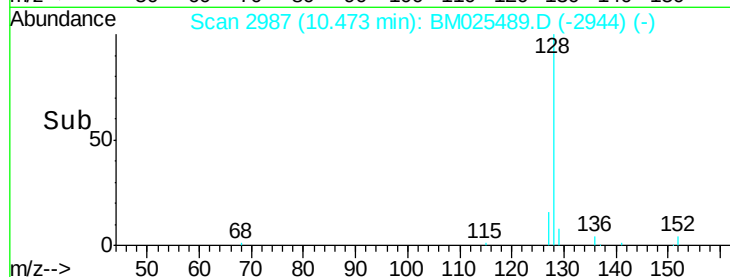
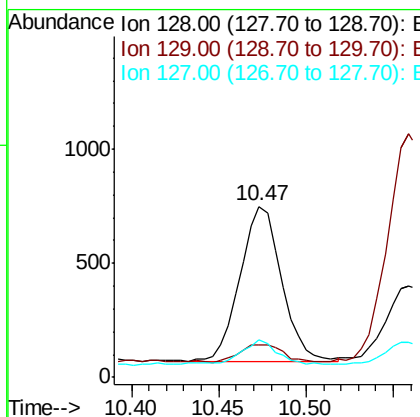
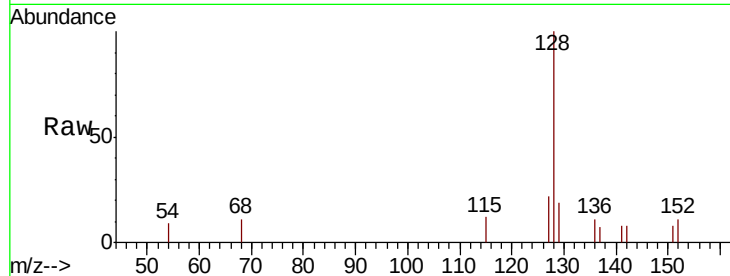
ClientSampleId :

C0CC2

Tot Ion:	128	Resp:	1119
Ion Ratio	Lower	Upper	
128	100		
129	18.7	9.4	14.0#
127	21.8	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

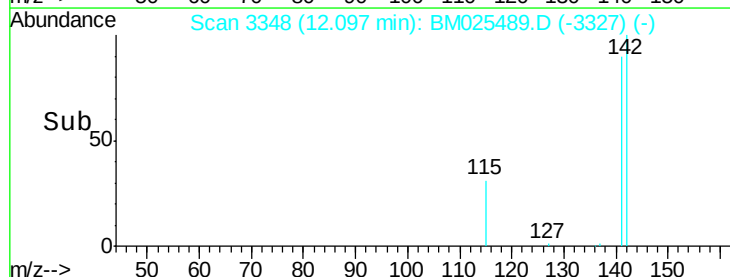
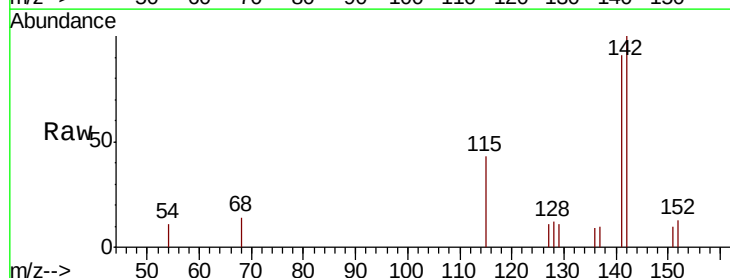
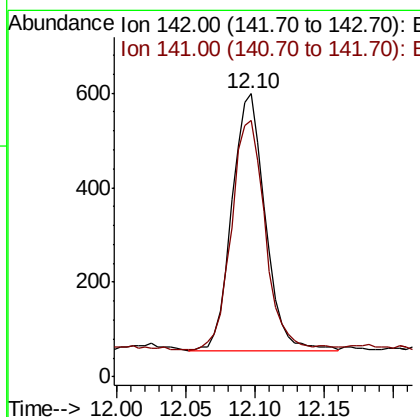
RT: 12.10 min Scan# 3348

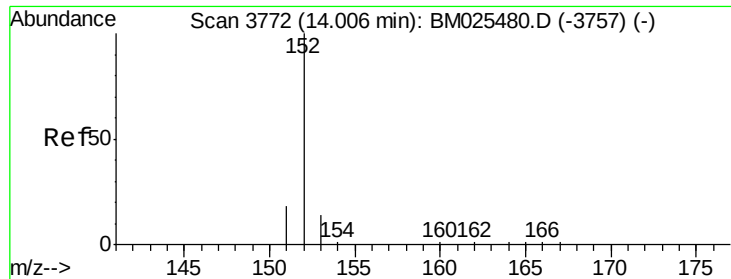
Delta R.T. -0.00 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Tgt Ion:	142	Resp:	902
Ion Ratio	Lower	Upper	
142	100		
141	90.8	69.8	104.6





#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Instrument :

BNA_M

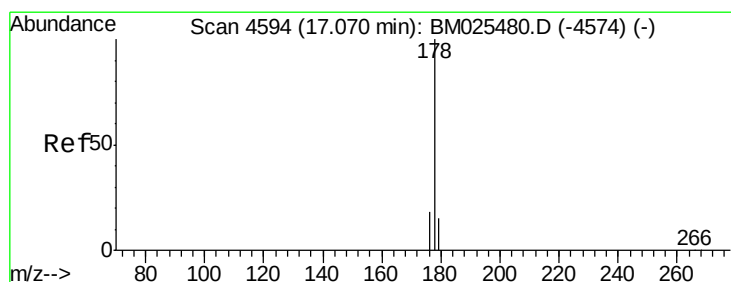
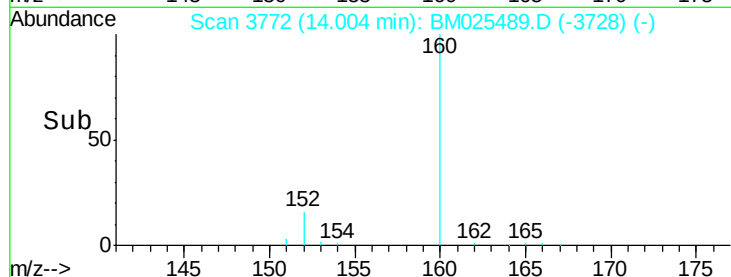
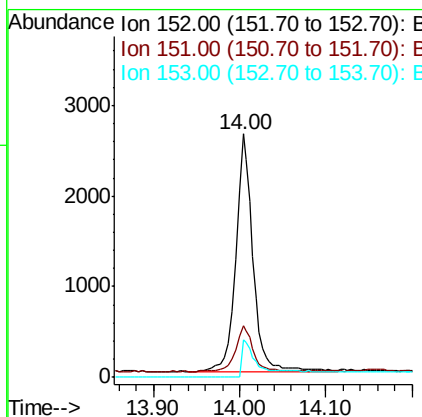
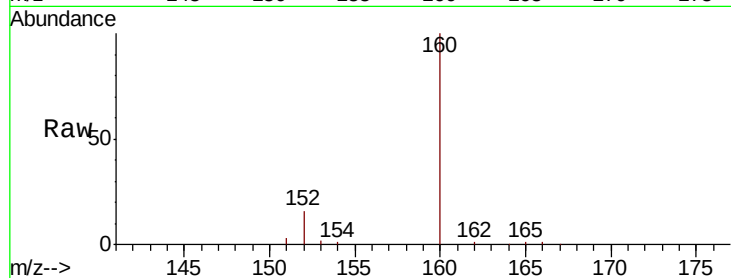
ClientSampleId :

C0CC2

Tot Ion:	152	Resp:	3646
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.2	24.2
153	15.5	10.6	16.0

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#12

Phenanthrene

Concen: 0.122 ng/ul

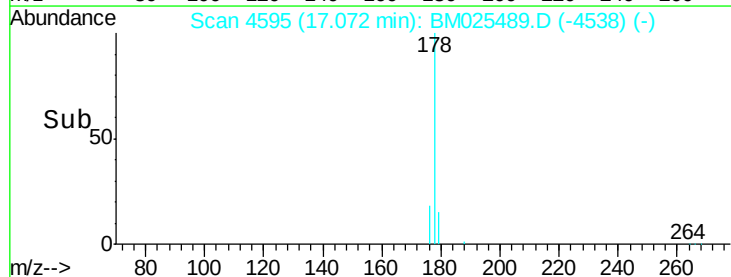
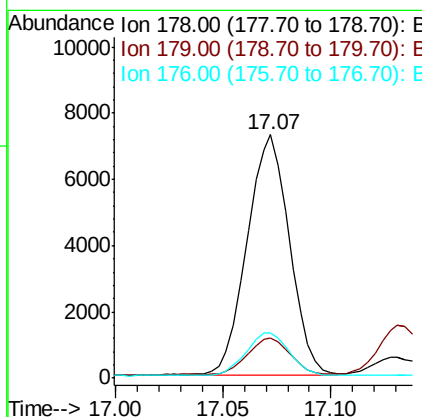
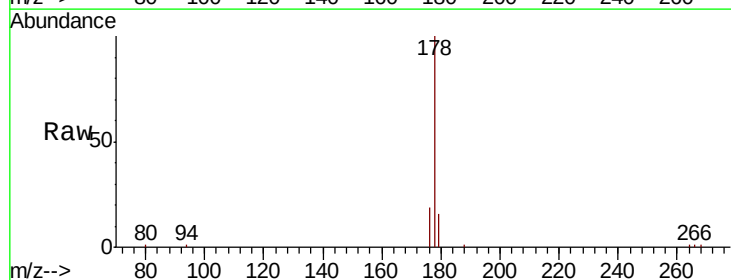
RT: 17.07 min Scan# 4595

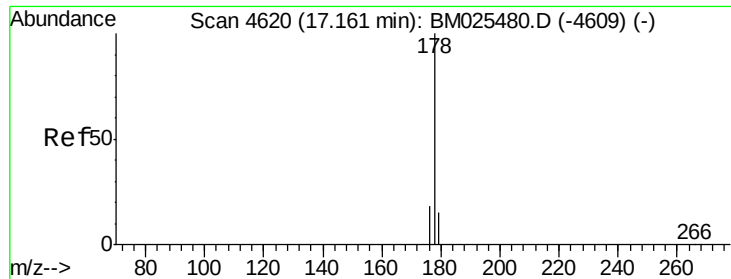
Delta R.T. -0.00 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Tgt Ion:	178	Resp:	9954
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.4	18.6
176	18.7	14.8	22.2





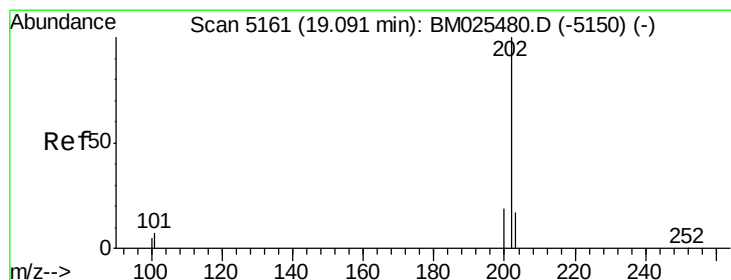
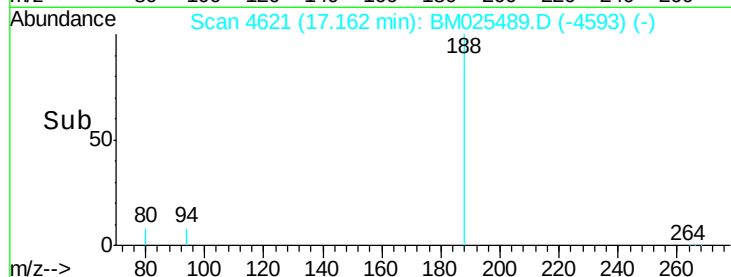
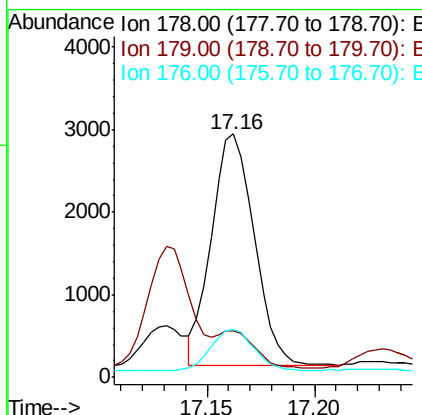
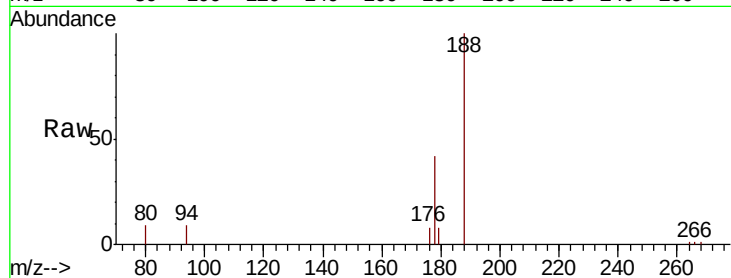
#13
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025489.D
 Acq: 11 Mar 2020 13:50

Instrument :
 BNA_M
 ClientSampled :
 C0CC2

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.6	18.8#
176	19.8	14.5	21.7

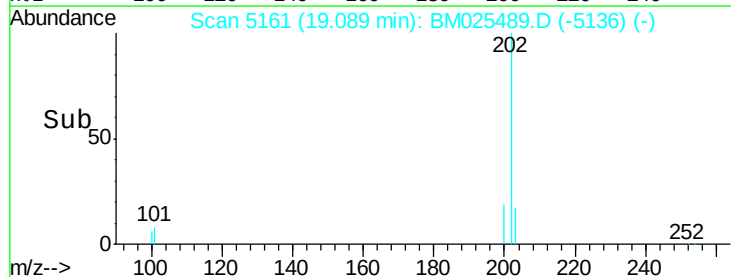
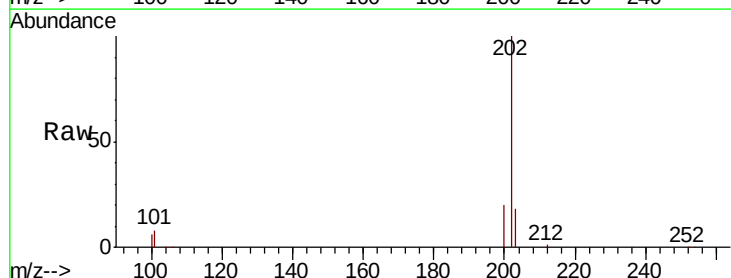
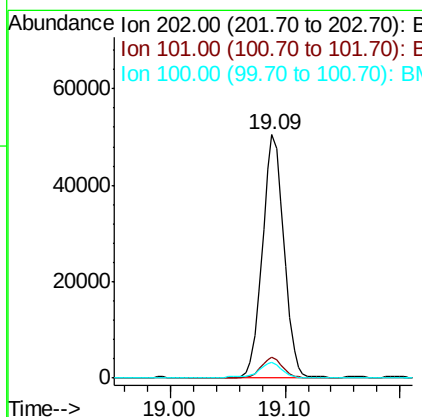
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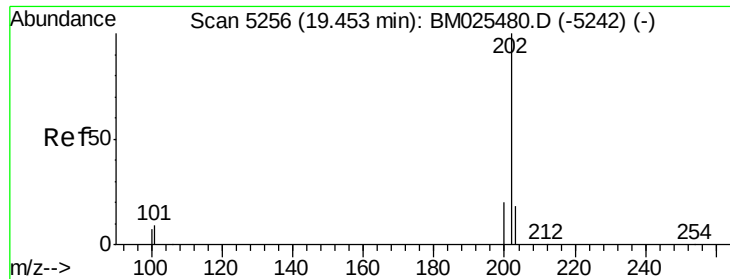
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#15
 Fluoranthene
 Concen: 0.742 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025489.D
 Acq: 11 Mar 2020 13:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	27.5
100	6.5	0.0	26.0





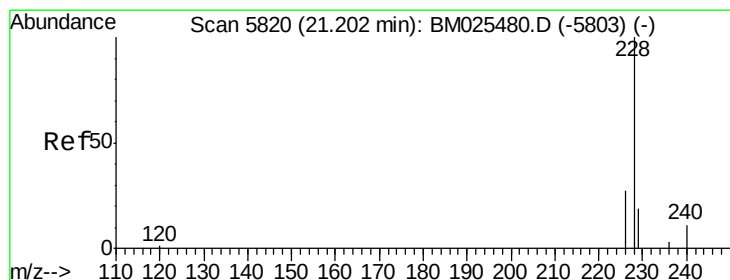
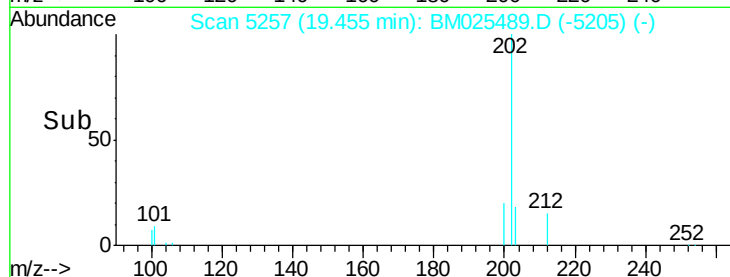
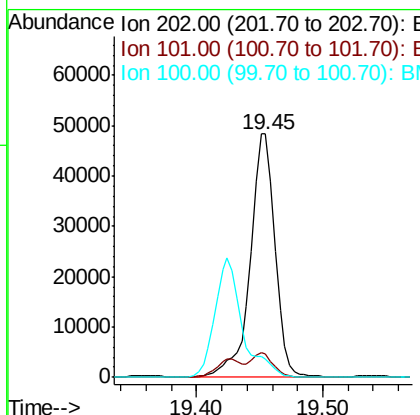
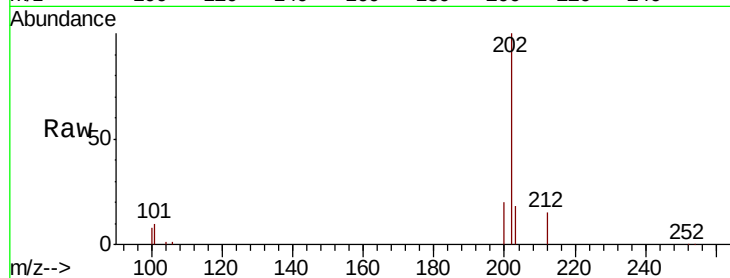
#17
Pvrene
Concen: 0.648 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025489.D
Acq: 11 Mar 2020 13:50

Instrument :
BNA_M
ClientSampleId :
C0CC2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	7.1	10.7
100	7.6	6.0	9.0

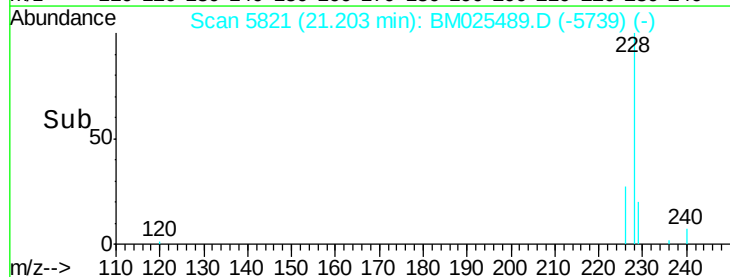
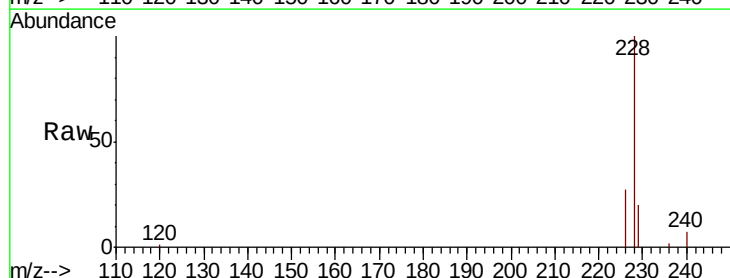
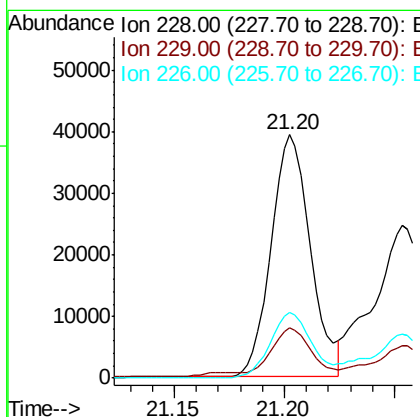
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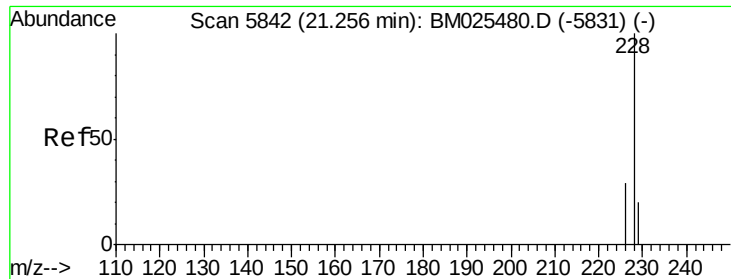
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#18
Benzo(a)anthracene
Concen: 0.610 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025489.D
Acq: 11 Mar 2020 13:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	15.6	23.4
226	27.1	21.1	31.7





#19

Chrysene

Concen: 0.429 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Instrument :

BNA_M

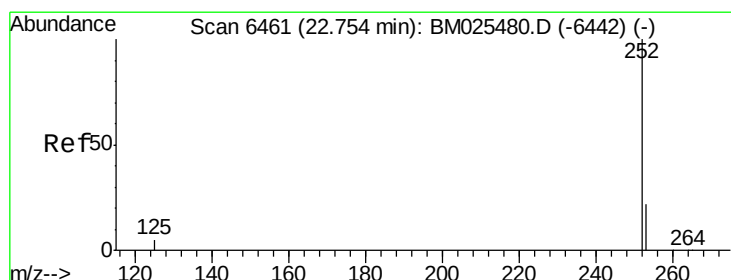
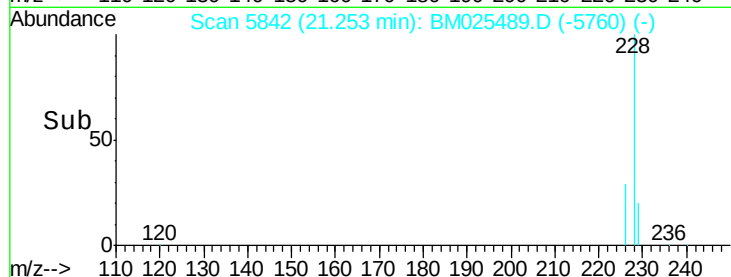
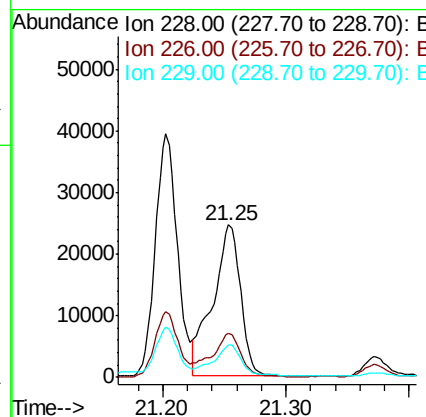
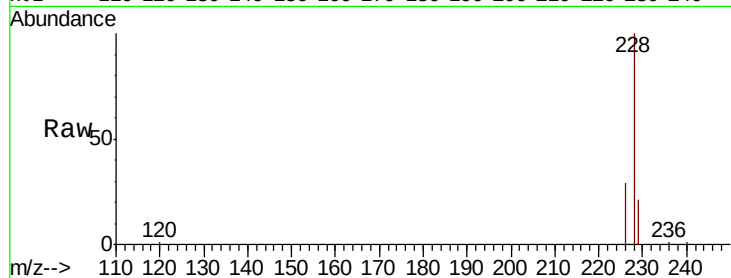
ClientSampled :

C0CC2

Tot Ion:	228	Resp:	38780
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.6	35.4
229	21.1	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.671 ng/ul m

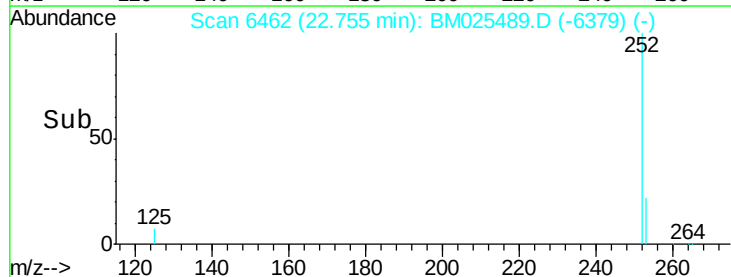
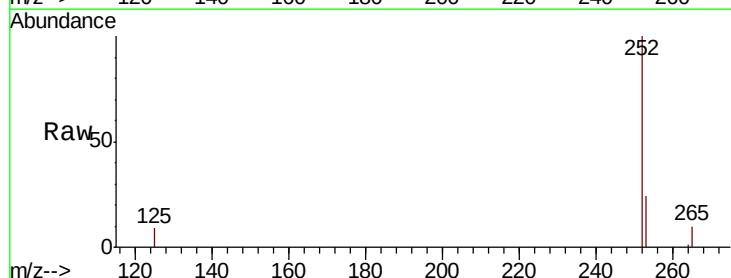
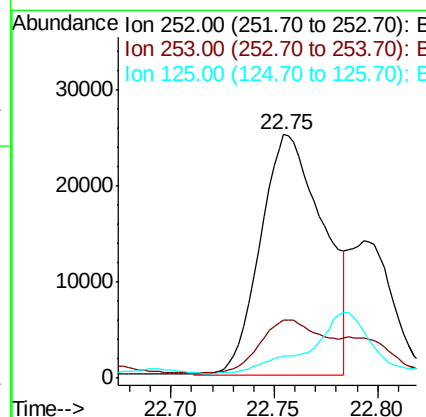
RT: 22.75 min Scan# 6462

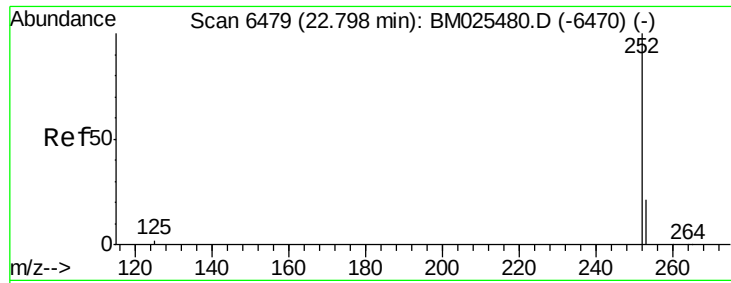
Delta R.T. -0.00 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Tgt Ion:	252	Resp:	53067
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	50.2
125	8.9	0.0	17.6





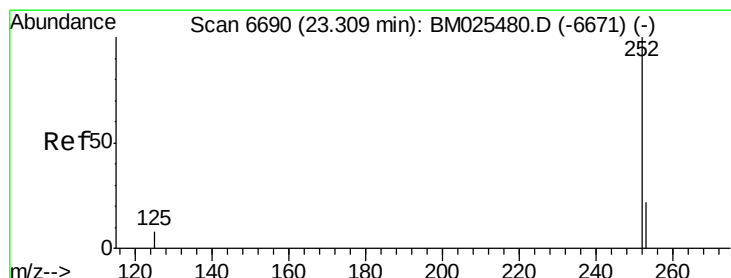
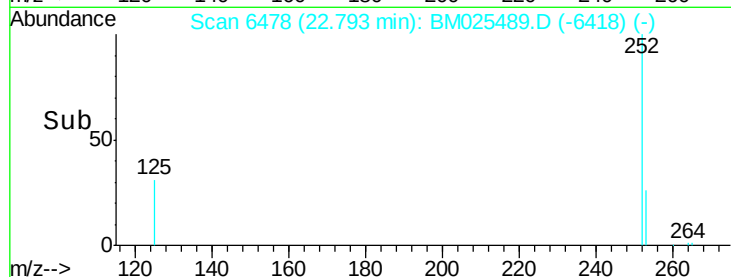
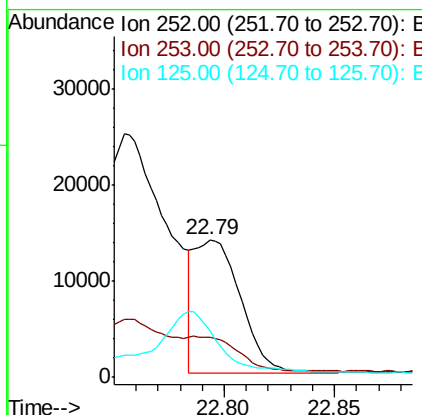
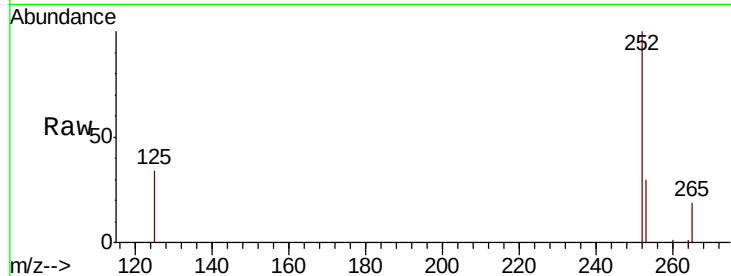
#22
Benzo(k)fluoranthene
Concen: 0.246 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025489.D
Acq: 11 Mar 2020 13:50

Instrument :
BNA_M
ClientSampleId :
C0CC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.8	29.8
125	33.7	7.1	10.7

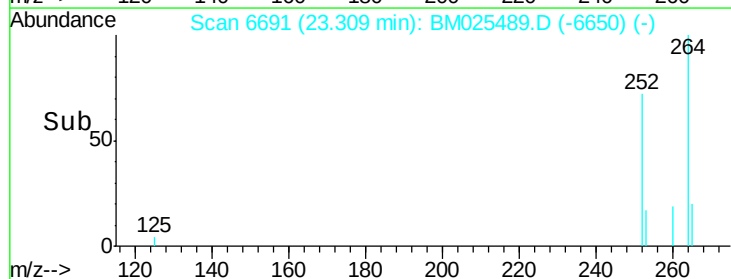
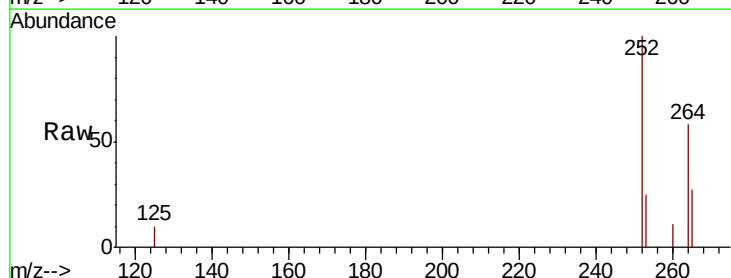
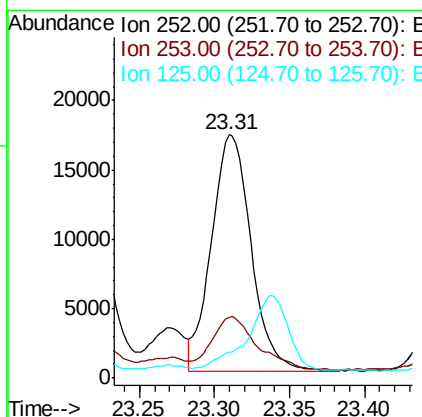
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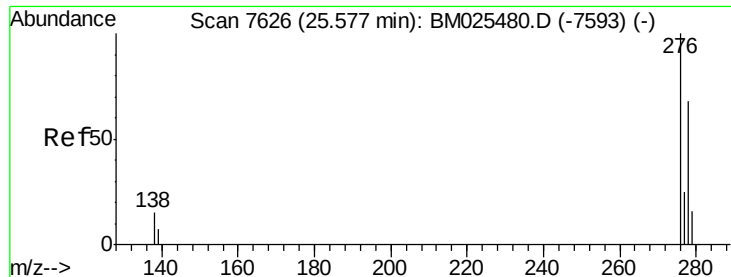
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#23
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. -0.00 min
Lab File: BM025489.D
Acq: 11 Mar 2020 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.3	31.9
125	10.5	8.5	12.7





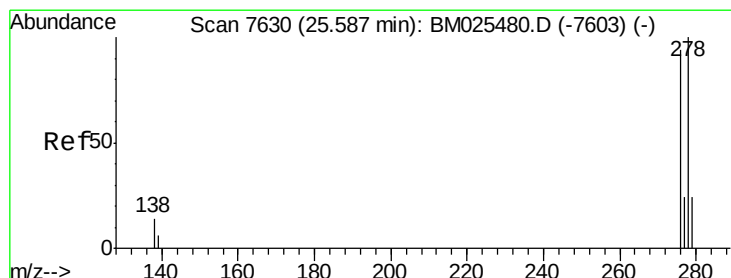
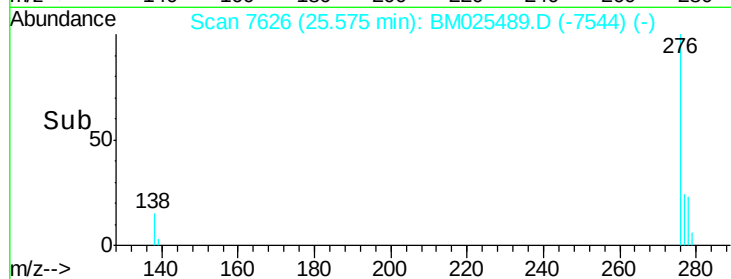
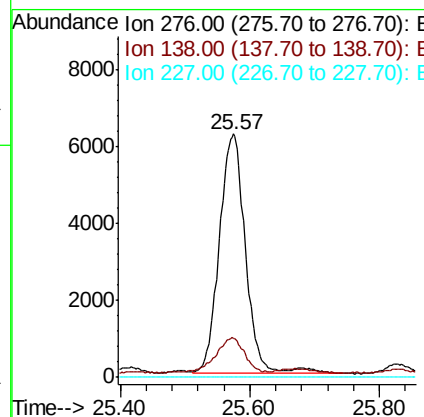
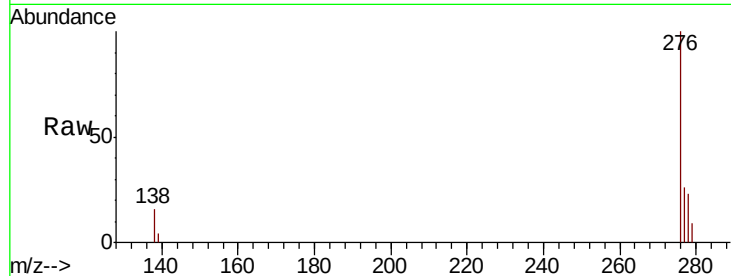
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 25.57 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025489.D
Acq: 11 Mar 2020 13:50

Instrument :
BNA_M
ClientSampleId :
C0CC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.3	18.5
227	0.0	0.0	0.0

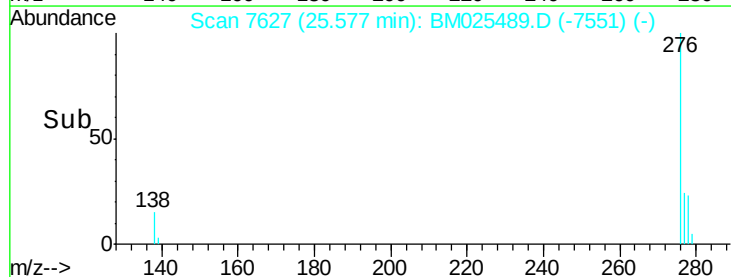
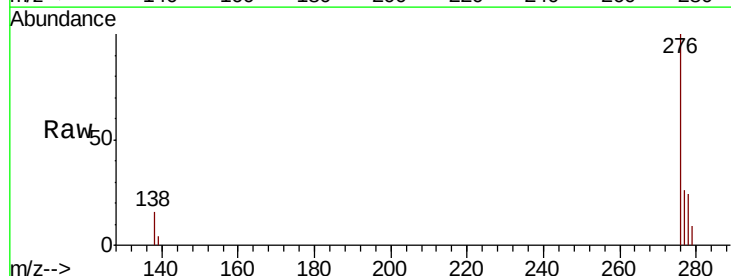
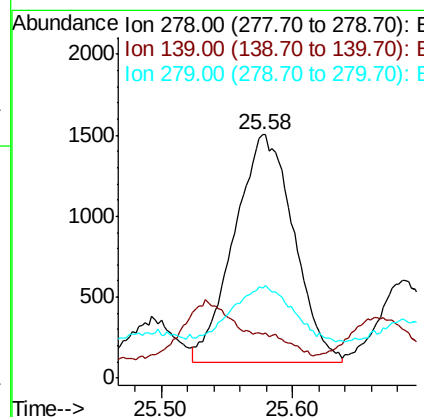
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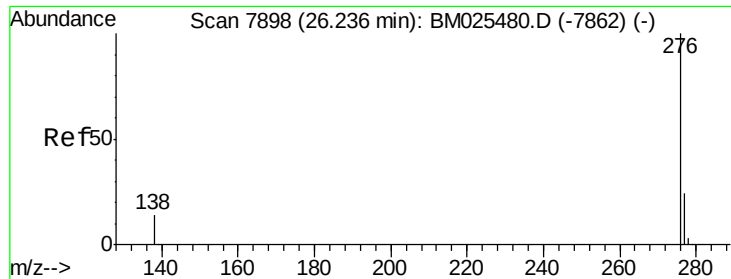
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#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.02 min
Lab File: BM025489.D
Acq: 11 Mar 2020 13:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	9.0	13.6#
279	36.9	21.1	31.7#





#26

Benzo(a,h,i)perylene

Concen: 0.188 ng/ul

RT: 26.23 min Scan# 7897

Delta R.T. -0.01 min

Lab File: BM025489.D

Acq: 11 Mar 2020 13:50

Instrument :

BNA_M

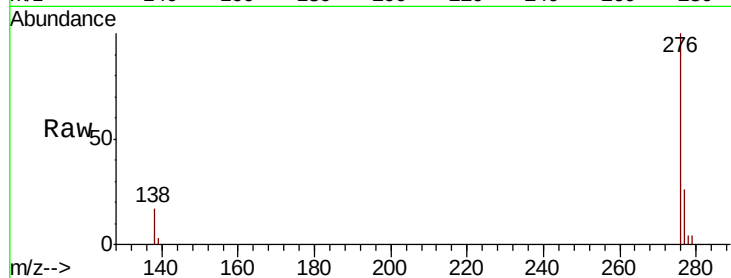
ClientSampleId :

C0CC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	11.0	16.4#
277	26.1	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:43 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

