

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027892.D
 Acq On : 21 Nov 2020 21:44
 Operator : JU/CG
 Sample : L4711-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B65

Manual Integrations
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Quant Time: Nov 23 04:49:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1307	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5211	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3134	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5215m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2688	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2744	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2301	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3213	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	2307	0.148	ng/ul	96
5) 2-Methylnaphthalene	12.80	142	1113	0.105	ng/ul	99
7) Acenaphthylene	14.68	152	1702	0.111	ng/ul#	92
8) Acenaphthene	15.01	153	3923	0.342	ng/ul	99
9) Fluorene	15.98	166	5444	0.410	ng/ul	99
11) Pentachlorophenol	17.31	266	125	0.070	ng/ul	92
12) Phenanthrene	17.70	178	203696	12.365	ng/ul	97
13) Anthracene	17.79	178	29872	1.880	ng/ul	98
15) Fluoranthene	19.68	202	500406	27.395	ng/ul	99
17) Pyrene	20.04	202	391355	28.668	ng/ul	99
18) Benzo(a)anthracene	21.75	228	172877	15.940	ng/ul	100
19) Chrysene	21.81	228	196954	18.644	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	228886m	19.848	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	91321m	8.086	ng/ul	
23) Benzo(a)pyrene	24.08	252	160199	15.888	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	113074	10.358	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.69	278	27977	3.078	ng/ul	92
26) Benzo(g,h,i)perylene	27.46	276	109850	11.994	ng/ul	92

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

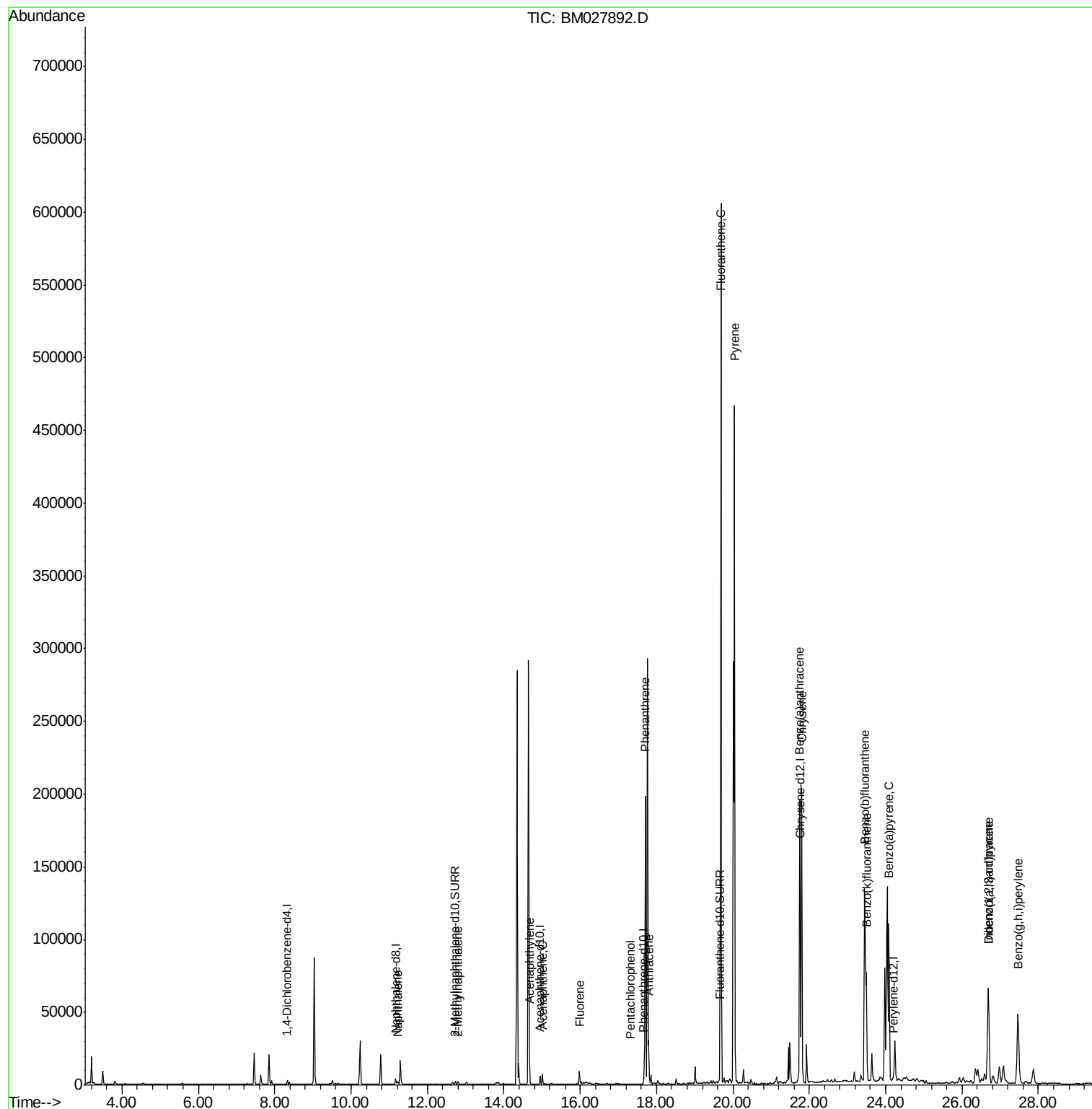
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027892.D
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Misc :
ALS Vial : 46 Sample Multiplier: 1

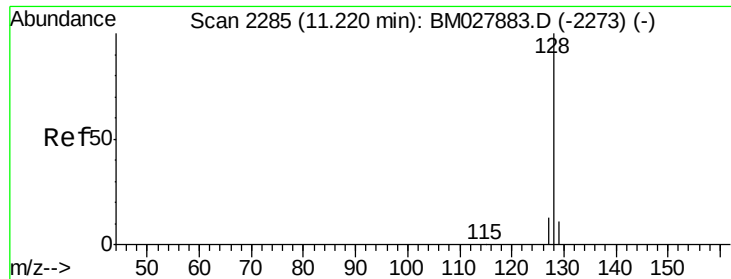
Instrument :
BNA_M
ClientSampleId :
C0B65

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Quant Time: Nov 23 04:49:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.148 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

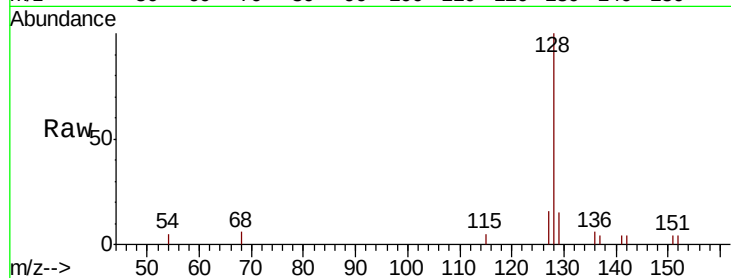
ClientSampleId :

C0B65

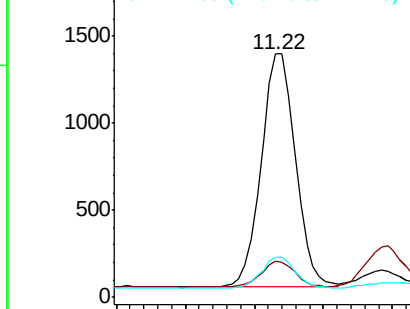
Tot Ion:	128	Resp:	2307
Ion	Ratio	Lower	Upper
128	100		
129	14.7	10.4	15.6
127	16.4	12.0	18.0

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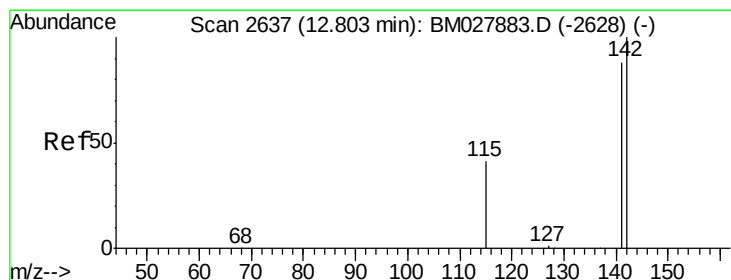
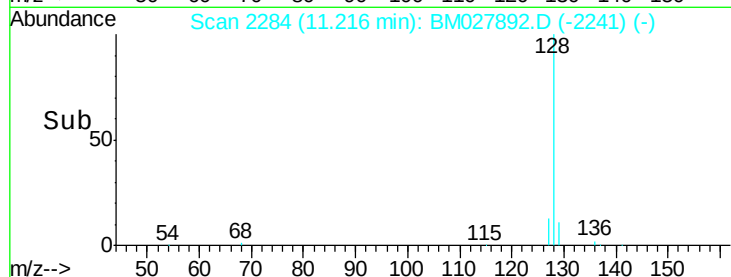
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time--> 11.10 11.15 11.20 11.25



#5

2-Methylnaphthalene

Concen: 0.105 ng/ul

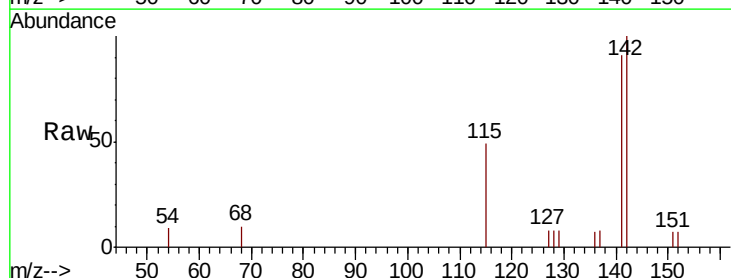
RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

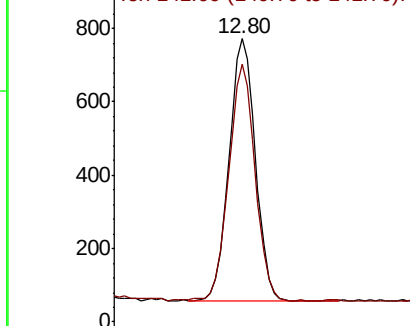
Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

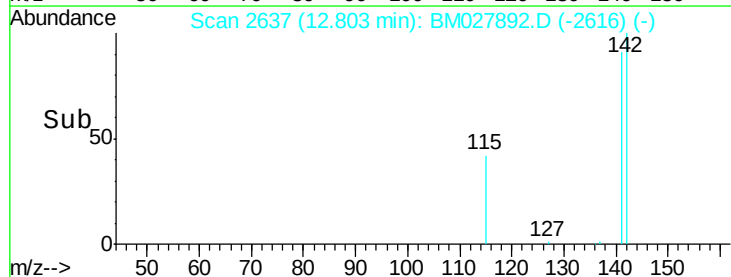
Tgt Ion:	142	Resp:	1113
Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4

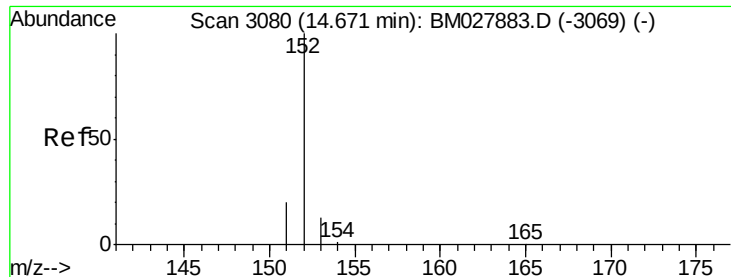


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 12.70 12.80 12.90





#7

Acenaphthylene

Concen: 0.111 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

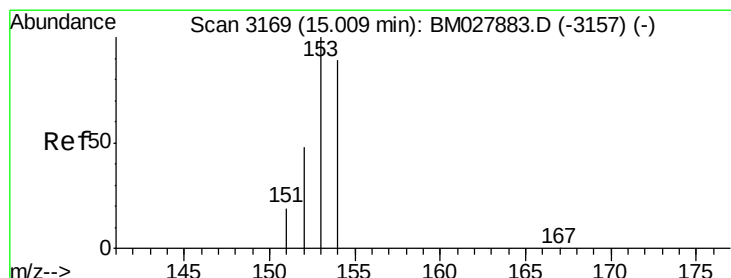
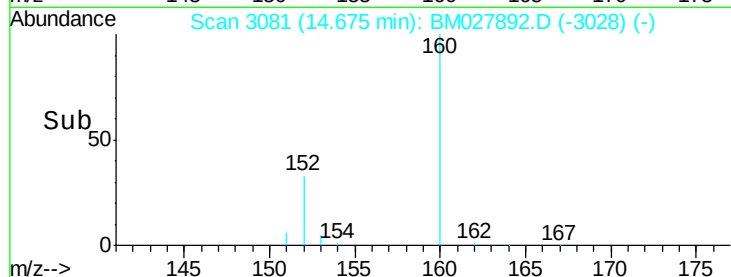
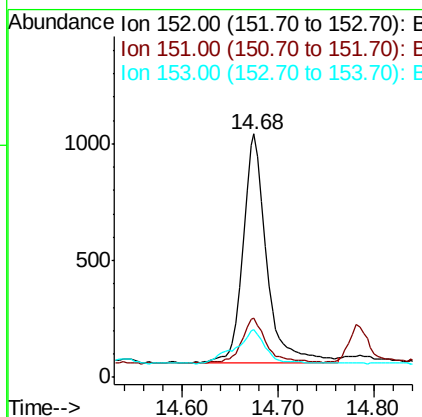
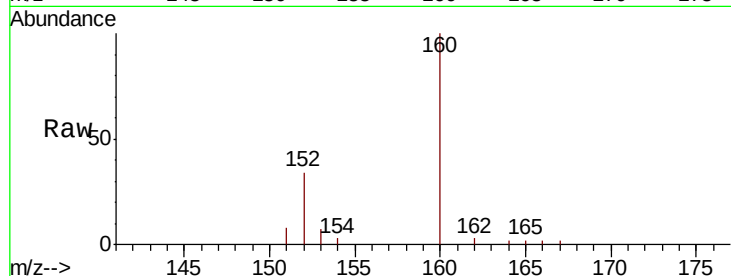
ClientSampled :

C0B65

Tot Ion:	152	Resp:	1702
Ion Ratio	Lower	Upper	
152	100		
151	24.2	17.1	25.7
153	19.5	12.0	18.0#

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#8

Acenaphthene

Concen: 0.342 ng/ul

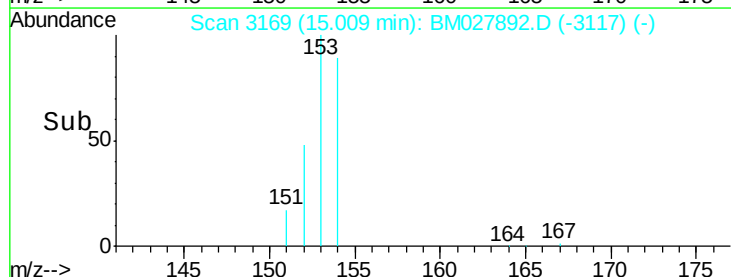
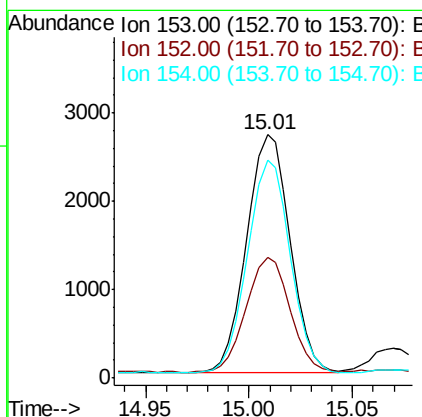
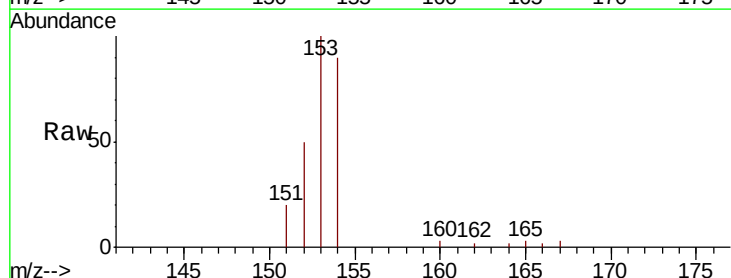
RT: 15.01 min Scan# 3169

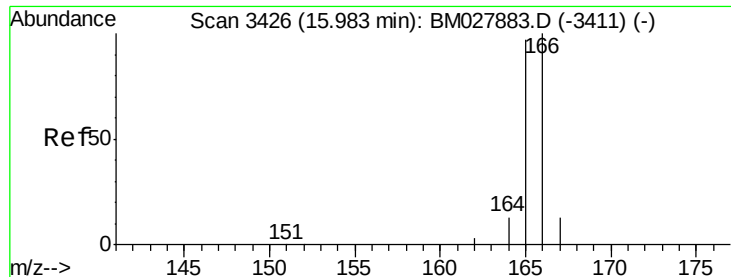
Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Tgt Ion:	153	Resp:	3923
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.0	58.6
154	89.5	71.6	107.4





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

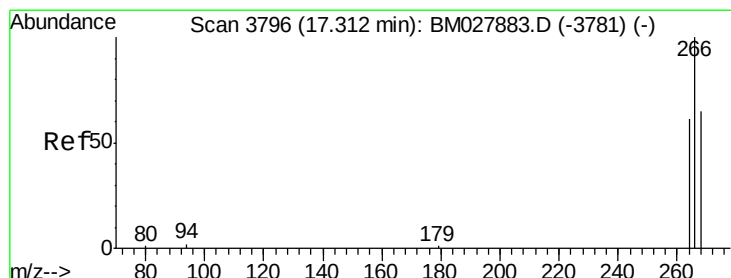
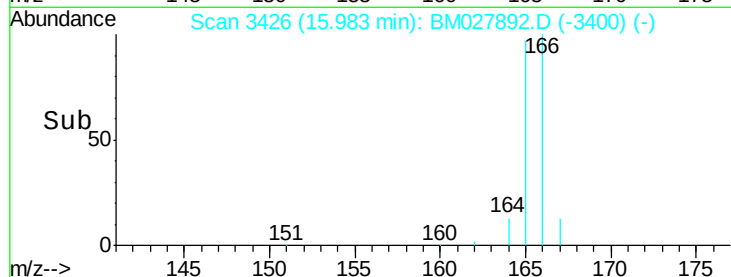
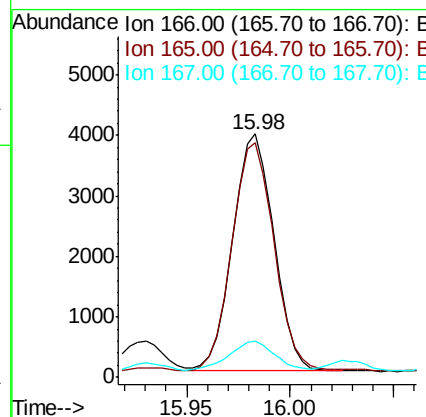
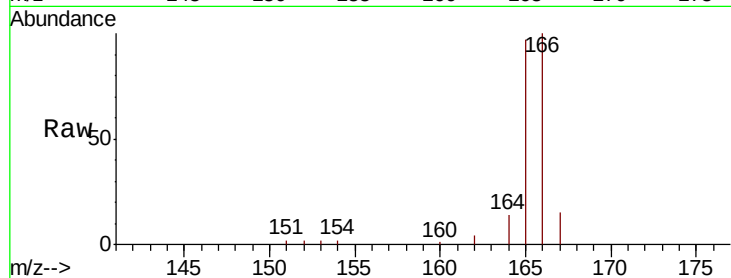
ClientSampled :

C0B65

Tot Ion:	166	Resp:	5444
Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.1	117.1
167	15.0	11.8	17.8

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#11

Pentachlorophenol

Concen: 0.070 ng/ul

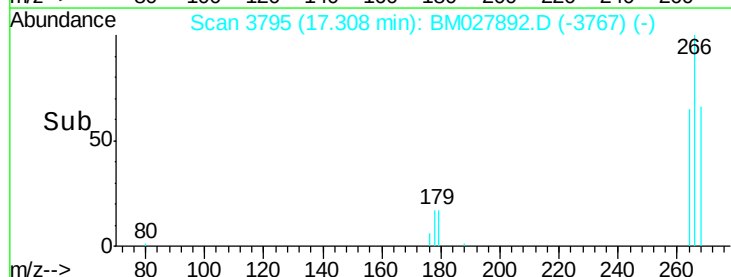
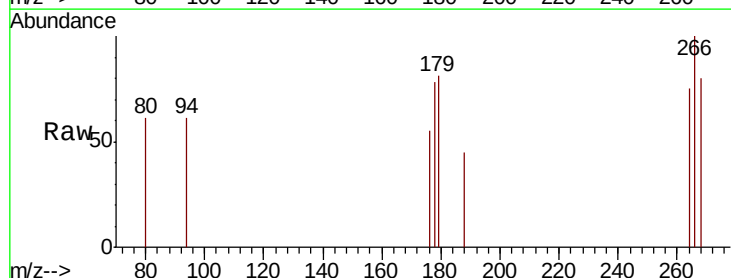
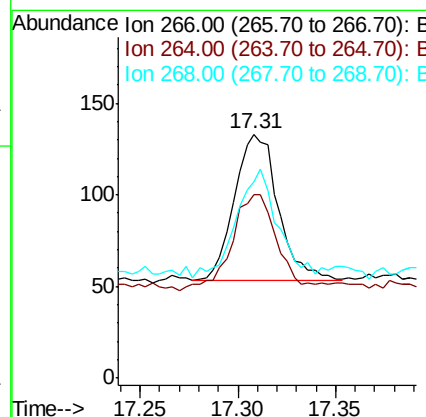
RT: 17.31 min Scan# 3795

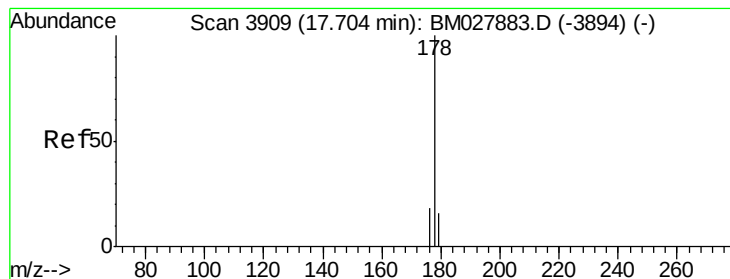
Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Tgt Ion:	266	Resp:	125
Ion	Ratio	Lower	Upper
266	100		
264	70.4	49.6	74.4
268	69.6	52.1	78.1





#12

Phenanthrene

Concen: 12.365 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

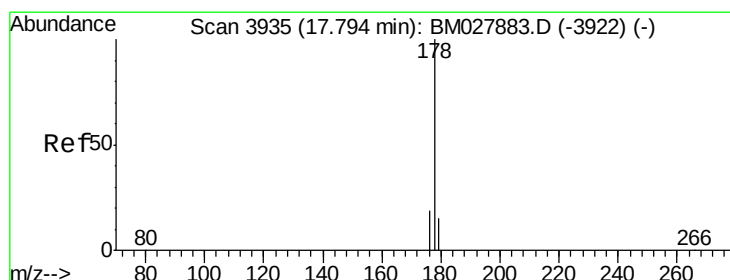
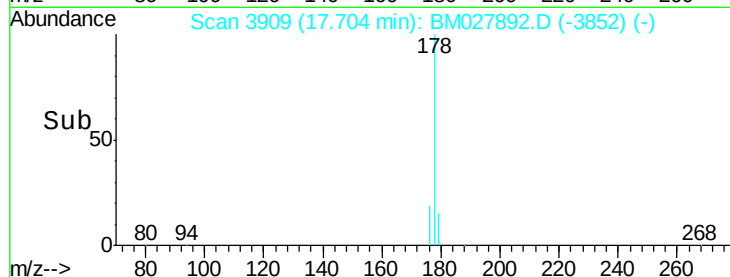
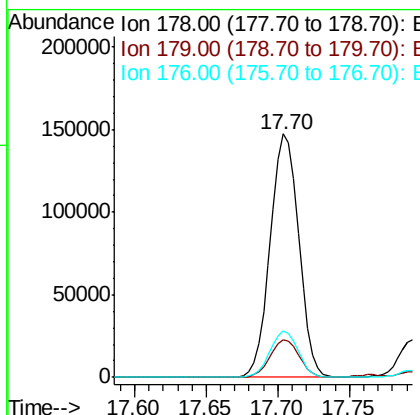
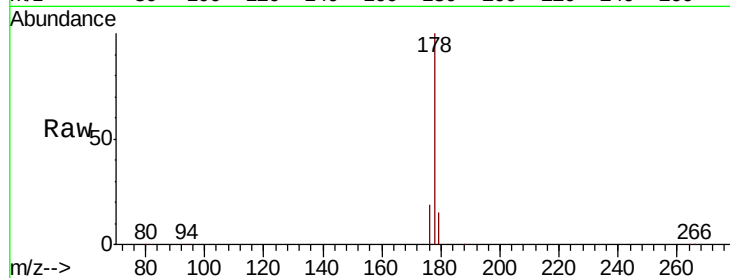
ClientSampleId :

C0B65

Tot Ion:	178	Resp:	203696
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.6	20.4
176	18.9	16.1	24.1

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#13

Anthracene

Concen: 1.880 ng/ul

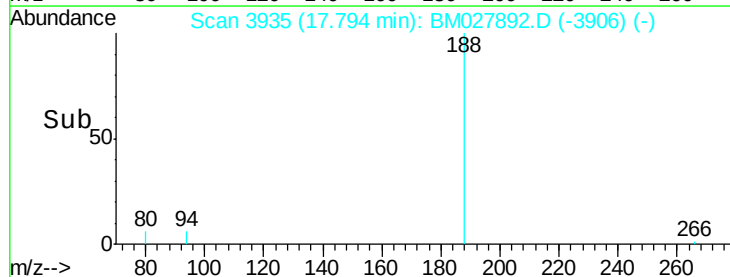
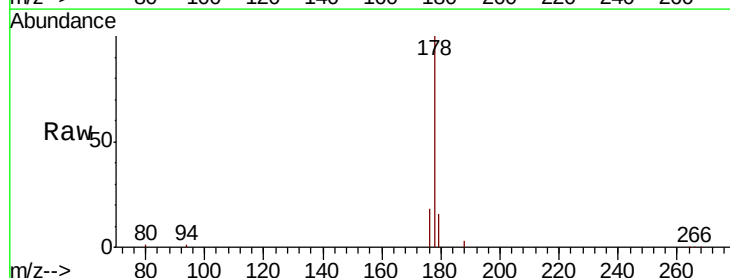
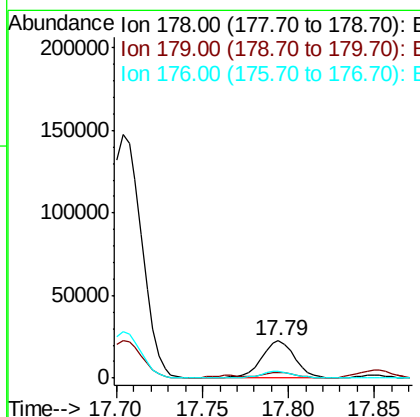
RT: 17.79 min Scan# 3935

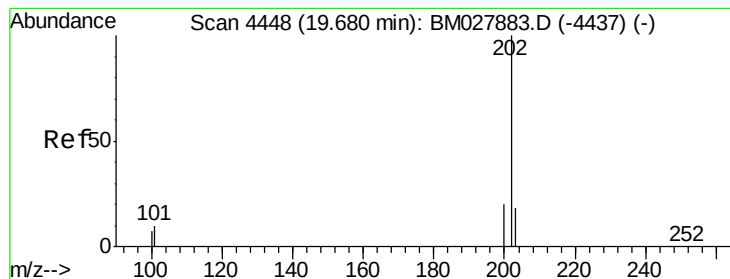
Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Tgt Ion:	178	Resp:	29872
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.4	20.2
176	18.4	15.0	22.6





#15

Fluoranthene

Concen: 27.395 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

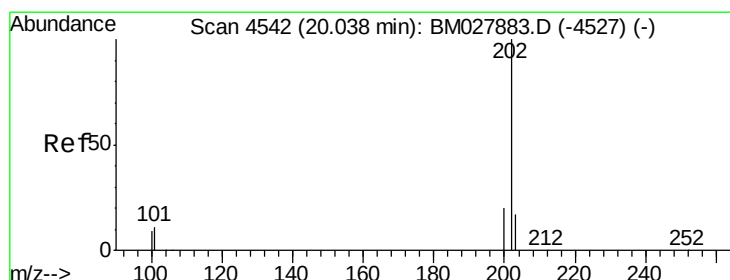
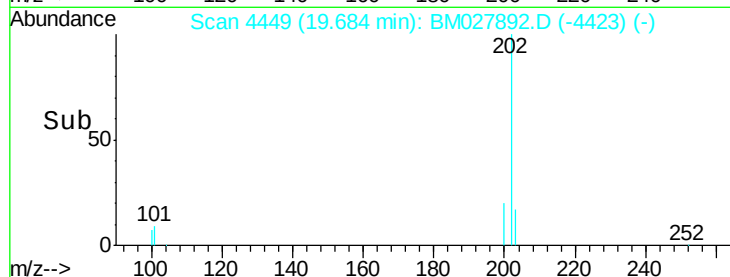
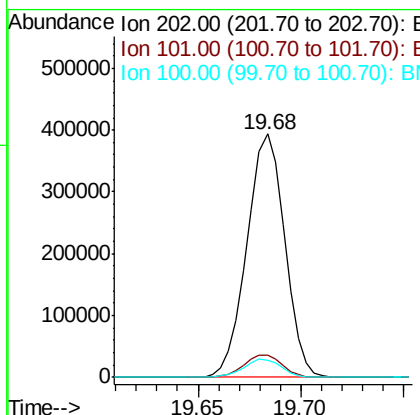
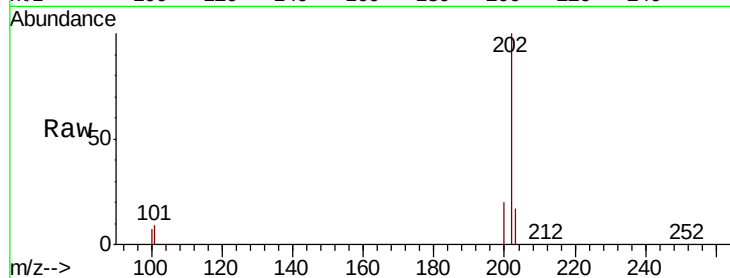
ClientSampled :

C0B65

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	29.3
100	7.1	0.0	27.4

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#17

Pyrene

Concen: 28.668 ng/ul

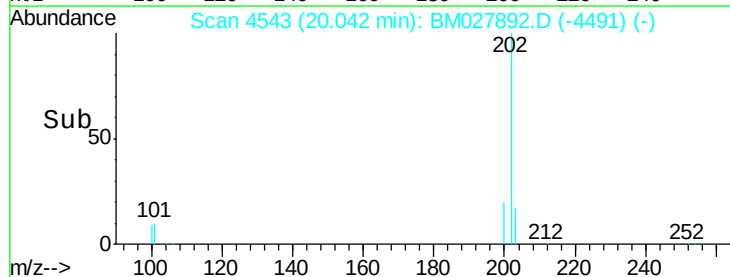
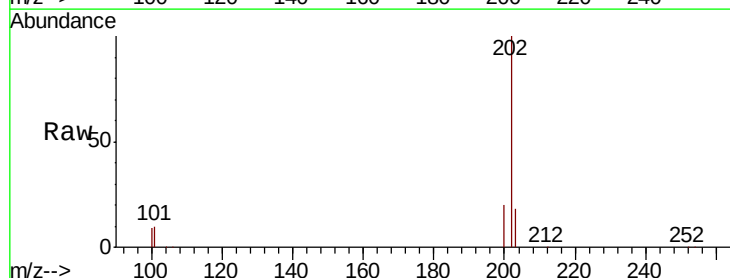
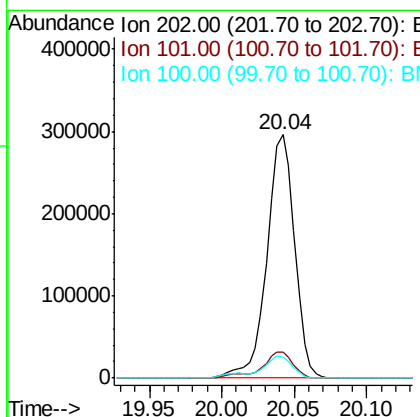
RT: 20.04 min Scan# 4543

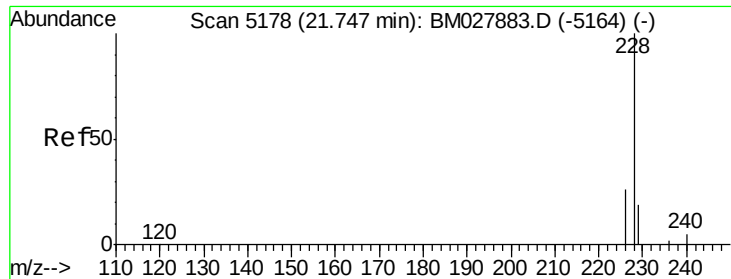
Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.2	12.2
100	8.7	6.9	10.3





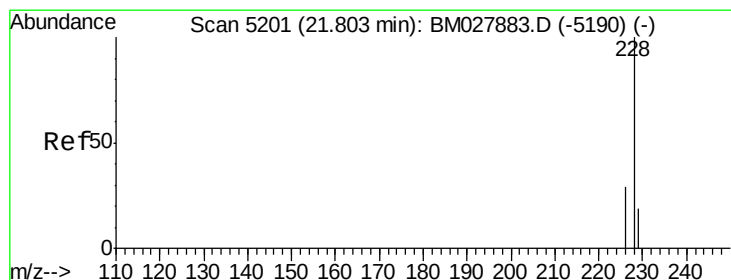
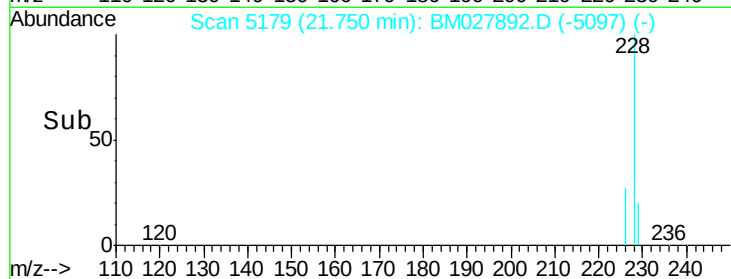
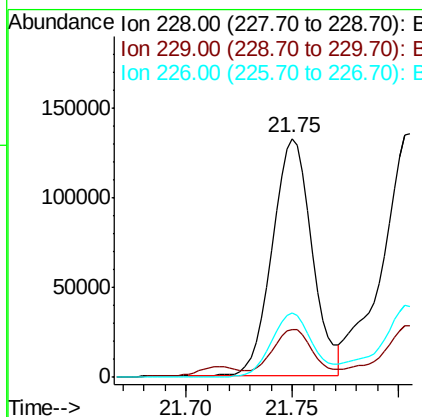
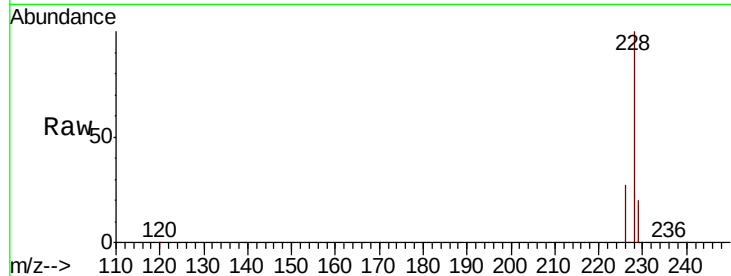
#18
Benzo(a)anthracene
Concen: 15.940 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027892.D
Acq: 21 Nov 2020 21:44

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.2	24.4
226	26.8	21.5	32.3

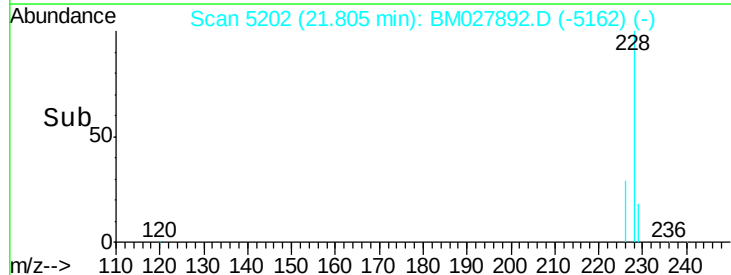
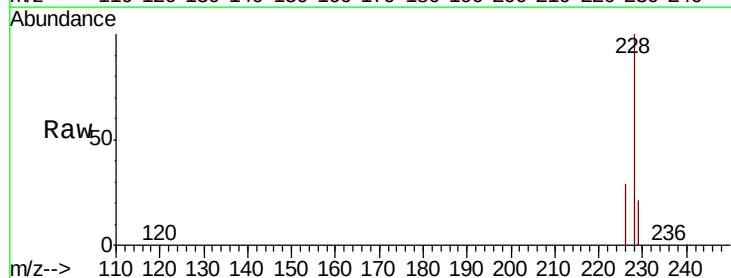
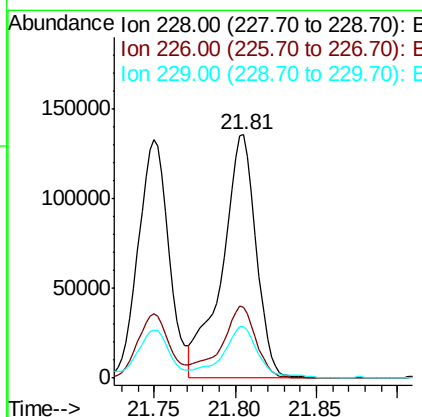
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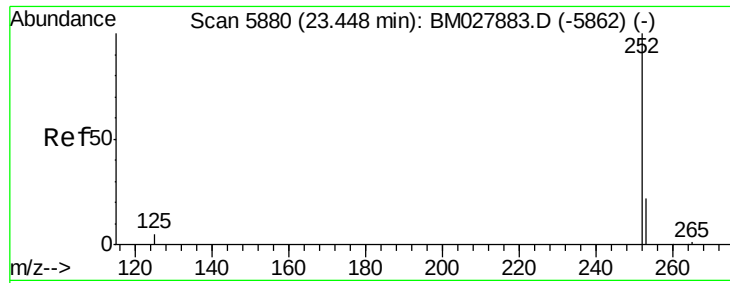
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#19
Chrysene
Concen: 18.644 ng/ul
RT: 21.81 min Scan# 5202
Delta R.T. -0.00 min
Lab File: BM027892.D
Acq: 21 Nov 2020 21:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	21.3	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 19.848 ng/ul m

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

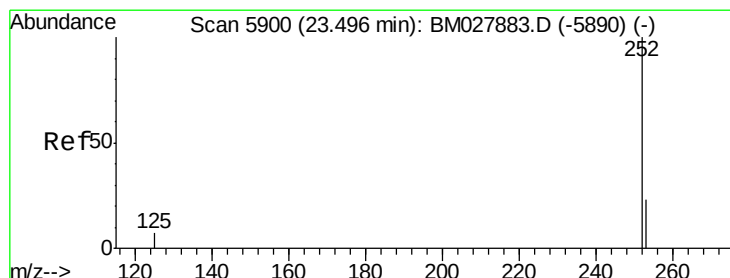
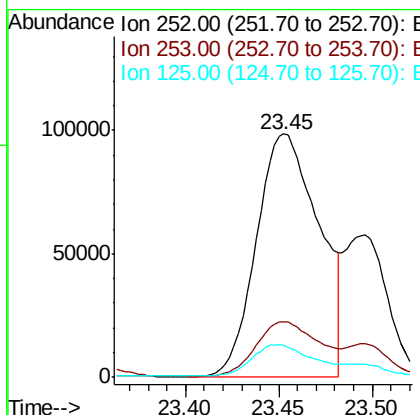
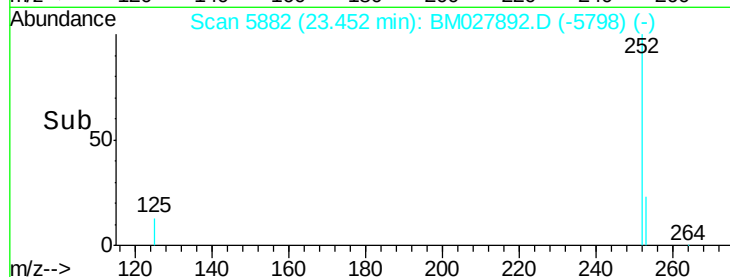
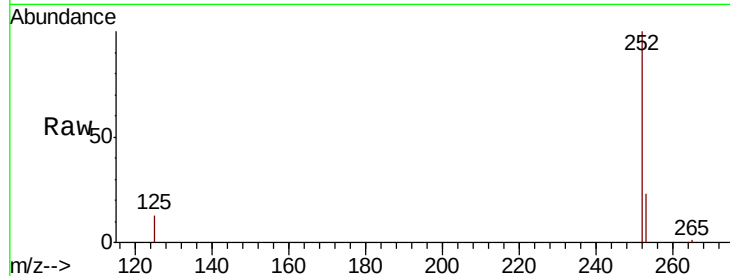
ClientSampled :

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Tot Ion	Ratio	Resp	Lower	Upper
252	100	228886		
253	22.9	0.0	59.6	
125	13.1	0.0	28.4	

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#22

Benzo(k)fluoranthene

Concen: 8.086 ng/ul m

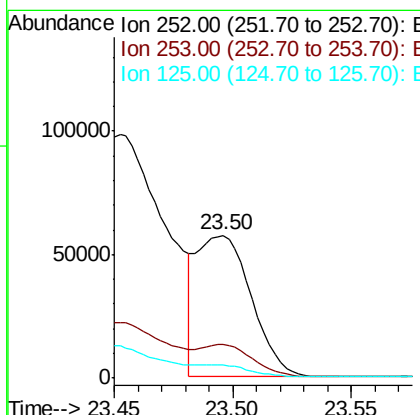
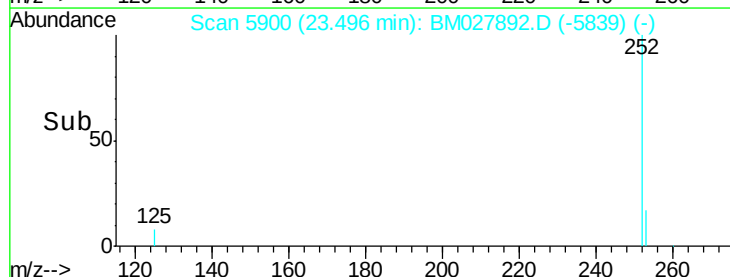
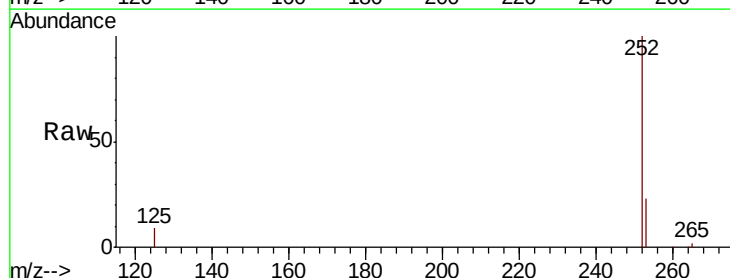
RT: 23.50 min Scan# 5900

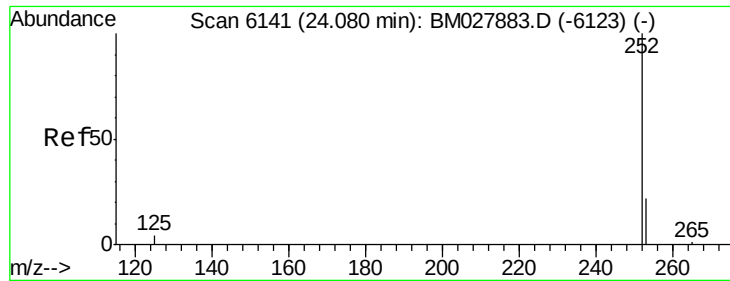
Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	91321		
253	23.4	23.2	34.8	
125	8.8	11.8	17.6#	





#23

Benzo(a)pyrene

Concen: 15.888 ng/ul

RT: 24.08 min Scan# 6142

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

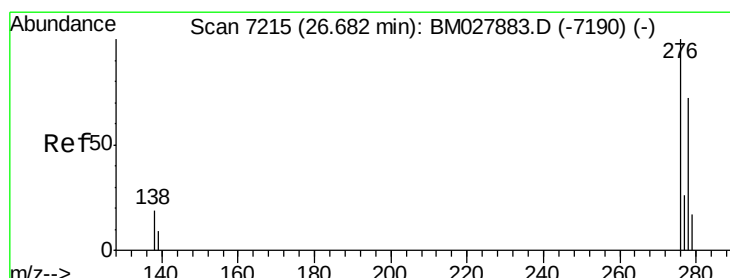
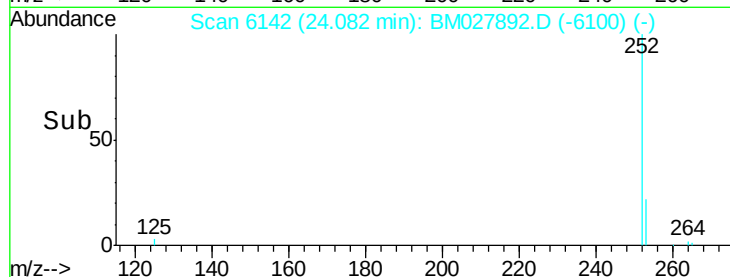
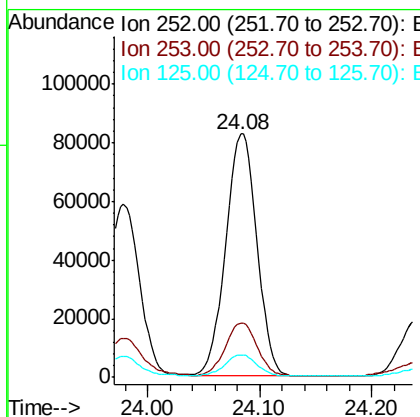
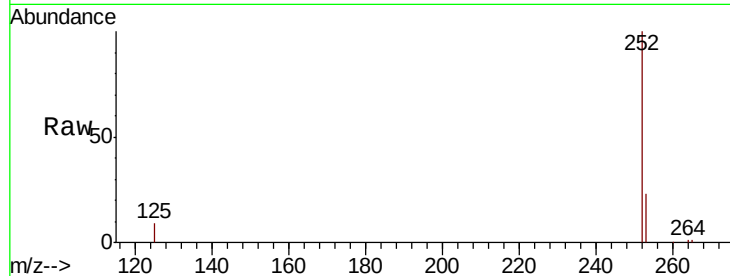
ClientSampleId :

C0B65

Tot Ion:	252	Resp:	160199
Ion Ratio	Lower	Upper	
252	100		
253	22.5	25.2	37.8#
125	9.2	13.8	20.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 10.358 ng/ul

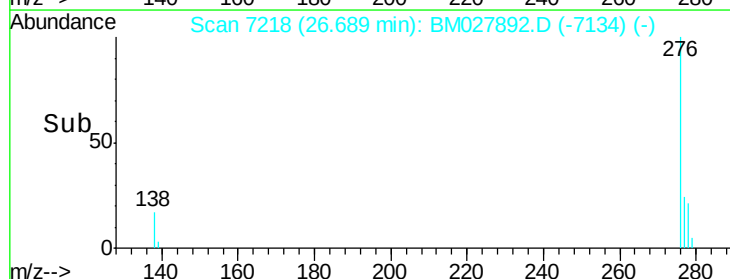
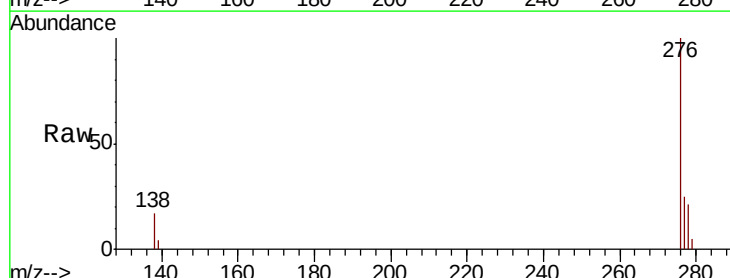
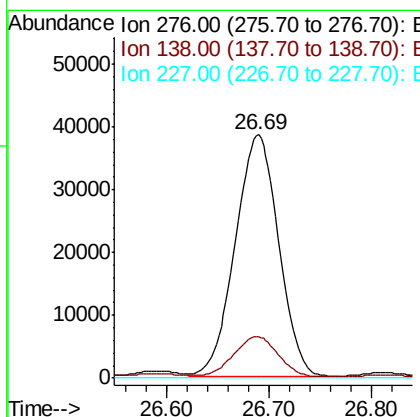
RT: 26.69 min Scan# 7218

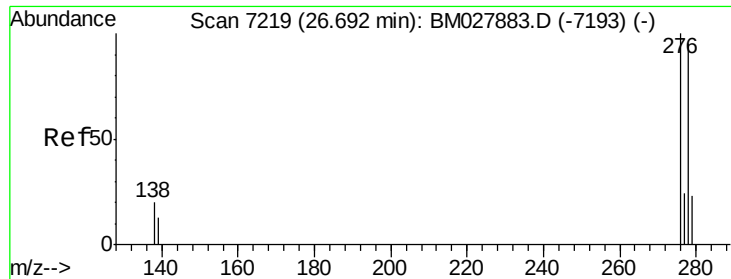
Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Tgt Ion:	276	Resp:	113074
Ion Ratio	Lower	Upper	
276	100		
138	17.1	15.7	23.5
227	0.0	0.0	0.0





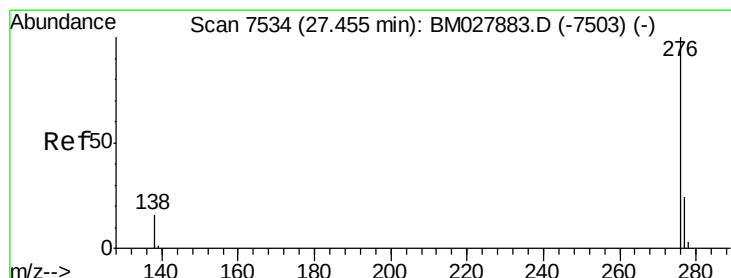
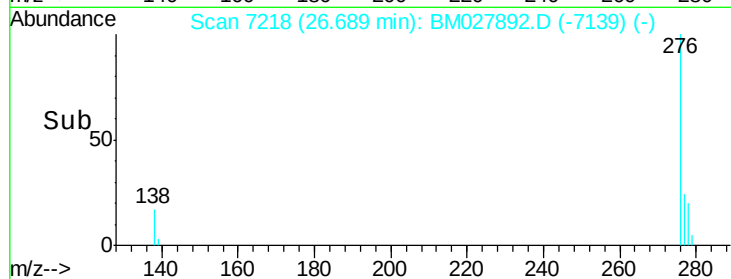
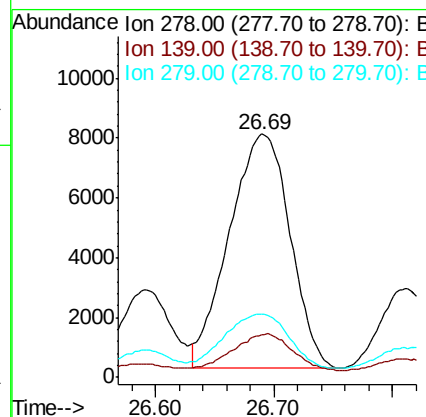
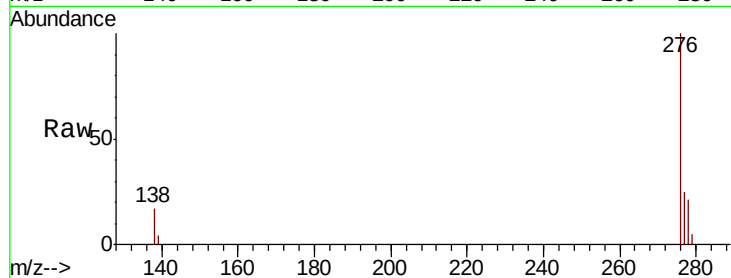
#25
Dibenzo(a,h)anthracene
Concen: 3.078 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027892.D
Acq: 21 Nov 2020 21:44

Instrument :
BNA_M
ClientSampleId :
C0B65

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.8	22.2
279	25.8	25.8	38.6

Manual Integrations
APPROVED

mohammad
11/24/2020 8:59:12 AM



#26
Benzo(g,h,i)perylene
Concen: 11.994 ng/ul
RT: 27.46 min Scan# 7538
Delta R.T. 0.00 min
Lab File: BM027892.D
Acq: 21 Nov 2020 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.4	26.2
277	24.2	22.5	33.7

