

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027936.D
 Acq On : 24 Nov 2020 11:05
 Operator : JU/CG
 Sample : L4749-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B69

Manual Integrations
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mohammad
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Quant Time: Nov 24 12:20:53 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	1077	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2530	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4448	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2484	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2274	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	896	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1340	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	645	0.050	ng/ul#	78
5) 2-Methylnaphthalene	12.79	142	432	0.050	ng/ul	97
7) Acenaphthylene	14.67	152	528	0.043	ng/ul#	52
8) Acenaphthene	15.00	153	912	0.099	ng/ul	96
9) Fluorene	15.98	166	1203	0.112	ng/ul#	97
12) Phenanthrene	17.70	178	40800	2.904	ng/ul	97
13) Anthracene	17.79	178	6447	0.476	ng/ul	100
15) Fluoranthene	19.68	202	126319	8.108	ng/ul	99
17) Pyrene	20.03	202	99726	7.905	ng/ul	98
18) Benzo(a)anthracene	21.74	228	46159	4.606	ng/ul	100
19) Chrysene	21.80	228	57284	5.868	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	71144m	7.444	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	25256m	2.699	ng/ul	
23) Benzo(a)pyrene	24.08	252	43148	5.164	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.67	276	32419	3.583	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	8024	1.065	ng/ul#	94
26) Benzo(a,h,i)perylene	27.45	276	29528	3.890	ng/ul	93

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

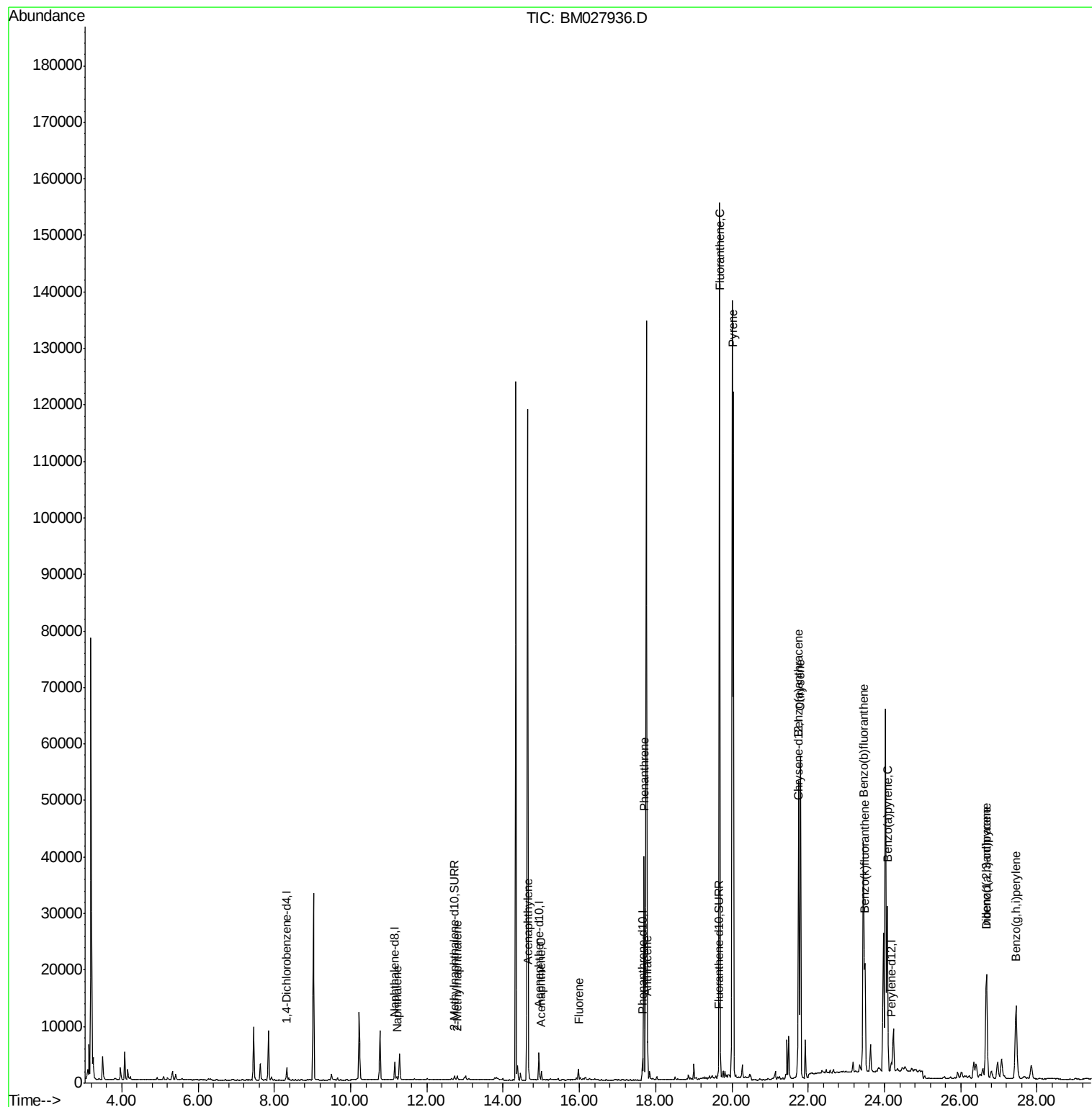
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027936.D
Acq On : 24 Nov 2020 11:05
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ALS Vial : 31 Sample Multiplier: 1

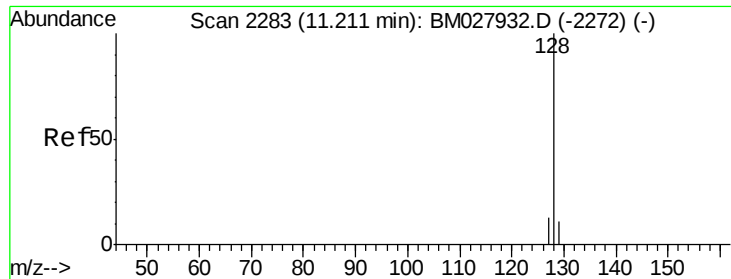
Instrument :
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Quant Time: Nov 24 12:20:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.050 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Instrument :

BNA_M

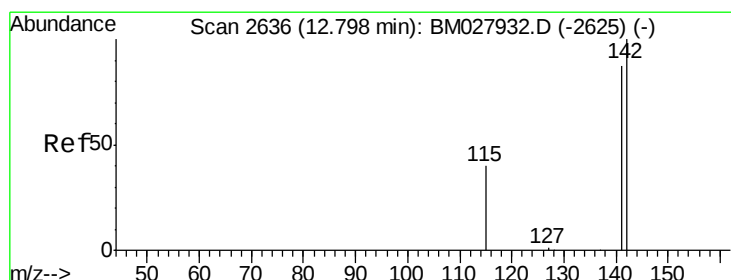
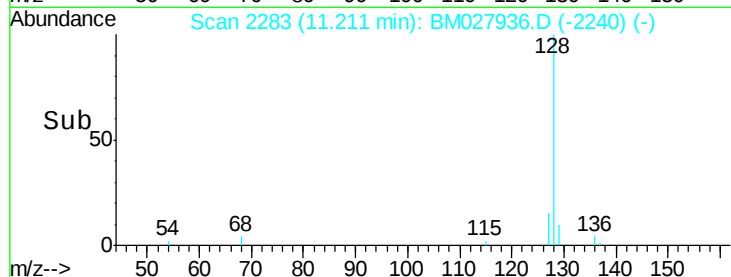
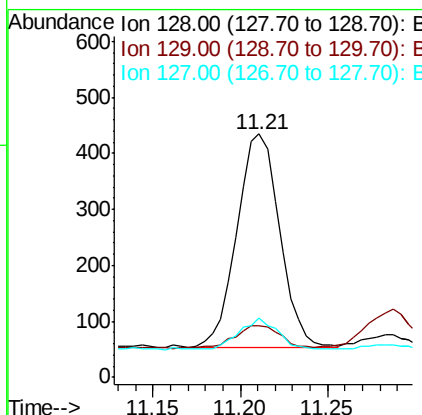
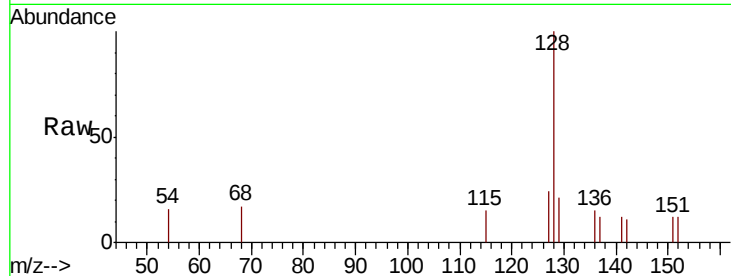
ClientSampleId :

C0B69

Tot Ion:	128	Resp:	645
Ion Ratio	Lower	Upper	
128	100		
129	21.4	10.4	15.6#
127	24.4	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

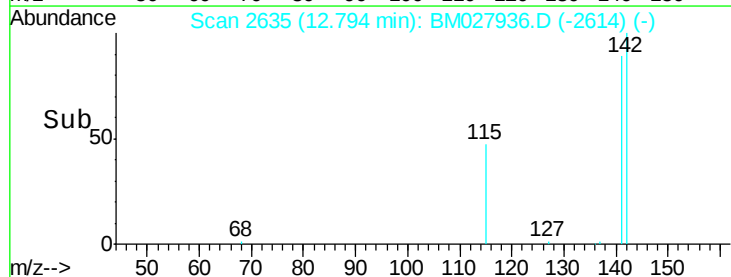
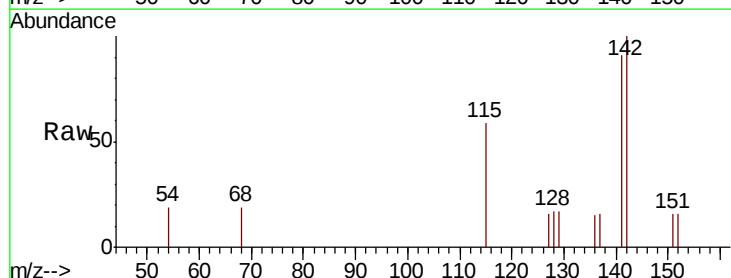
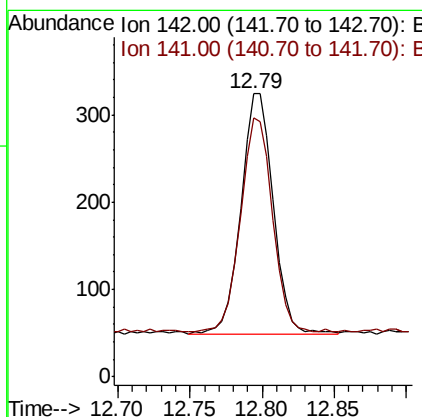
RT: 12.79 min Scan# 2635

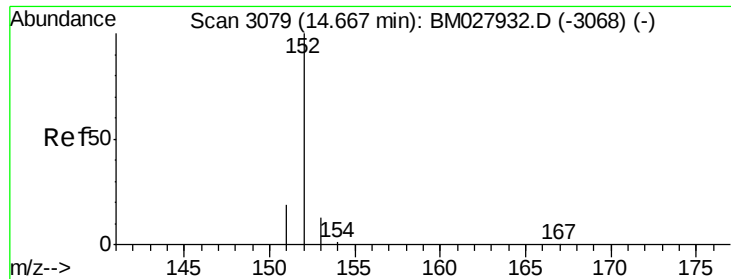
Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Tgt Ion:	142	Resp:	432
Ion Ratio	Lower	Upper	
142	100		
141	87.0	71.6	107.4





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Instrument :

BNA_M

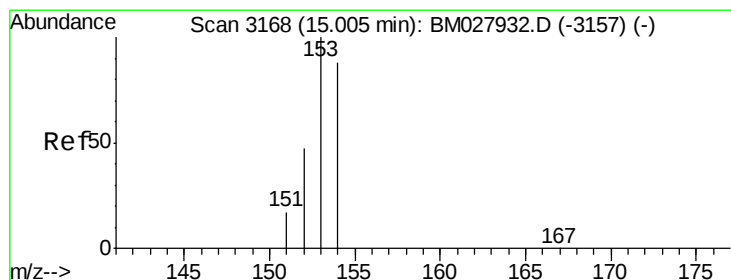
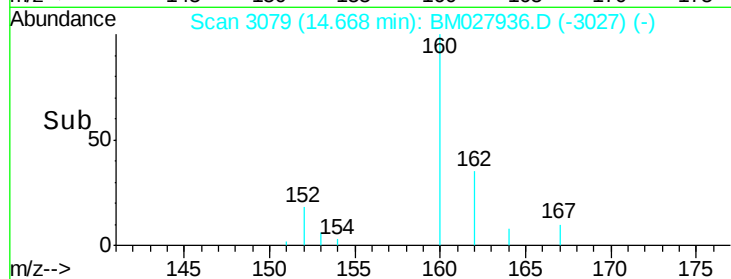
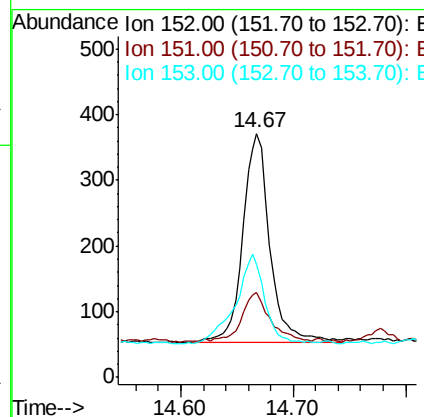
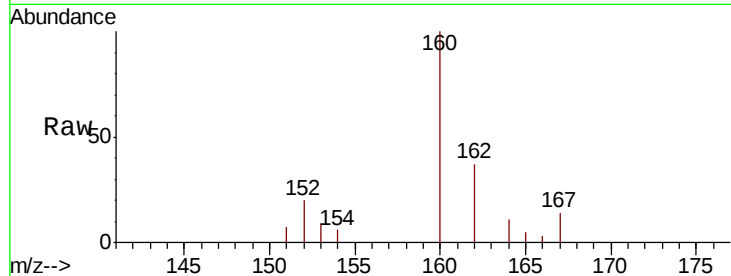
ClientSampleId :

C0B69

Tot Ion:	152	Resp:	528
Ion Ratio	Lower	Upper	
152	100		
151	35.0	17.1	25.7#
153	46.6	12.0	18.0#

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#8

Acenaphthene

Concen: 0.099 ng/ul

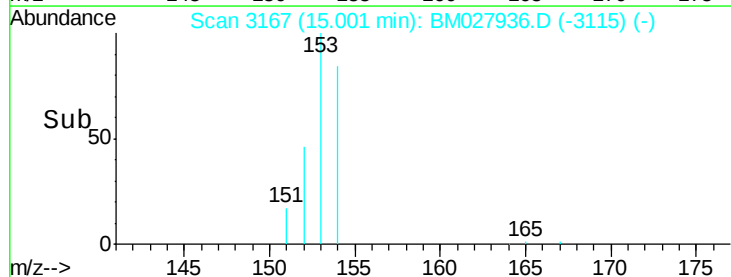
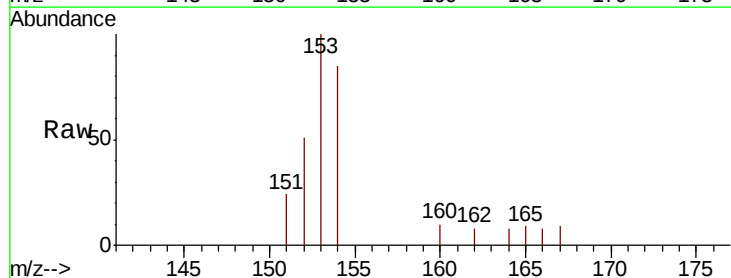
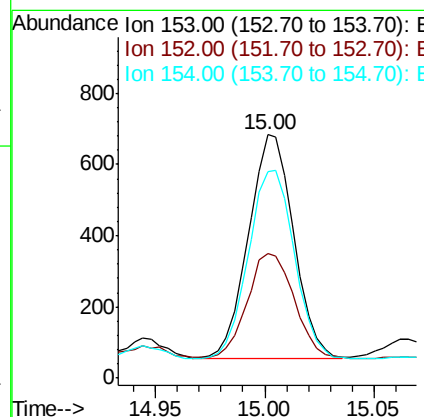
RT: 15.00 min Scan# 3167

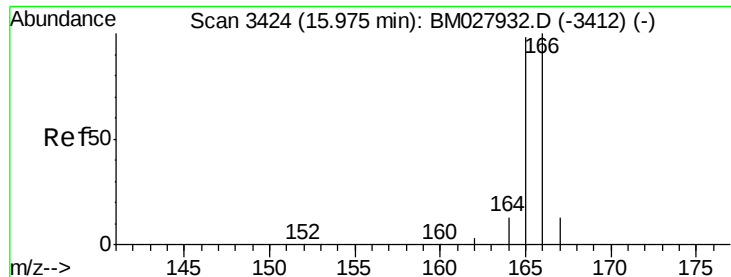
Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Tgt Ion:	153	Resp:	912
Ion Ratio	Lower	Upper	
153	100		
152	51.2	39.0	58.6
154	84.9	71.6	107.4





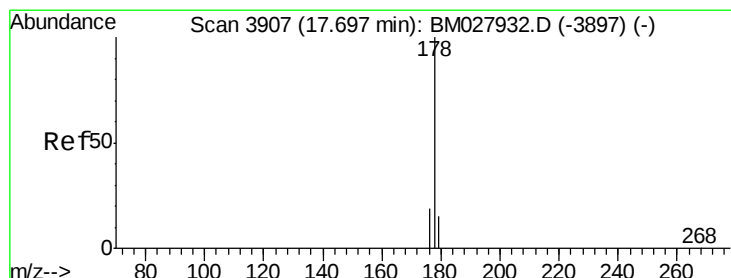
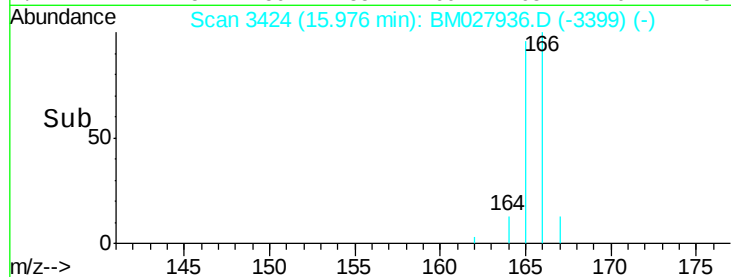
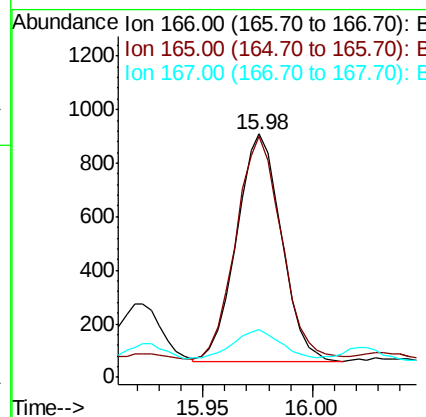
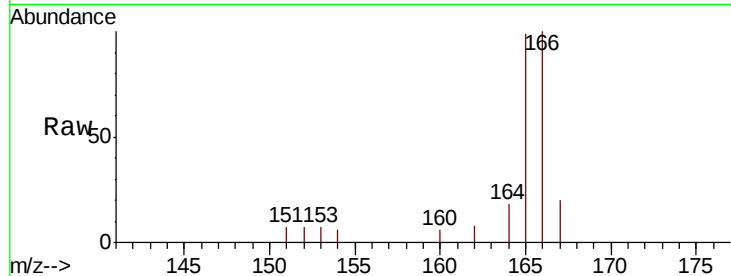
#9
Fluorene
 Concen: 0.112 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BM027936.D
 Acq: 24 Nov 2020 11:05

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.1	117.1
167	19.7	11.8	17.8

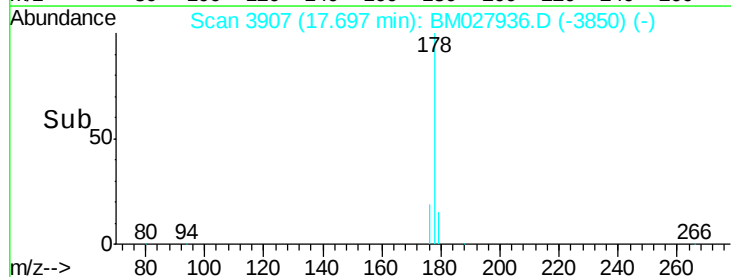
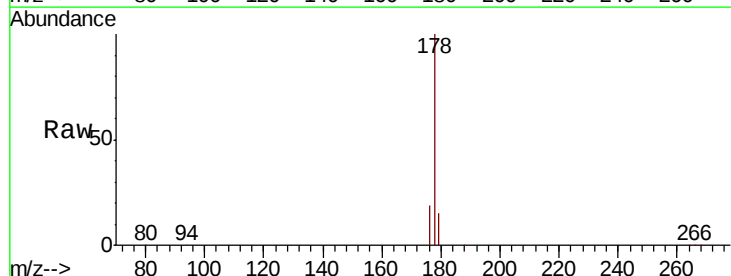
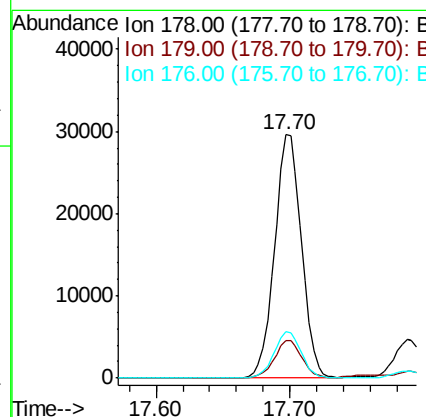
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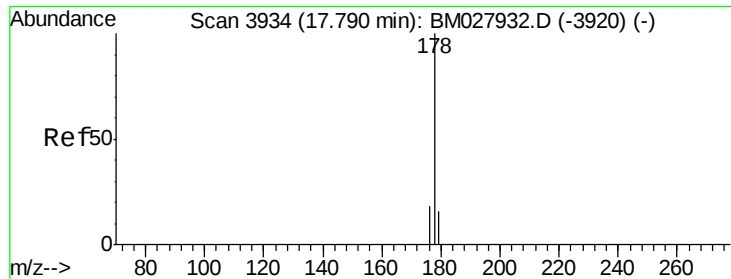
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#12
Phenanthrene
 Concen: 2.904 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. -0.00 min
 Lab File: BM027936.D
 Acq: 24 Nov 2020 11:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.0	16.1	24.1





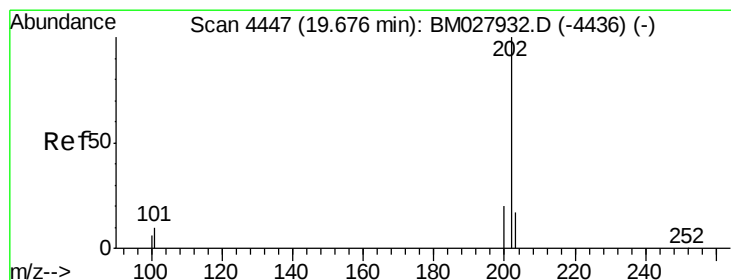
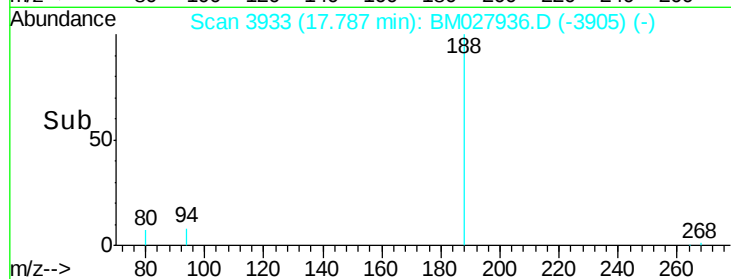
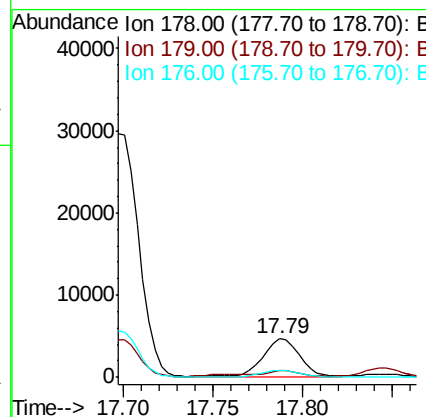
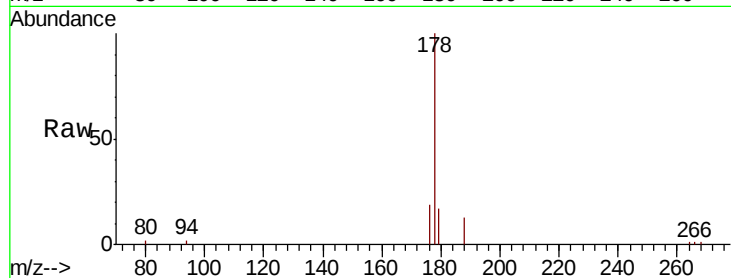
#13
 Anthracene
 Concen: 0.476 ng/ul
 RT: 17.79 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: BM027936.D
 Acq: 24 Nov 2020 11:05

Instrument :
 BNA_M
 ClientSampleId :
 C0B69

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	19.1	15.0	22.6

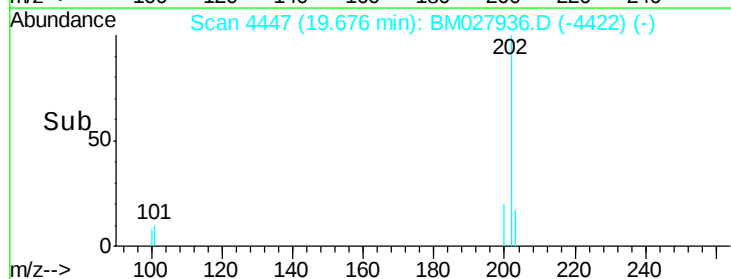
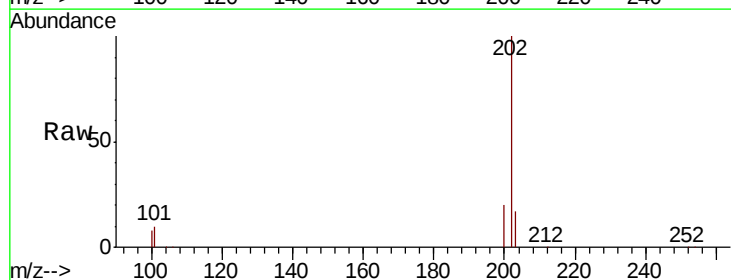
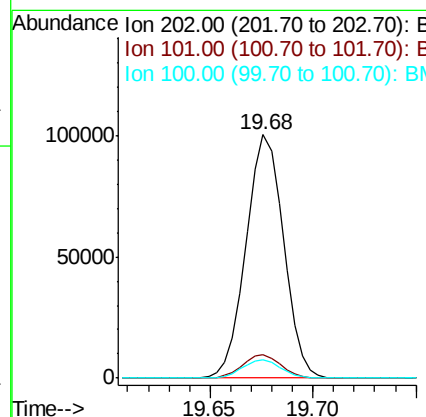
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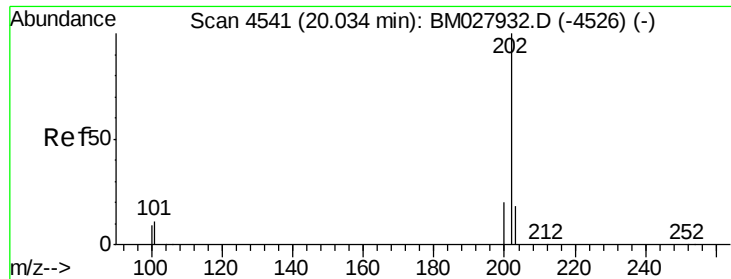
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#15
 Fluoranthene
 Concen: 8.108 ng/ul
 RT: 19.68 min Scan# 4447
 Delta R.T. -0.00 min
 Lab File: BM027936.D
 Acq: 24 Nov 2020 11:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
100	7.6	0.0	27.4





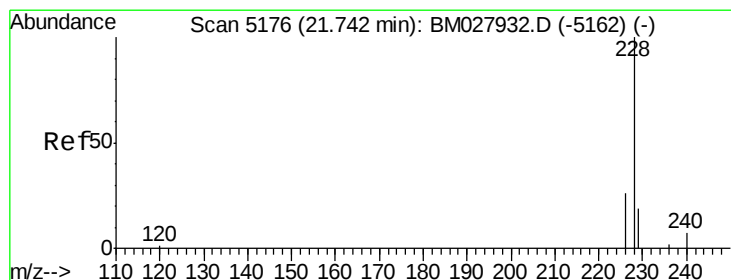
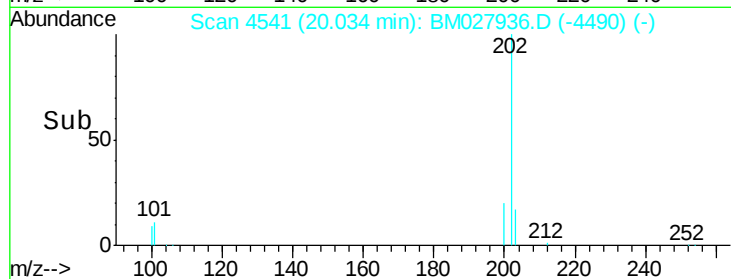
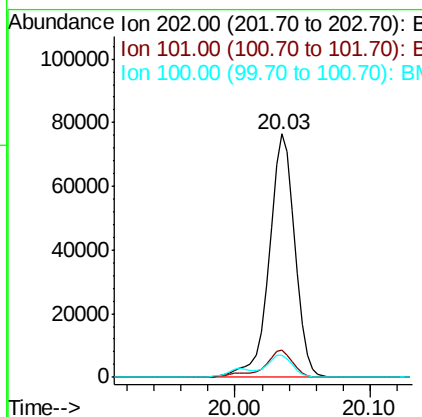
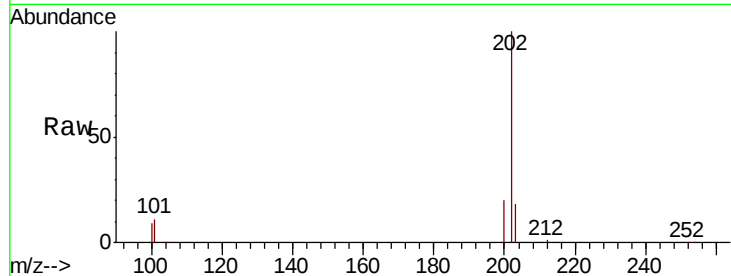
#17
Pvrene
Concen: 7.905 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027936.D
Acq: 24 Nov 2020 11:05

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	8.2	12.2
100	9.2	6.9	10.3

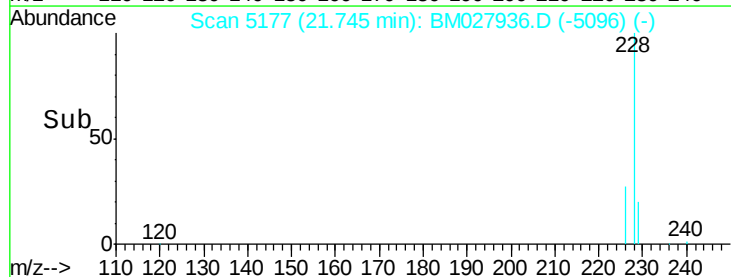
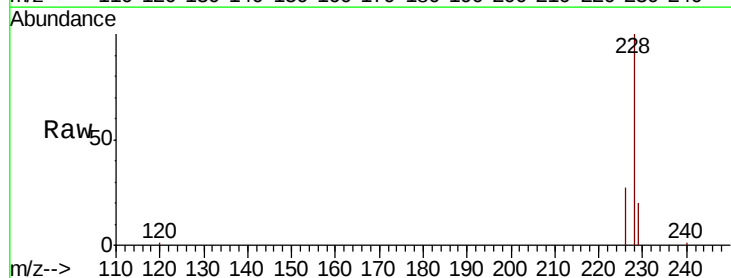
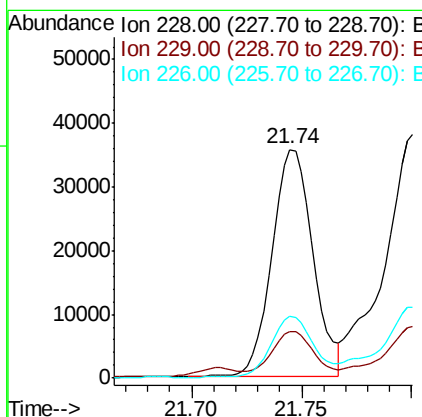
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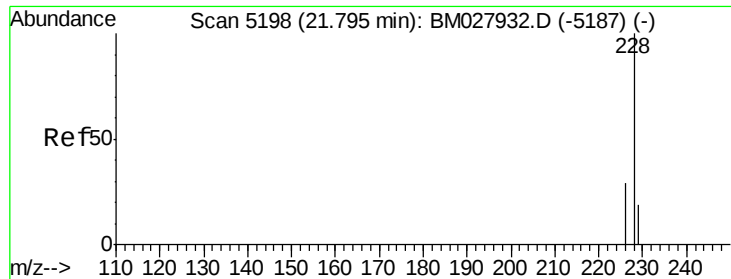
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#18
Benzo(a)anthracene
Concen: 4.606 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.00 min
Lab File: BM027936.D
Acq: 24 Nov 2020 11:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.2	24.4
226	27.0	21.5	32.3





#19

Chrysene

Concen: 5.868 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Instrument :

BNA_M

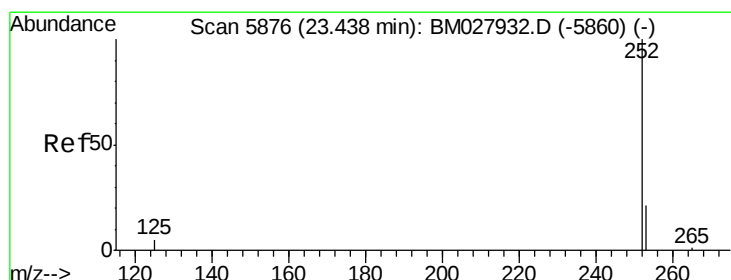
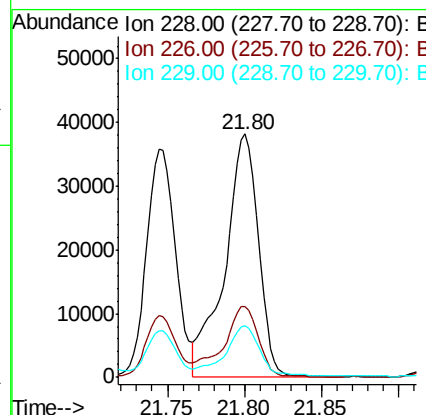
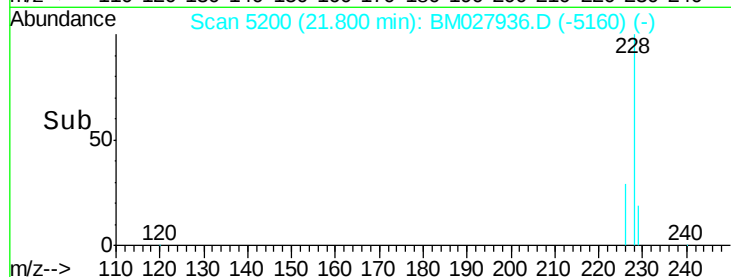
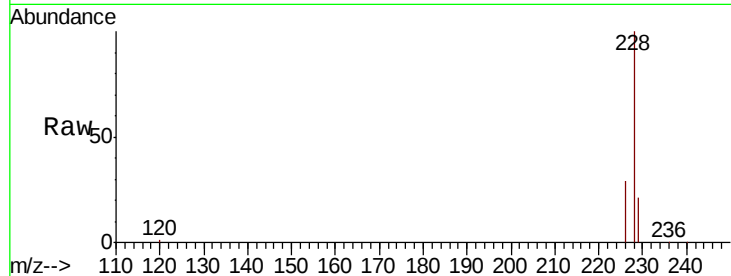
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Tot Ion:	228	Resp:	57284
Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	21.2	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 7.444 ng/ul m

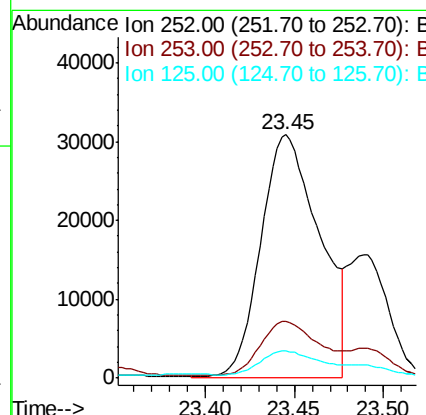
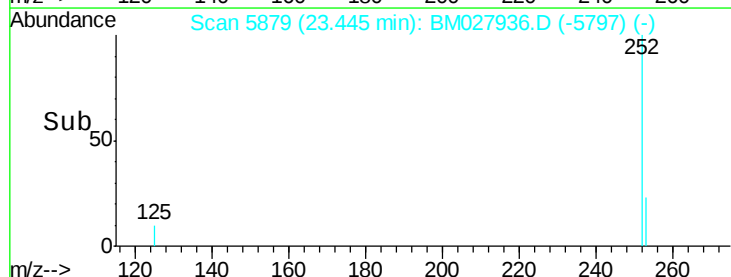
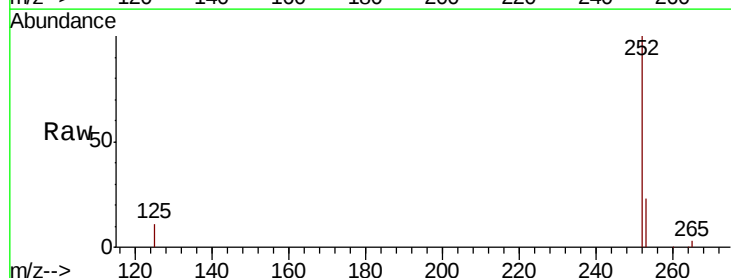
RT: 23.45 min Scan# 5879

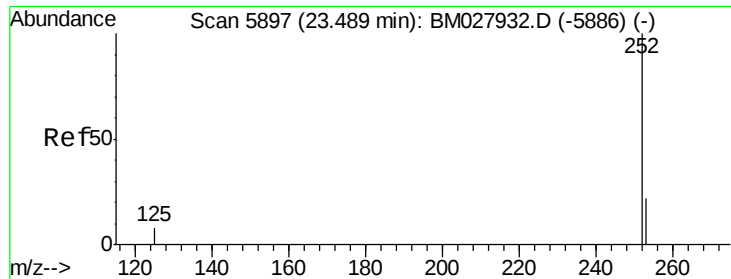
Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Tgt Ion:	252	Resp:	71144
Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	59.6
125	11.2	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 2.699 ng/ul m

RT: 23.49 min Scan# 5898

Delta R.T. -0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Instrument :

BNA_M

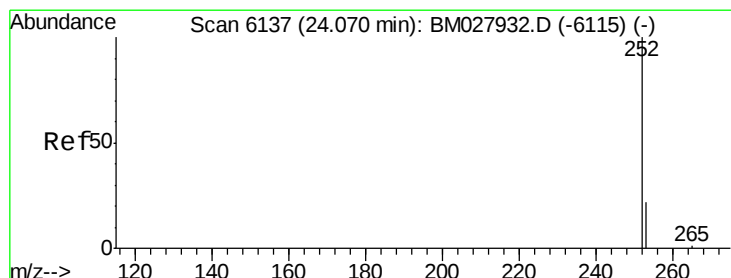
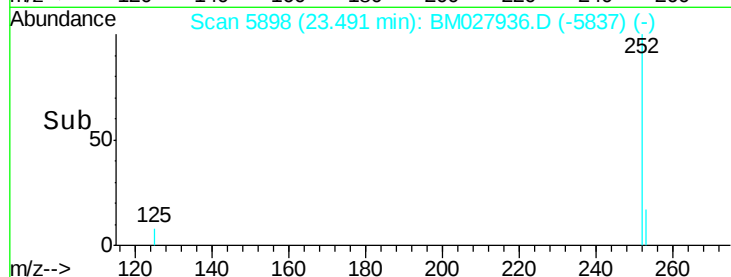
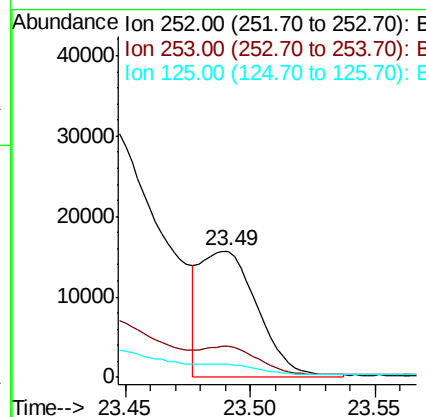
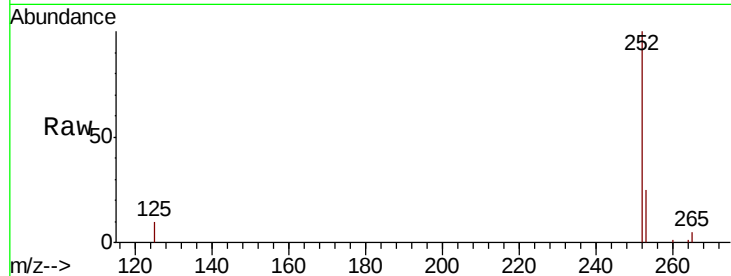
ClientSampleId :

C0B69

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	23.2	34.8
125	10.2	11.8	17.6#

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#23

Benzo(a)pyrene

Concen: 5.164 ng/ul

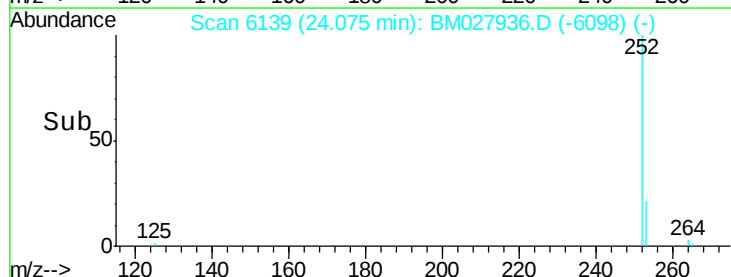
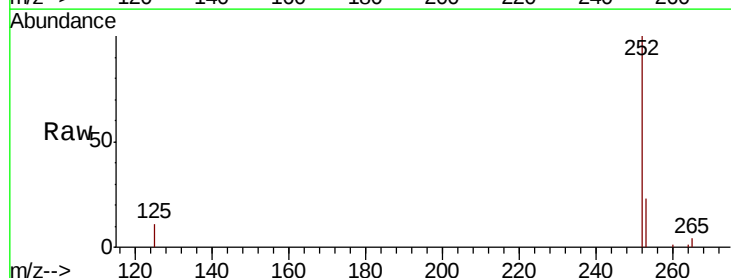
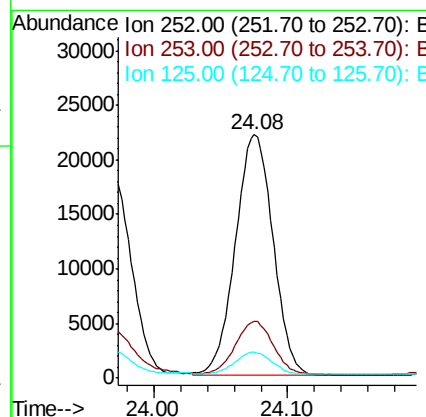
RT: 24.08 min Scan# 6139

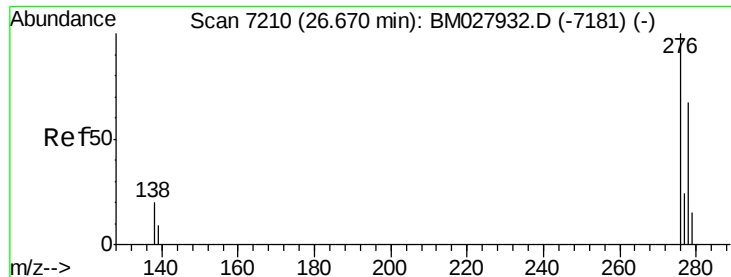
Delta R.T. 0.00 min

Lab File: BM027936.D

Acq: 24 Nov 2020 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	25.2	37.8#
125	10.6	13.8	20.6#





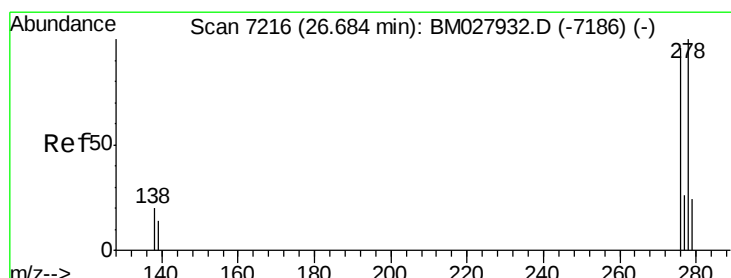
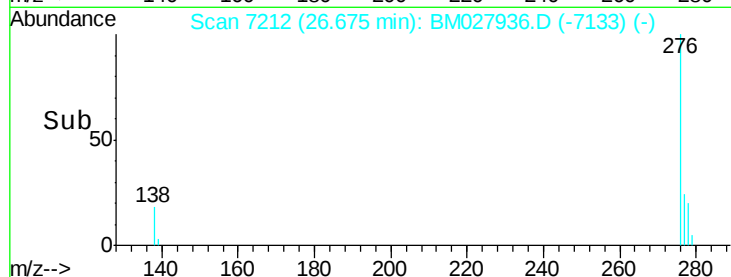
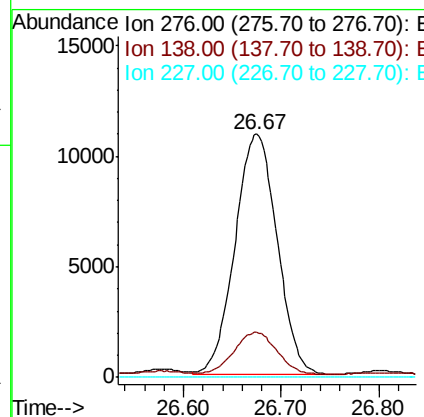
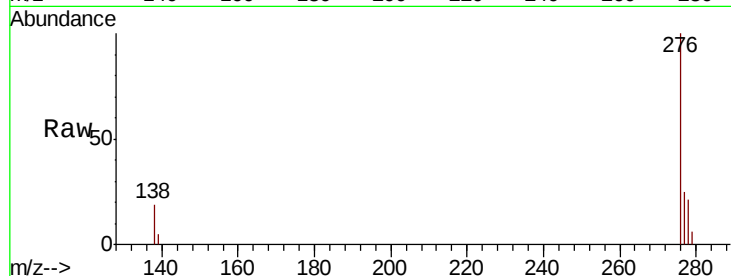
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.583 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027936.D
Acq: 24 Nov 2020 11:05

Instrument :
BNA_M
ClientSampleId :
C0B69

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0

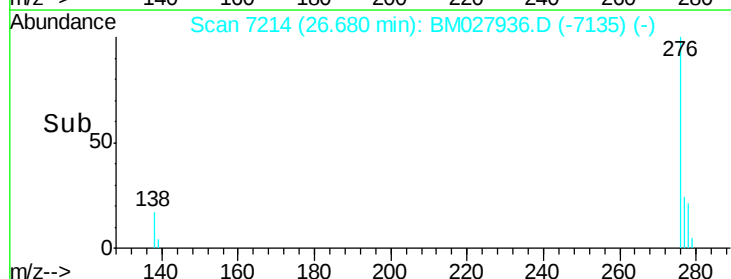
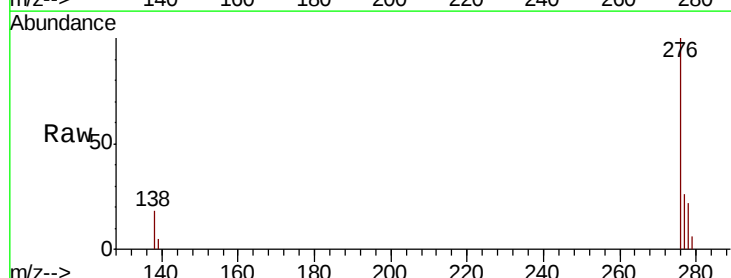
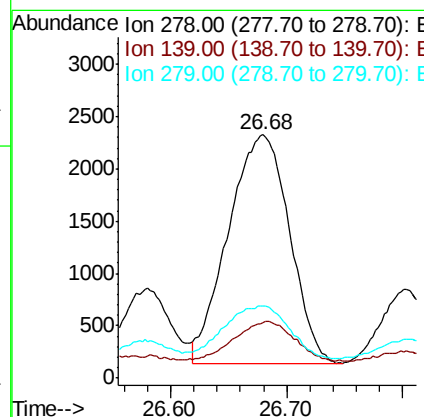
Manual Integrations
APPROVED

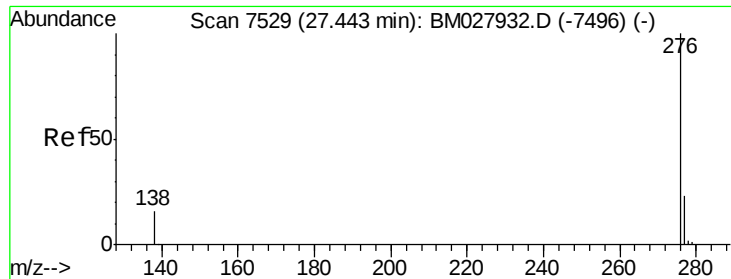
mohammad
11/25/2020 12:45:52 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.065 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027936.D
Acq: 24 Nov 2020 11:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.8	22.2#
279	29.5	25.8	38.6





#26

Benzo(a,h,i)perylene

Concen: 3.890 ng/ul

RT: 27.45 min Scan# 7532

Delta R.T. -0.00 min

Lab File: BM027936.D

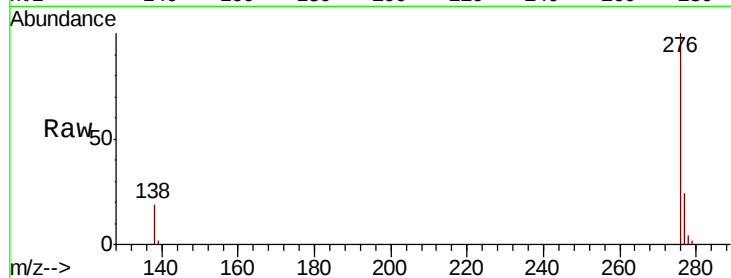
Acq: 24 Nov 2020 11:05

Instrument :

BNA_M

ClientSampleId :

C0B69



Tot Ion:	276	Resp:	29528
Ion Ratio	Lower	Upper	
276	100		
138	18.8	17.4	26.2
277	24.3	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:52 PM

