

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025499.D
 Acq On : 11 Mar 2020 19:55
 Operator : CG/JU
 Sample : L1677-09
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB9

Manual Integrations
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mohammad
 3/13/2020 8:49:16 AM

Quant Time: Mar 12 02:13:42 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	4556	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19484	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	13937	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	29936	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	20304	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	20605	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8805	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20907	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	2051	0.036	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	2079	0.050	ng/ul	99
7) Acenaphthylene	14.01	152	3336	0.059	ng/ul	96
9) Fluorene	15.34	166	1486	0.024	ng/ul#	94
12) Phenanthrene	17.07	178	31641	0.334	ng/ul	99
13) Anthracene	17.16	178	7869	0.095	ng/ul	99
15) Fluoranthene	19.09	202	90905	0.884	ng/ul	99
17) Pyrene	19.45	202	74704	0.820	ng/ul	99
18) Benzo(a)anthracene	21.20	228	35396	0.488	ng/ul	98
19) Chrysene	21.25	228	34843	0.427	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	39625m	0.486	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	17134m	0.200	ng/ul	
23) Benzo(a)pyrene	23.31	252	28960	0.427	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	19122	0.208	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	5092	0.066	ng/ul#	79
26) Benzo(a,h,i)perylene	26.23	276	17168	0.215	ng/ul#	97

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

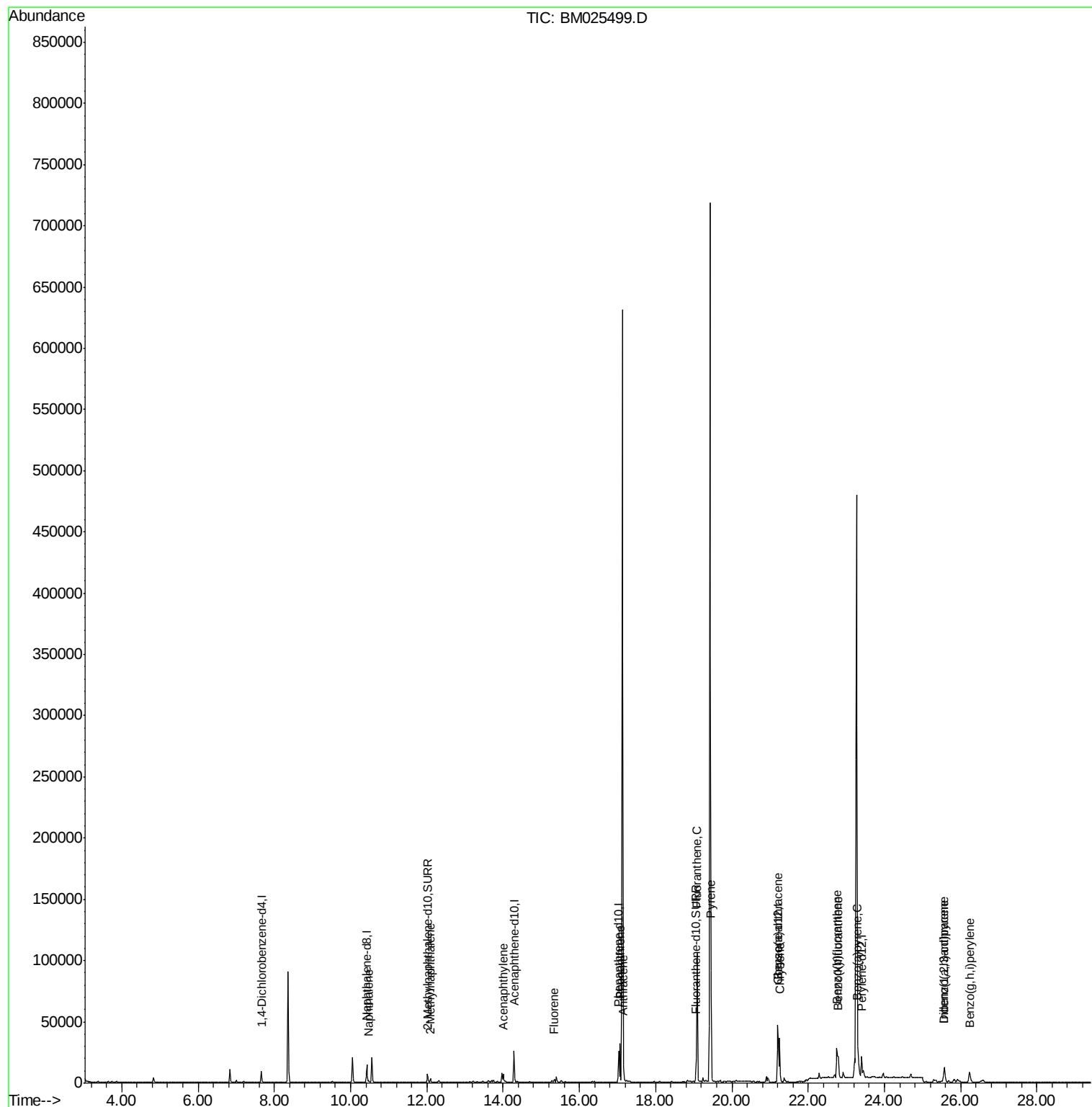
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025499.D
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ALS Vial : 92 Sample Multiplier: 1

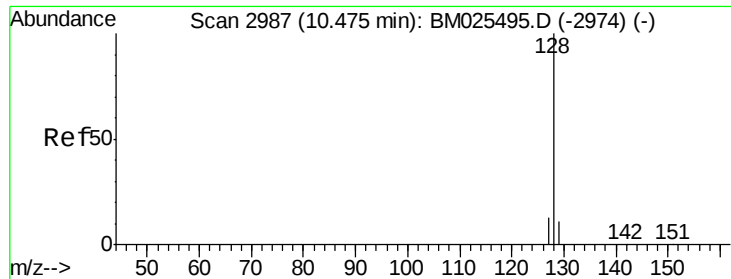
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Instrument :

BNA_M

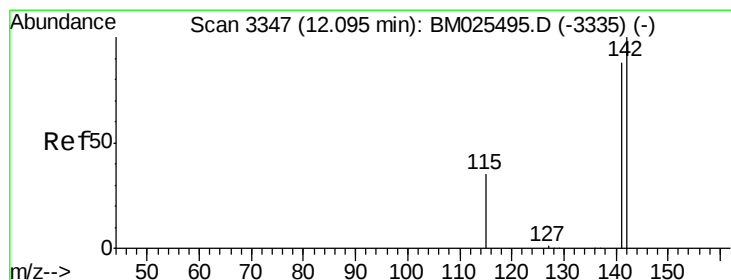
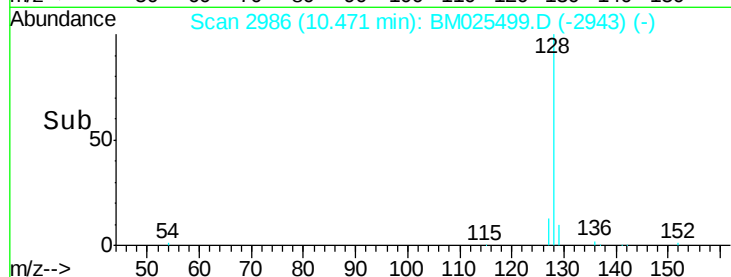
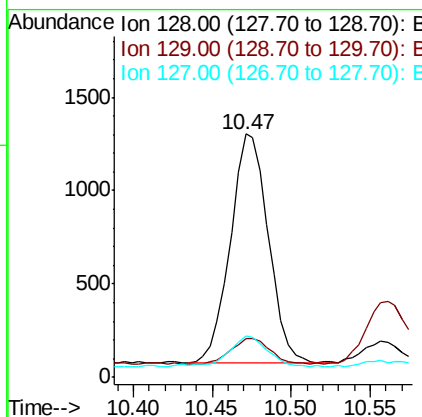
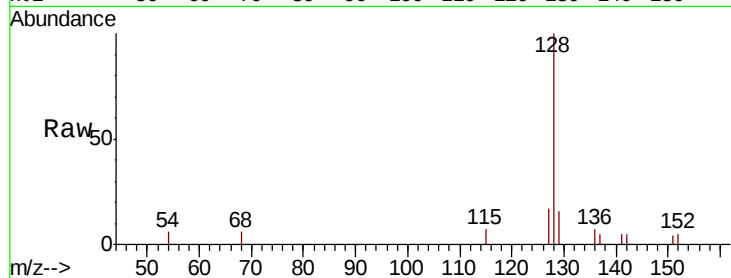
ClientSampleId :

C0CB9

Tot Ion:	128	Resp:	2051
Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.4	14.0#
127	16.9	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

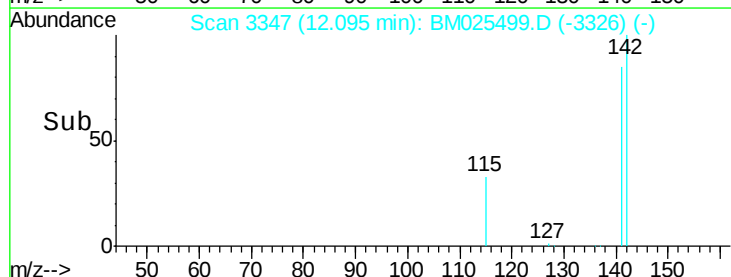
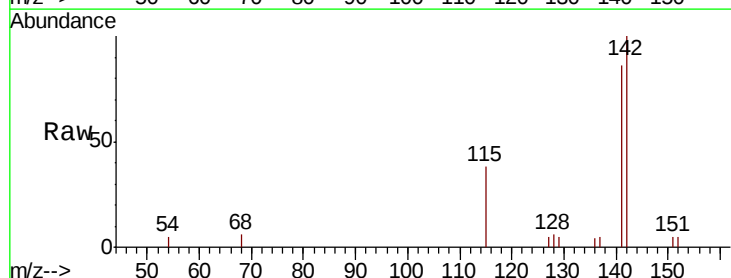
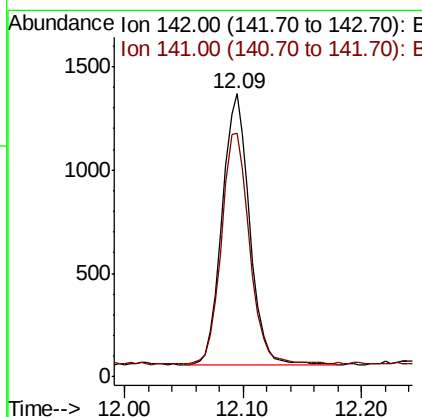
RT: 12.09 min Scan# 3347

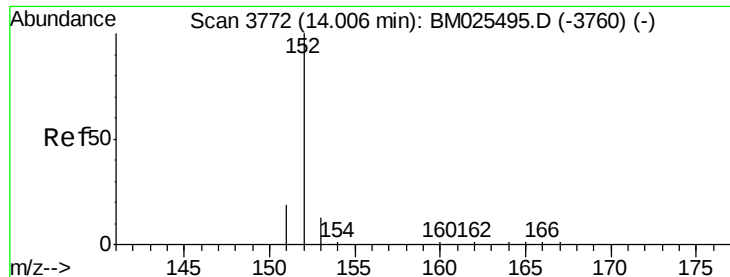
Delta R.T. -0.01 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Tgt Ion:	142	Resp:	2079
Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Instrument :

BNA_M

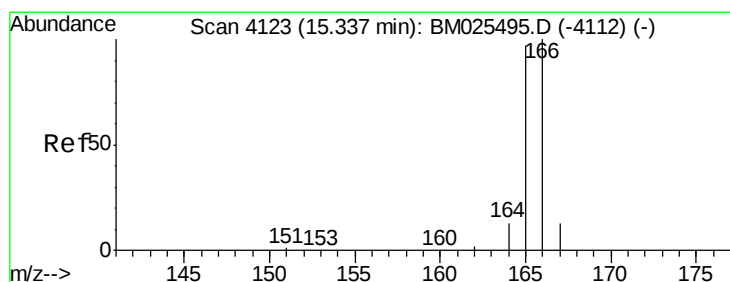
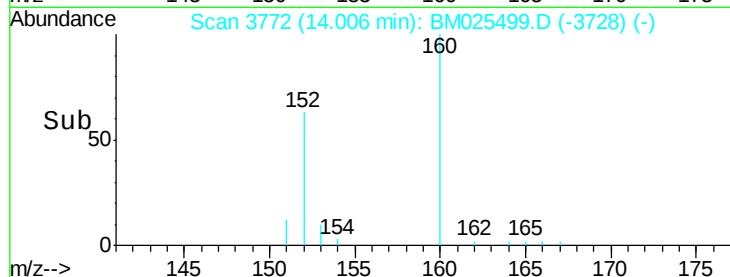
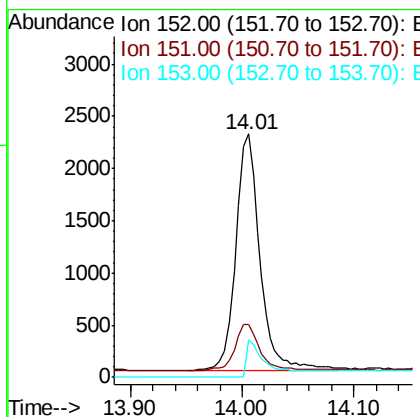
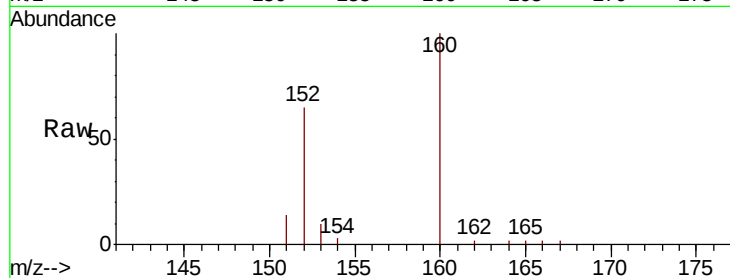
ClientSampleId :

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Tot Ion:	152	Resp:	3336
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.2	24.2
153	15.7	10.6	16.0

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#9

Fluorene

Concen: 0.024 ng/ul

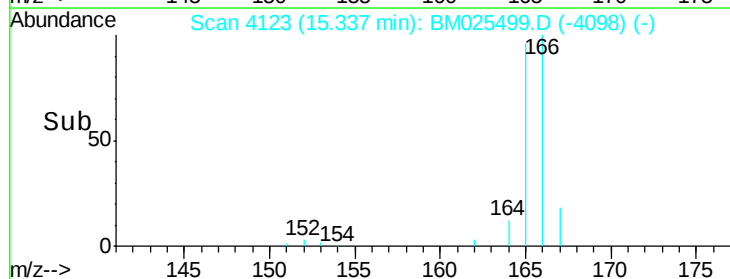
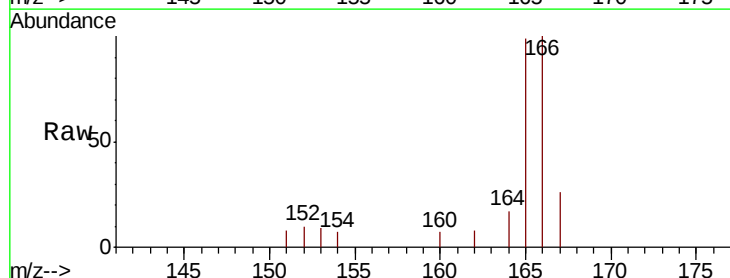
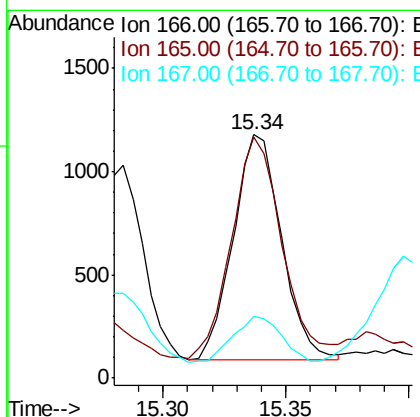
RT: 15.34 min Scan# 4123

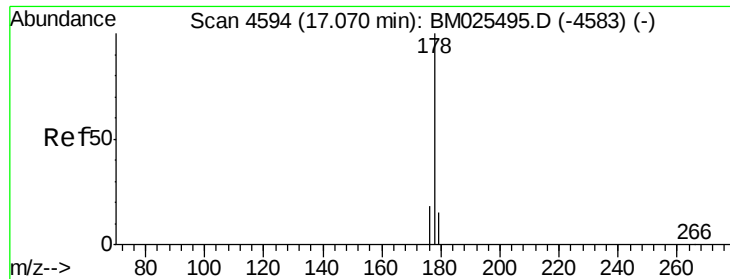
Delta R.T. -0.01 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Tgt Ion:	166	Resp:	1486
Ion Ratio	Lower	Upper	
166	100		
165	99.2	76.8	115.2
167	25.5	11.2	16.8#





#12

Phenanthrene

Concen: 0.334 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Instrument :

BNA_M

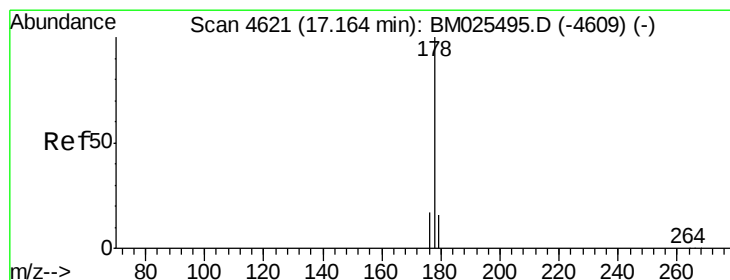
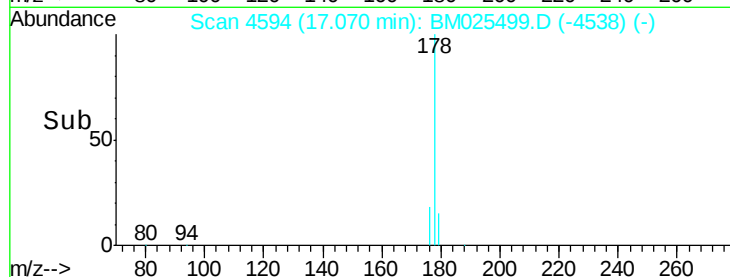
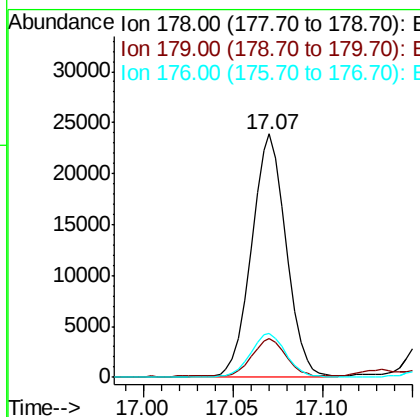
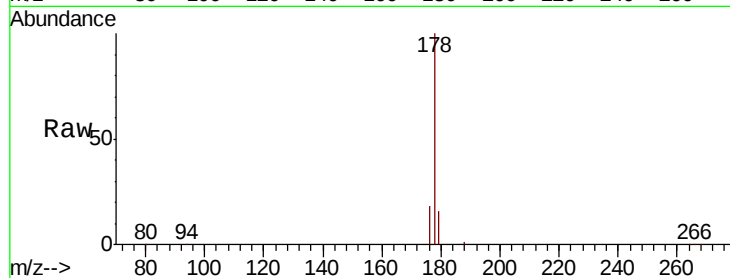
ClientSampleId :

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Tot Ion:	178	Resp:	31641
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	18.1	14.8	22.2

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#13

Anthracene

Concen: 0.095 ng/ul

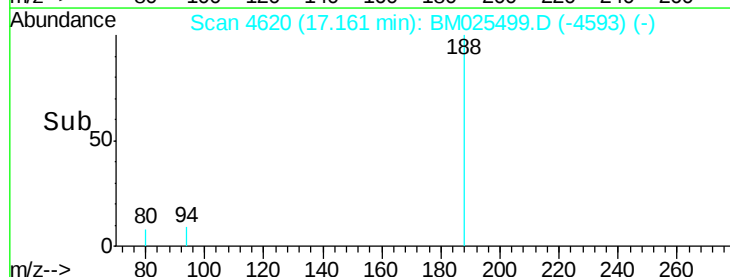
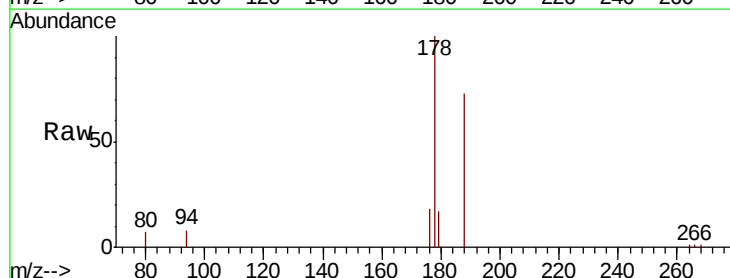
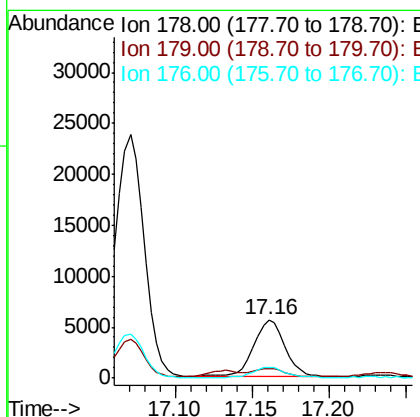
RT: 17.16 min Scan# 4620

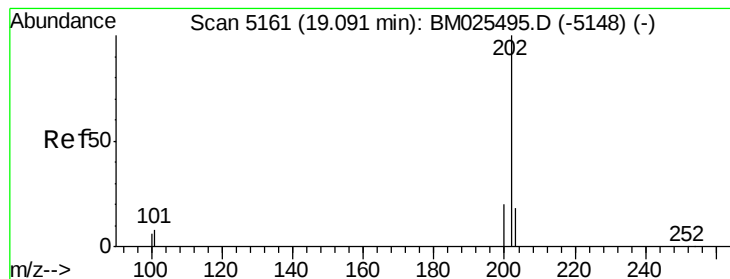
Delta R.T. -0.01 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Tgt Ion:	178	Resp:	7869
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	18.8
176	18.4	14.5	21.7





#15

Fluoranthene

Concen: 0.884 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Instrument :

BNA_M

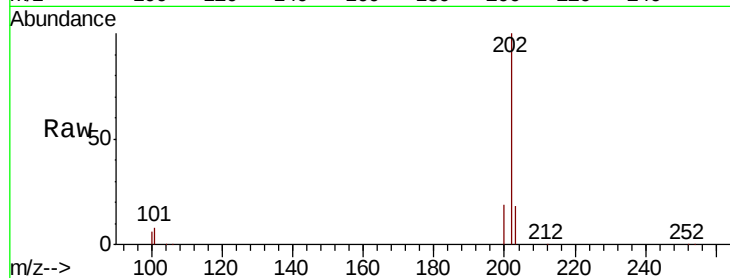
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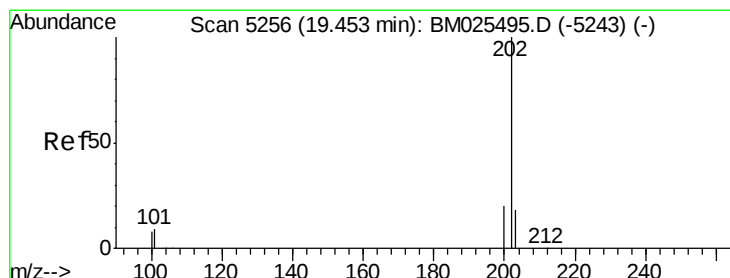
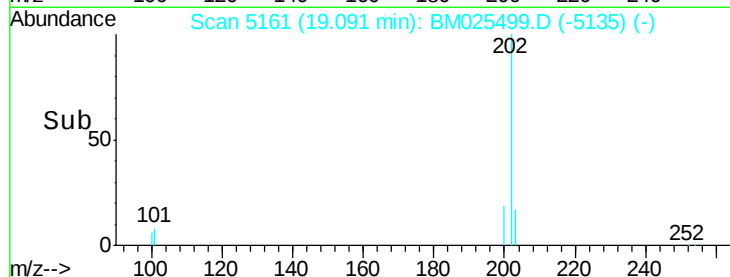
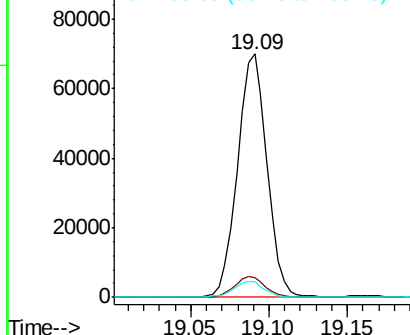
Tot Ion:	202	Resp:	90905
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	27.5
100	6.2	0.0	26.0

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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: 0.820 ng/ul

RT: 19.45 min Scan# 5256

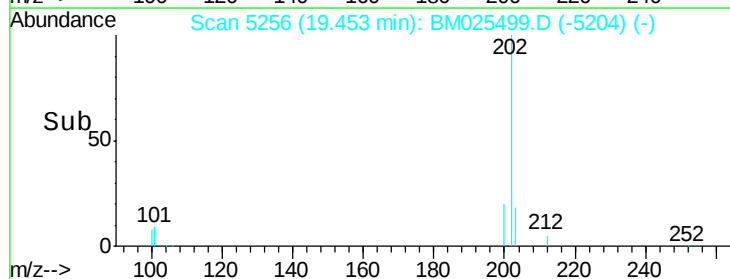
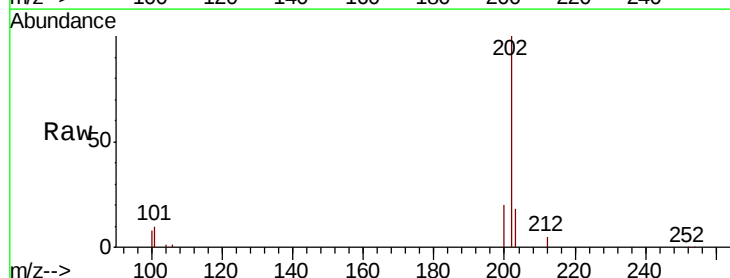
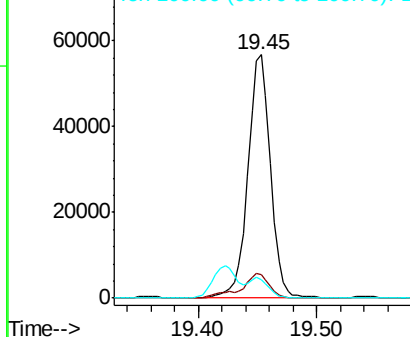
Delta R.T. -0.00 min

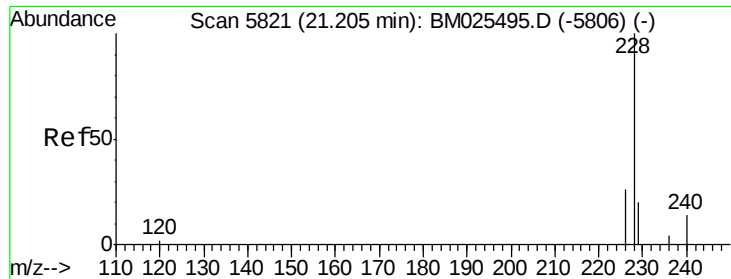
Lab File: BM025499.D

Acq: 11 Mar 2020 19:55

Tgt Ion:	202	Resp:	74704
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.1	10.7
100	7.7	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





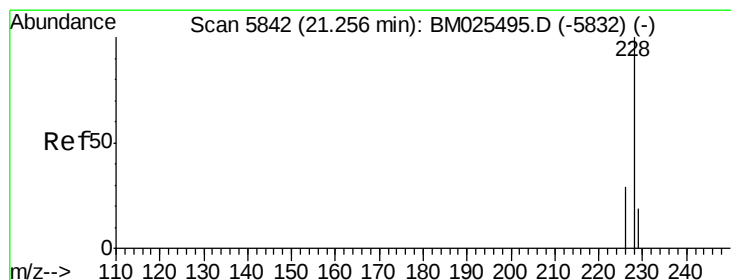
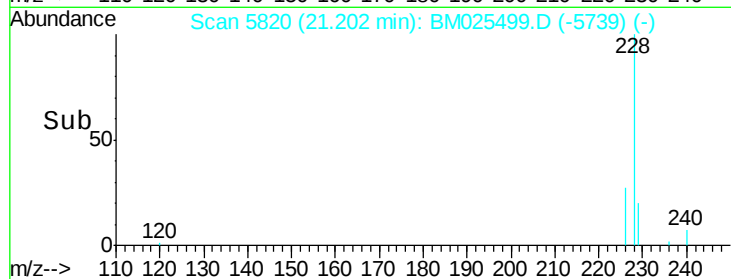
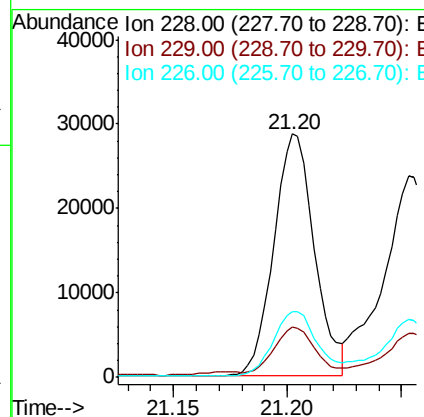
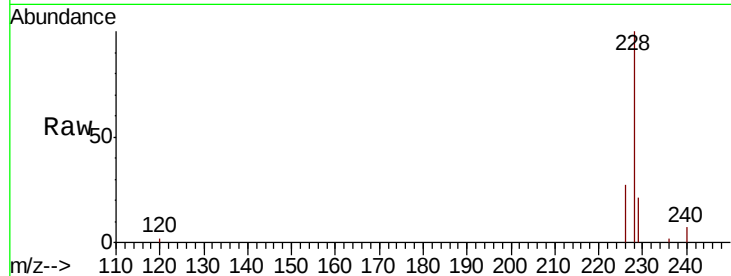
#18
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Instrument :
BNA_M
ClientSampleId :
C0CB9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	27.1	21.1	31.7

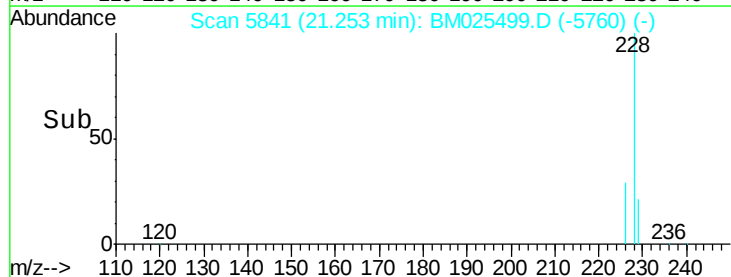
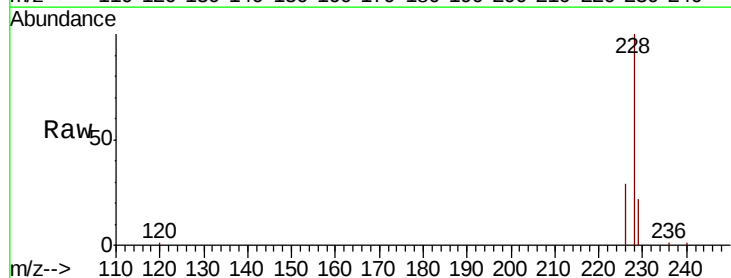
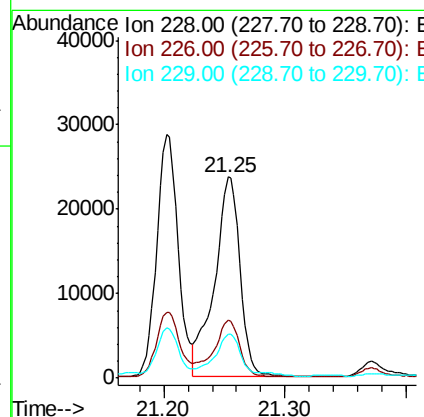
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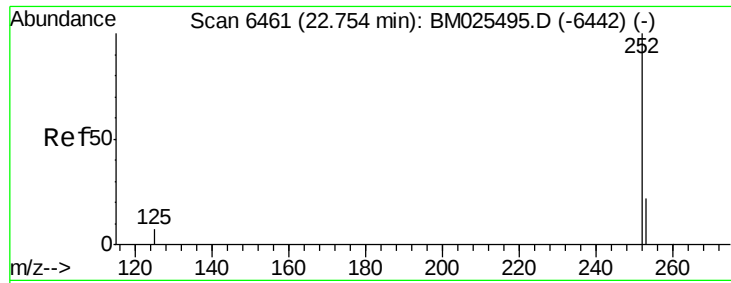
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#19
Chrysene
Concen: 0.427 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.9	16.3	24.5





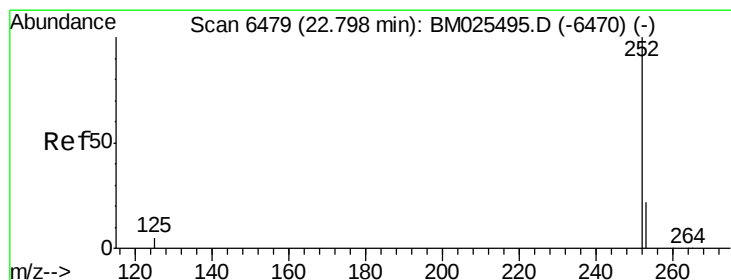
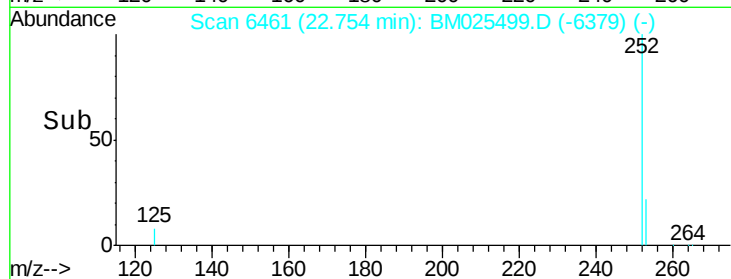
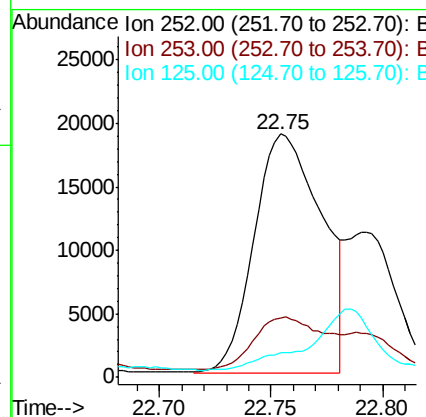
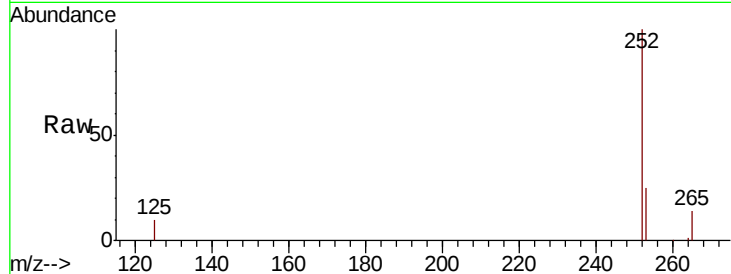
#21
Benzo(b)fluoranthene
Concen: 0.486 ng/ul m
RT: 22.75 min Scan# 6461
Delta R.T. -0.00 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Instrument :
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ClientSampleId :
C0CB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	50.2
125	10.4	0.0	17.6

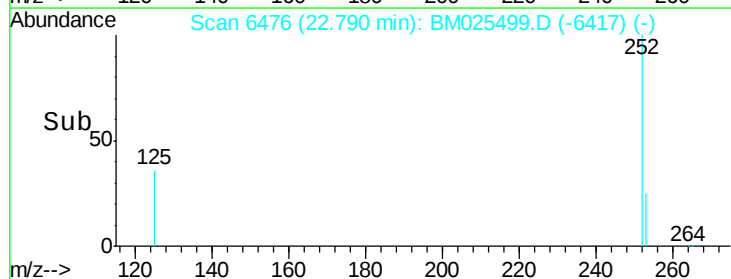
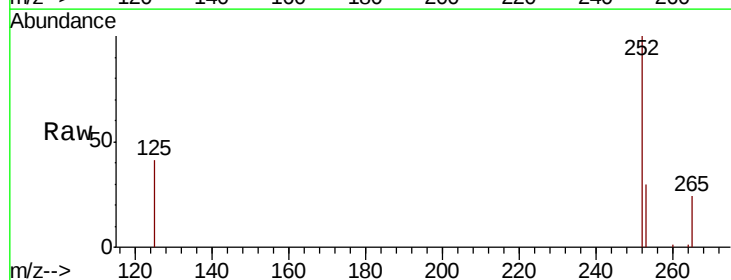
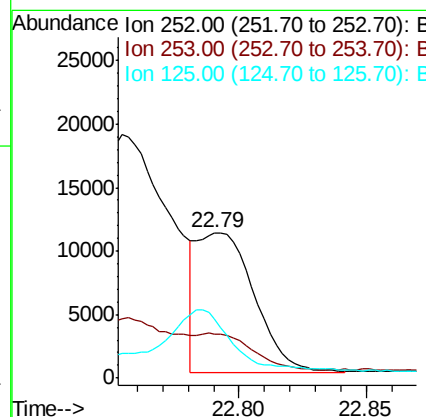
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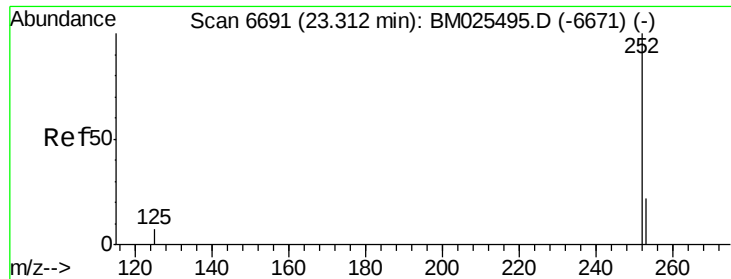
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#22
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	19.8	29.8#
125	40.9	7.1	10.7#





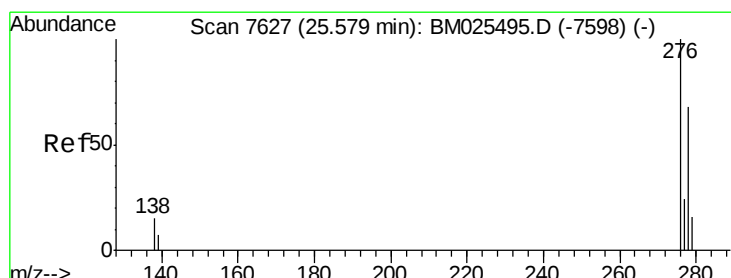
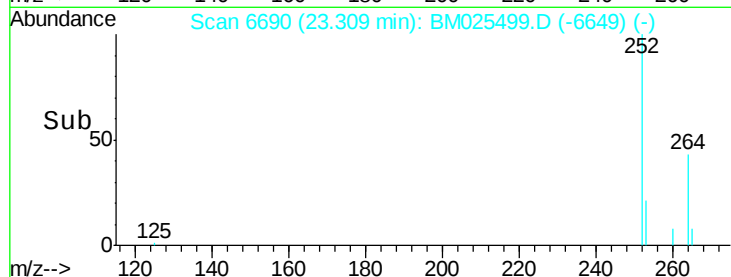
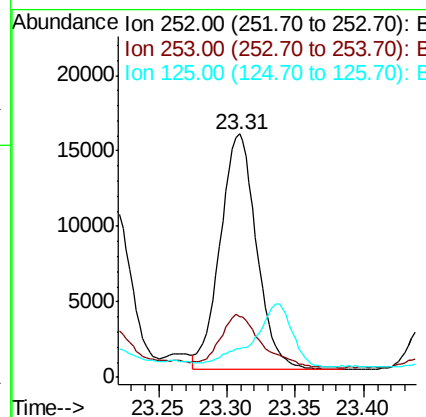
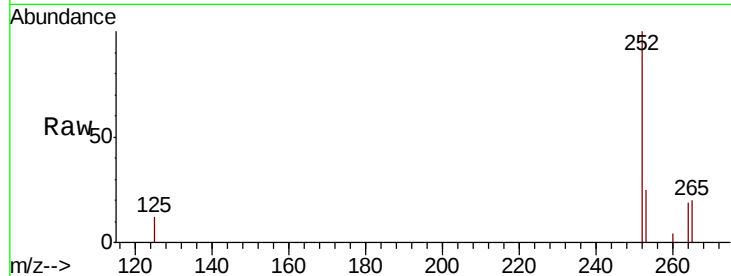
#23
Benzo(a)pyrene
Concen: 0.427 ng/u1
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Instrument :
BNA_M
ClientSampleId :
C0CB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.3	31.9
125	11.8	8.5	12.7

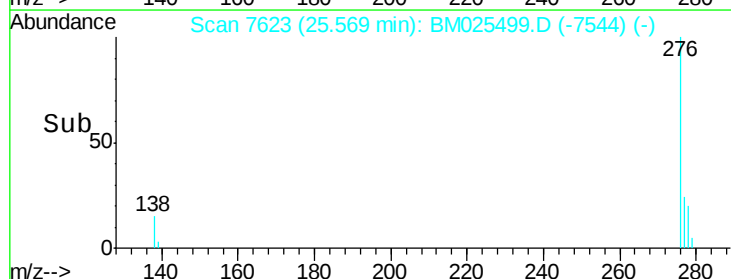
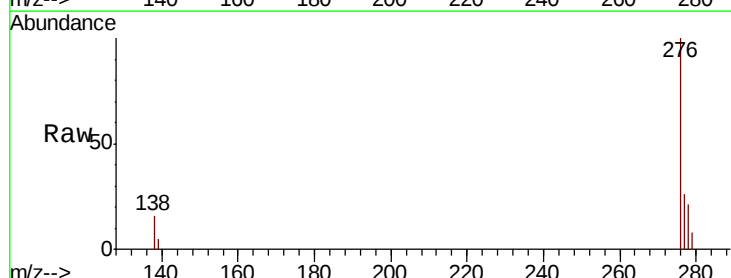
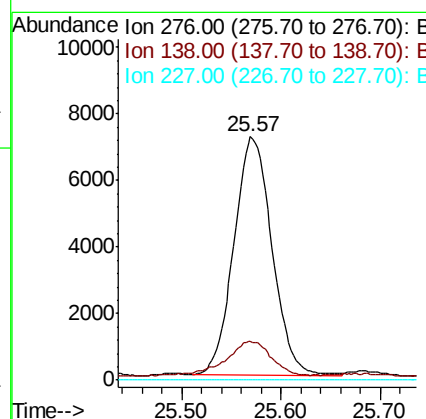
Manual Integrations
APPROVED

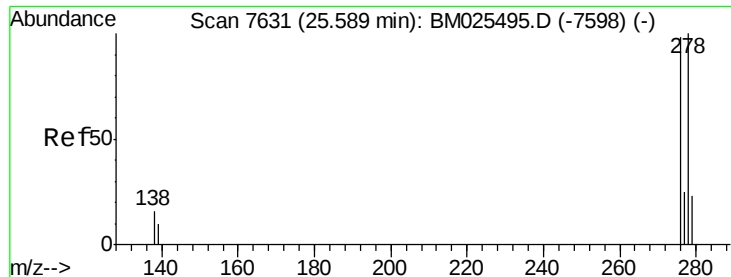
mohammad
3/13/2020 8:49:16 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/u1
RT: 25.57 min Scan# 7623
Delta R.T. -0.01 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.3	18.5
227	0.0	0.0	0.0





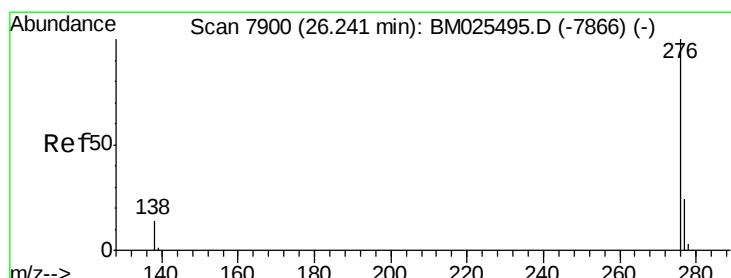
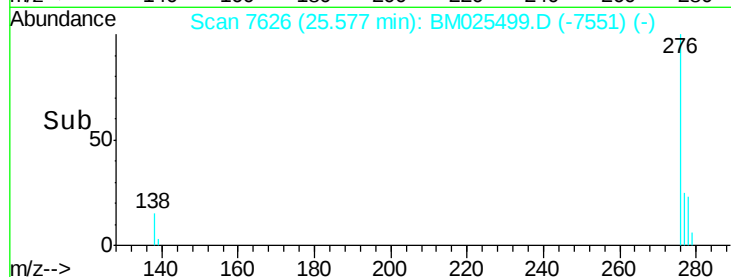
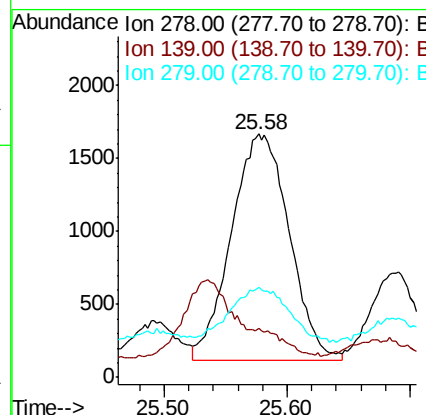
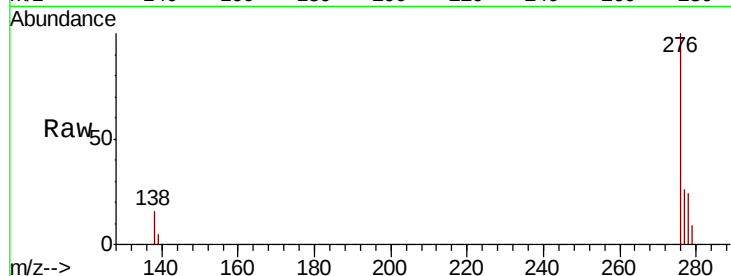
#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.02 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Instrument :
BNA_M
ClientSampleId :
C0CB9

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	9.0	13.6#
279	37.0	21.1	31.7#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul
RT: 26.23 min Scan# 7896
Delta R.T. -0.01 min
Lab File: BM025499.D
Acq: 11 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	11.0	16.4#
277	25.3	19.8	29.6

