

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025494.D
 Acq On : 11 Mar 2020 16:53
 Operator : CG/JU
 Sample : L1677-19
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB6

Manual Integrations
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Quant Time: Mar 11 17:44:50 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	3795	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16542	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11710	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25529	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17278	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16344	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1796	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	4704	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1184	0.024	ng/ul#	83
5) 2-Methylnaphthalene	12.10	142	987	0.028	ng/ul	99
12) Phenanthrene	17.07	178	12089	0.149	ng/ul	99
13) Anthracene	17.16	178	2462m	0.035	ng/ul	
15) Fluoranthene	19.09	202	25221	0.288	ng/ul	98
17) Pyrene	19.45	202	22173	0.286	ng/ul	98
18) Benzo(a)anthracene	21.21	228	8890	0.144	ng/ul	97
19) Chrysene	21.26	228	10581	0.153	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	11885m	0.184	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	5371m	0.079	ng/ul	
23) Benzo(a)pyrene	23.31	252	7584	0.141	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.57	276	5270	0.072	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.58	278	1348	0.022	ng/ul#	40
26) Benzo(g,h,i)perylene	26.24	276	4991	0.079	ng/ul#	90

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

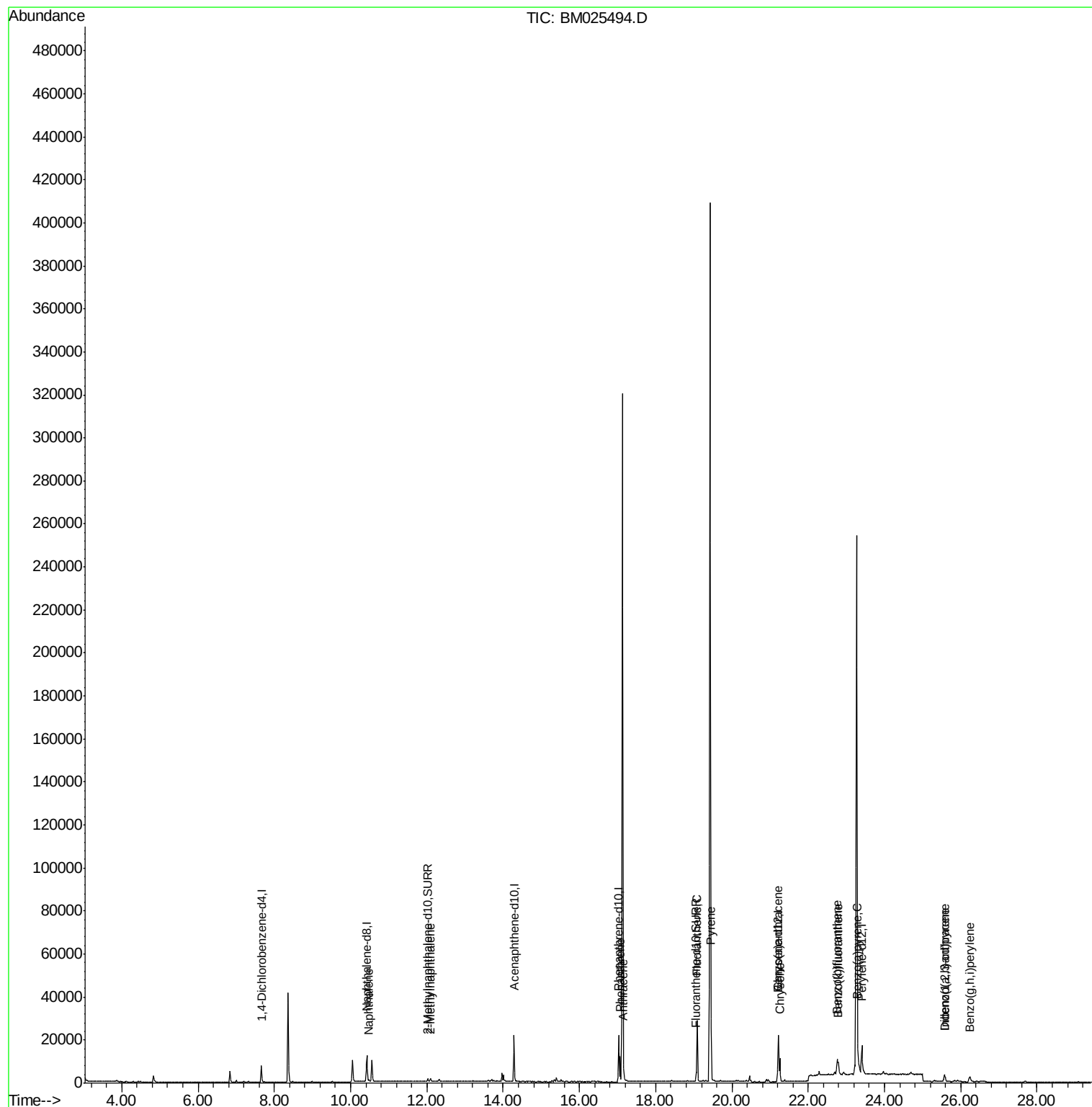
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025494.D
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Misc :
ALS Vial : 87 Sample Multiplier: 1

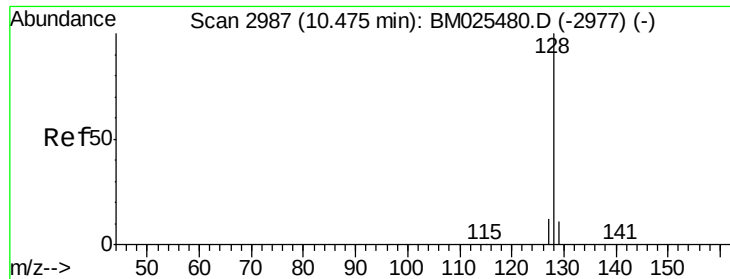
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025494.D

Acq: 11 Mar 2020 16:53

Instrument :

BNA_M

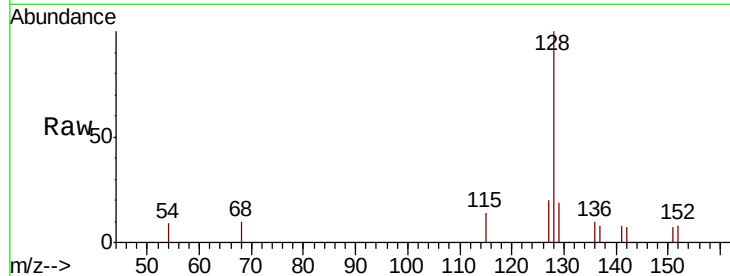
ClientSampled :

C0CB6

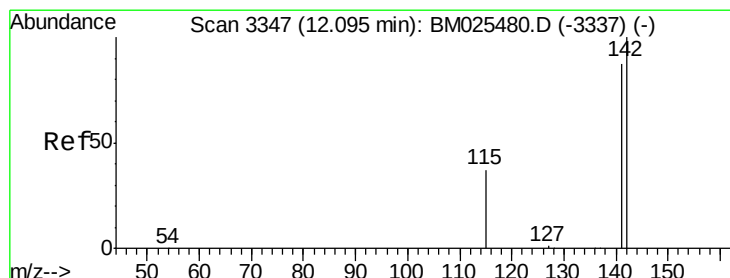
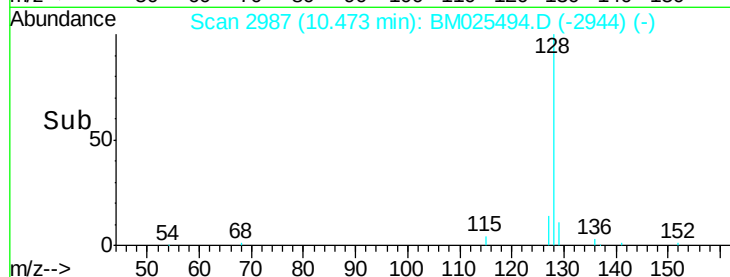
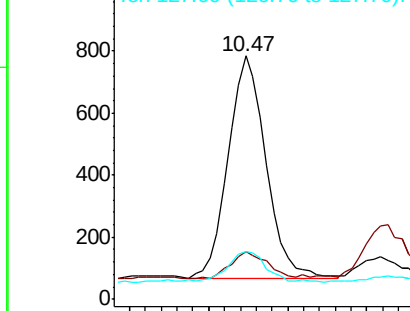
Tot Ion:	128	Resp:	1184
Ion Ratio	Lower	Upper	
128	100		
129	19.4	9.4	14.0#
127	19.6	10.9	16.3#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

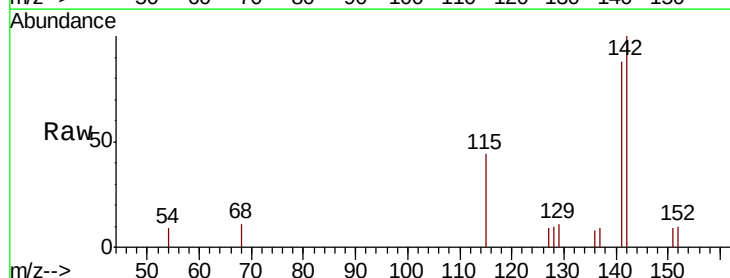
RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

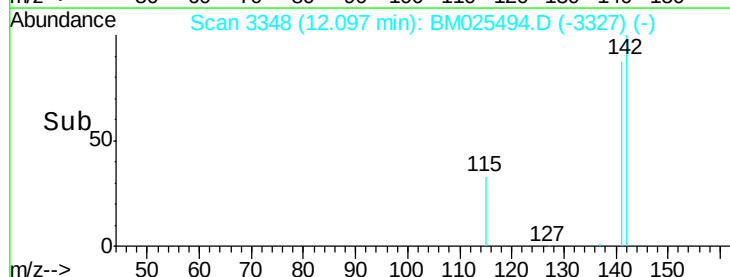
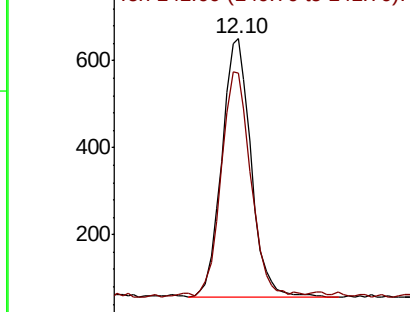
Lab File: BM025494.D

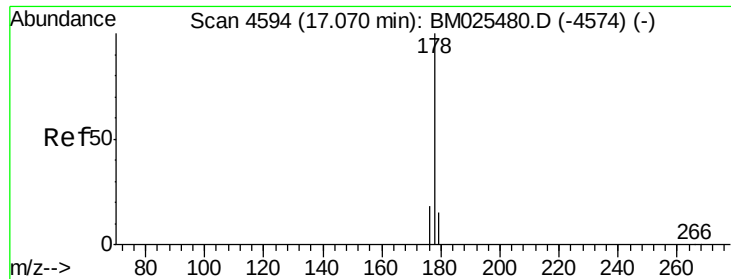
Acq: 11 Mar 2020 16:53

Tgt Ion:	142	Resp:	987
Ion Ratio	Lower	Upper	
142	100		
141	88.2	69.8	104.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.149 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025494.D

Acq: 11 Mar 2020 16:53

Instrument :

BNA_M

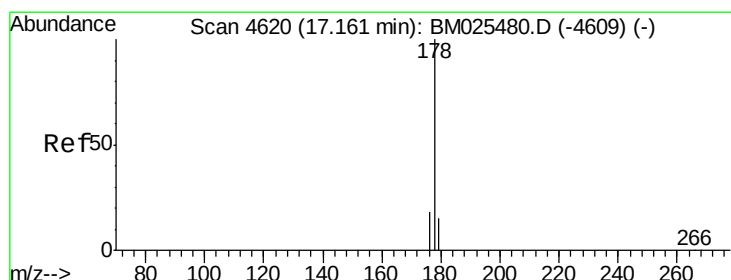
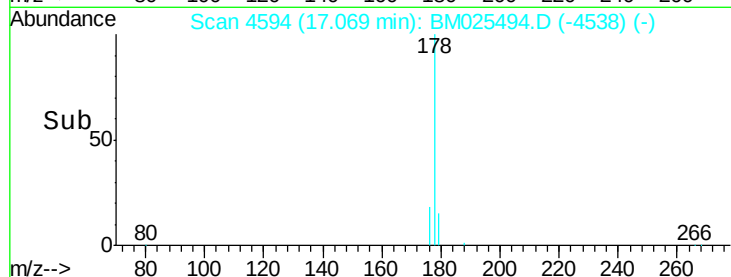
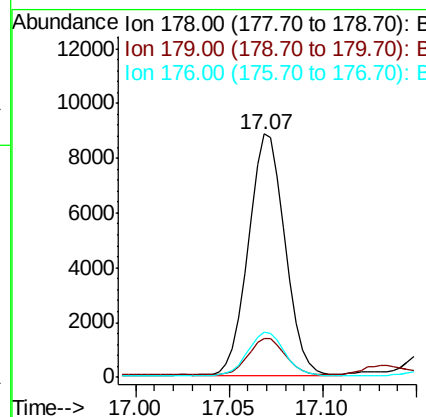
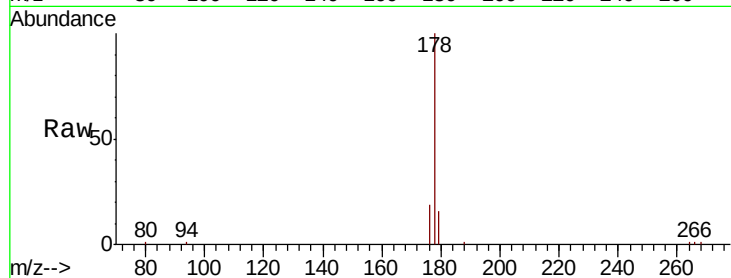
ClientSampleId :

C0CB6

Tot Ion:	178	Resp:	12089
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.4	18.6
176	18.6	14.8	22.2

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#13

Anthracene

Concen: 0.035 ng/ul m

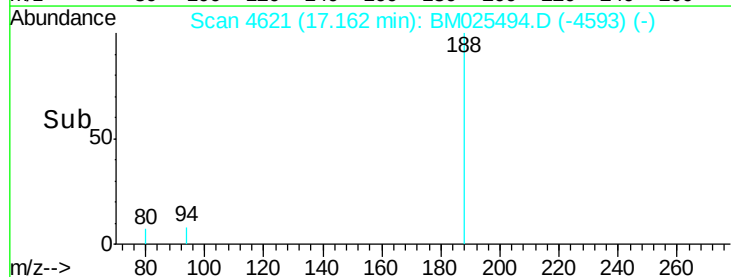
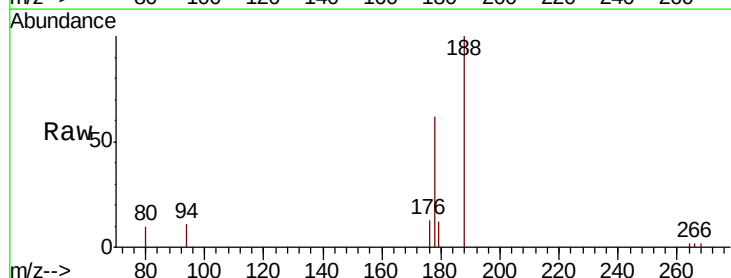
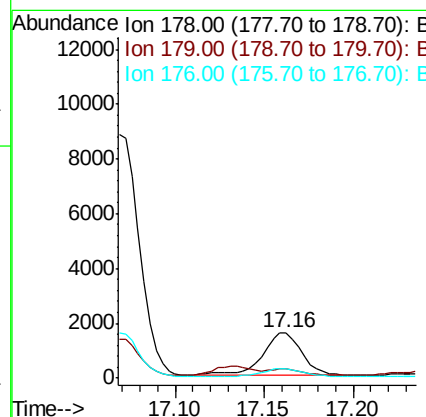
RT: 17.16 min Scan# 4621

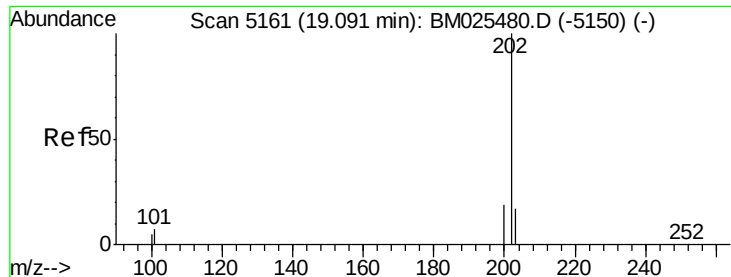
Delta R.T. -0.00 min

Lab File: BM025494.D

Acq: 11 Mar 2020 16:53

Tgt Ion:	178	Resp:	2462
Ion Ratio	Lower	Upper	
178	100		
179	20.1	12.6	18.8#
176	20.5	14.5	21.7





#15

Fluoranthene

Concen: 0.288 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025494.D

Acq: 11 Mar 2020 16:53

Instrument :

BNA_M

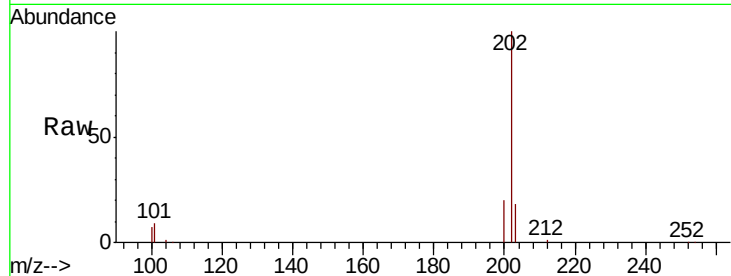
ClientSampleId :

C0CB6

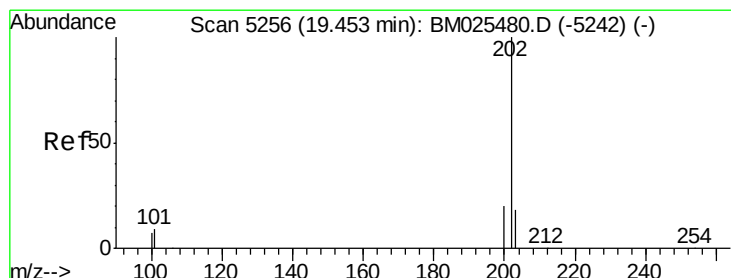
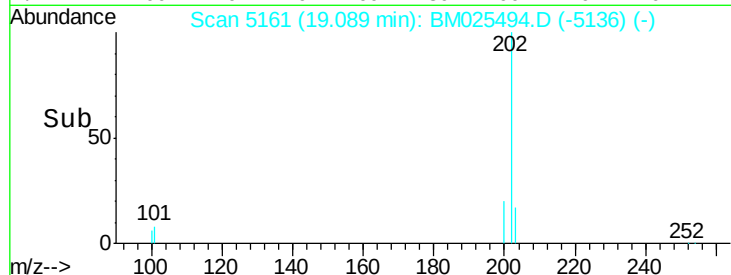
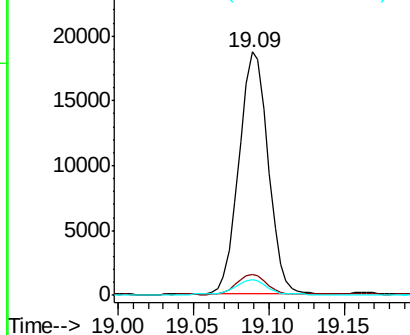
Tot Ion:	202	Resp:	25221
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	27.5
100	6.6	0.0	26.0

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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: 0.286 ng/ul

RT: 19.45 min Scan# 5256

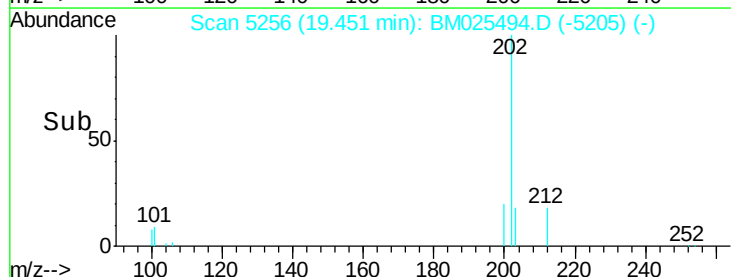
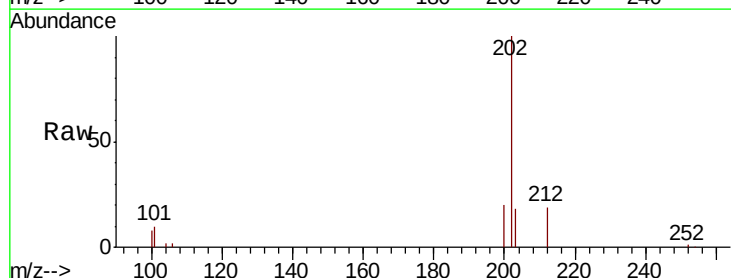
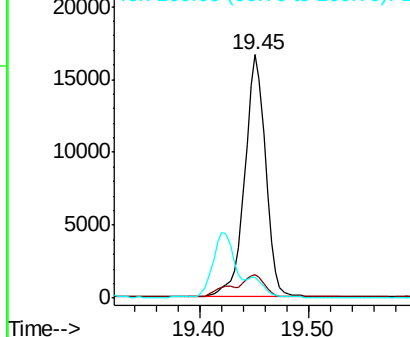
Delta R.T. -0.00 min

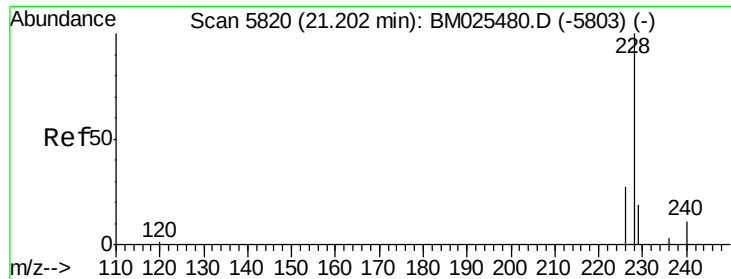
Lab File: BM025494.D

Acq: 11 Mar 2020 16:53

Tgt Ion:	202	Resp:	22173
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





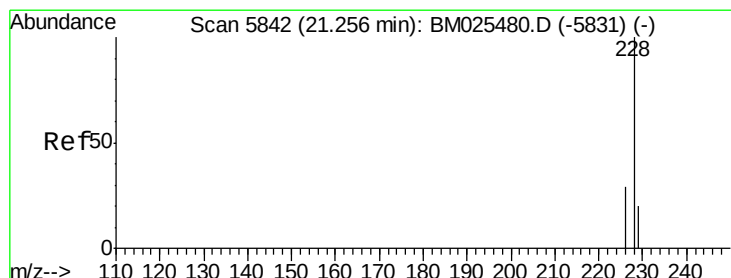
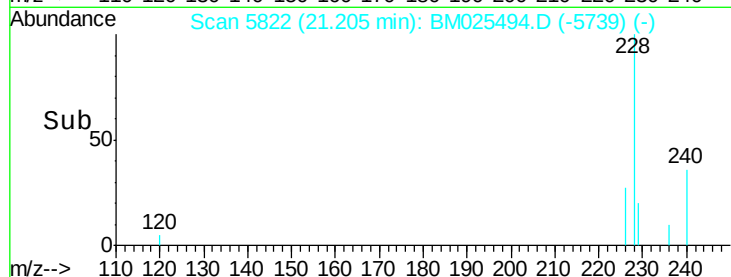
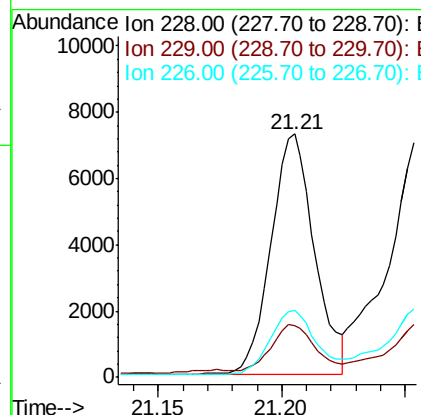
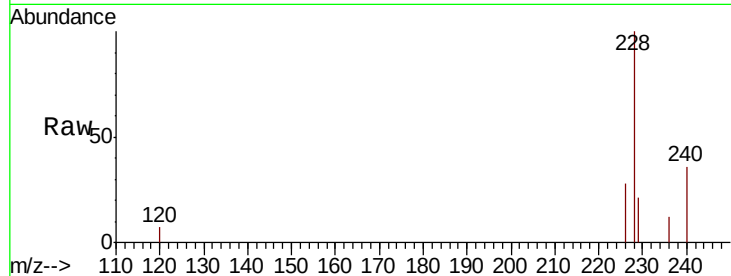
#18
Benzo(a)anthracene
Concen: 0.144 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Instrument :
BNA_M
ClientSampled :
C0CB6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	27.7	21.1	31.7

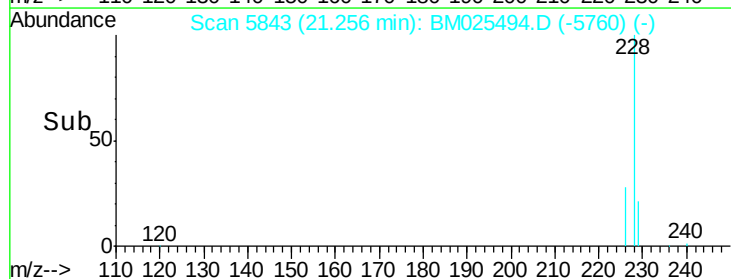
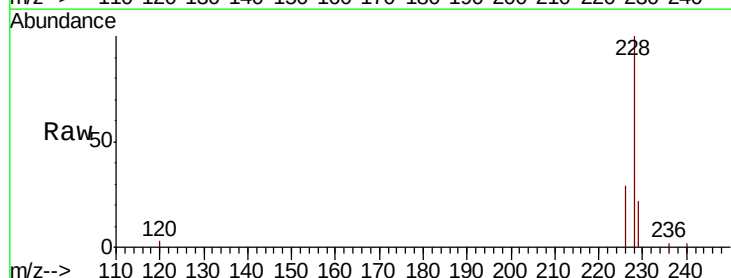
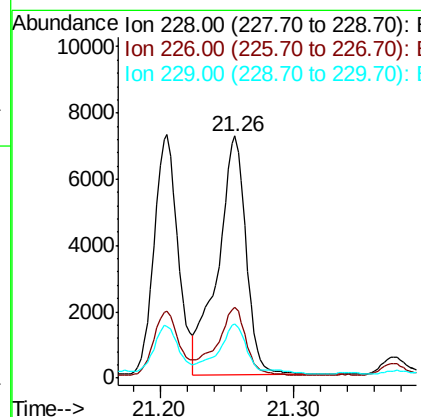
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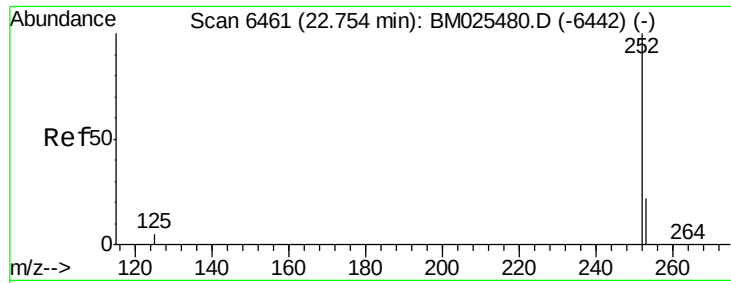
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#19
Chrysene
Concen: 0.153 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	22.2	16.3	24.5





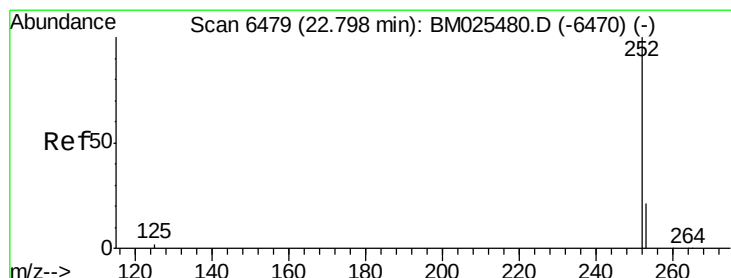
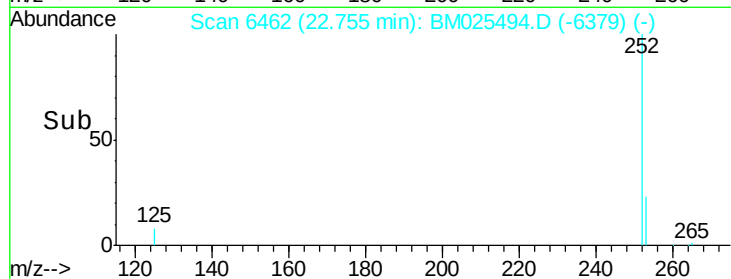
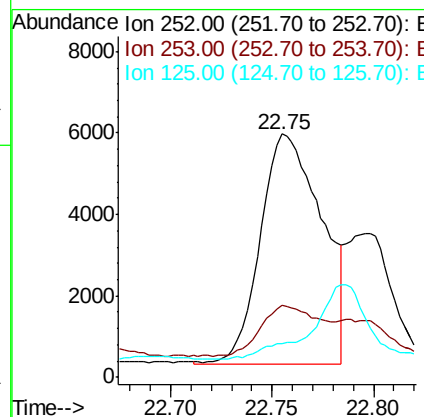
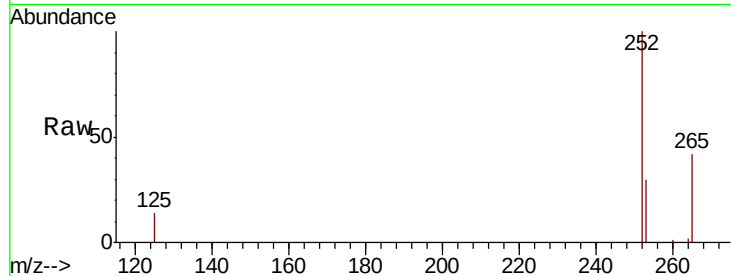
#21
Benzo(b)fluoranthene
Concen: 0.184 ng/ul m
RT: 22.75 min Scan# 6462
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Instrument :
BNA_M
ClientSampleId :
C0CB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	50.2
125	14.1	0.0	17.6

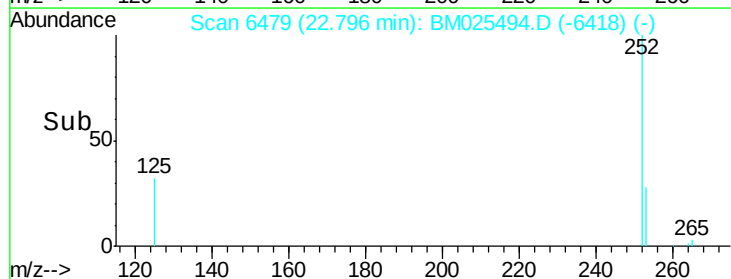
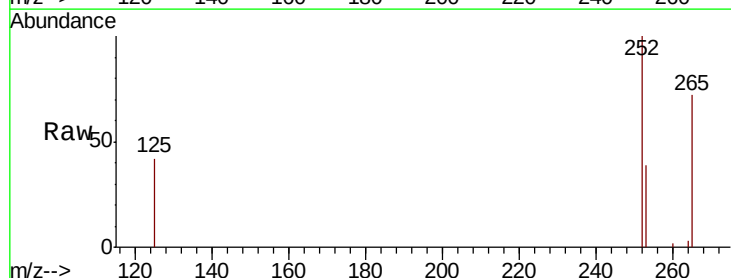
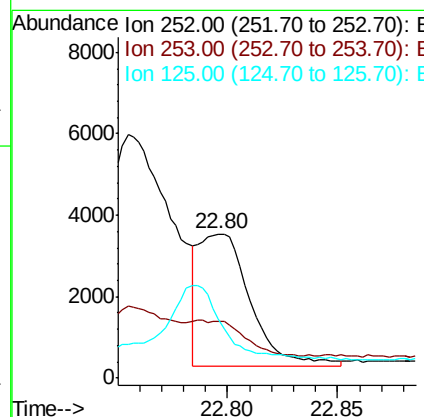
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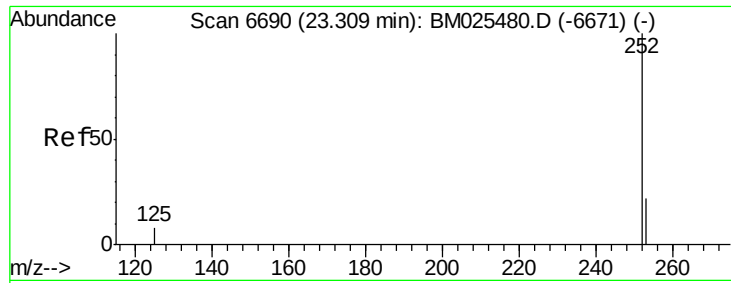
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#22
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.4	19.8	29.8#
125	41.5	7.1	10.7#





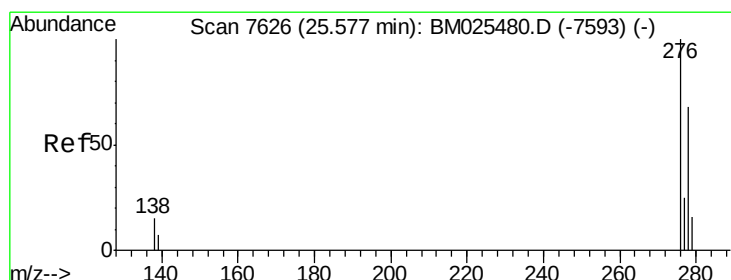
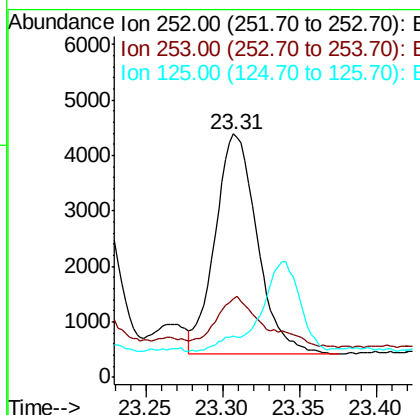
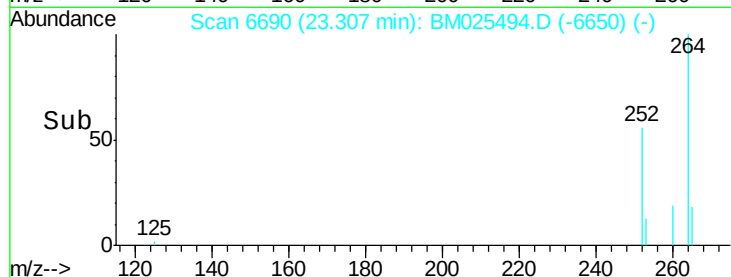
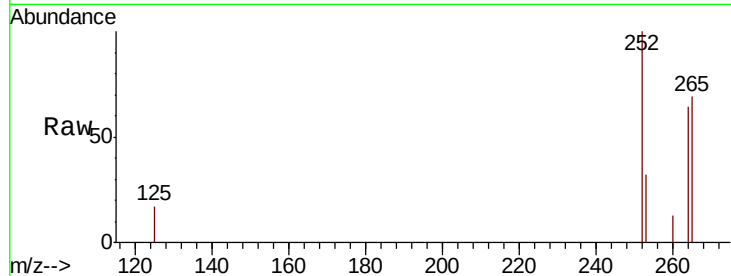
#23
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Instrument :
BNA_M
ClientSampleId :
C0CB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.3	21.3	31.9#
125	16.9	8.5	12.7#

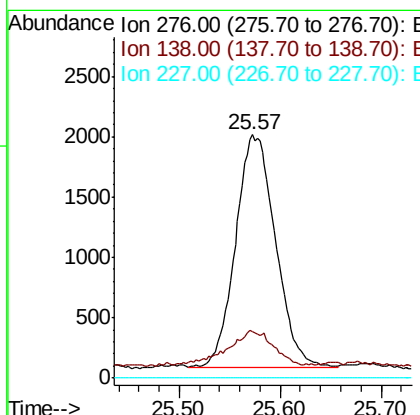
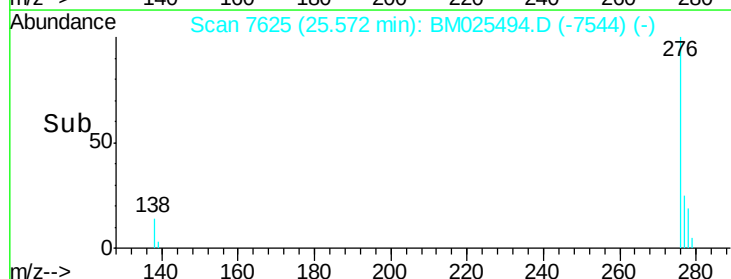
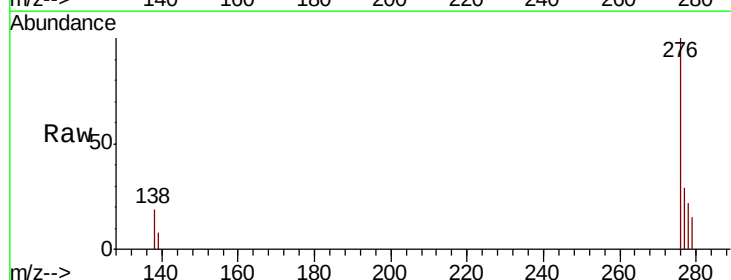
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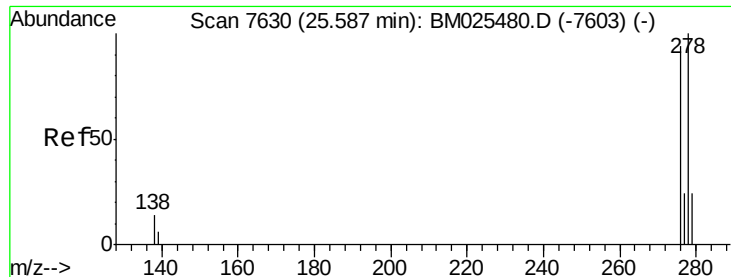
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	12.3	18.5
227	0.0	0.0	0.0





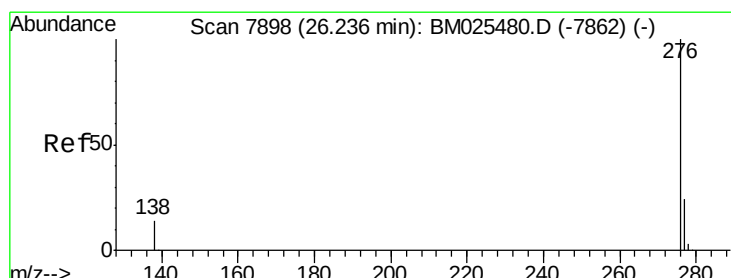
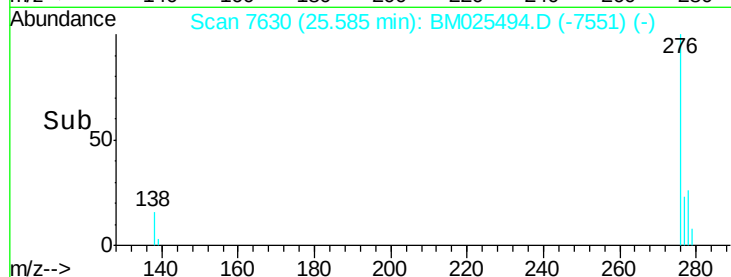
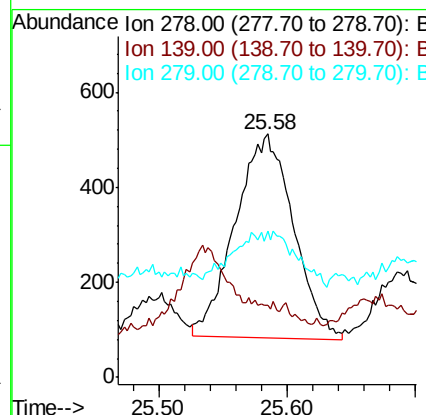
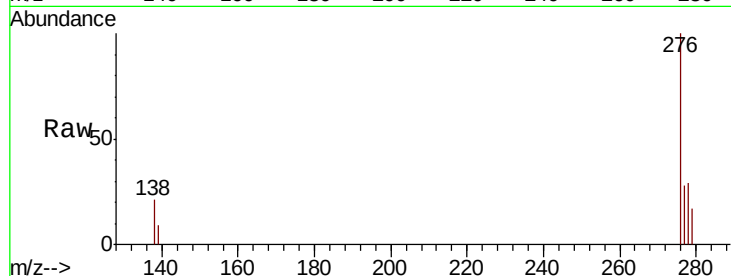
#25
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.58 min Scan# 7630
Delta R.T. -0.01 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Instrument :
BNA_M
ClientSampleId :
C0CB6

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.9	9.0	13.6#
279	60.0	21.1	31.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025494.D
Acq: 11 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	11.0	16.4#
277	27.7	19.8	29.6

