

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027908.D
 Acq On : 23 Nov 2020 11:58
 Operator : JU/CG
 Sample : L4711-08DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B33DL

Manual Integrations
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mohammad
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Quant Time: Nov 23 12:52:16 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 11:35:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1093	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4324	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2522	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4548	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2741	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2568	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	699	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1150	0.09	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.22	128	3417	0.264	ng/ul	99
5) 2-Methylnaphthalene	12.80	142	2103	0.239	ng/ul	98
7) Acenaphthylene	14.67	152	982	0.080	ng/ul#	82
8) Acenaphthene	15.01	153	13379	1.451	ng/ul	99
9) Fluorene	15.98	166	11054	1.033	ng/ul	99
12) Phenanthrene	17.70	178	196462	13.675	ng/ul	97
13) Anthracene	17.79	178	39447	2.846	ng/ul	98
15) Fluoranthene	19.68	202	340019	21.345	ng/ul	99
17) Pyrene	20.04	202	276802	19.884	ng/ul	100
18) Benzo(a)anthracene	21.75	228	119946	10.846	ng/ul	100
19) Chrysene	21.80	228	129250	11.999	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	139078m	12.887	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	54080m	5.117	ng/ul	
23) Benzo(a)pyrene	24.08	252	94419	10.006	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	60727	5.944	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	15333	1.802	ng/ul	92
26) Benzo(a,h,i)perylene	27.46	276	53911	6.289	ng/ul	92

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

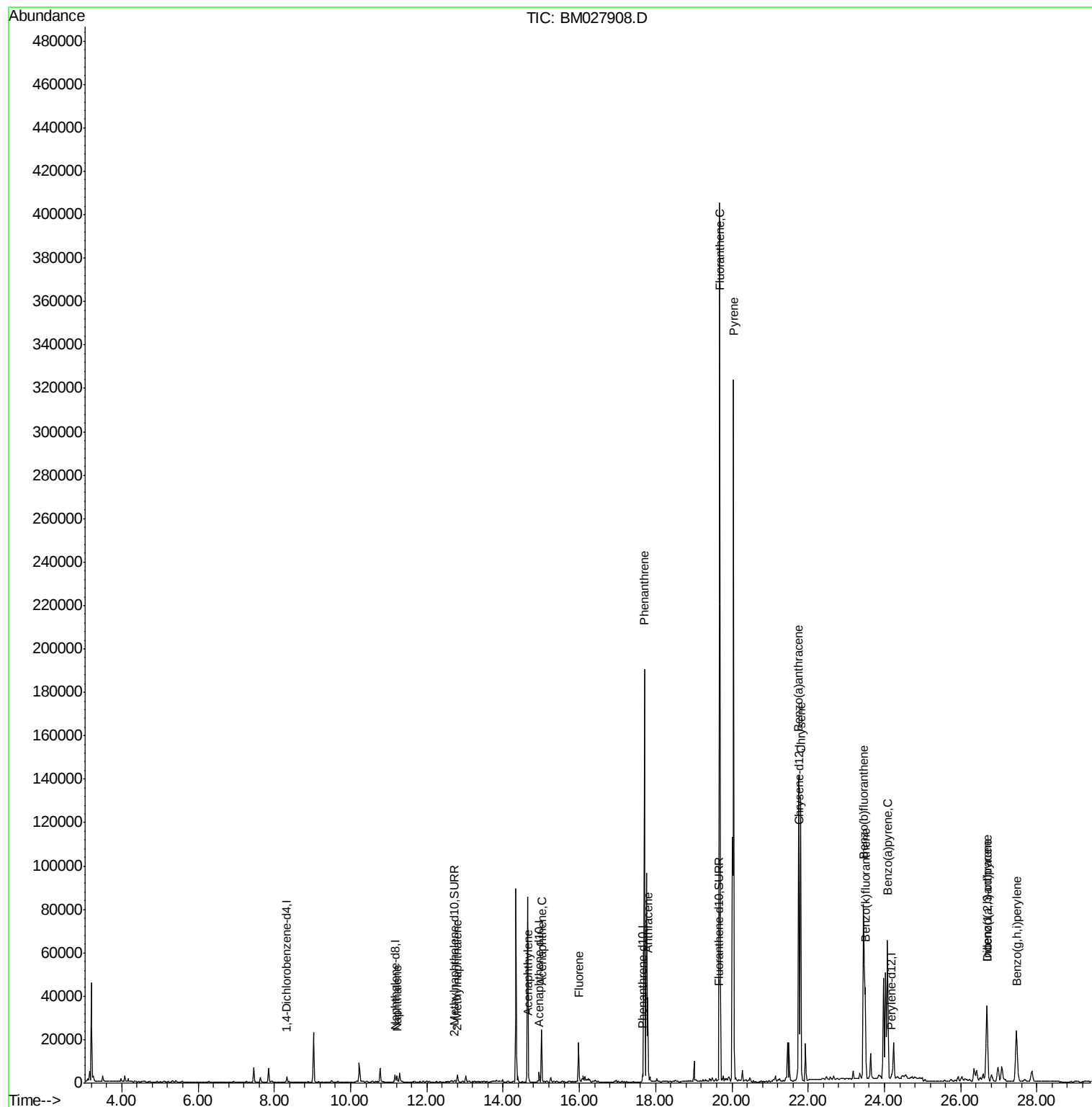
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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ALS Vial : 5 Sample Multiplier: 1

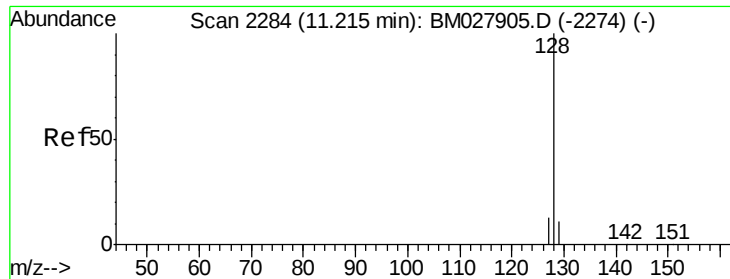
Instrument :
BNA_M
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C0B33DL

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Quant Time: Nov 23 12:52:16 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 11:35:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.264 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Instrument :

BNA_M

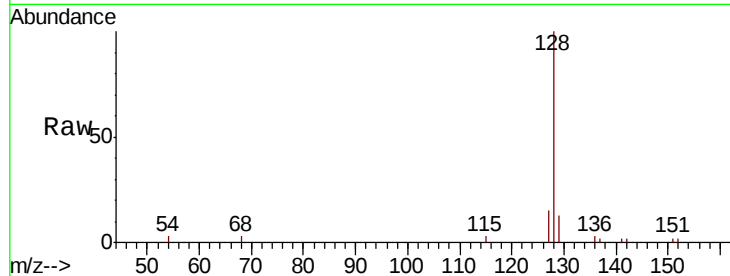
ClientSampleId :

C0B33DL

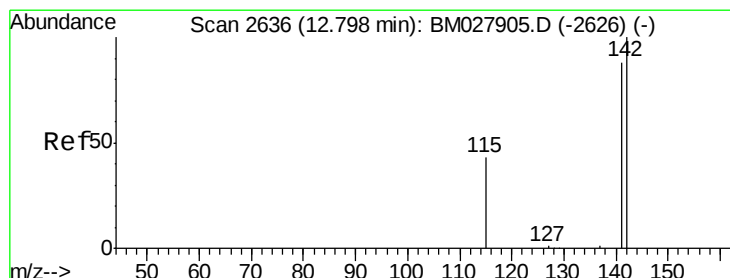
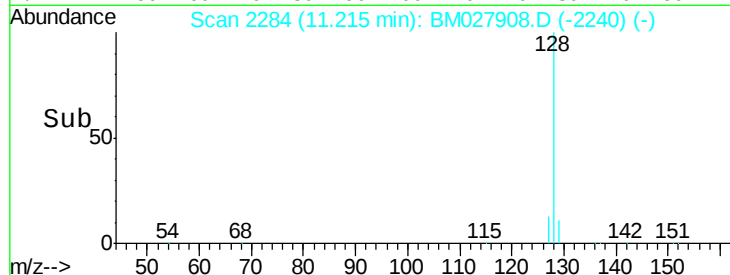
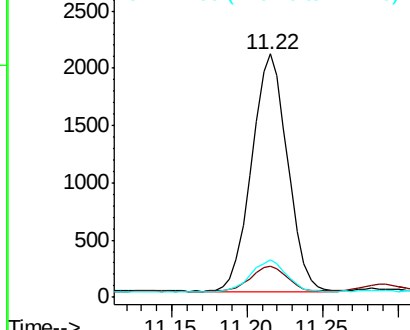
Tot Ion:	128	Resp:	3417
Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.4	15.6
127	15.5	12.0	18.0

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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



#5

2-Methylnaphthalene

Concen: 0.239 ng/ul

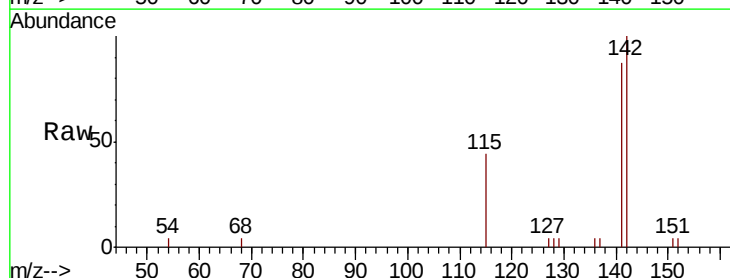
RT: 12.80 min Scan# 2637

Delta R.T. 0.00 min

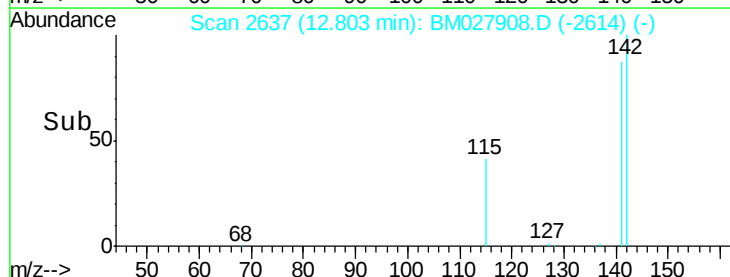
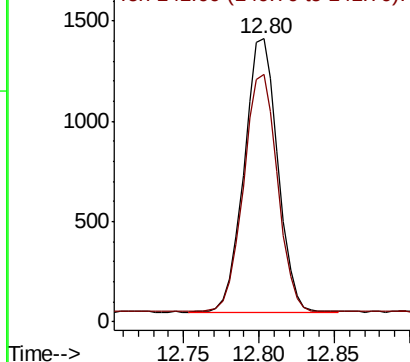
Lab File: BM027908.D

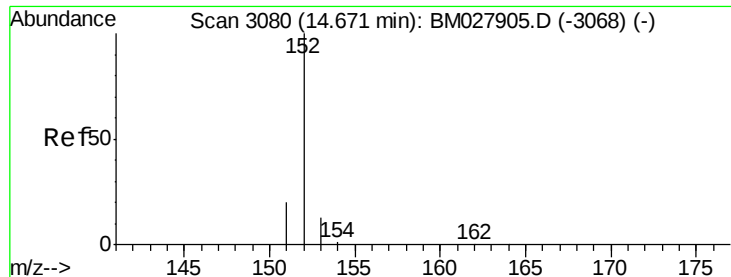
Acq: 23 Nov 2020 11:58

Tgt Ion:	142	Resp:	2103
Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.6	107.4



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





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Instrument :

BNA_M

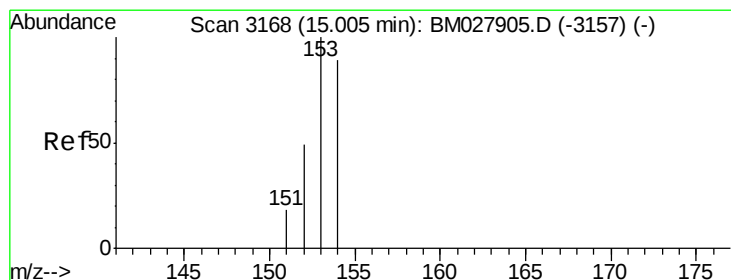
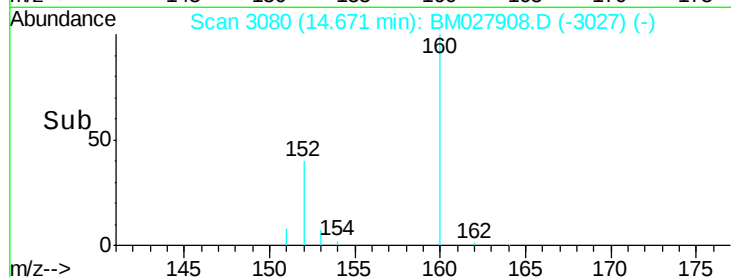
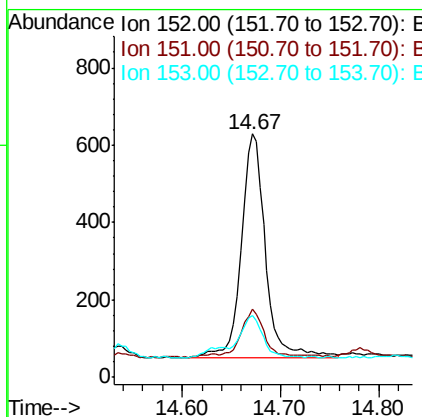
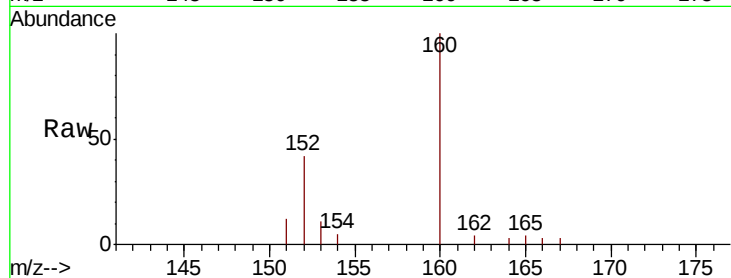
ClientSampleId :

C0B33DL

Tot Ion:	152	Resp:	982
Ion Ratio	Lower	Upper	
152	100		
151	27.8	17.1	25.7#
153	25.3	12.0	18.0#

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#8

Acenaphthene

Concen: 1.451 ng/ul

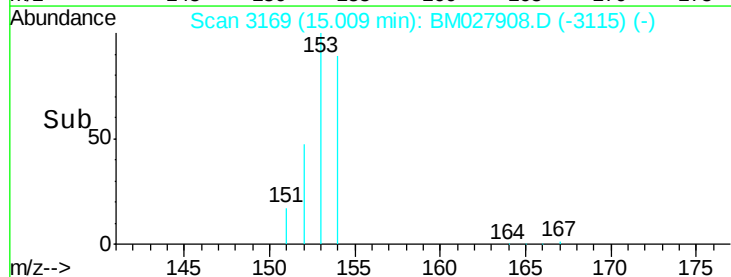
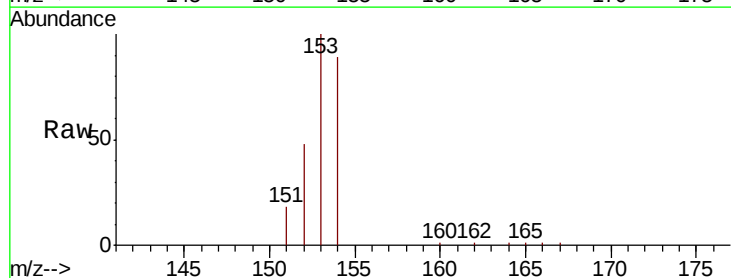
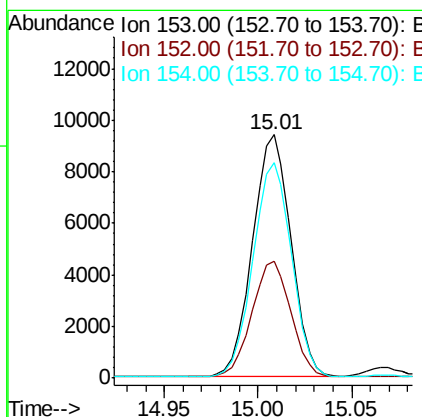
RT: 15.01 min Scan# 3168

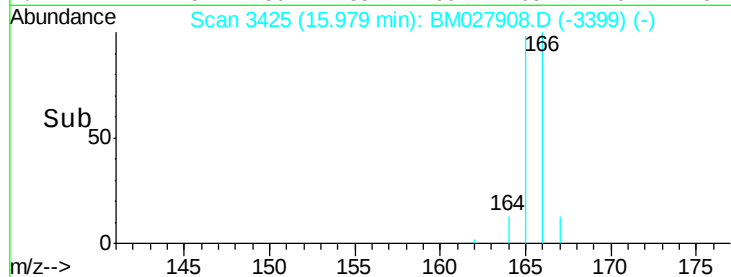
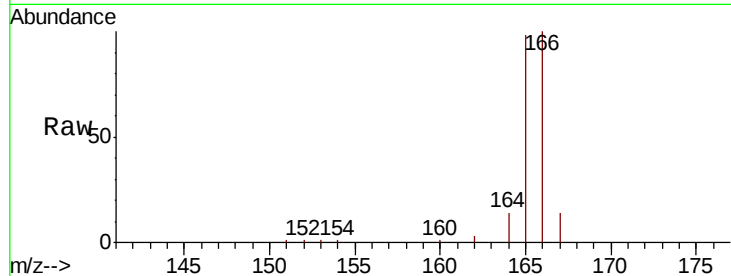
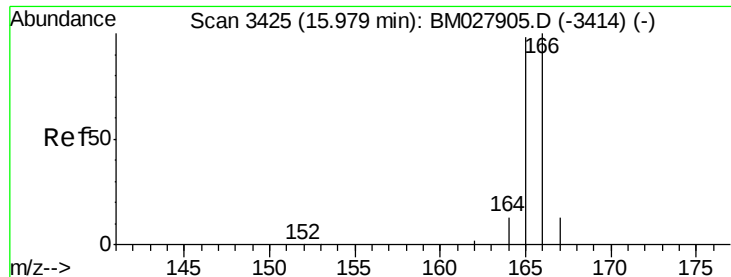
Delta R.T. 0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Tgt Ion:	153	Resp:	13379
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.0	58.6
154	88.6	71.6	107.4





#9

Fluorene

Concen: 1.033 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Tot Ion:	166	Resp:	11054
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.1	117.1
167	14.1	11.8	17.8

Instrument :

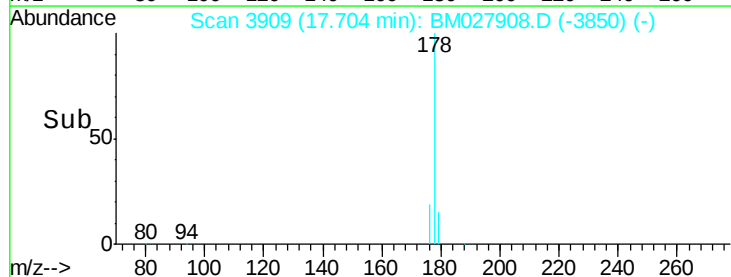
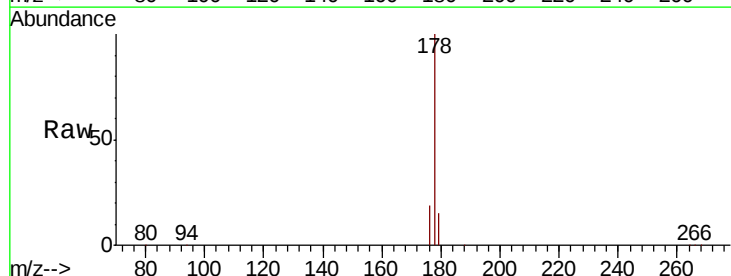
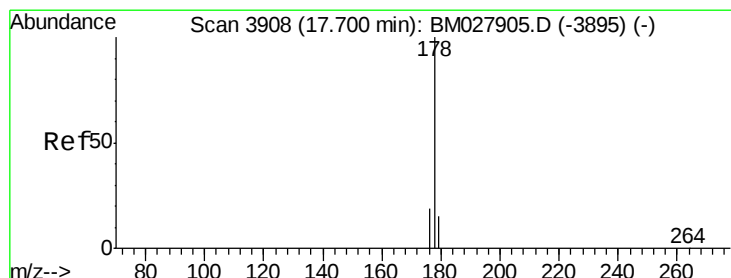
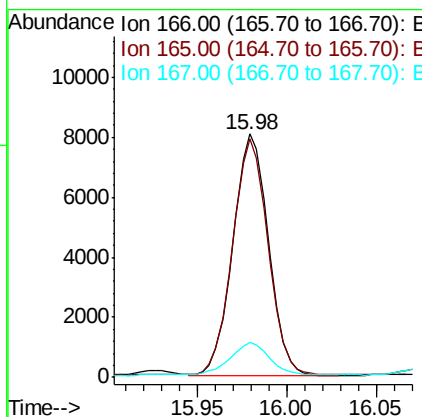
BNA_M

ClientSampleId :

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#12

Phenanthrene

Concen: 13.675 ng/ul

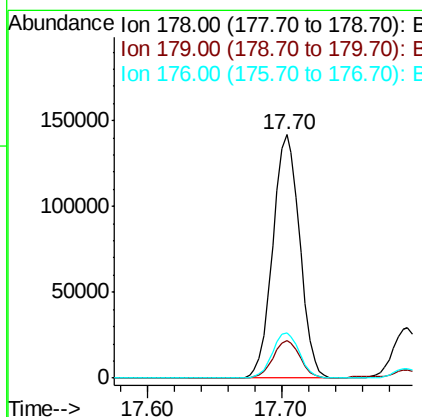
RT: 17.70 min Scan# 3909

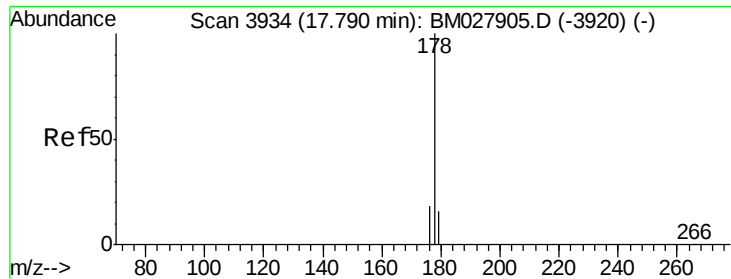
Delta R.T. 0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Tgt Ion:	178	Resp:	196462
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.8	16.1	24.1





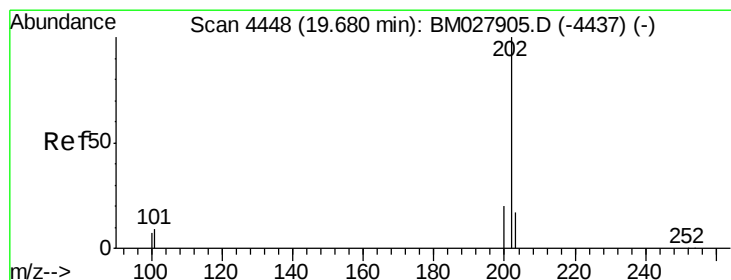
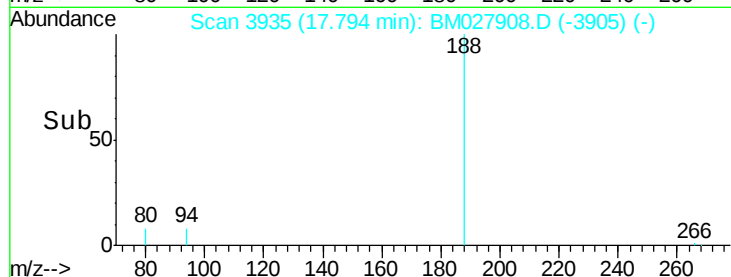
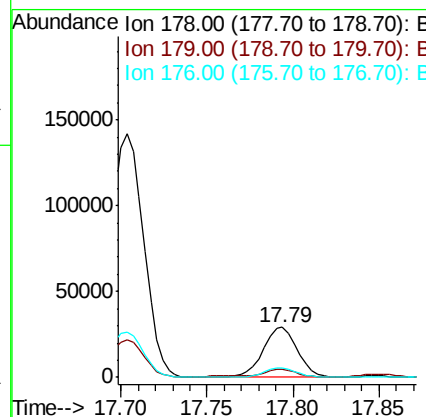
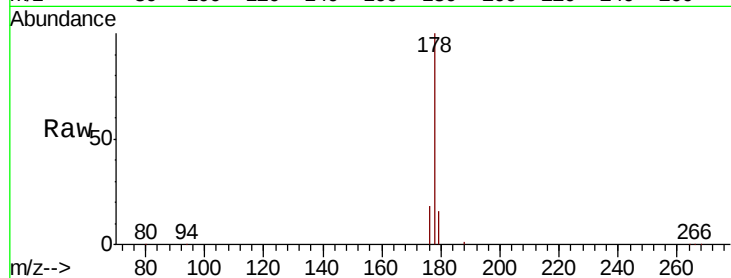
#13
 Anthracene
 Concen: 2.846 ng/ul
 RT: 17.79 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: BM027908.D
 Acq: 23 Nov 2020 11:58

Instrument :
 BNA_M
 ClientSampleId :
 C0B33DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.2	15.0	22.6

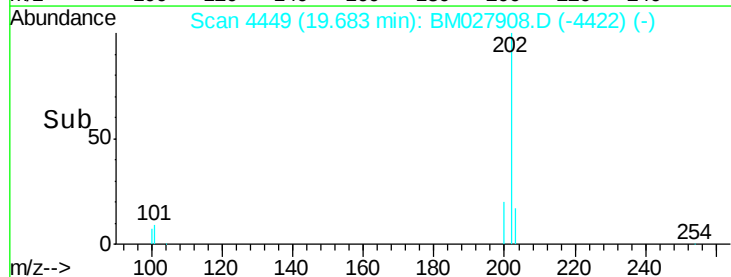
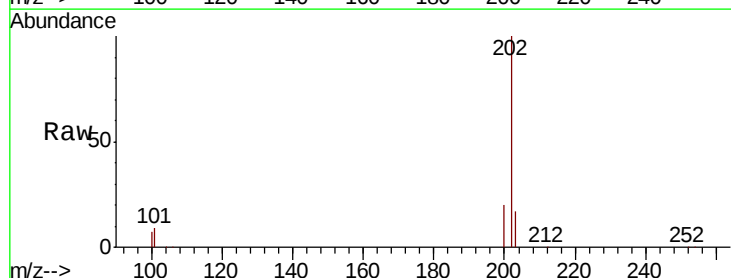
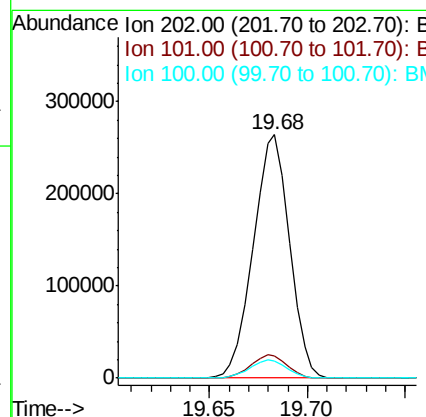
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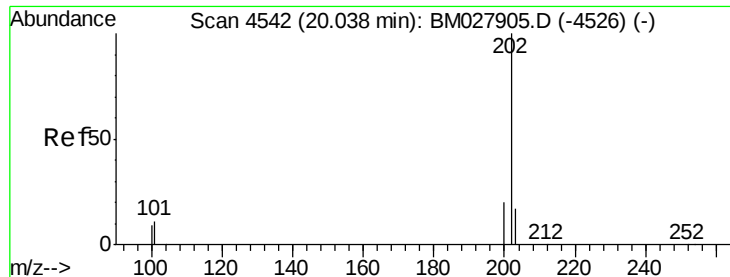
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#15
 Fluoranthene
 Concen: 21.345 ng/ul
 RT: 19.68 min Scan# 4449
 Delta R.T. 0.00 min
 Lab File: BM027908.D
 Acq: 23 Nov 2020 11:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.3
100	7.0	0.0	27.4





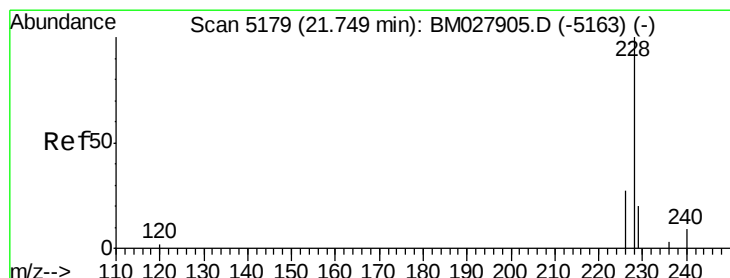
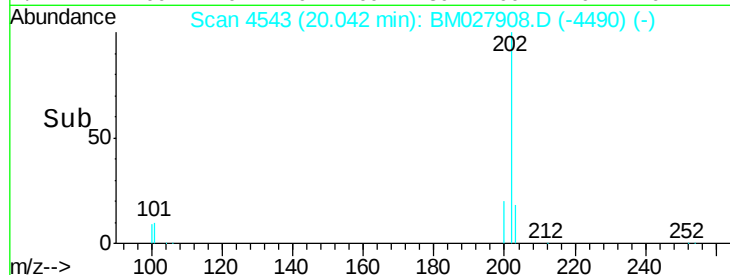
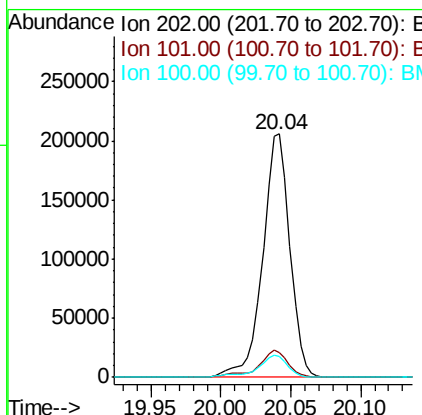
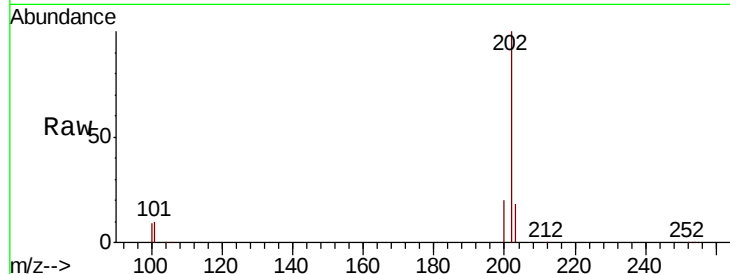
#17
Pvrene
Concen: 19.884 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027908.D
Acq: 23 Nov 2020 11:58

Instrument :
BNA_M
ClientSampled :
C0B33DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		276802		
101	10.4	8.2	12.2		
100	8.6	6.9	10.3		

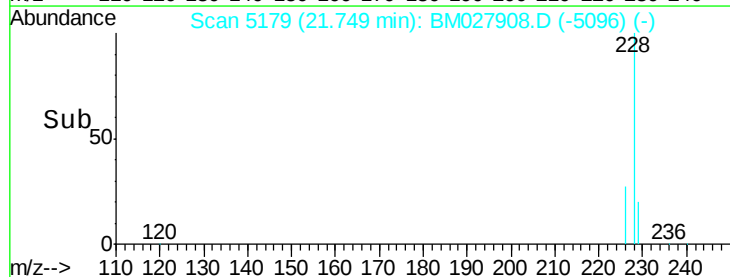
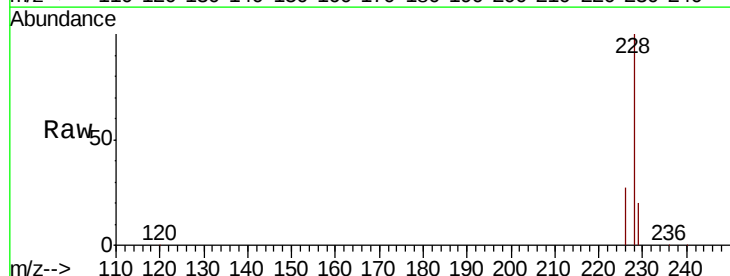
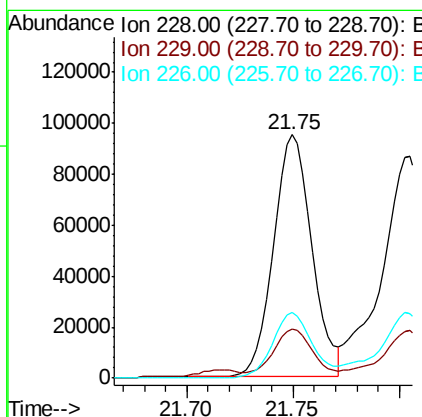
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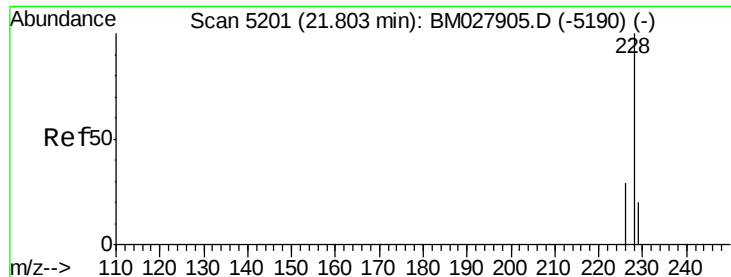
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#18
Benzo(a)anthracene
Concen: 10.846 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027908.D
Acq: 23 Nov 2020 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		119946		
229	20.3	16.2	24.4		
226	26.9	21.5	32.3		





#19

Chrysene

Concen: 11.999 ng/ul

RT: 21.80 min Scan# 5202

Delta R.T. 0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Instrument :

BNA_M

ClientSampleId :

C0B33DL

Tot Ion:228 Resp: 129250

Ion Ratio Lower Upper

228 100

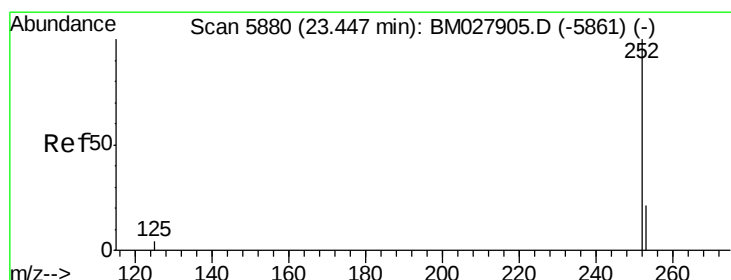
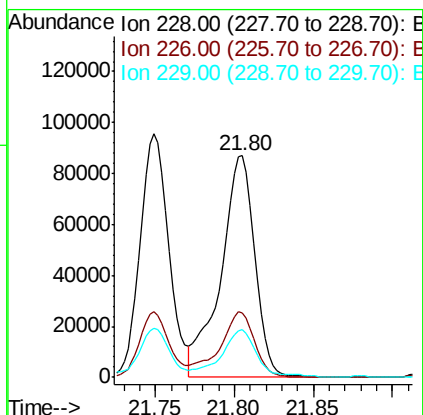
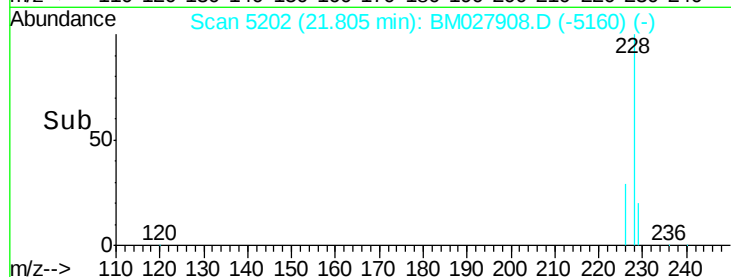
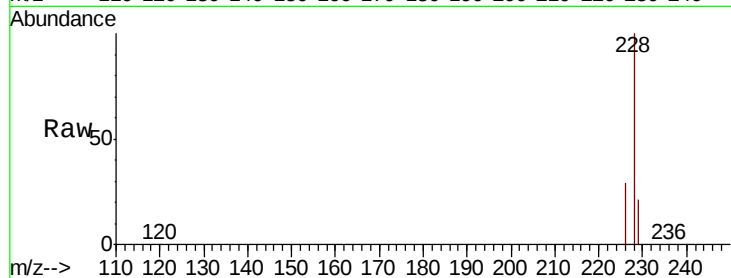
226 29.4 24.1 36.1

229 21.4 16.6 24.8

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#21

Benzo(b)fluoranthene

Concen: 12.887 ng/ul m

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

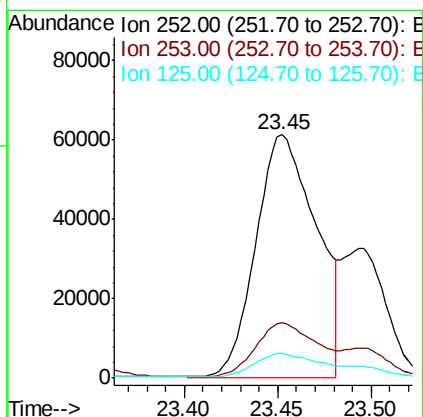
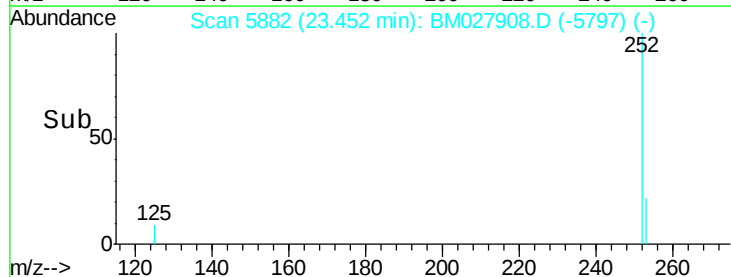
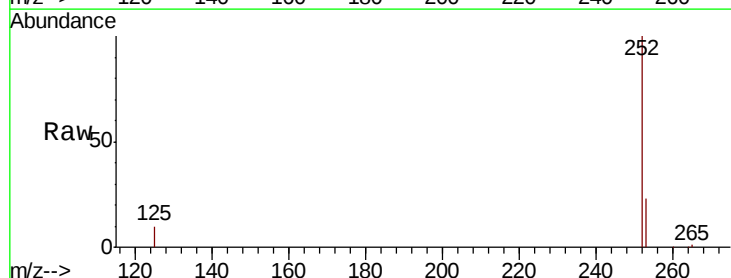
Tgt Ion:252 Resp: 139078

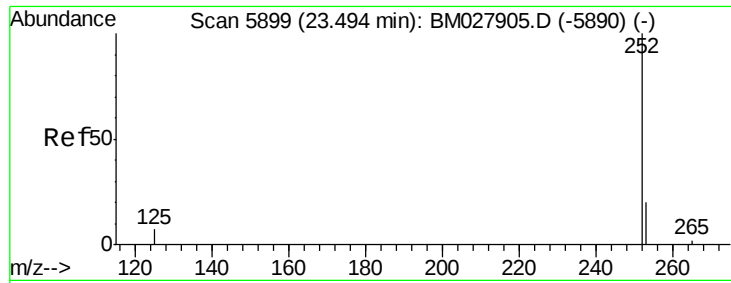
Ion Ratio Lower Upper

252 100

253 22.8 0.0 59.6

125 10.0 0.0 28.4





#22

Benzo(k)fluoranthene

Concen: 5.117 ng/ul m

RT: 23.49 min Scan# 5899

Delta R.T. -0.00 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Instrument :

BNA_M

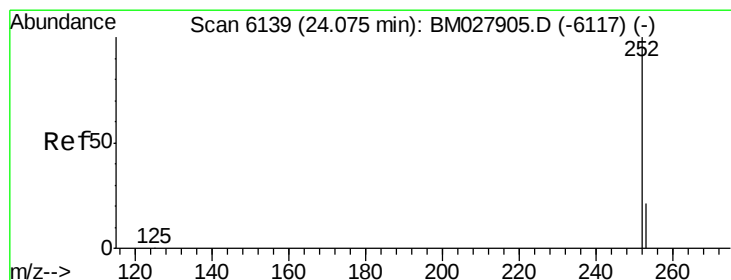
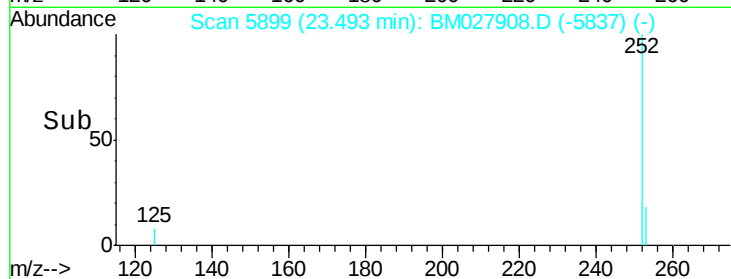
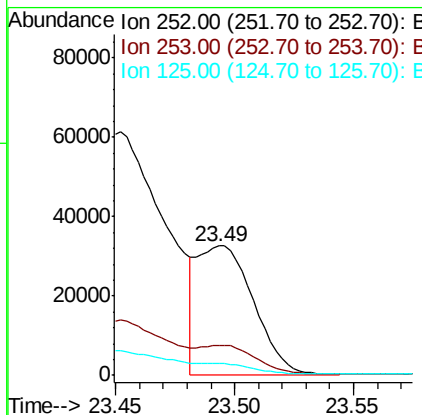
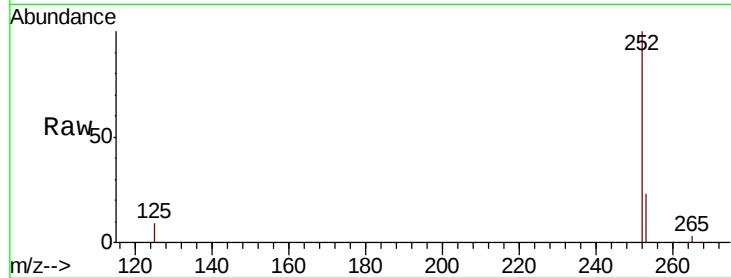
ClientSampleId :

C0B33DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	23.2	34.8
125	9.3	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 10.006 ng/ul

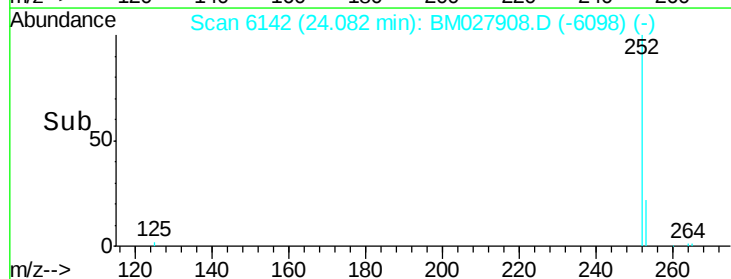
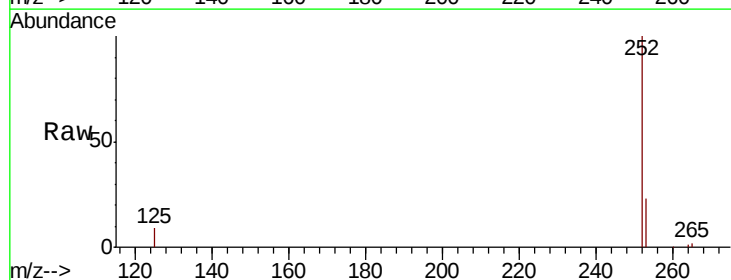
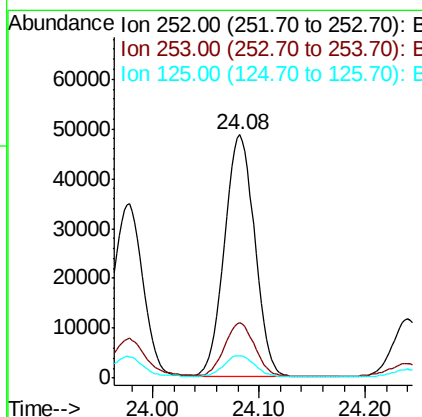
RT: 24.08 min Scan# 6142

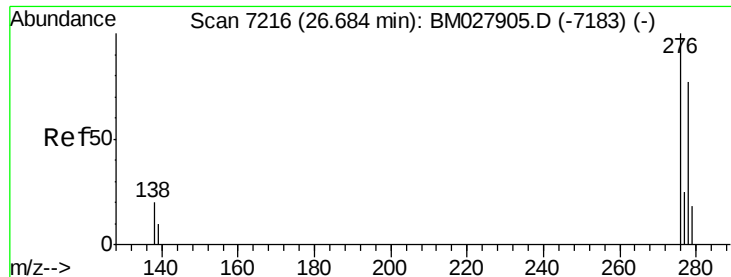
Delta R.T. 0.01 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	25.2	37.8
125	9.4	13.8	20.6





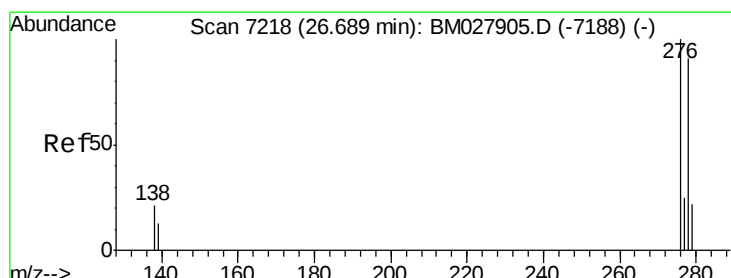
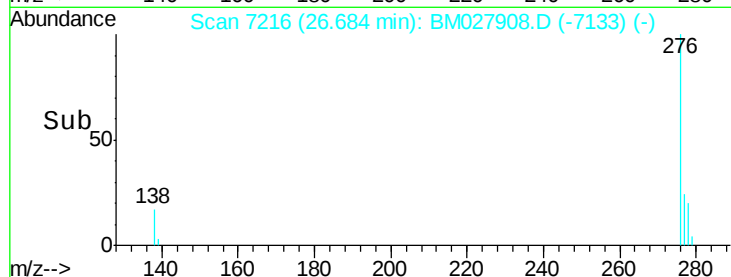
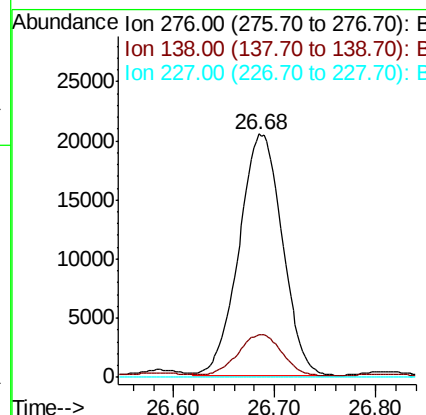
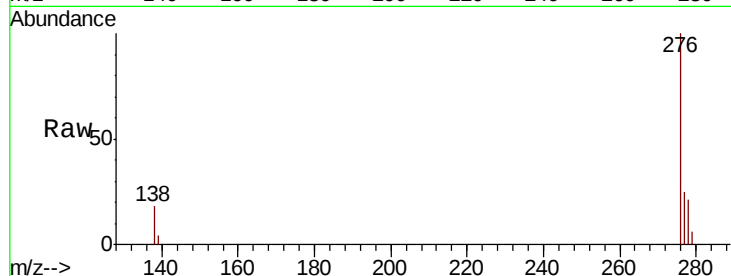
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.944 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027908.D
Acq: 23 Nov 2020 11:58

Instrument :
BNA_M
ClientSampleId :
C0B33DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.7	23.5
227	0.0	0.0	0.0

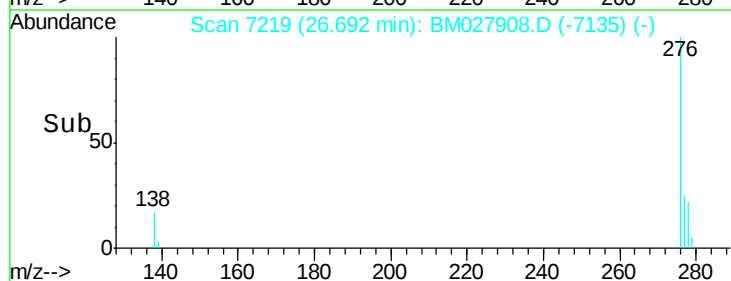
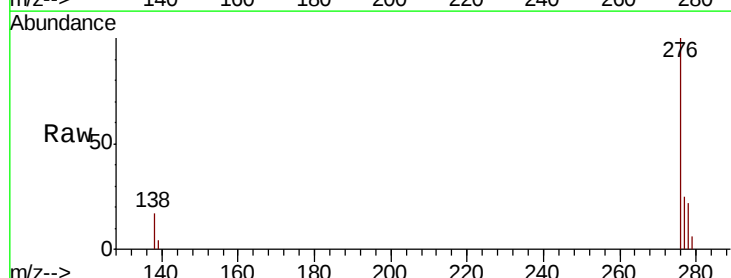
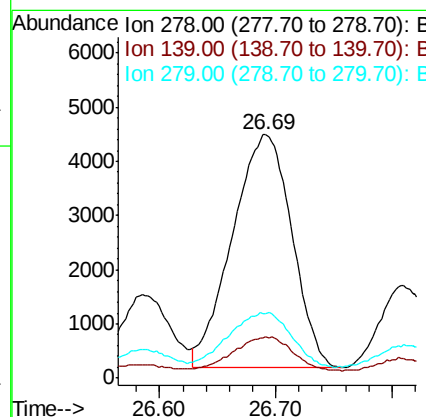
Manual Integrations
APPROVED

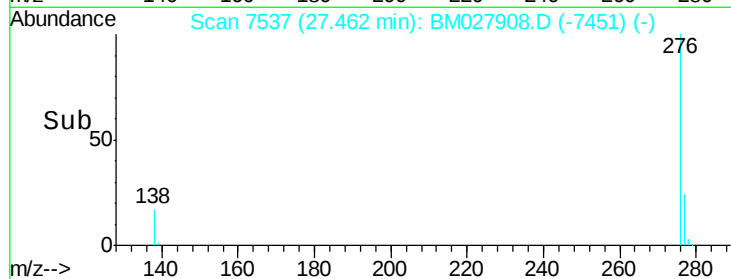
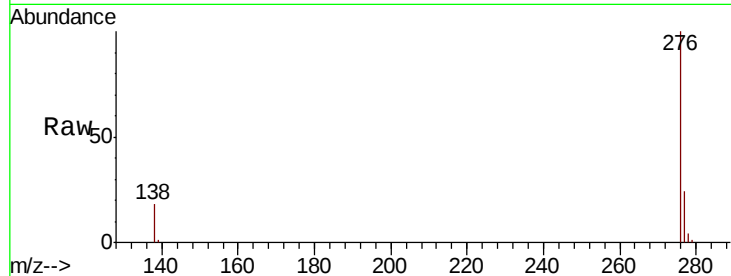
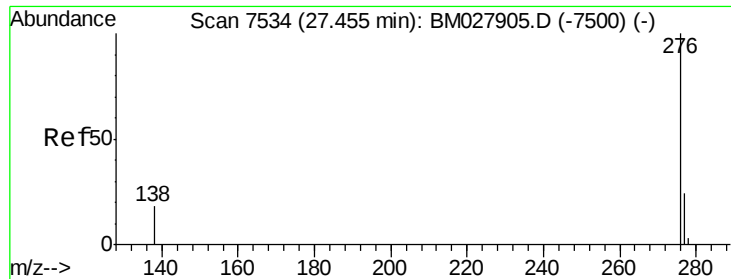
mohammad
11/25/2020 12:44:12 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.802 ng/ul
RT: 26.69 min Scan# 7219
Delta R.T. 0.00 min
Lab File: BM027908.D
Acq: 23 Nov 2020 11:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.8	22.2
279	26.4	25.8	38.6





#26

Benzo(a,h,i)perylene

Concen: 6.289 ng/ul

RT: 27.46 min Scan# 7537

Delta R.T. 0.01 min

Lab File: BM027908.D

Acq: 23 Nov 2020 11:58

Tot Ion:	276	Resp:	53911
Ion Ratio	Lower	Upper	
276	100		
138	17.7	17.4	26.2
277	24.2	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

C0B33DL

Manual Integrations
APPROVED

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11/25/2020 12:44:12 PM

