

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
 Data File : BM025518.D
 Acq On : 12 Mar 2020 12:17
 Operator : CG/JU
 Sample : L1677-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8

Manual Integrations
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Quant Time: Mar 13 04:45:55 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 : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	12375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8724	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	18530	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	13862	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14053	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4873	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	11274	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	2906	0.079	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	2604	0.099	ng/ul	99
7) Acenaphthylene	14.00	152	4488	0.126	ng/ul#	86
8) Acenaphthene	14.35	153	2416	0.077	ng/ul	97
9) Fluorene	15.33	166	4956	0.130	ng/ul#	98
12) Phenanthrene	17.07	178	82377	1.403	ng/ul	100
13) Anthracene	17.16	178	10491	0.205	ng/ul	98
15) Fluoranthene	19.08	202	146882	2.307	ng/ul	98
17) Pyrene	19.45	202	120511	1.937	ng/ul	98
18) Benzo(a)anthracene	21.20	228	54131	1.092	ng/ul	98
19) Chrysene	21.25	228	59569	1.070	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	74213m	1.334	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	27173m	0.466	ng/ul	
23) Benzo(a)pyrene	23.30	252	47505	1.028	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.56	276	33829	0.540	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.57	278	9212	0.175	ng/ul#	90
26) Benzo(a,h,i)perylene	26.22	276	31562	0.580	ng/ul	98

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

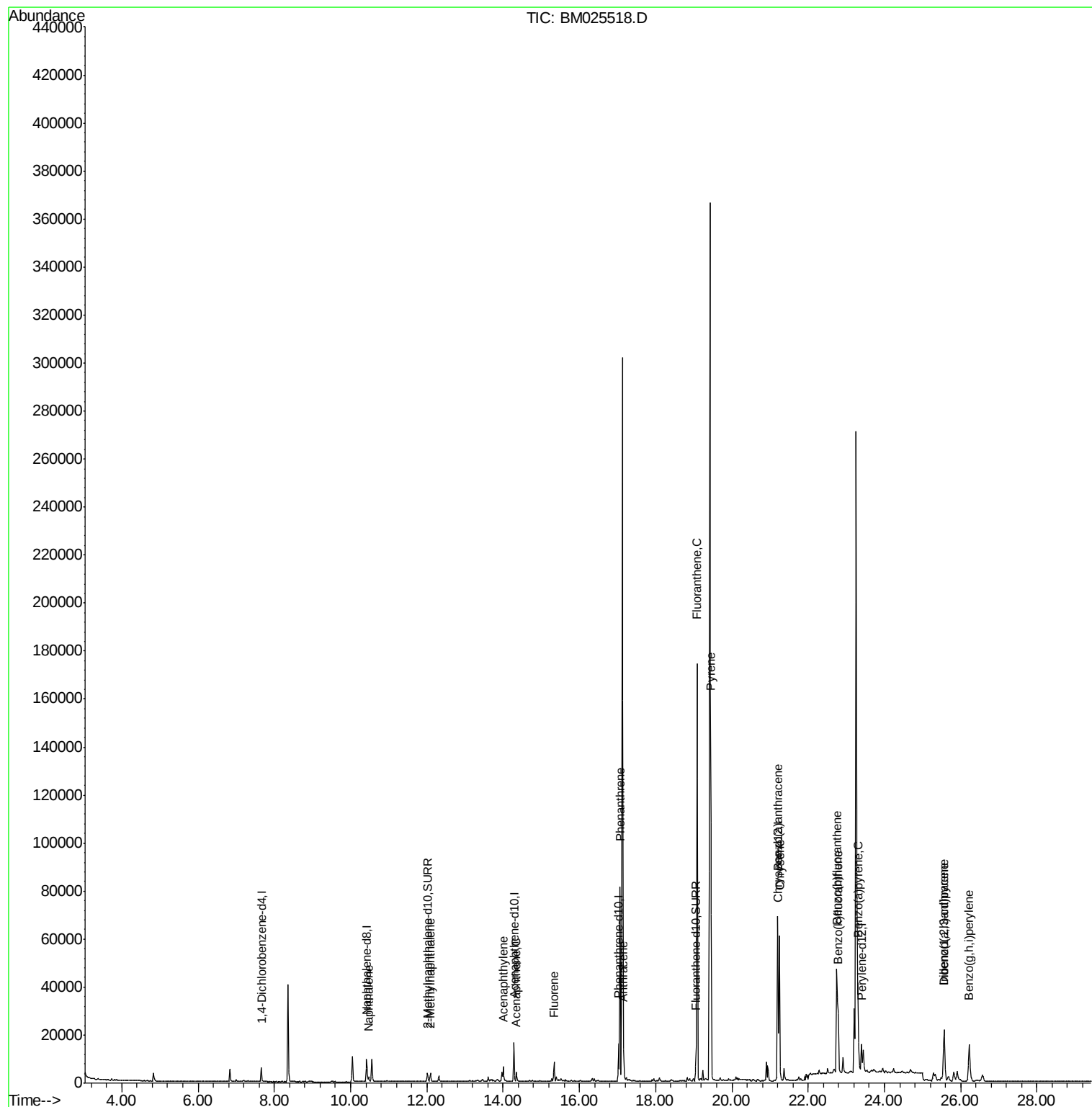
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025518.D
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ALS Vial : 6 Sample Multiplier: 1

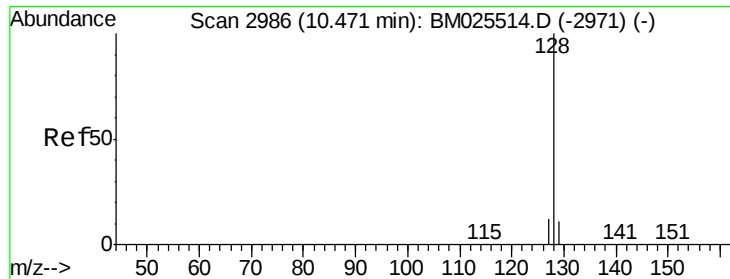
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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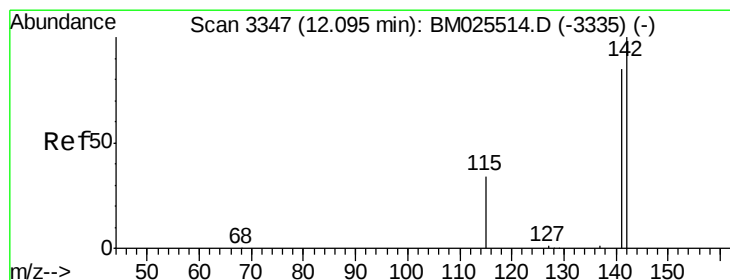
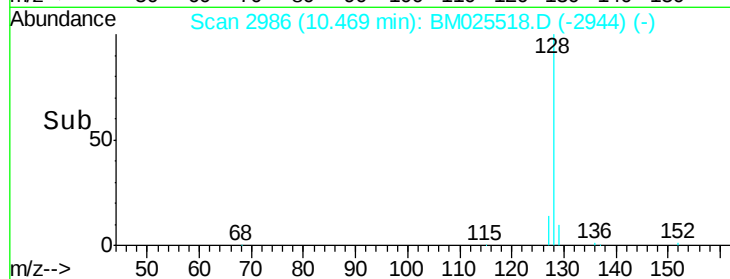
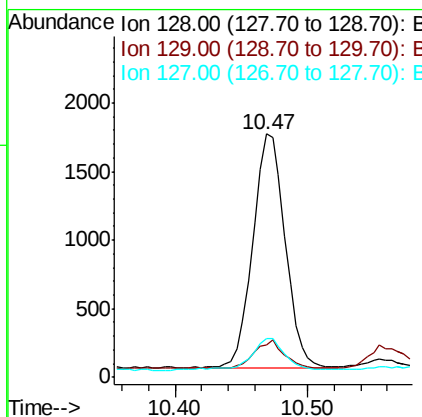
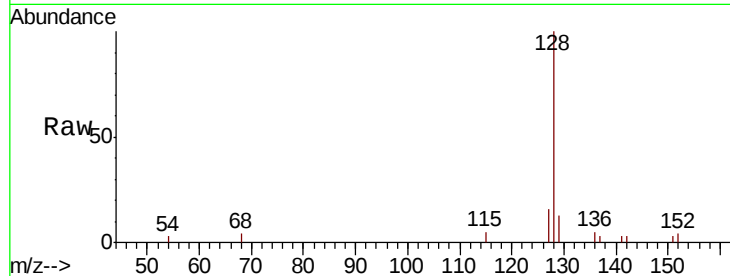
#3
Naphthalene
Concen: 0.079 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM025518.D
Acq: 12 Mar 2020 12:17

Instrument :
BNA_M
ClientSampleId :
C0CB8

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.0
127	15.9	10.9	16.3

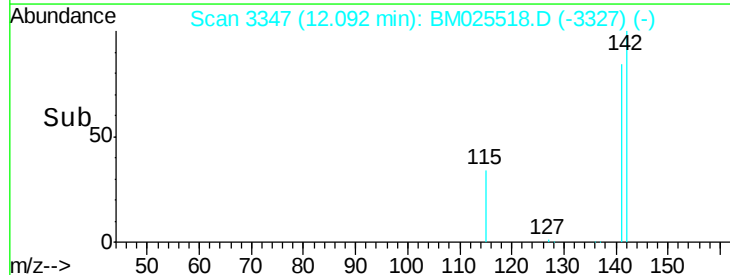
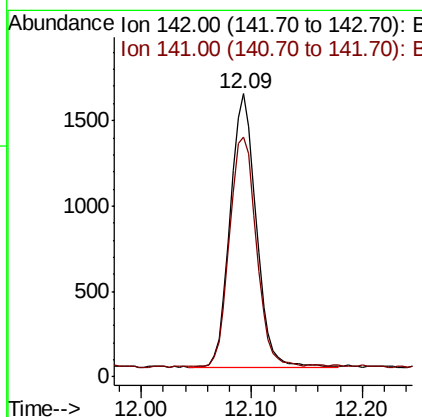
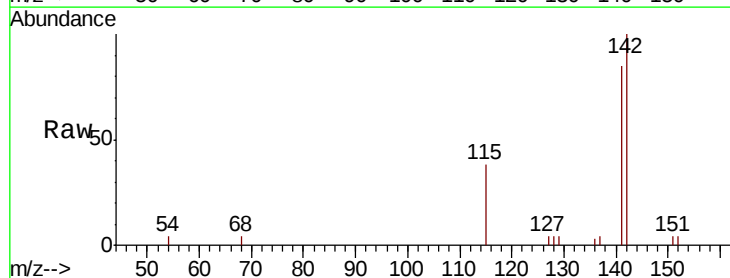
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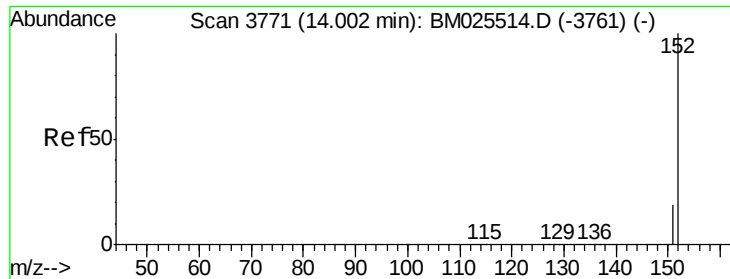
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#5
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM025518.D
Acq: 12 Mar 2020 12:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.8	104.6





#7

Acenaphthylene

Concen: 0.126 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Instrument :

BNA_M

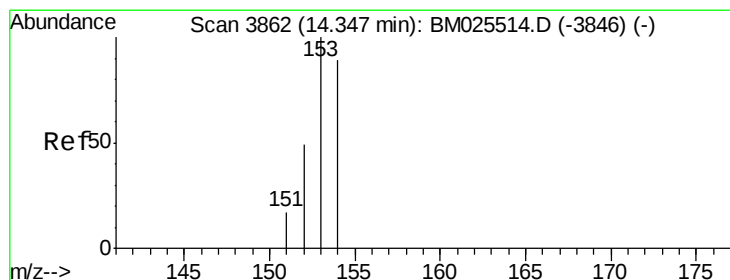
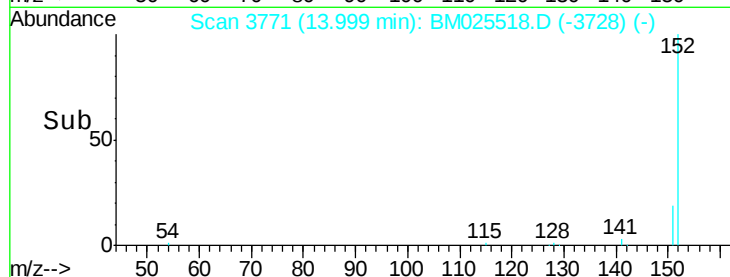
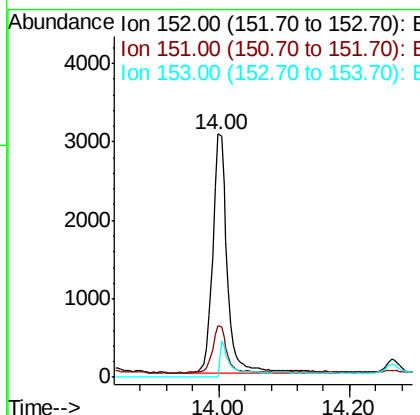
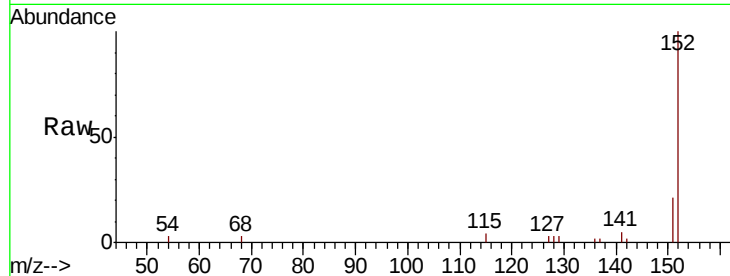
ClientSampleId :

C0CB8

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 0.077 ng/ul

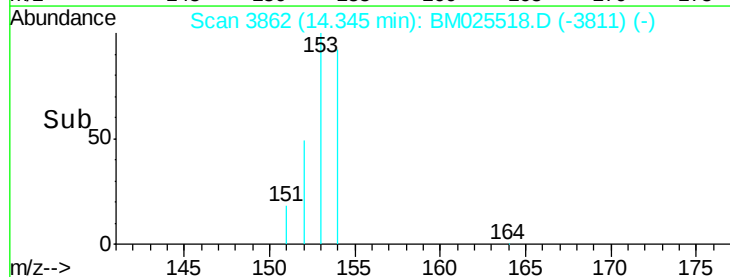
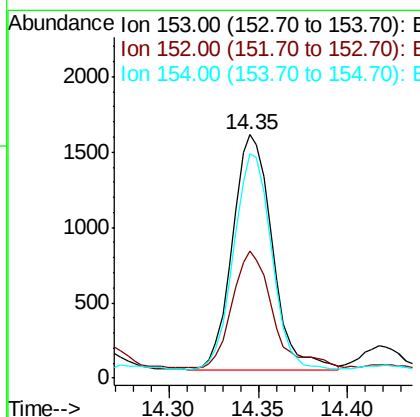
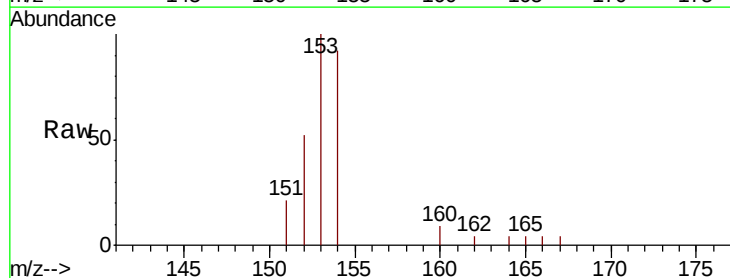
RT: 14.35 min Scan# 3862

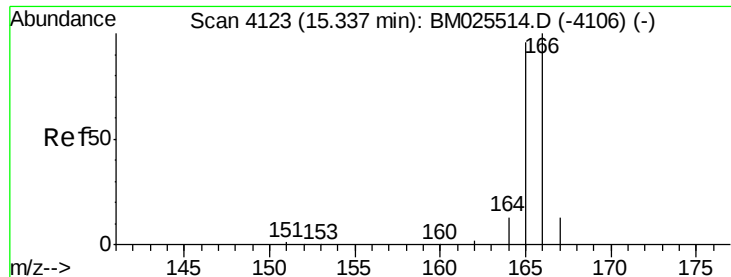
Delta R.T. -0.01 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.1	39.5	59.3
154	92.2	71.7	107.5





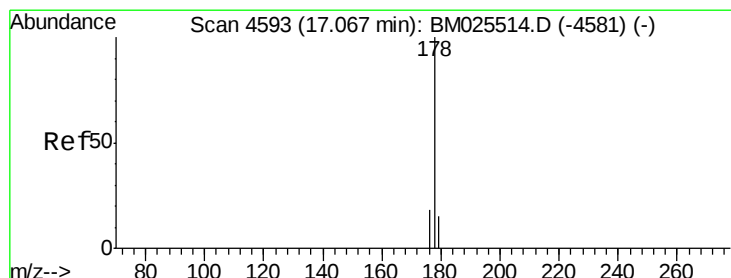
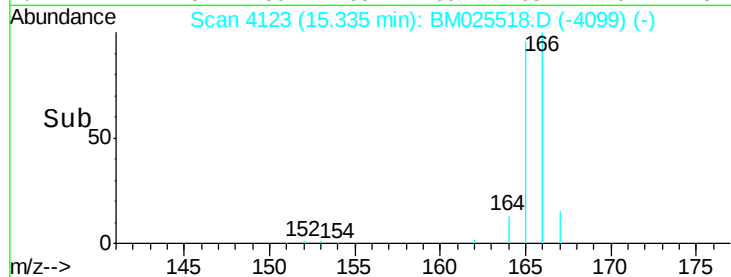
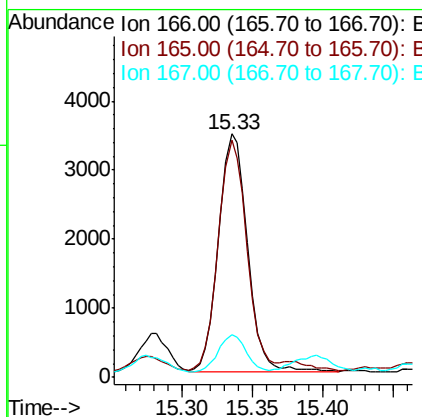
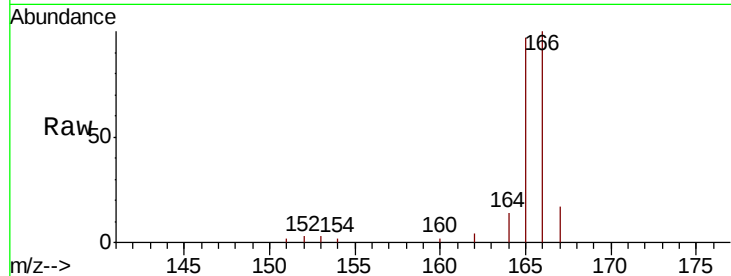
#9
Fluorene
 Concen: 0.130 ng/ul
 RT: 15.33 min Scan# 4123
 Delta R.T. -0.01 min
 Lab File: BM025518.D
 Acq: 12 Mar 2020 12:17

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.2	76.8	115.2	
167	17.4	11.2	16.8	

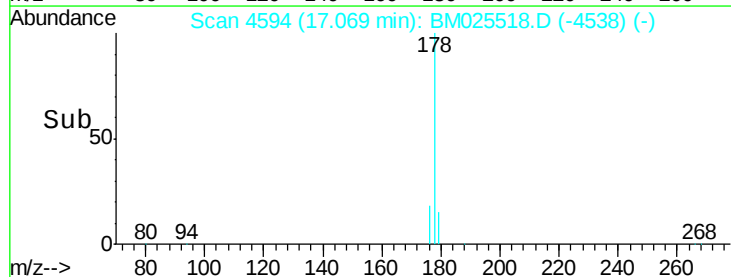
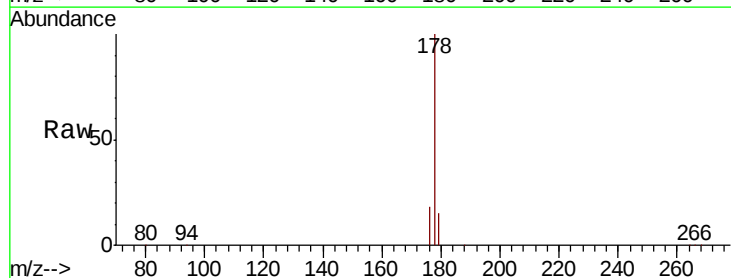
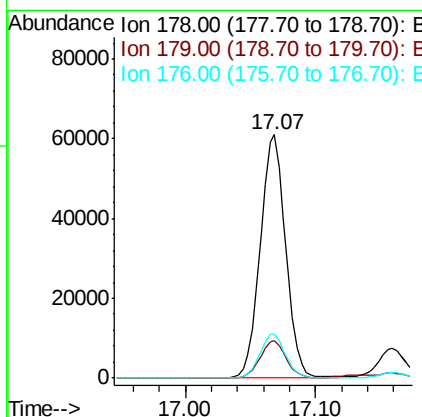
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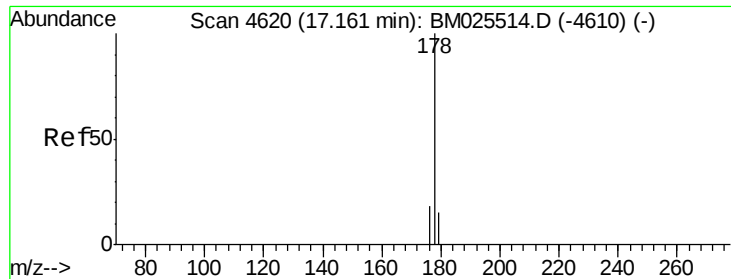
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#12
Phenanthrene
 Concen: 1.403 ng/ul
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.01 min
 Lab File: BM025518.D
 Acq: 12 Mar 2020 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.4	12.4	18.6	
176	18.2	14.8	22.2	





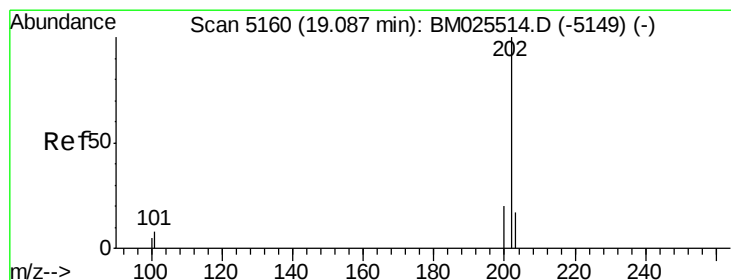
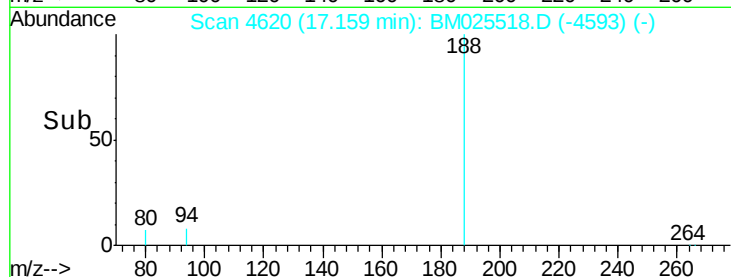
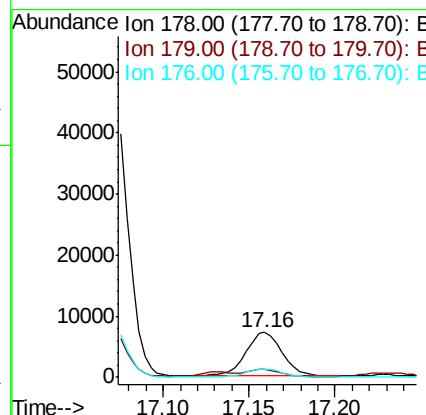
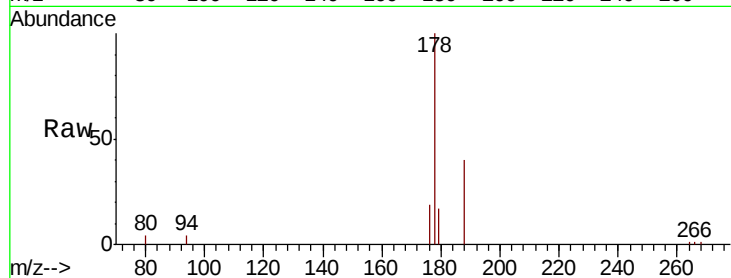
#13
 Anthracene
 Concen: 0.205 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.01 min
 Lab File: BM025518.D
 Acq: 12 Mar 2020 12:17

Instrument :
 BNA_M
 ClientSampled :
 C0CB8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	18.9	14.5	21.7

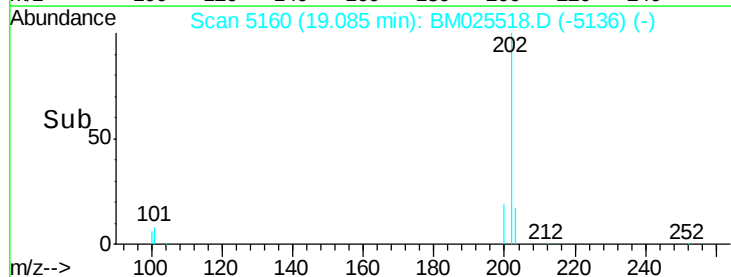
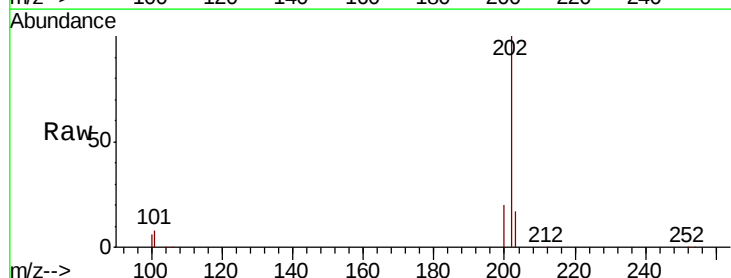
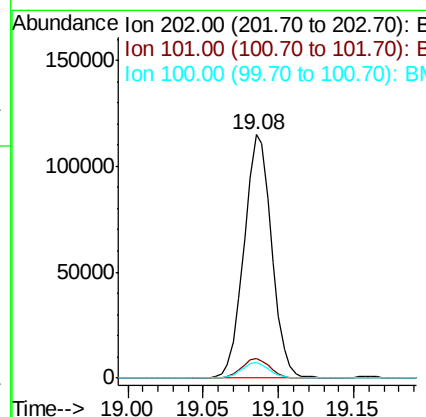
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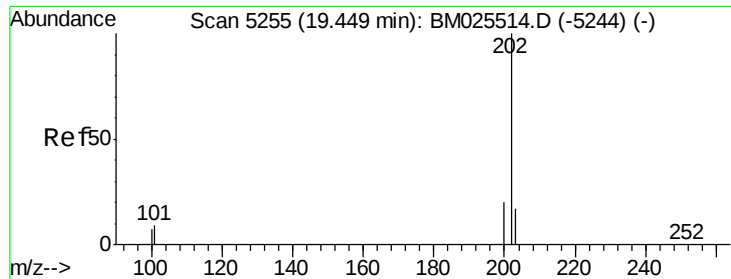
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#15
 Fluoranthene
 Concen: 2.307 ng/ul
 RT: 19.08 min Scan# 5160
 Delta R.T. -0.01 min
 Lab File: BM025518.D
 Acq: 12 Mar 2020 12:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.5
100	6.4	0.0	26.0





#17

Pvrene

Concen: 1.937 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.01 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Instrument :

BNA_M

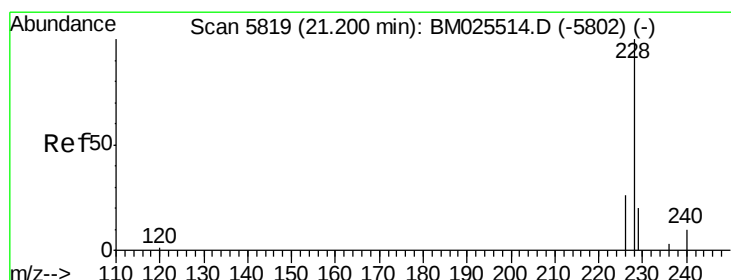
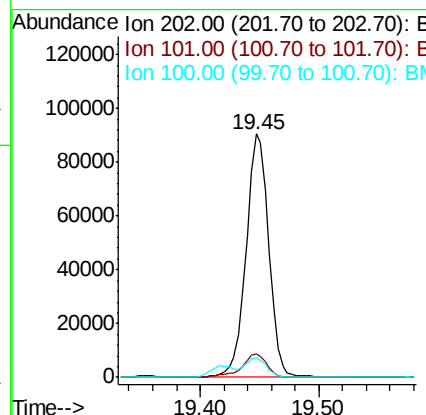
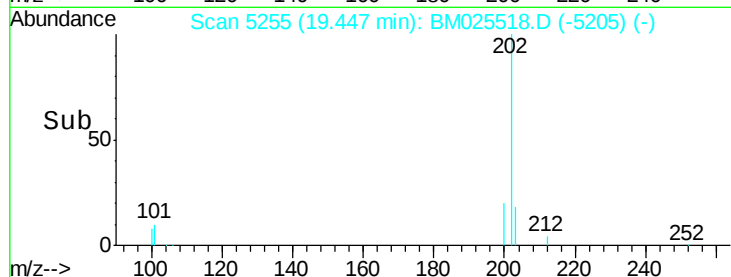
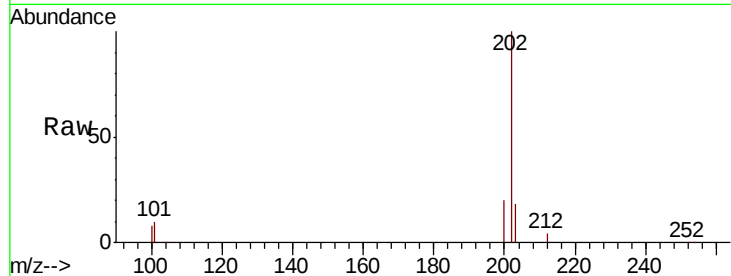
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	7.1	10.7
100	8.0	6.0	9.0

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#18

Benzo(a)anthracene

Concen: 1.092 ng/ul

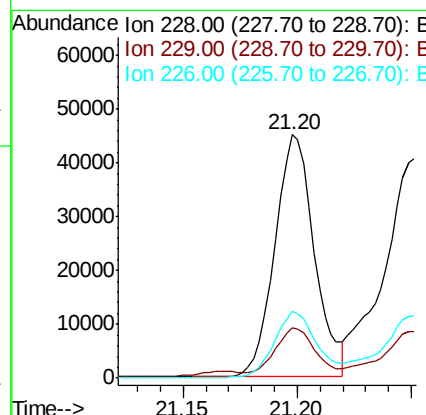
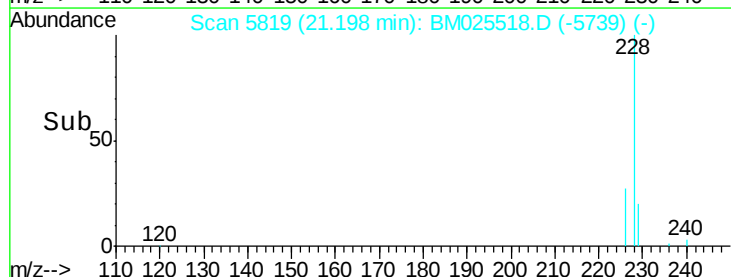
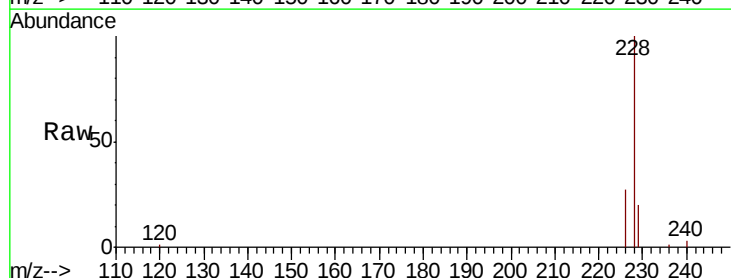
RT: 21.20 min Scan# 5819

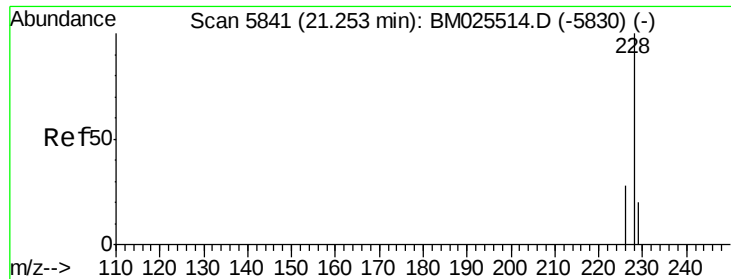
Delta R.T. -0.01 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.6	23.4
226	27.3	21.1	31.7





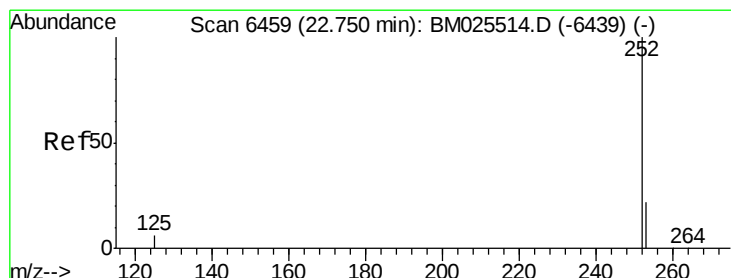
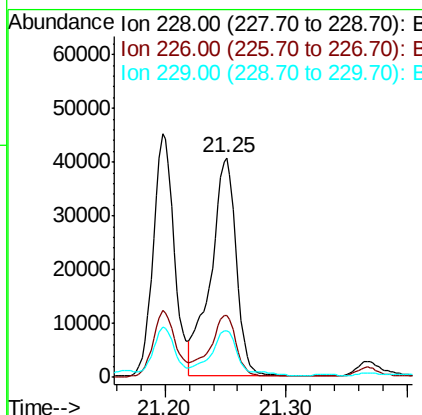
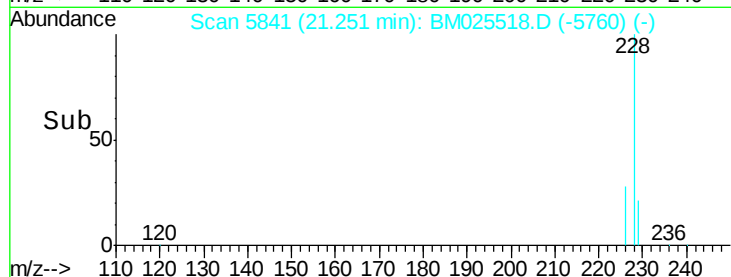
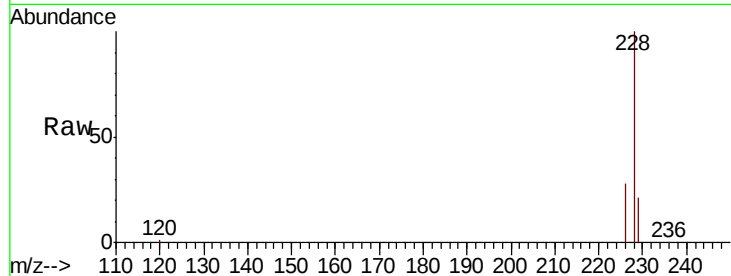
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Chrysene
Concen: 1.070 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025518.D
Acq: 12 Mar 2020 12:17

Instrument :
BNA_M
ClientSampleId :
C0CB8

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	21.3	16.3	24.5

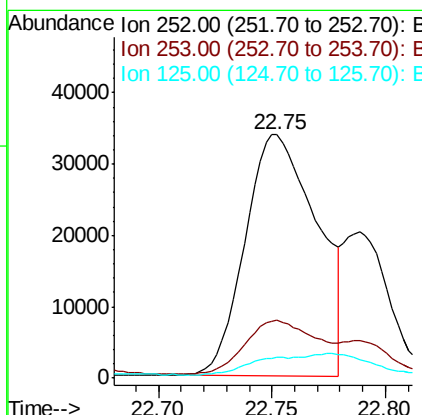
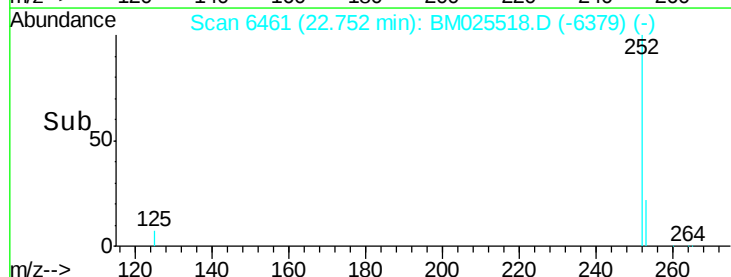
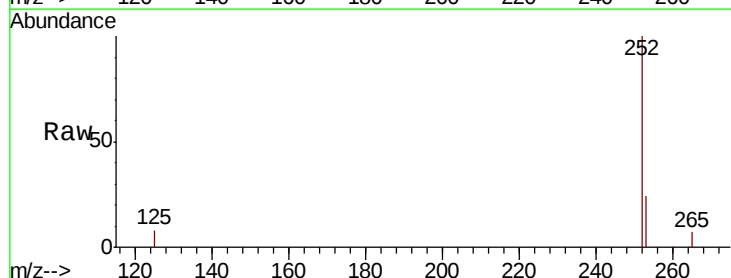
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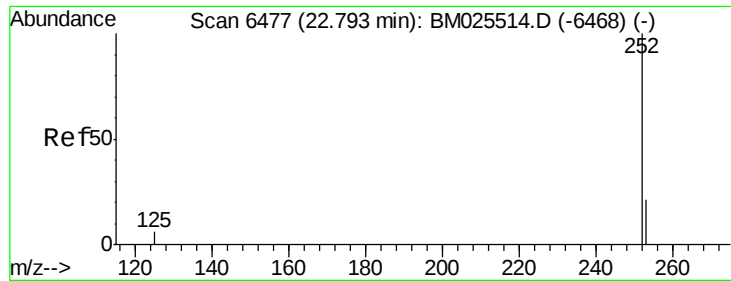
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#21
Benzo(b)fluoranthene
Concen: 1.334 ng/ul m
RT: 22.75 min Scan# 6461
Delta R.T. -0.00 min
Lab File: BM025518.D
Acq: 12 Mar 2020 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	50.2
125	8.4	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.466 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Instrument :

BNA_M

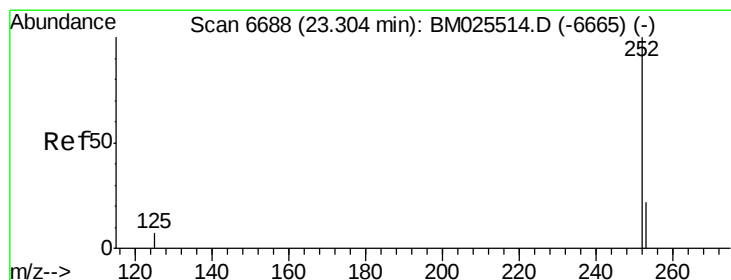
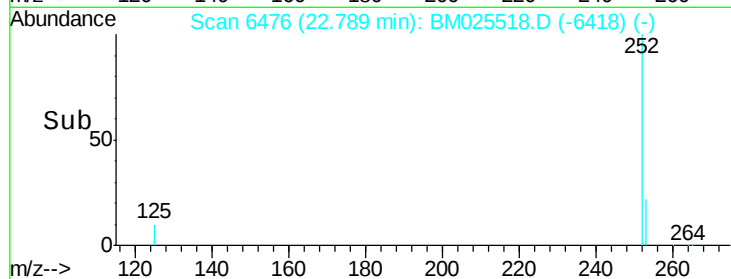
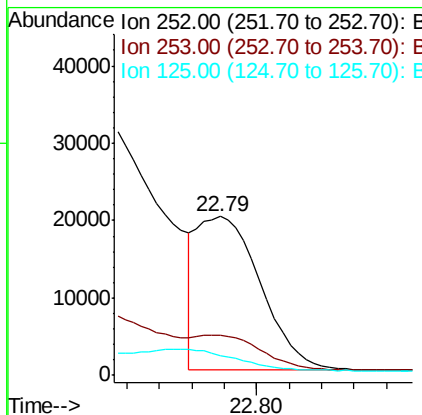
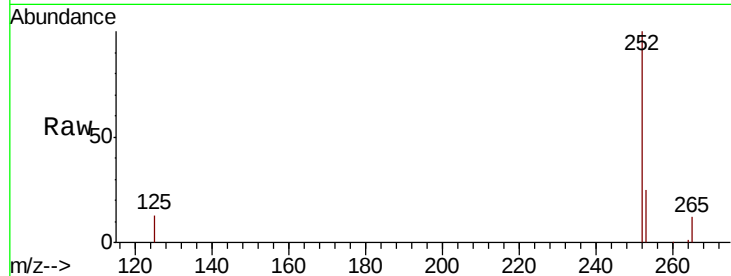
ClientSampleId :

C0CB8

Tot Ion:	252	Resp:	27173
Ion Ratio	Lower	Upper	
252	100		
253	25.4	19.8	29.8
125	12.5	7.1	10.7

Manual Integrations
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#23

Benzo(a)pyrene

Concen: 1.028 ng/ul

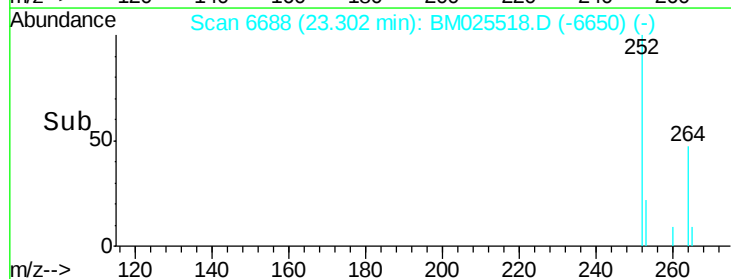
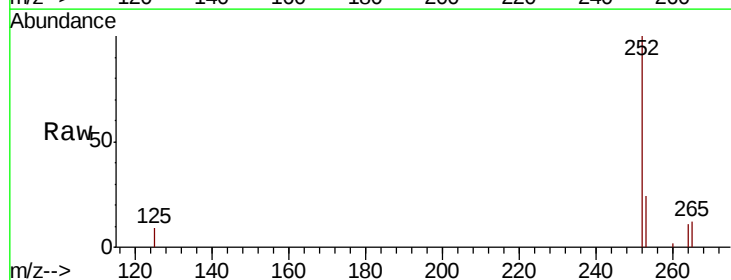
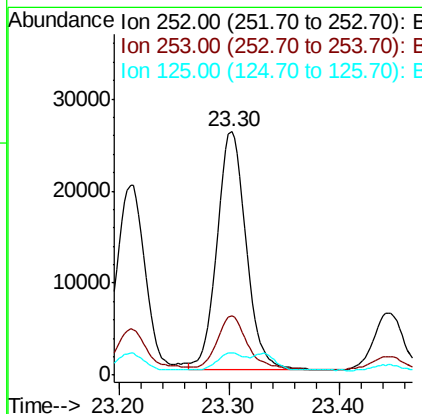
RT: 23.30 min Scan# 6688

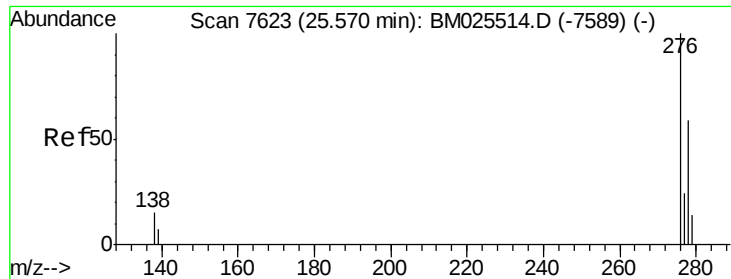
Delta R.T. -0.01 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Tgt Ion:	252	Resp:	47505
Ion Ratio	Lower	Upper	
252	100		
253	24.1	21.3	31.9
125	9.2	8.5	12.7





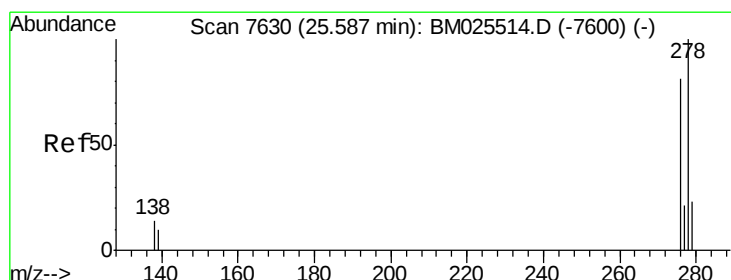
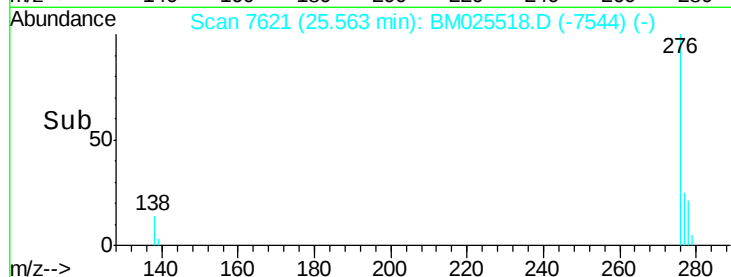
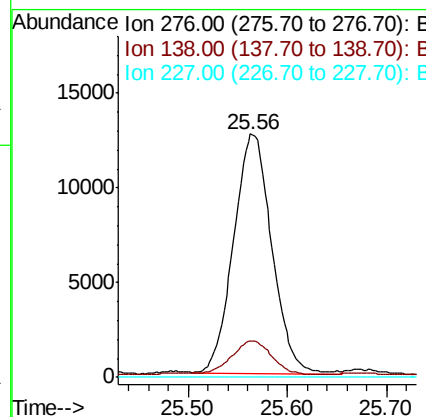
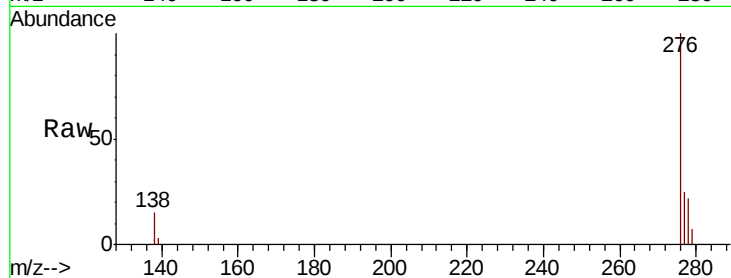
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.540 ng/ul
RT: 25.56 min Scan# 7621
Delta R.T. -0.01 min
Lab File: BM025518.D
Acq: 12 Mar 2020 12:17

Instrument :
BNA_M
ClientSampleId :
C0CB8

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.3	18.5
227	0.0	0.0	0.0

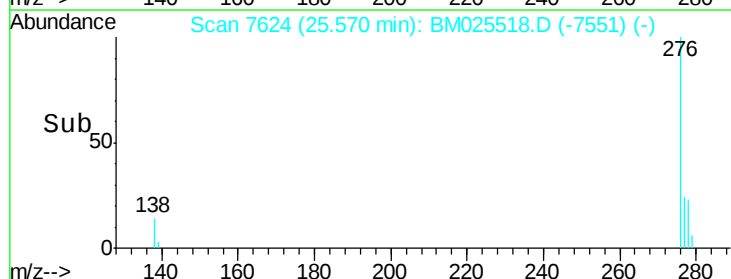
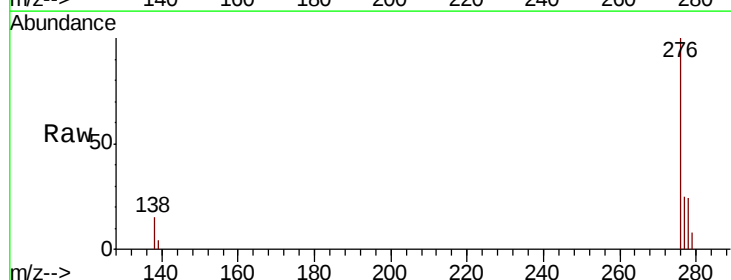
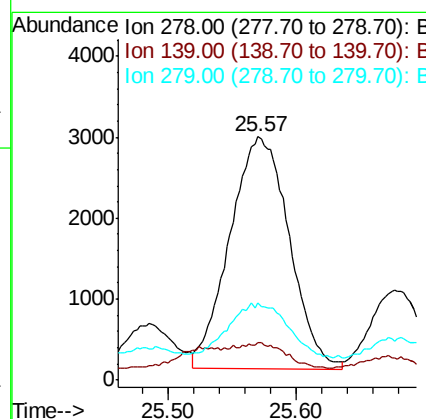
Manual Integrations
APPROVED

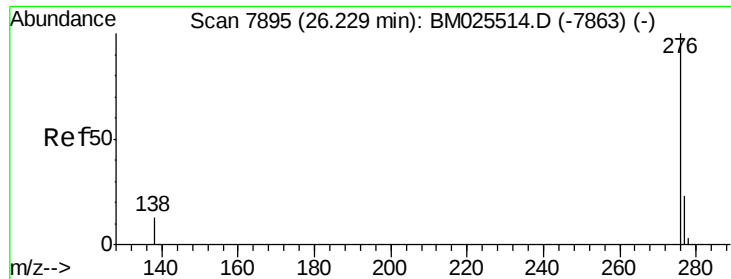
mohammad
3/16/2020 1:49:53 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.02 min
Lab File: BM025518.D
Acq: 12 Mar 2020 12:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	9.0	13.6#
279	31.7	21.1	31.7#





#26

Benzo(a,h,i)perylene

Concen: 0.580 ng/ul

RT: 26.22 min Scan# 7893

Delta R.T. -0.02 min

Lab File: BM025518.D

Acq: 12 Mar 2020 12:17

Instrument :

BNA_M

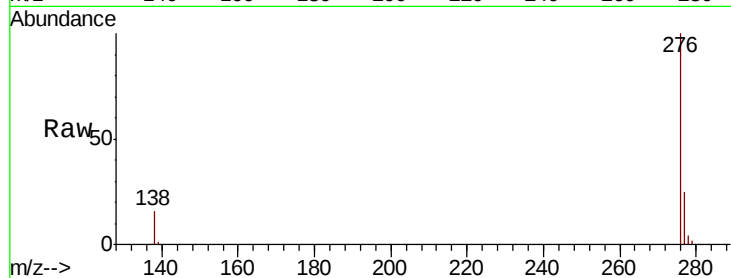
ClientSampleId :

C0CB8

Tot Ion:	276	Resp:	31562
Ion Ratio	Lower	Upper	
276	100		
138	16.0	11.0	16.4
277	24.5	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/16/2020 1:49:53 PM



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

