

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025497.D
 Acq On : 11 Mar 2020 18:42
 Operator : CG/JU
 Sample : L1677-01
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC5

Manual Integrations
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Quant Time: Mar 12 02:09:23 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 : Thu Mar 12 02:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17402	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12731	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	29348	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	21090	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	20686	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7601	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20553	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	3414	0.066	ng/ul#	93
5) 2-Methylnaphthalene	12.09	142	1939	0.053	ng/ul	99
7) Acenaphthylene	14.00	152	1835	0.035	ng/ul#	83
9) Fluorene	15.34	166	1329	0.024	ng/ul#	96
12) Phenanthrene	17.07	178	18285	0.197	ng/ul	100
13) Anthracene	17.16	178	3670	0.045	ng/ul#	93
15) Fluoranthene	19.09	202	56664	0.562	ng/ul	99
17) Pyrene	19.45	202	49081	0.518	ng/ul	99
18) Benzo(a)anthracene	21.20	228	20800	0.276	ng/ul	97
19) Chrysene	21.25	228	29281	0.346	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	33946m	0.414	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	12424m	0.145	ng/ul	
23) Benzo(a)pyrene	23.31	252	17951	0.264	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	13111	0.142	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.58	278	3459	0.045	ng/ul#	72
26) Benzo(a,h,i)perylene	26.24	276	11276	0.141	ng/ul#	97

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

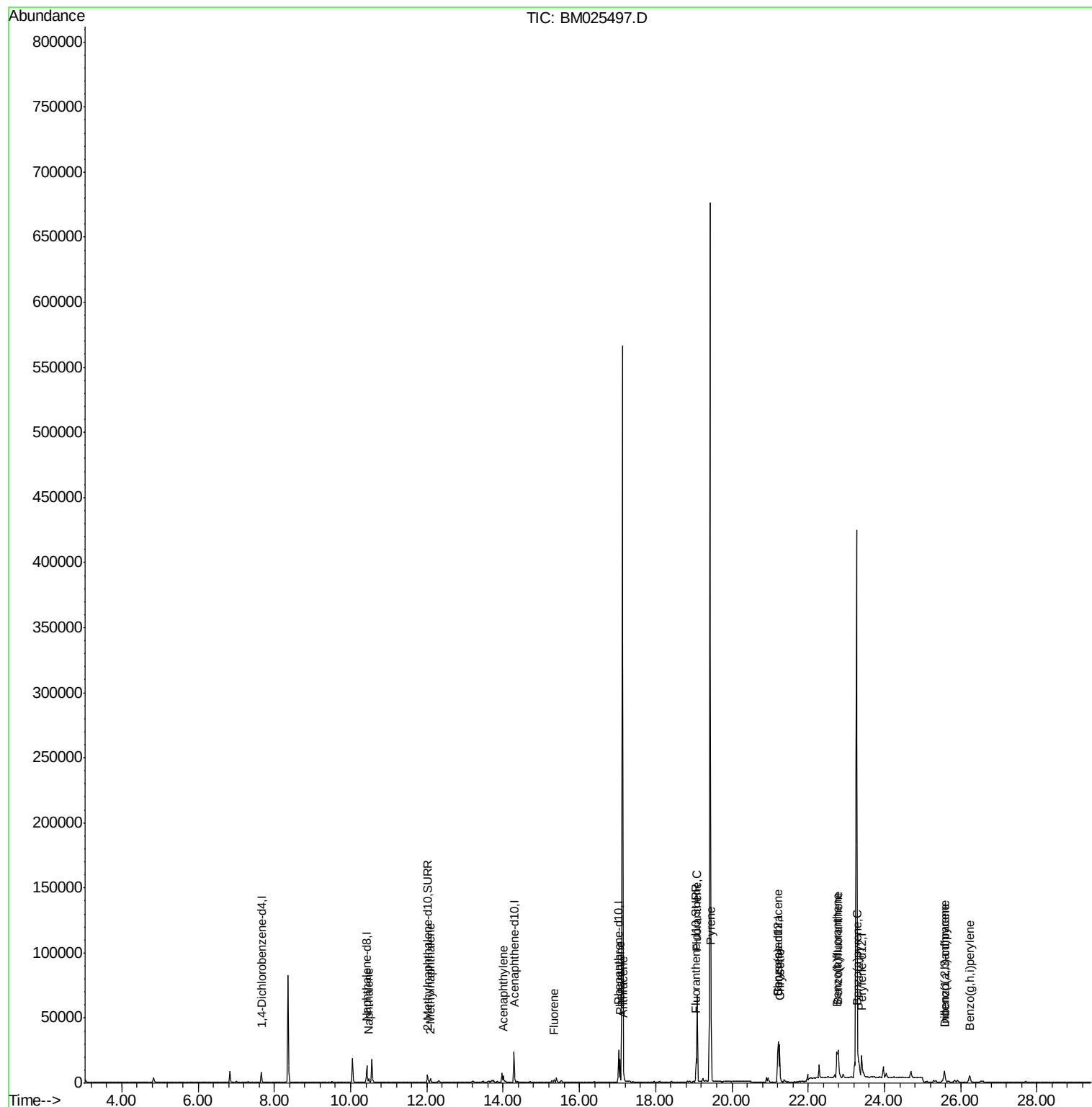
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025497.D
Acq On : 11 Mar 2020 18:42
Operator : CG/JU
Sample : L1677-01
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ALS Vial : 90 Sample Multiplier: 1

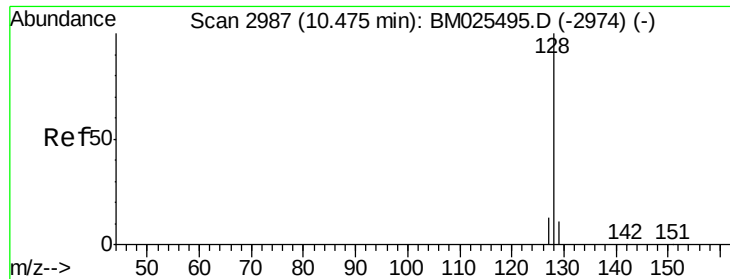
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Mar 12 02:09:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.066 ng/ul

RT: 10.48 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Instrument :

BNA_M

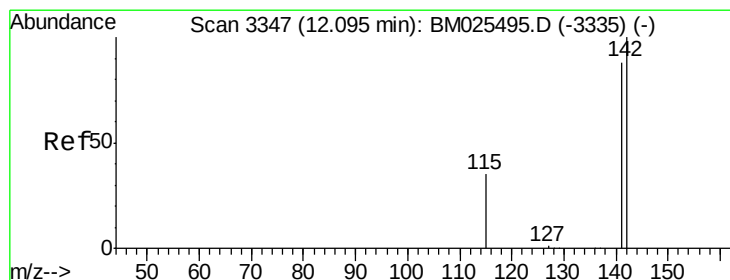
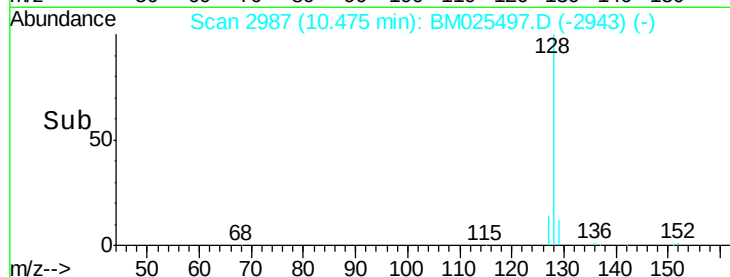
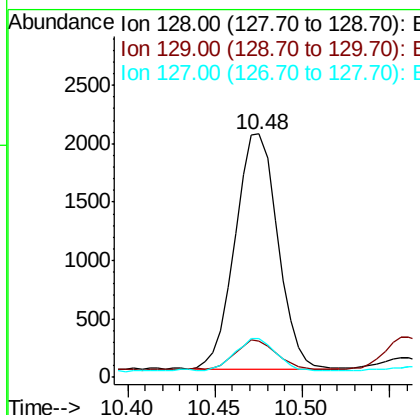
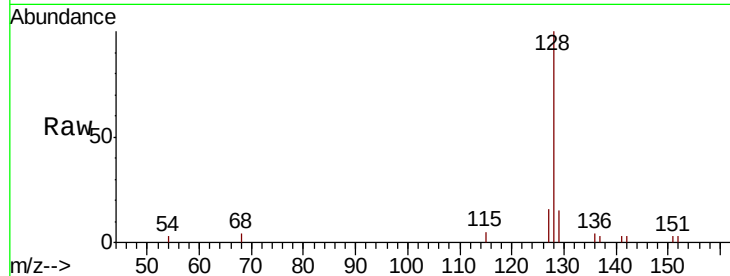
ClientSampleId :

C0CC5

Tot Ion:	128	Resp:	3414
Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.4	14.0#
127	16.1	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

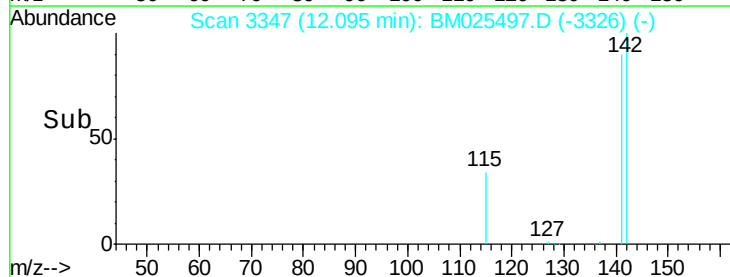
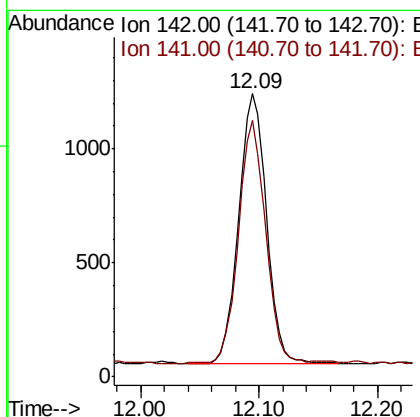
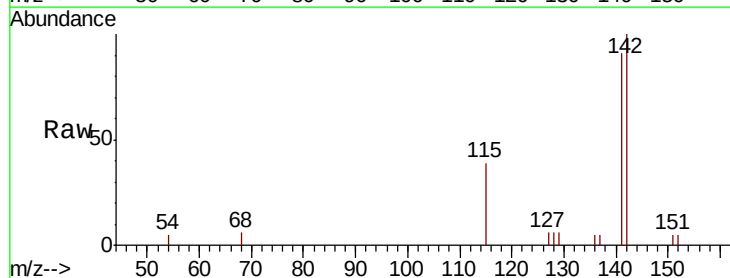
RT: 12.09 min Scan# 3347

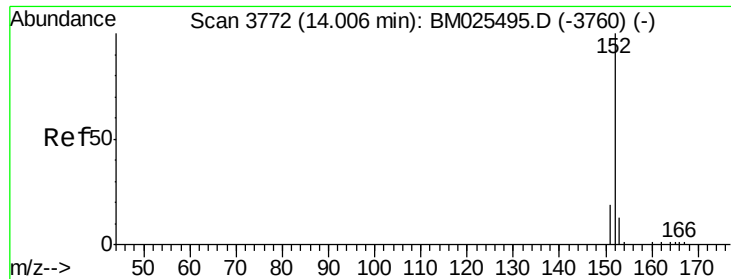
Delta R.T. -0.01 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Tgt Ion:	142	Resp:	1939
Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.8	104.6





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Instrument :

BNA_M

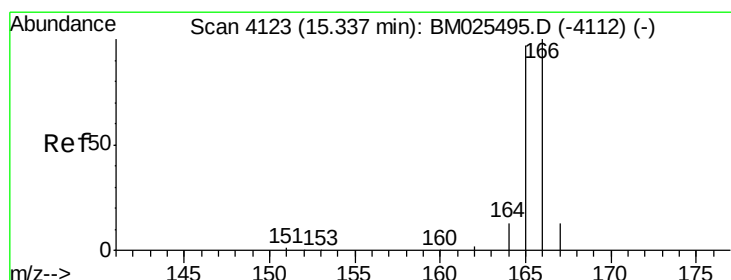
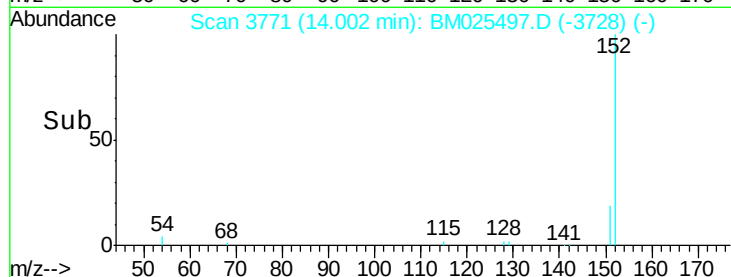
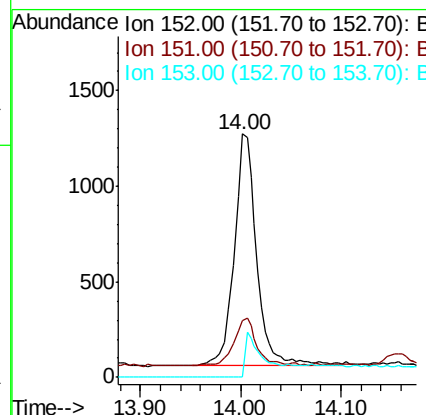
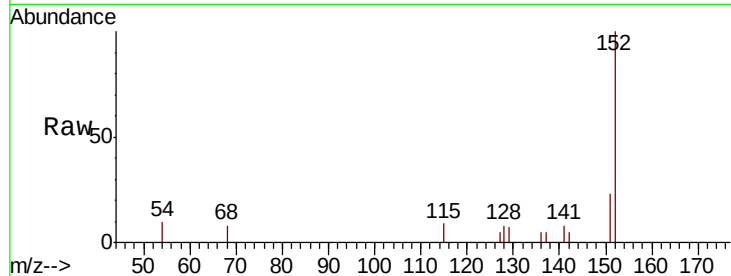
ClientSampleId :

C0CC5

Tot Ion:	152	Resp:	1835
Ion Ratio	Lower	Upper	
152	100		
151	23.4	16.2	24.2
153	0.0	10.6	16.0#

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#9

Fluorene

Concen: 0.024 ng/ul

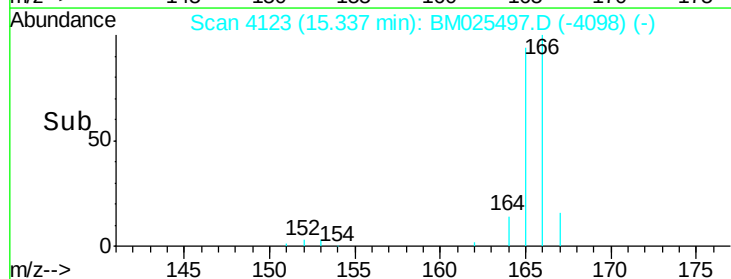
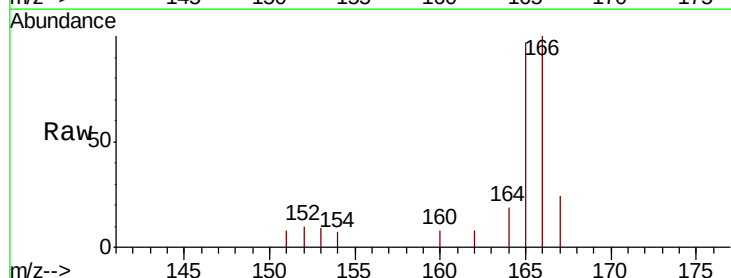
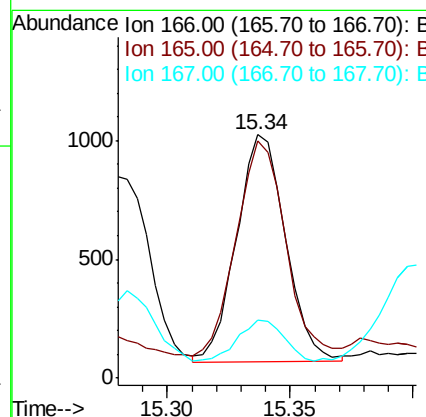
RT: 15.34 min Scan# 4123

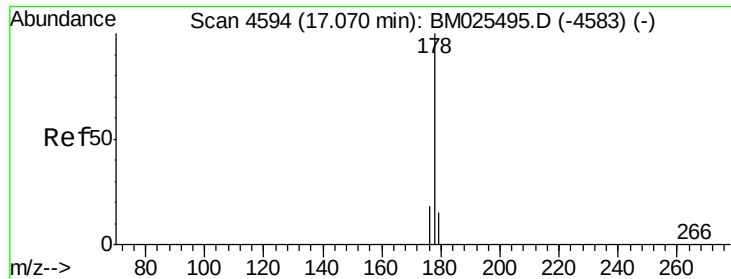
Delta R.T. -0.01 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Tgt Ion:	166	Resp:	1329
Ion Ratio	Lower	Upper	
166	100		
165	97.3	76.8	115.2
167	23.7	11.2	16.8#





#12

Phenanthrene

Concen: 0.197 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Instrument :

BNA_M

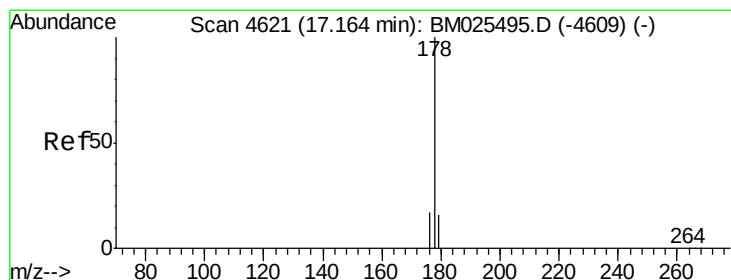
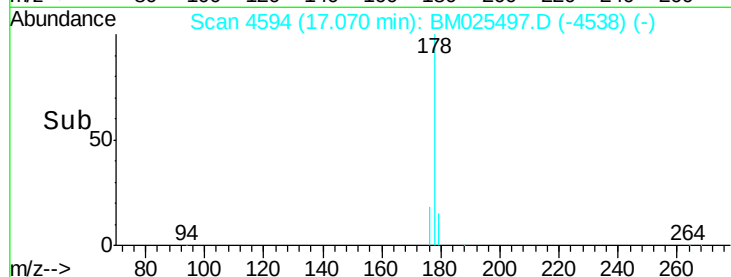
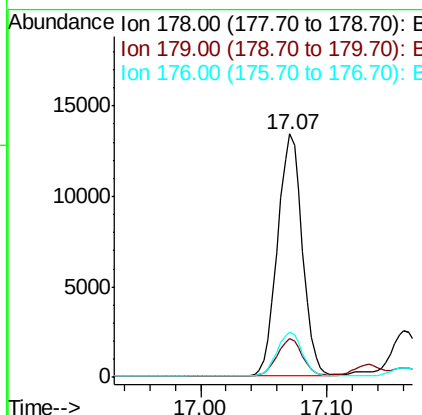
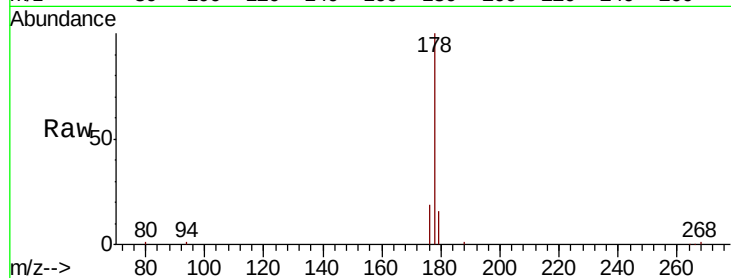
ClientSampleId :

C0CC5

Tot Ion:178	Resp:	18285
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	18.6	14.8 22.2

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#13

Anthracene

Concen: 0.045 ng/ul

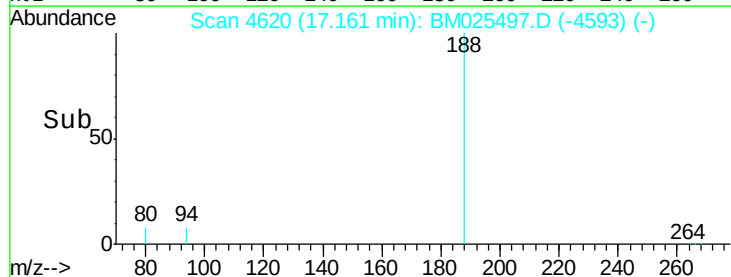
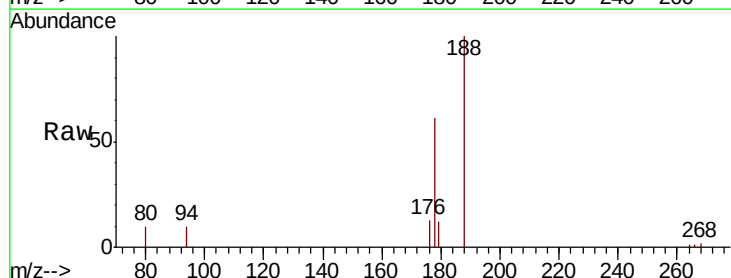
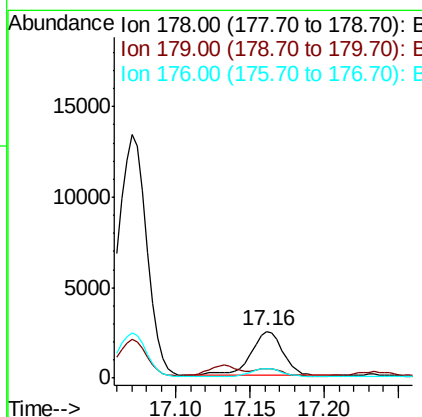
RT: 17.16 min Scan# 4620

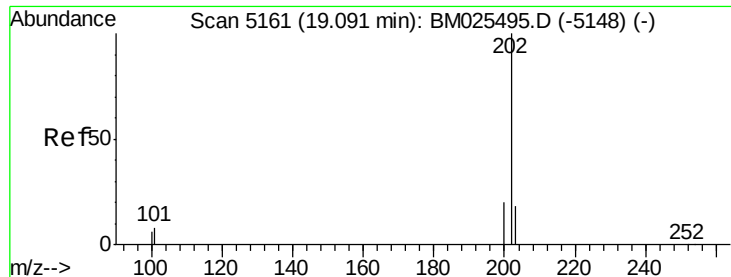
Delta R.T. -0.01 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Tgt Ion:178	Resp:	3670
Ion Ratio	Lower	Upper
178	100	
179	19.7	12.6 18.8#
176	20.6	14.5 21.7





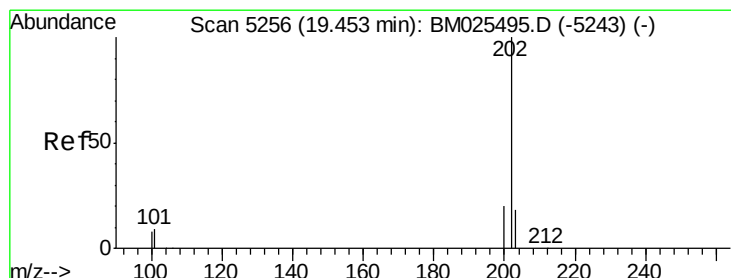
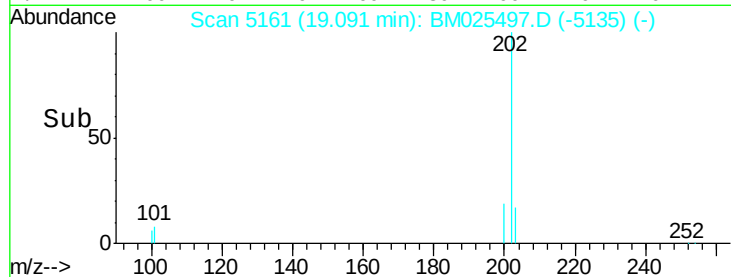
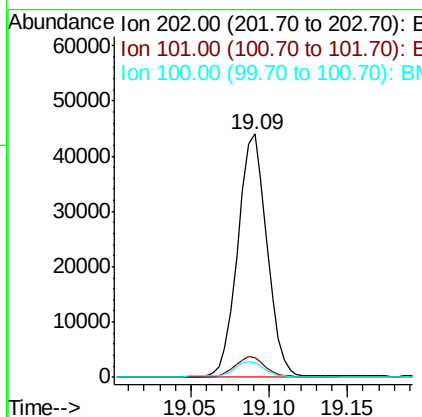
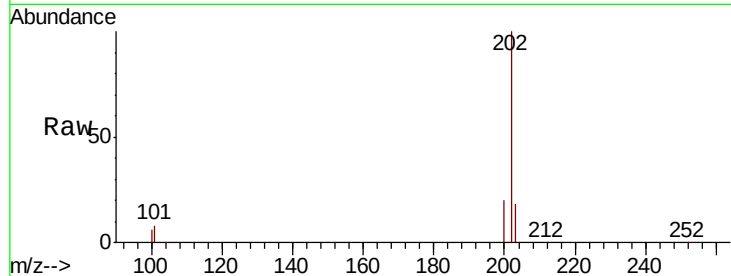
#15
Fluoranthene
Concen: 0.562 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Instrument :
BNA_M
ClientSampleId :
C0CC5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	56664		
101	8.2		0.0	27.5
100	6.2		0.0	26.0

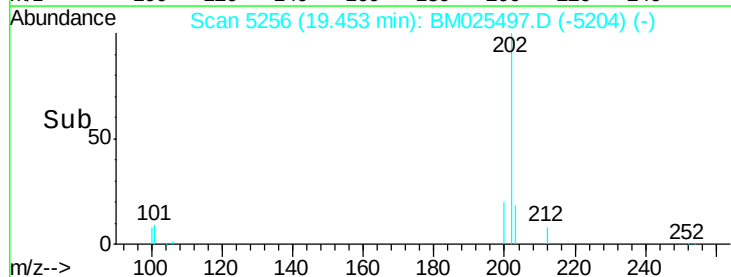
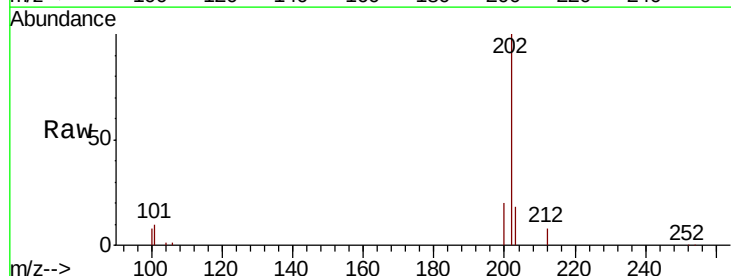
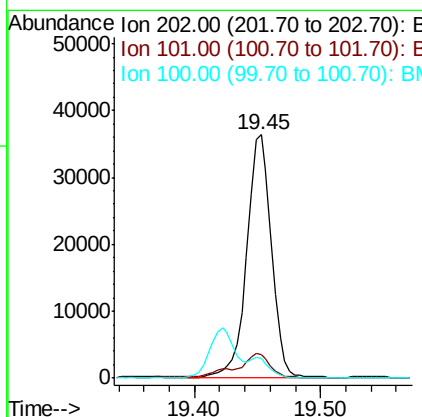
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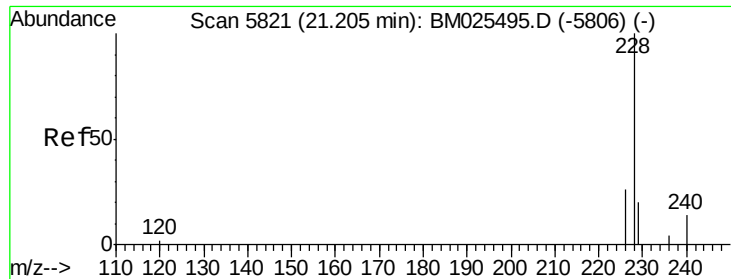
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#17
Pyrene
Concen: 0.518 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	49081		
101	9.5		7.1	10.7
100	7.8		6.0	9.0





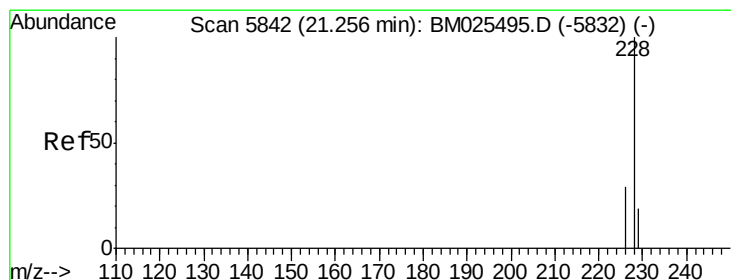
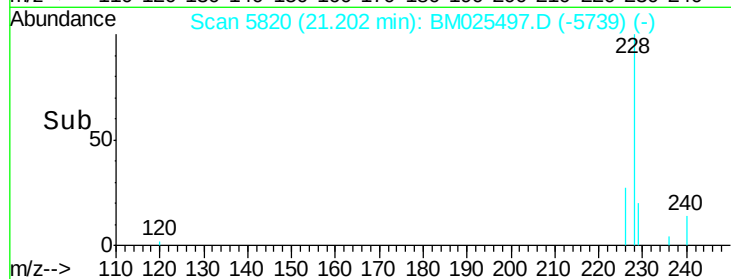
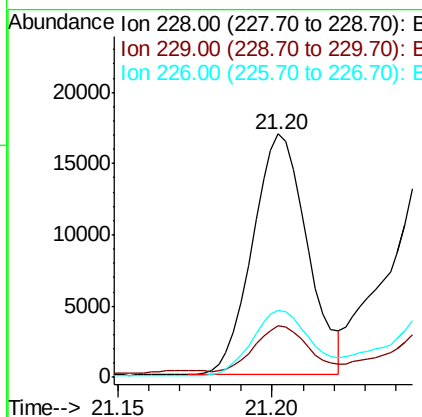
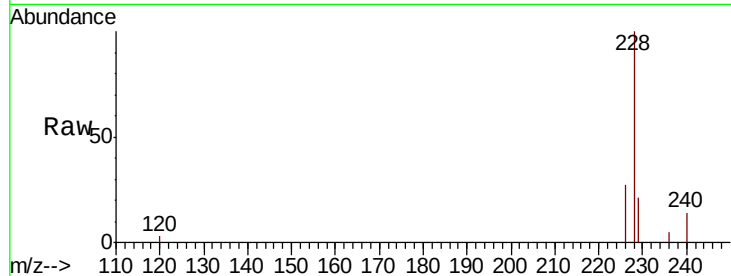
#18
Benzo(a)anthracene
Concen: 0.276 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Instrument :
BNA_M
ClientSampleId :
C0CC5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	27.5	21.1	31.7

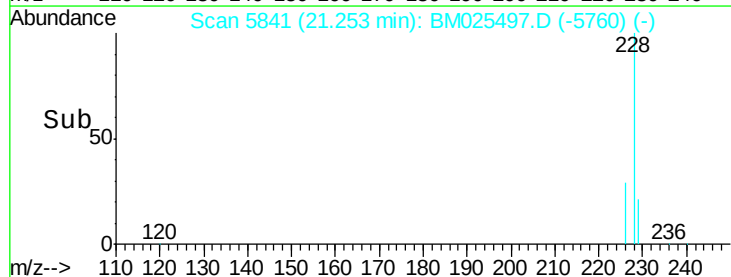
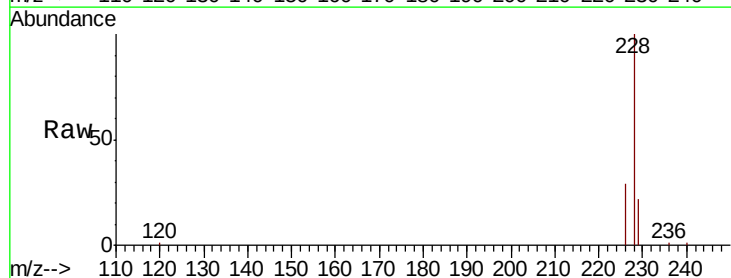
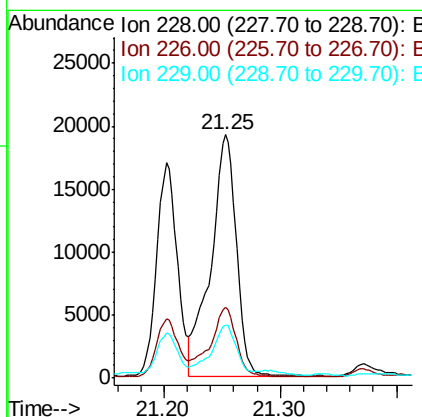
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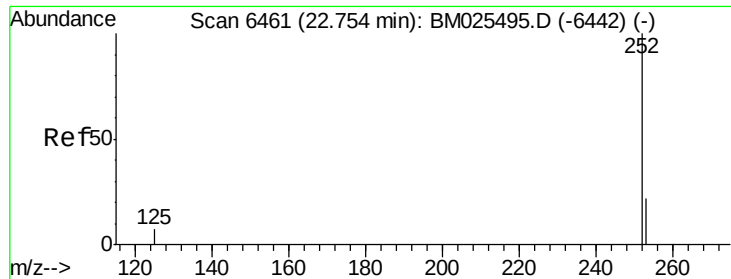
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#19
Chrysene
Concen: 0.346 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	21.7	16.3	24.5





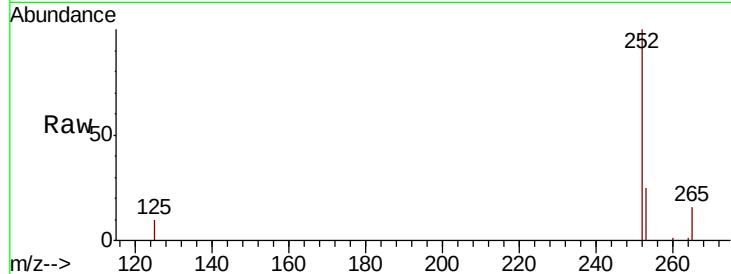
#21
Benzo(b)fluoranthene
Concen: 0.414 ng/ul m
RT: 22.75 min Scan# 6461
Delta R.T. -0.00 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Instrument :
BNA_M
ClientSampleId :
C0CC5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	50.2
125	10.2	0.0	17.6

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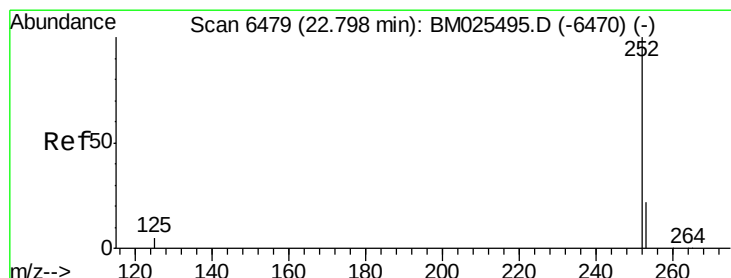
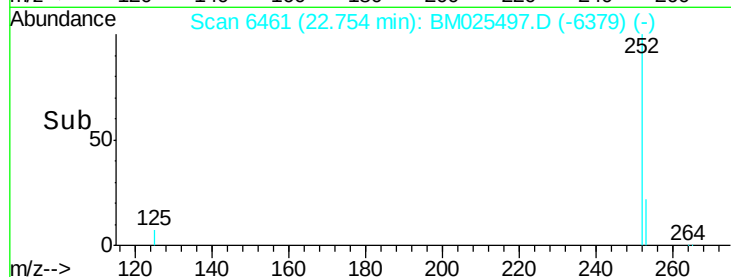
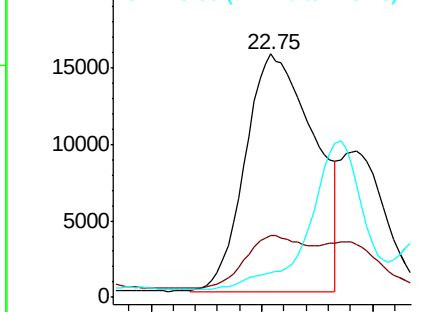


Abundance

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: 0.145 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

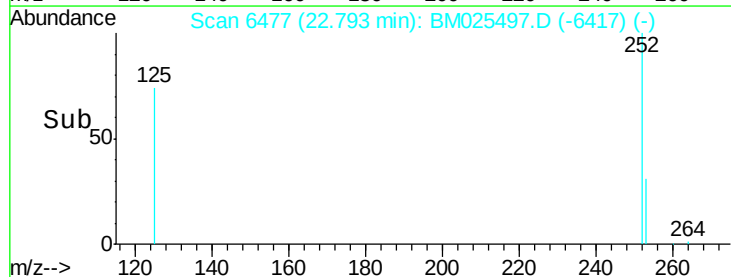
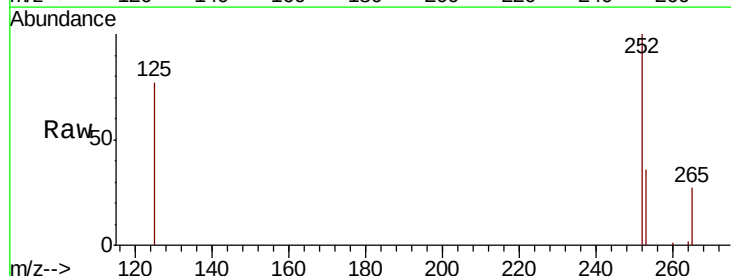
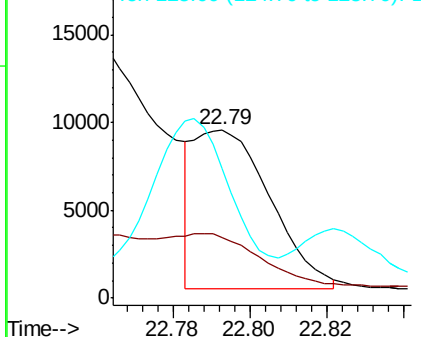
Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.0	19.8	29.8#
125	77.0	7.1	10.7#

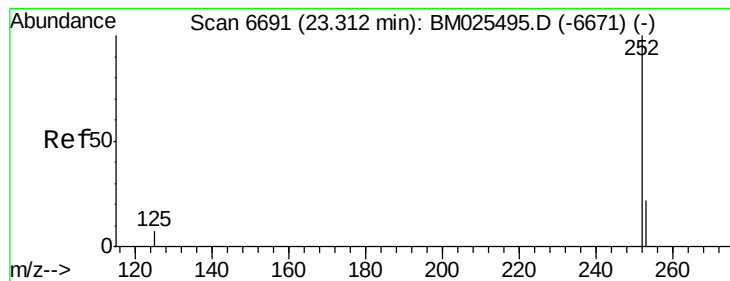
Abundance

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: 0.264 ng/ul

RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Instrument :

BNA_M

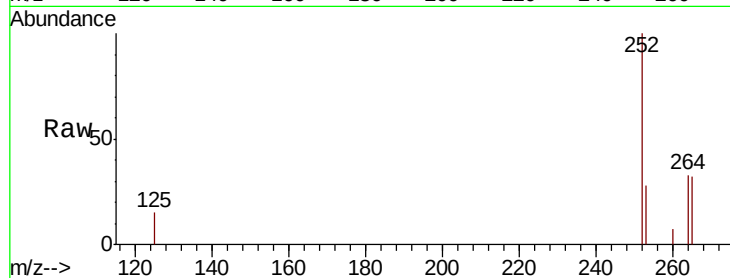
ClientSampleId :

C0CC5

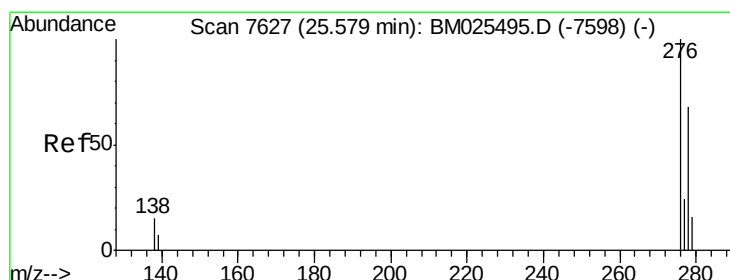
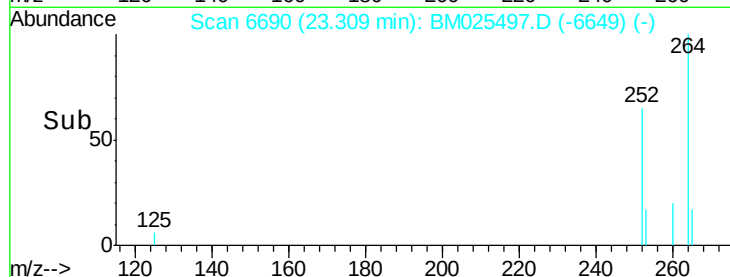
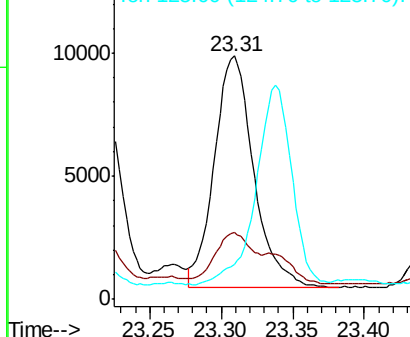
Tot Ion:	252	Resp:	17951
Ion Ratio	Lower	Upper	
252	100		
253	27.7	21.3	31.9
125	14.5	8.5	12.7#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.142 ng/ul

RT: 25.57 min Scan# 7625

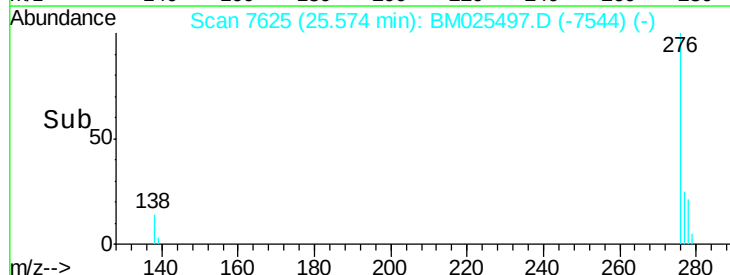
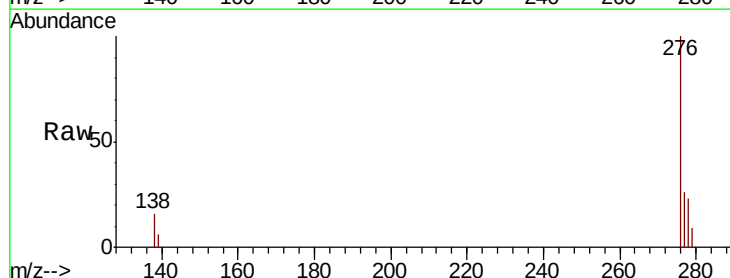
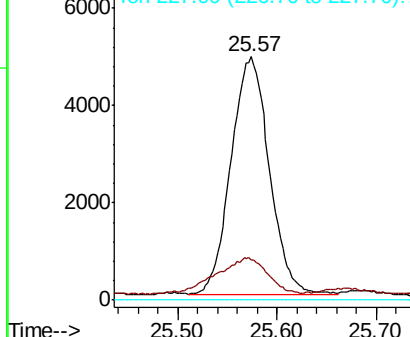
Delta R.T. -0.00 min

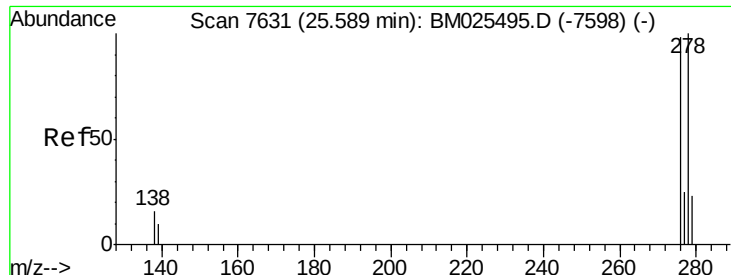
Lab File: BM025497.D

Acq: 11 Mar 2020 18:42

Tgt Ion:	276	Resp:	13111
Ion Ratio	Lower	Upper	
276	100		
138	19.1	12.3	18.5#
227	0.0	0.0	0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





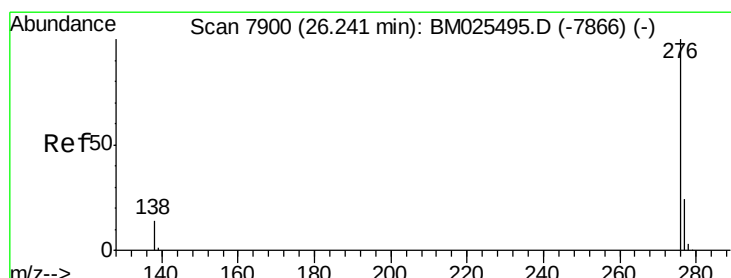
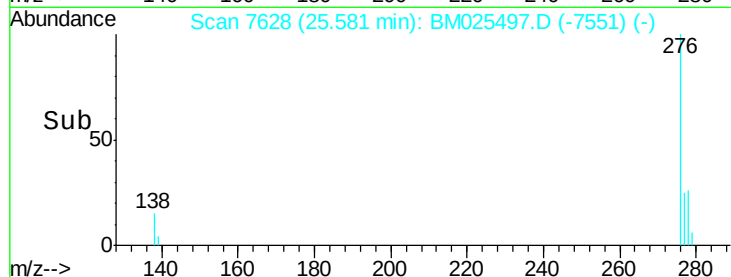
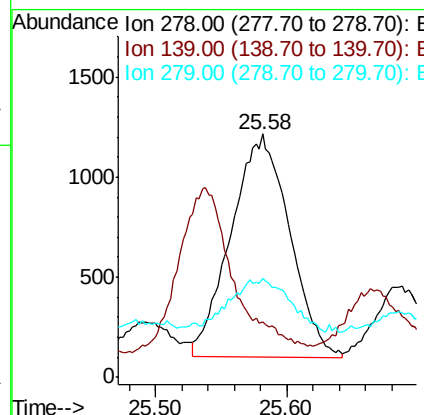
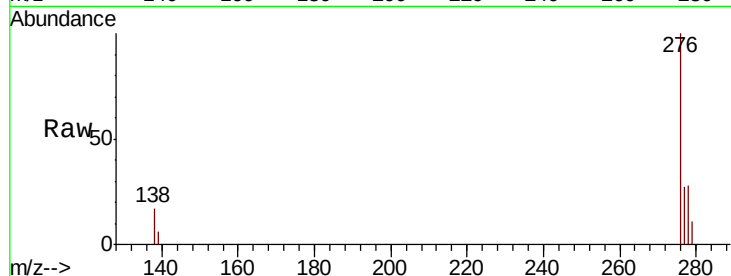
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Instrument :
BNA_M
ClientSampleId :
C0CC5

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.9	9.0	13.6#
279	40.5	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/13/2020 8:49:06 AM



#26
Benzo(g,h,i)perylene
Concen: 0.141 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025497.D
Acq: 11 Mar 2020 18:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	11.0	16.4#
277	25.2	19.8	29.6

