

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027944.D
 Acq On : 24 Nov 2020 15:55
 Operator : JU/CG
 Sample : L4749-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B18

Manual Integrations
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Quant Time: Nov 24 16:35:23 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 : Tue Nov 24 15:00:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1170	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4661	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2630	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4674	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2546	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2378	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	831	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1326	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	523	0.037	ng/ul#	72
5) 2-Methylnaphthalene	12.80	142	340	0.036	ng/ul	100
7) Acenaphthylene	14.67	152	1390	0.108	ng/ul#	92
8) Acenaphthene	15.00	153	2026	0.211	ng/ul	100
9) Fluorene	15.98	166	2429	0.218	ng/ul	99
11) Pentachlorophenol	17.30	266	195	0.122	ng/ul	99
12) Phenanthrene	17.70	178	57966	3.926	ng/ul	97
13) Anthracene	17.79	178	8736	0.613	ng/ul	99
15) Fluoranthene	19.68	202	98195	5.998	ng/ul	99
17) Pyrene	20.03	202	79035	6.112	ng/ul	97
18) Benzo(a)anthracene	21.75	228	33518	3.263	ng/ul	100
19) Chrysene	21.80	228	37681	3.766	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	41699m	4.172	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	16063m	1.641	ng/ul	
23) Benzo(a)pyrene	24.07	252	28904	3.308	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.67	276	18879	1.996	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	4867	0.618	ng/ul#	94
26) Benzo(g,h,i)perylene	27.45	276	16935	2.134	ng/ul	95

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

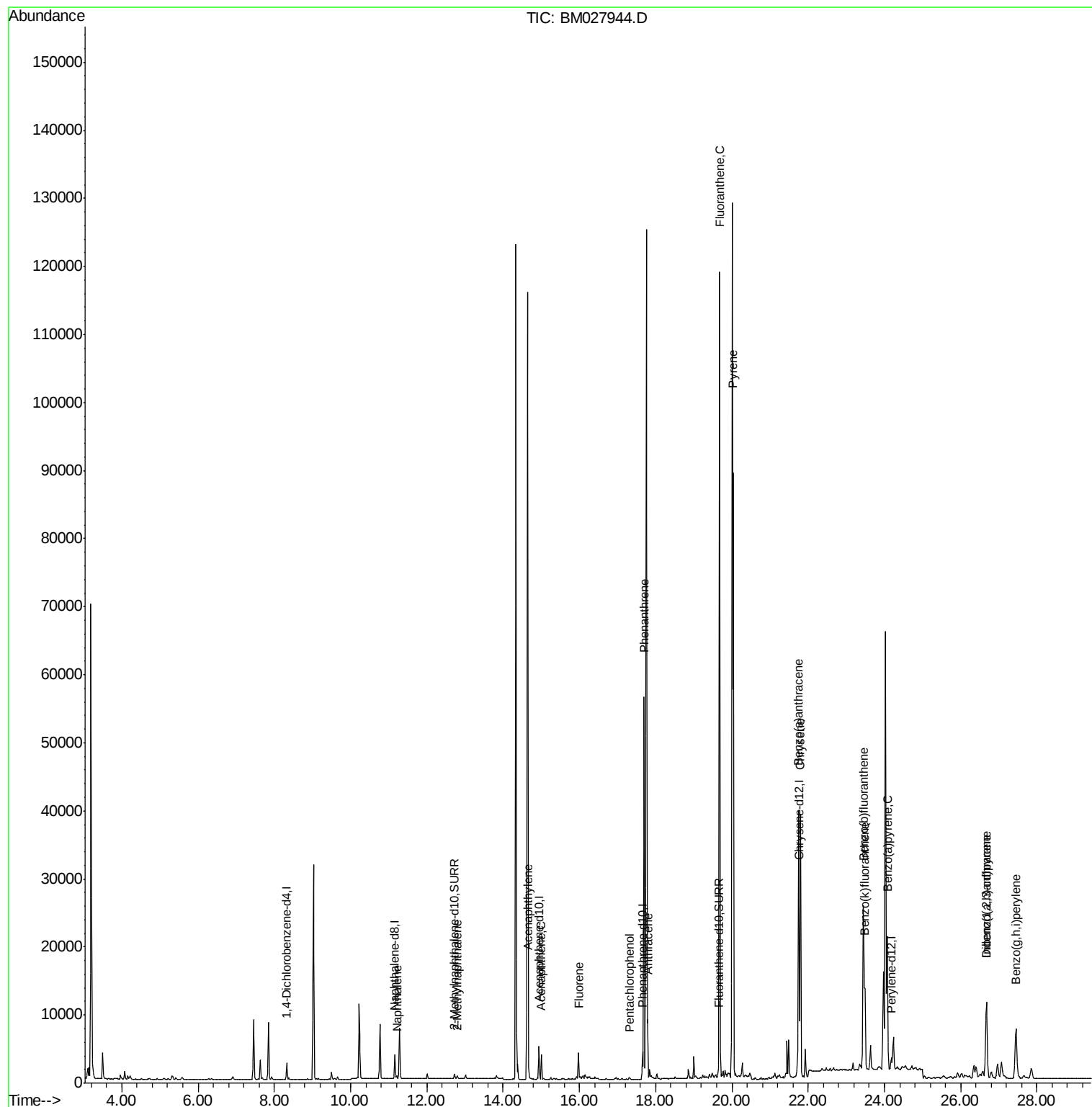
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027944.D
Acq On : 24 Nov 2020 15:55
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Sample : L4749-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

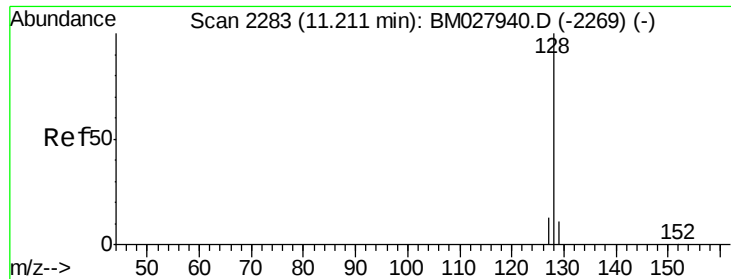
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 24 16:35:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.037 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Instrument :

BNA_M

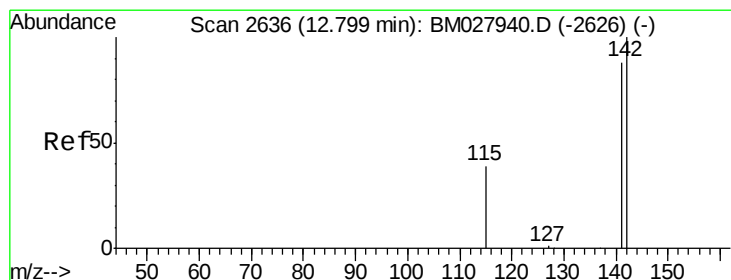
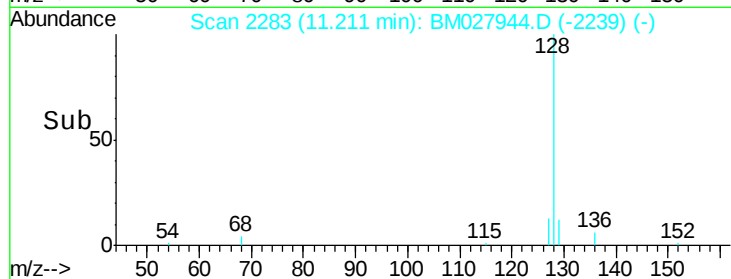
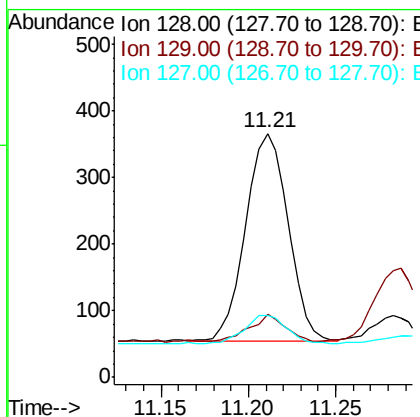
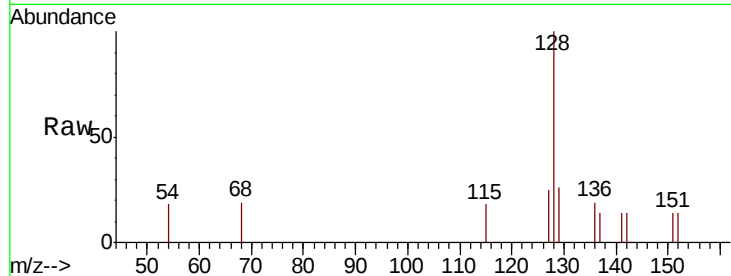
ClientSampleId :

C0B18

Tot Ion:	128	Resp:	523
Ion	Ratio	Lower	Upper
128	100		
129	25.7	10.4	15.6#
127	25.1	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

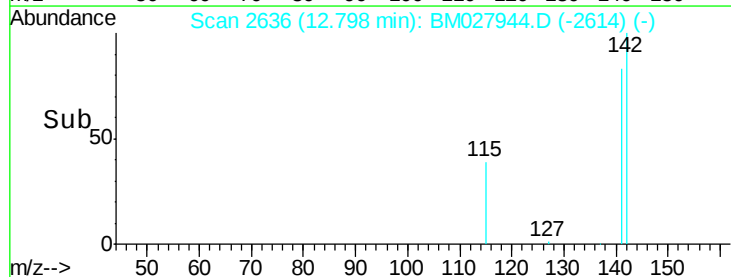
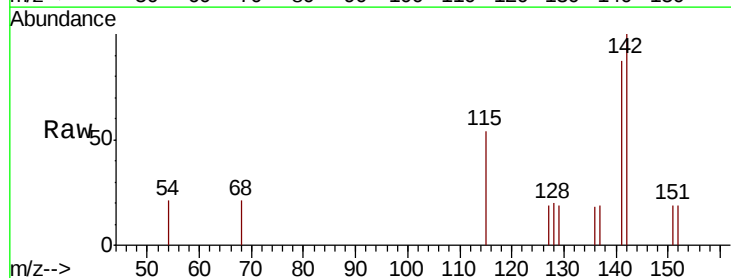
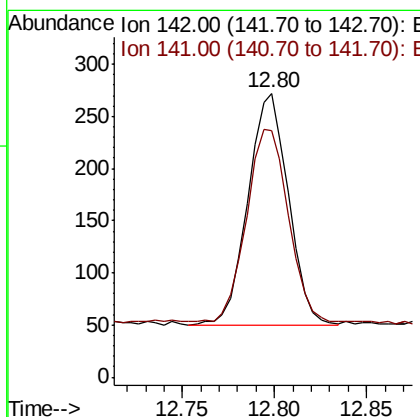
RT: 12.80 min Scan# 2636

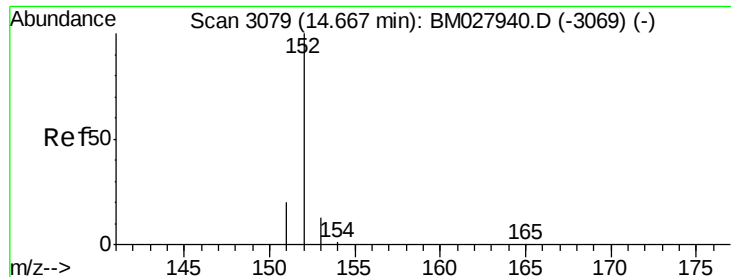
Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Tgt Ion:	142	Resp:	340
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Instrument :

BNA_M

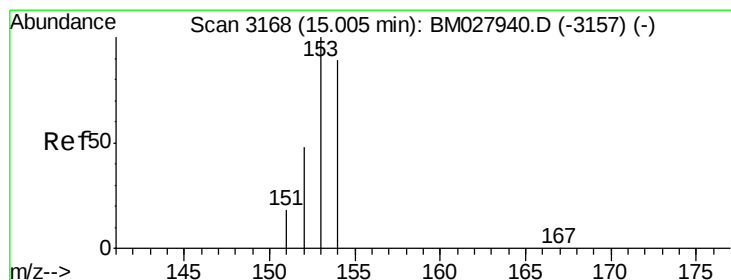
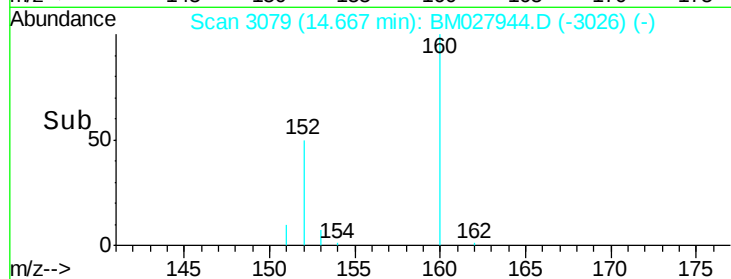
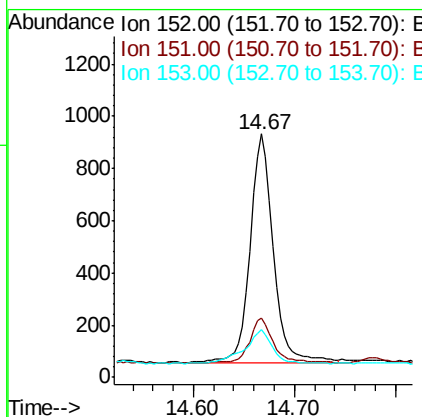
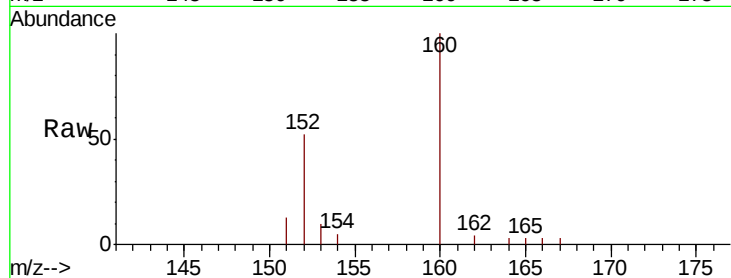
ClientSampleId :

C0B18

Tot Ion:	152	Resp:	1390
Ion Ratio	Lower	Upper	
152	100		
151	24.1	17.1	25.7
153	19.4	12.0	18.0

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#8

Acenaphthene

Concen: 0.211 ng/ul

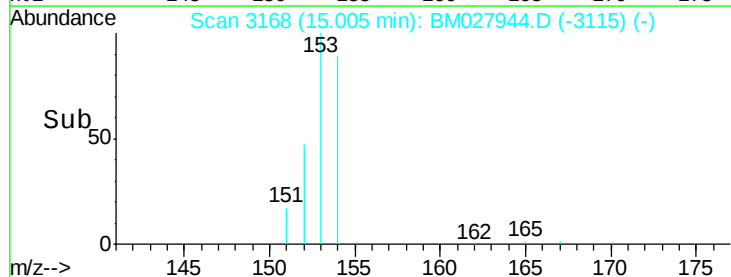
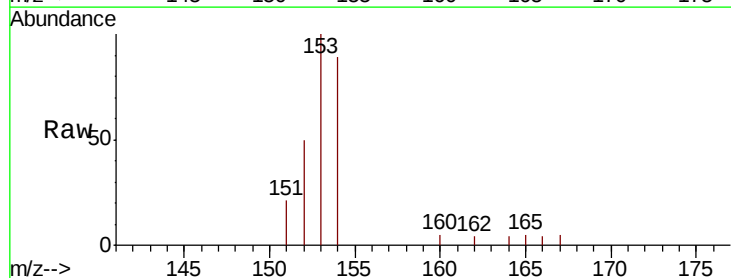
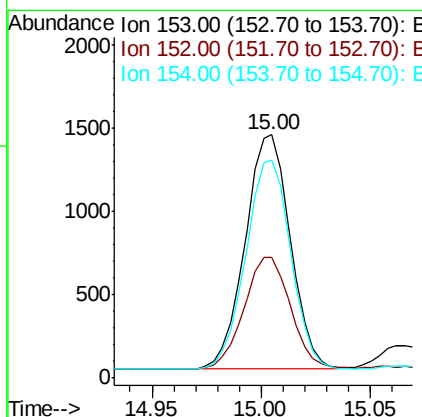
RT: 15.00 min Scan# 3168

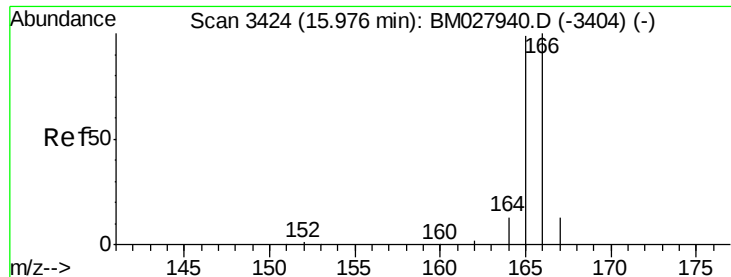
Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Tgt Ion:	153	Resp:	2026
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.0	58.6
154	89.5	71.6	107.4





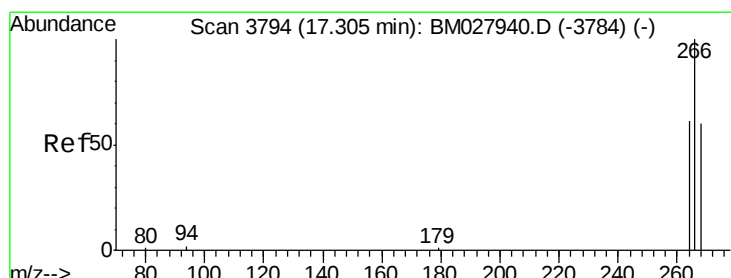
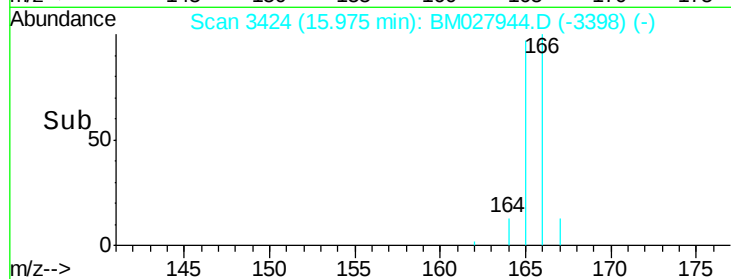
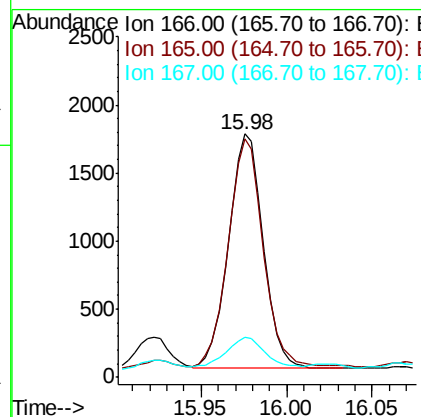
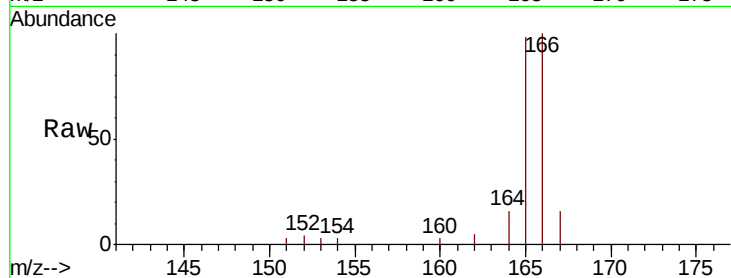
#9
Fluorene
 Concen: 0.218 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BM027944.D
 Acq: 24 Nov 2020 15:55

Instrument :
 BNA_M
 ClientSampleId :
 C0B18

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	16.4	11.8	17.8

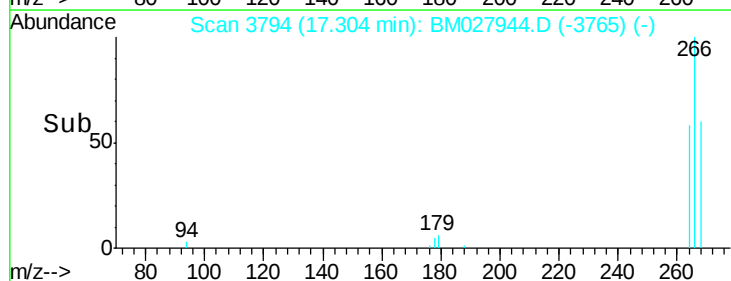
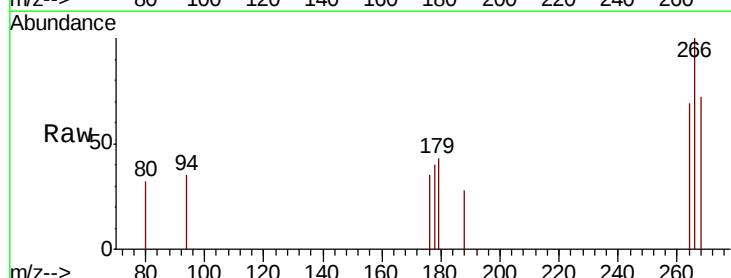
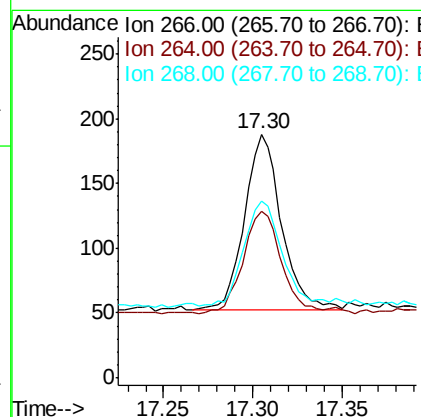
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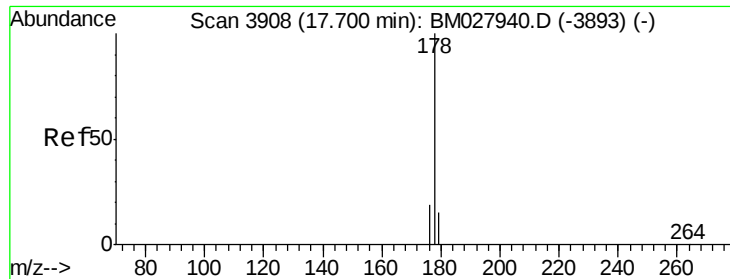
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#11
Pentachlorophenol
 Concen: 0.122 ng/ul
 RT: 17.30 min Scan# 3794
 Delta R.T. -0.00 min
 Lab File: BM027944.D
 Acq: 24 Nov 2020 15:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.6	74.4
268	64.1	52.1	78.1





#12

Phenanthrene

Concen: 3.926 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Instrument :

BNA_M

ClientSampled :

C0B18

Tot Ion:178 Resp: 57966

Ion Ratio Lower Upper

178 100

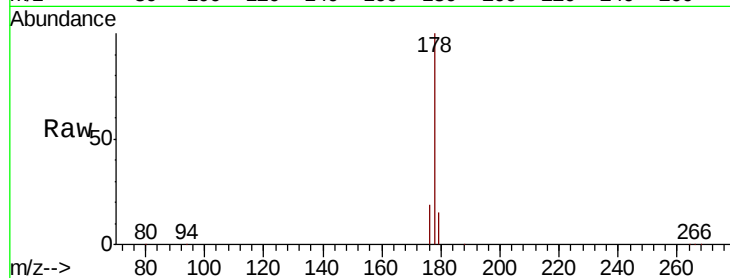
179 15.3 13.6 20.4

176 18.8 16.1 24.1

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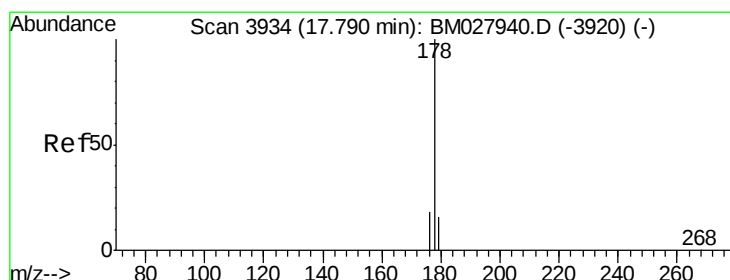
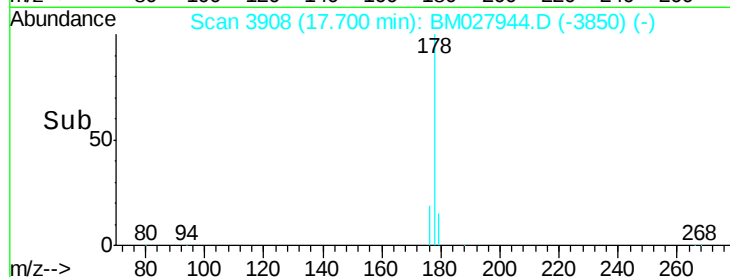
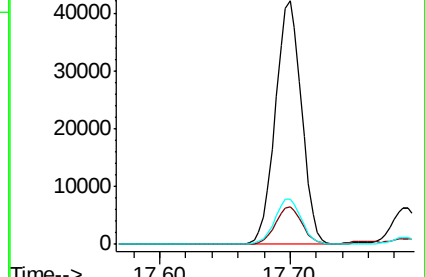
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.613 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

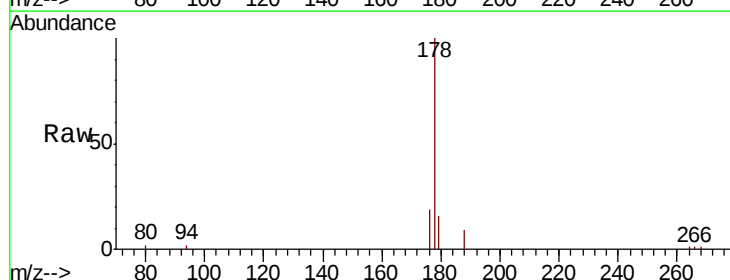
Tgt Ion:178 Resp: 8736

Ion Ratio Lower Upper

178 100

179 16.3 13.4 20.2

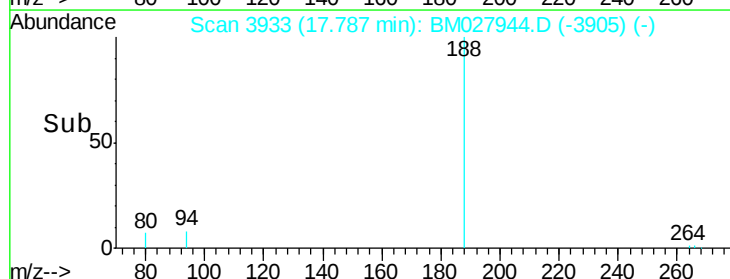
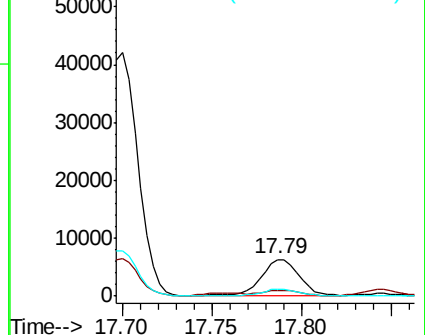
176 19.1 15.0 22.6

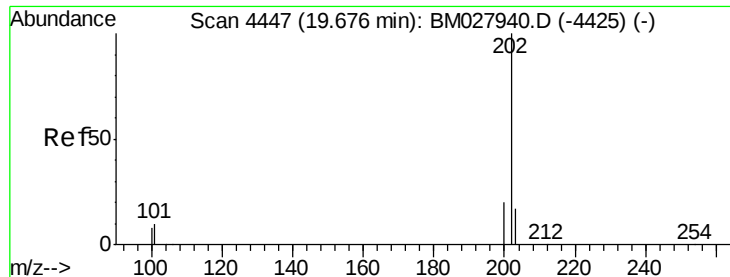


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 5.998 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Instrument :

BNA_M

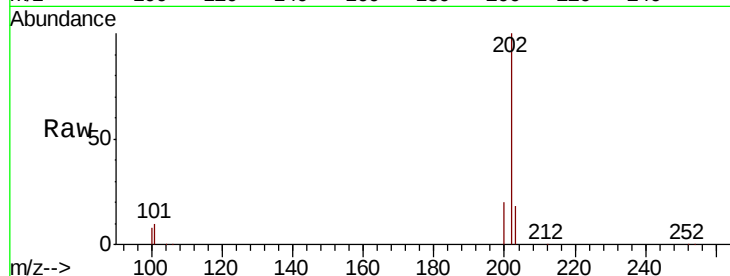
ClientSampleId :

C0B18

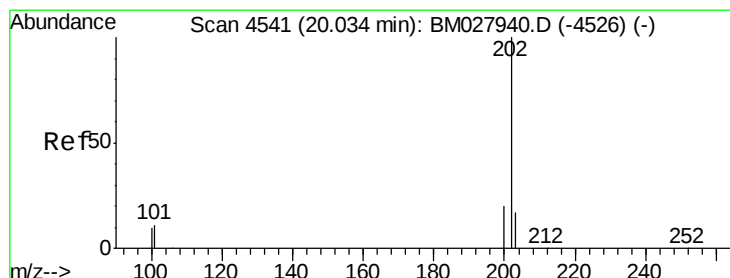
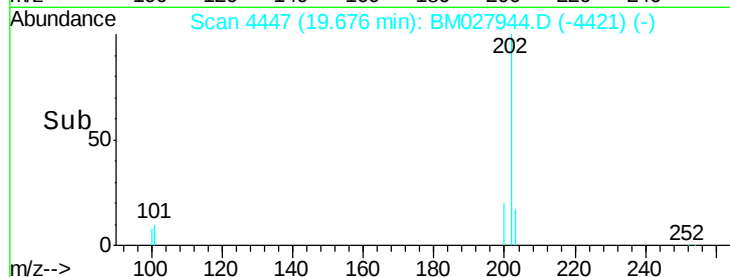
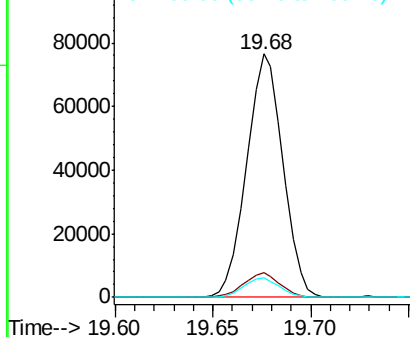
Tot Ion:	202	Resp:	98195
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.3
100	7.8	0.0	27.4

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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: 6.112 ng/ul

RT: 20.03 min Scan# 4541

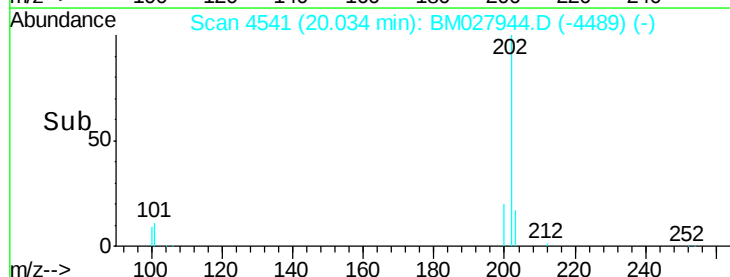
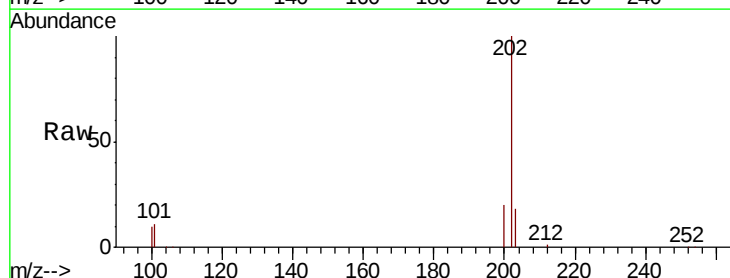
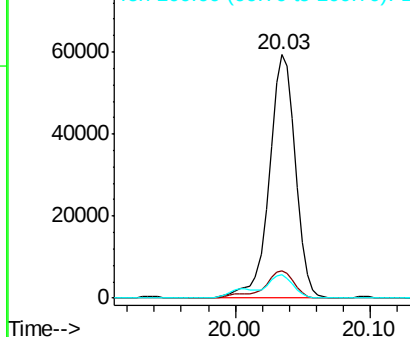
Delta R.T. -0.00 min

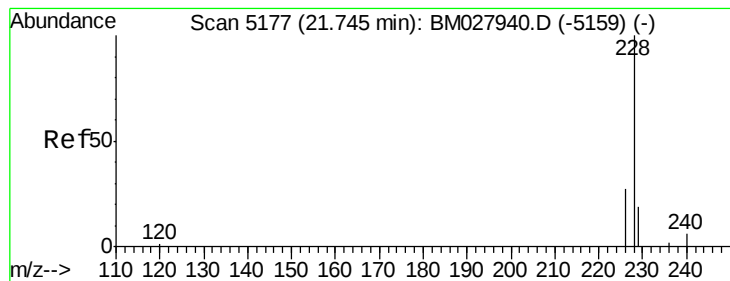
Lab File: BM027944.D

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Tgt Ion:	202	Resp:	79035
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.2	12.2
100	9.5	6.9	10.3

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





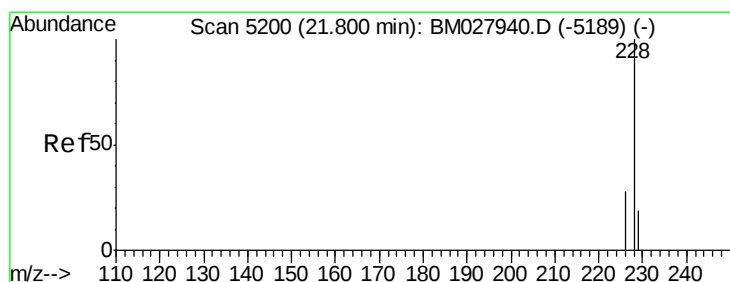
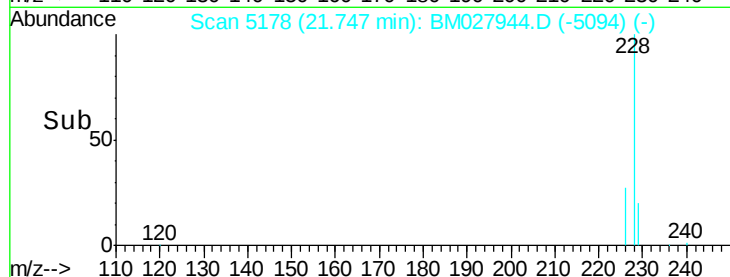
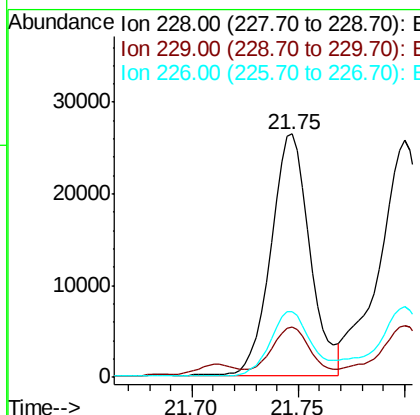
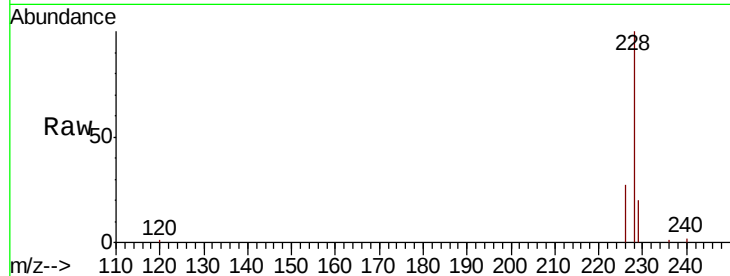
#18
Benzo(a)anthracene
Concen: 3.263 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. 0.00 min
Lab File: BM027944.D
Acq: 24 Nov 2020 15:55

Instrument :
BNA_M
ClientSampleId :
C0B18

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	27.0	21.5	32.3

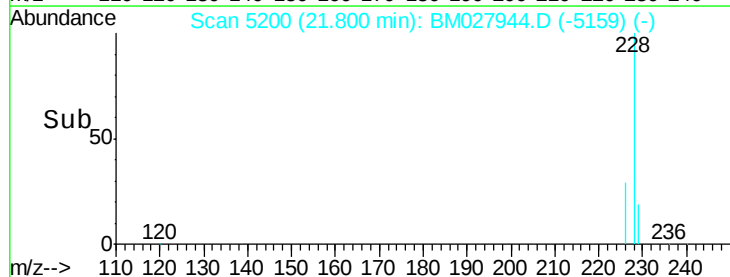
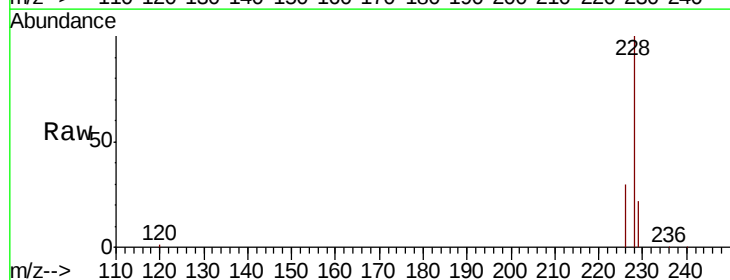
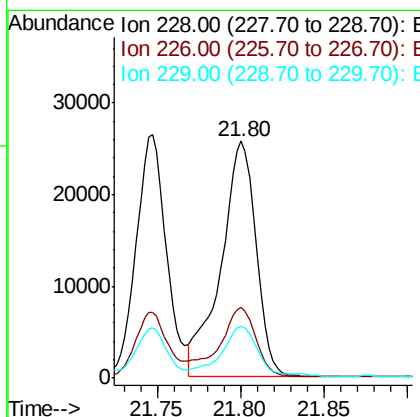
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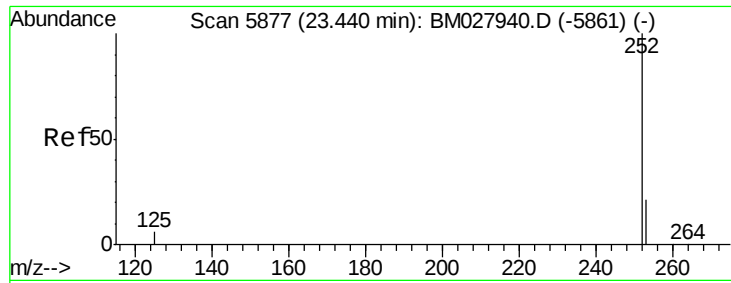
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#19
Chrysene
Concen: 3.766 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BM027944.D
Acq: 24 Nov 2020 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.7	16.6	24.8





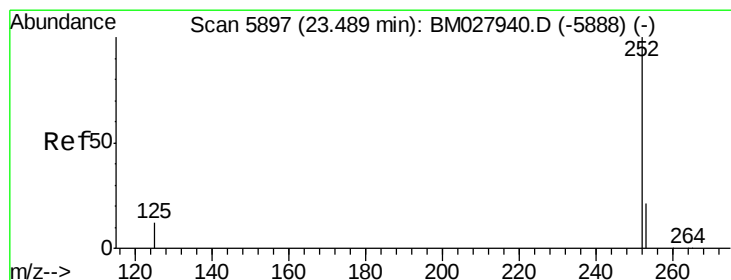
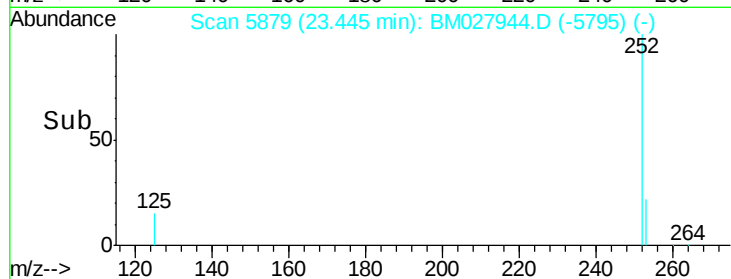
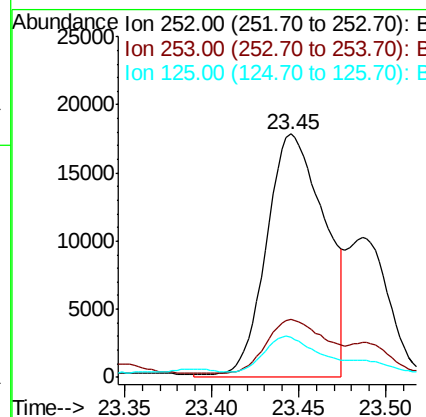
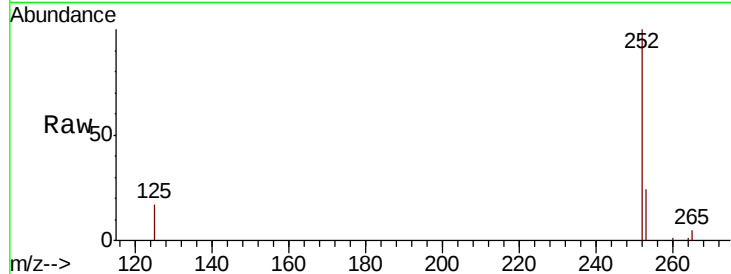
#21
Benzo(b)fluoranthene
Concen: 4.172 ng/ul m
RT: 23.45 min Scan# 5879
Delta R.T. 0.00 min
Lab File: BM027944.D
Acq: 24 Nov 2020 15:55

Instrument :
BNA_M
ClientSampleId :
C0B18

Tot Ion	Ratio	Resp	Lower	Upper
252	100	41699		
253	23.6	0.0	59.6	
125	16.6	0.0	28.4	

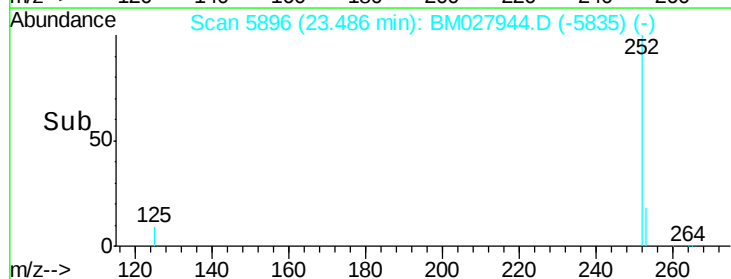
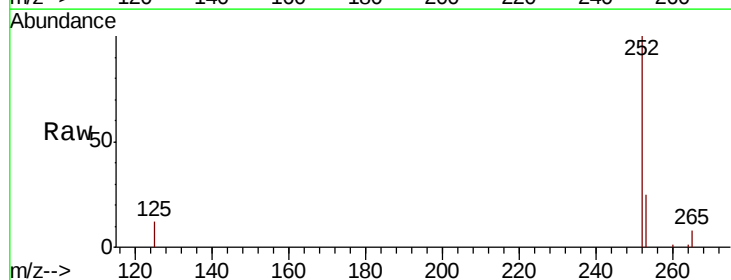
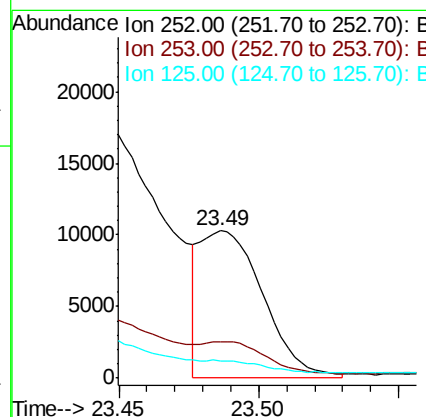
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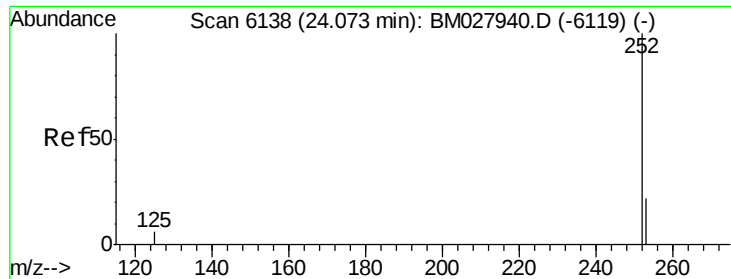
mohammad
11/25/2020 12:46:10 PM



#22
Benzo(k)fluoranthene
Concen: 1.641 ng/ul m
RT: 23.49 min Scan# 5896
Delta R.T. -0.00 min
Lab File: BM027944.D
Acq: 24 Nov 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	16063		
253	25.0	23.2	34.8	
125	11.9	11.8	17.6	





#23

Benzo(a)pyrene

Concen: 3.308 ng/ul

RT: 24.07 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Instrument :

BNA_M

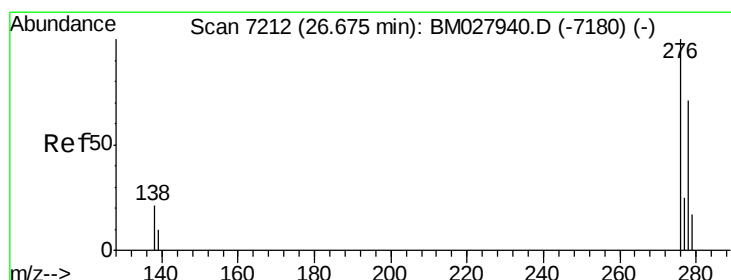
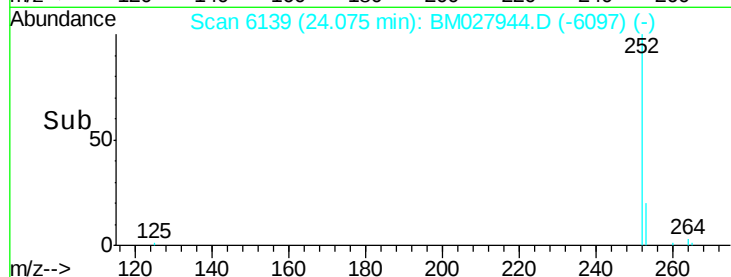
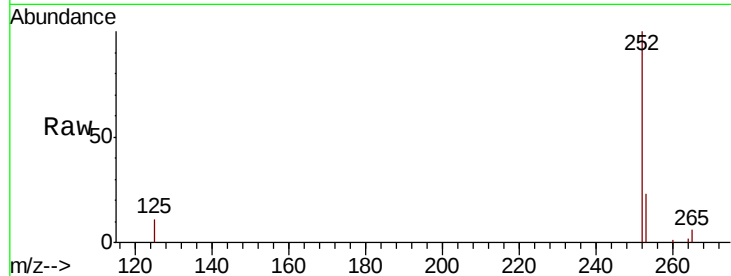
ClientSampleId :

C0B18

Tot Ion:	252	Resp:	28904
Ion Ratio	Lower	Upper	
252	100		
253	23.4	25.2	37.8#
125	11.2	13.8	20.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.996 ng/ul

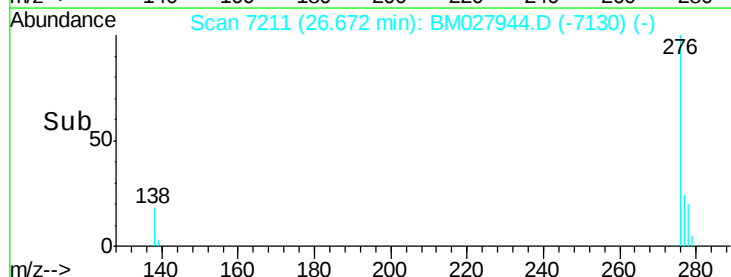
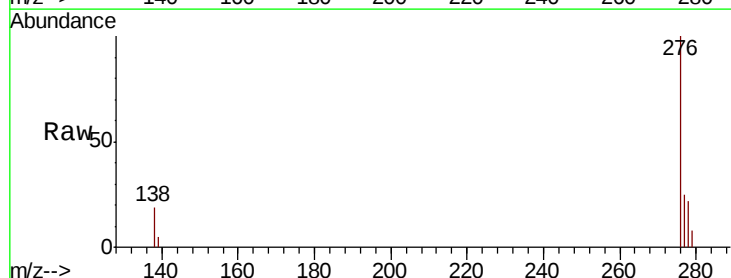
RT: 26.67 min Scan# 7211

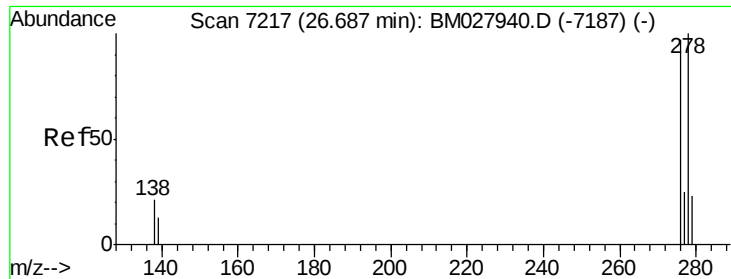
Delta R.T. -0.00 min

Lab File: BM027944.D

Acq: 24 Nov 2020 15:55

Tgt Ion:	276	Resp:	18879
Ion Ratio	Lower	Upper	
276	100		
138	18.4	15.7	23.5
227	0.0	0.0	0.0





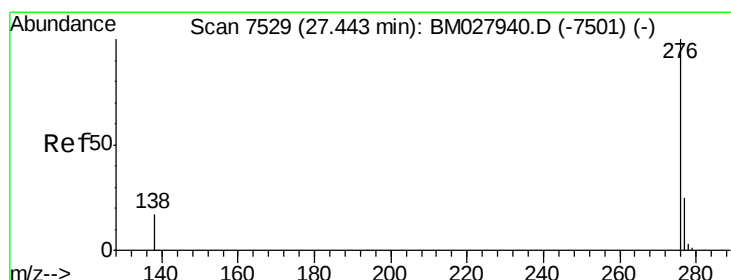
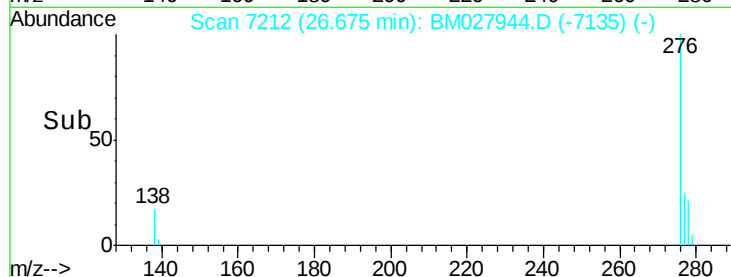
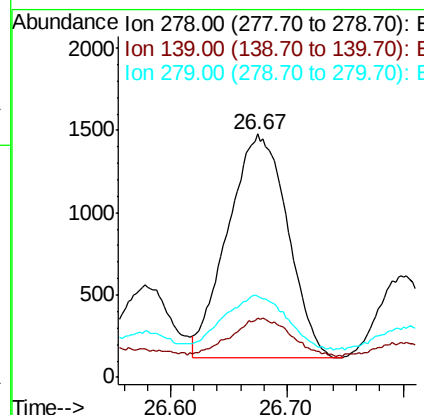
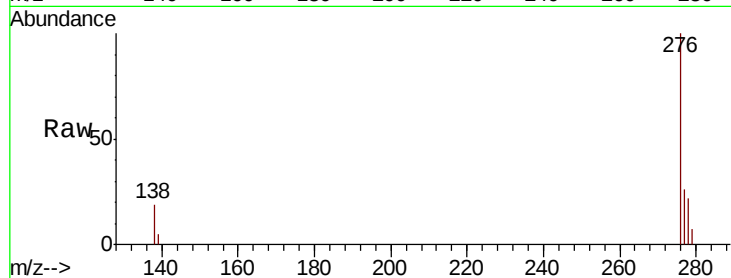
#25
Dibenzo(a,h)anthracene
Concen: 0.618 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027944.D
Acq: 24 Nov 2020 15:55

Instrument :
BNA_M
ClientSampleId :
C0B18

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.4	14.8	22.2#
279	33.5	25.8	38.6

Manual Integrations
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mohammad
11/25/2020 12:46:10 PM



#26
Benzo(g,h,i)perylene
Concen: 2.134 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. 0.00 min
Lab File: BM027944.D
Acq: 24 Nov 2020 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.4	26.2
277	25.5	22.5	33.7

