

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022029.D
 Acq On : 12 Aug 2019 13:26
 Operator : HP/JU
 Sample : K4028-08DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ0DL

Manual Integrations
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Sohil
 8/13/2019 9:57:02 AM

Quant Time: Aug 12 14:28:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 12 14:07:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	746	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3179	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1774	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3994	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4003	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4430	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	241	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	738	0.05	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	840	0.094	ng/ul#	85
5) 2-Methylnaphthalene	12.09	142	453	0.076	ng/ul	99
7) Acenaphthylene	13.99	152	2731	0.330	ng/ul#	84
8) Acenaphthene	14.33	153	1451	0.214	ng/ul	98
9) Fluorene	15.33	166	1907	0.254	ng/ul	97
12) Phenanthrene	17.06	178	35036	3.015	ng/ul	96
13) Anthracene	17.16	178	8986	0.906	ng/ul	97
15) Fluoranthene	19.09	202	75427	4.845	ng/ul	95
17) Pyrene	19.45	202	86477	5.257	ng/ul	100
18) Benzo(a)anthracene	21.21	228	48046	3.356	ng/ul	99
19) Chrysene	21.26	228	50328	2.733	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	54612m	3.656	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	21423m	1.267	ng/ul	
23) Benzo(a)pyrene	23.34	252	42700	2.811	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.64	276	24921	1.374	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	7243	0.494	ng/ul	100
26) Benzo(a,h,i)perylene	26.32	276	25431	1.557	ng/ul	97

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

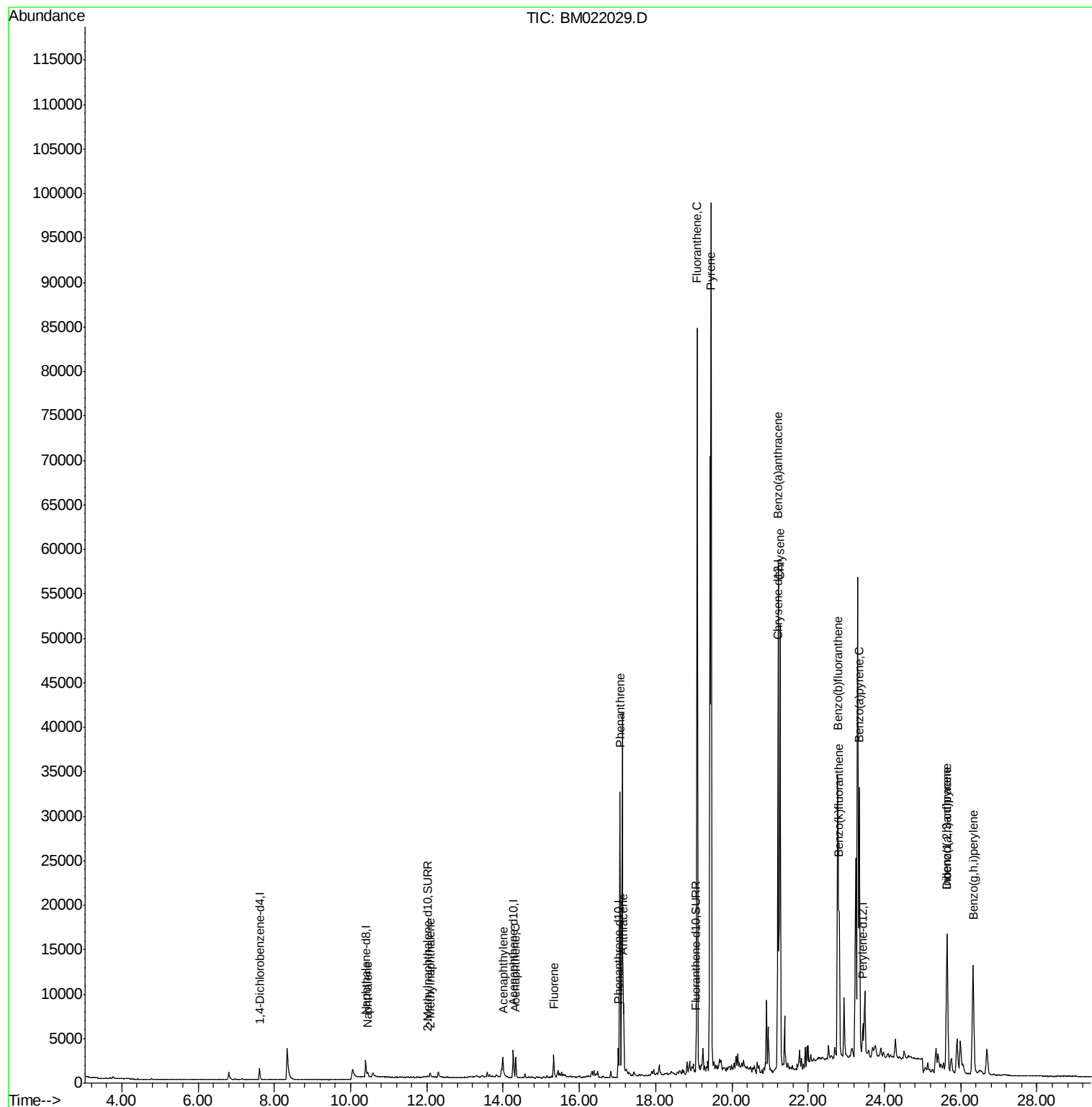
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022029.D
Acq On : 12 Aug 2019 13:26
Operator : HP/JU
Sample : K4028-08DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

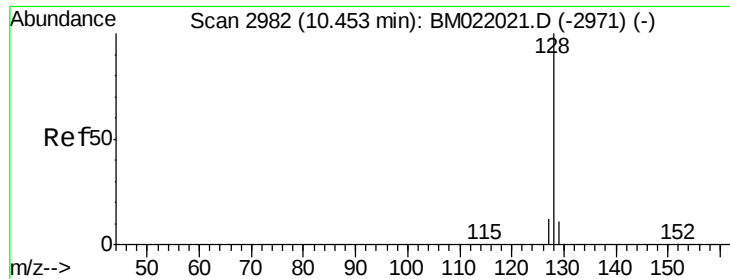
Instrument :
BNA_M
ClientSampleId :
BENZ0DL

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Quant Time: Aug 12 14:28:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.094 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Instrument :

BNA_M

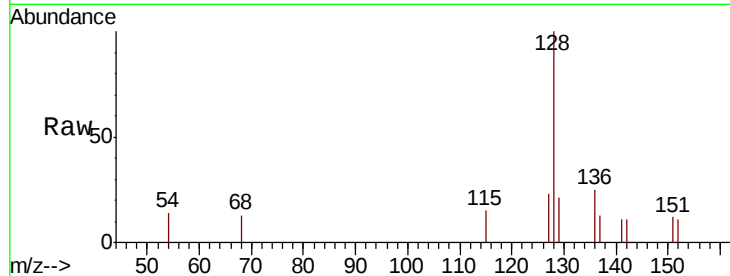
ClientSampleId :

BENZ0DL

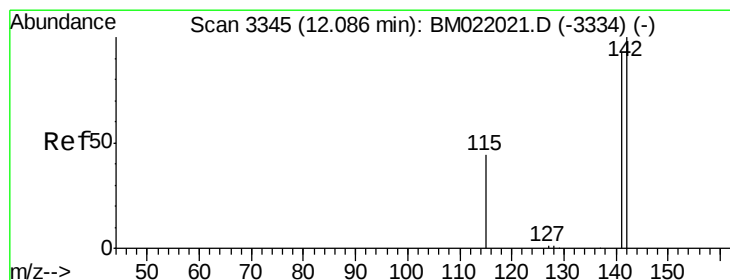
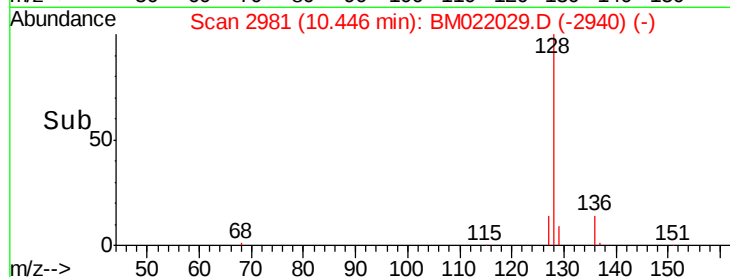
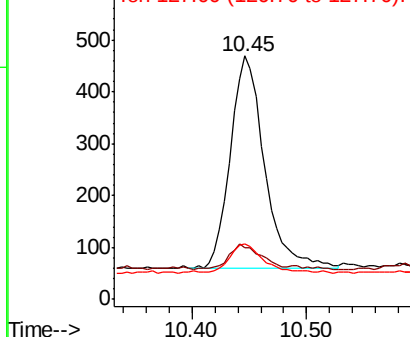
Tot Ion:128	Resp:	840
Ion Ratio	Lower	Upper
128	100	
129	21.3	12.3 18.5#
127	22.8	13.0 19.6#

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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: 0.076 ng/ul

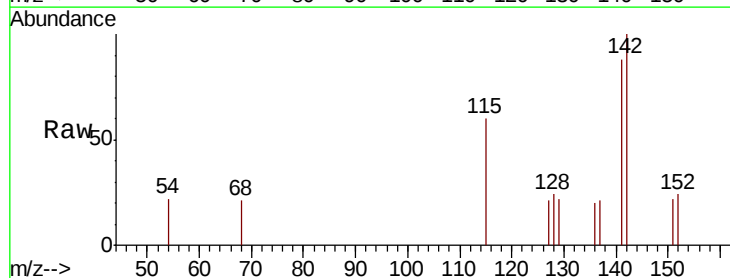
RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

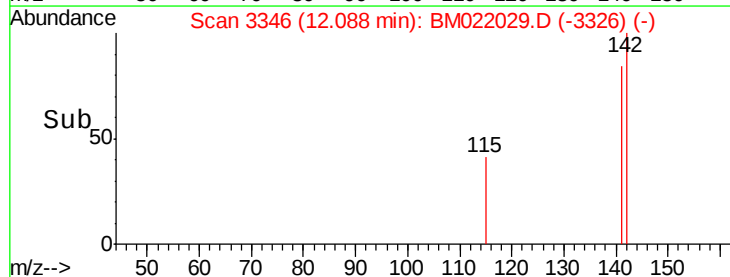
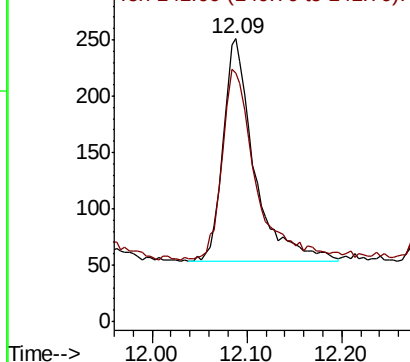
Lab File: BM022029.D

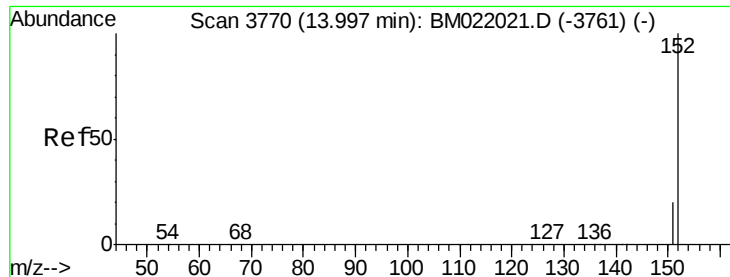
Acq: 12 Aug 2019 13:26

Tgt Ion:142	Resp:	453
Ion Ratio	Lower	Upper
142	100	
141	93.6	74.3 111.5



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





#7

Acenaphthylene

Concen: 0.330 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Instrument :

BNA_M

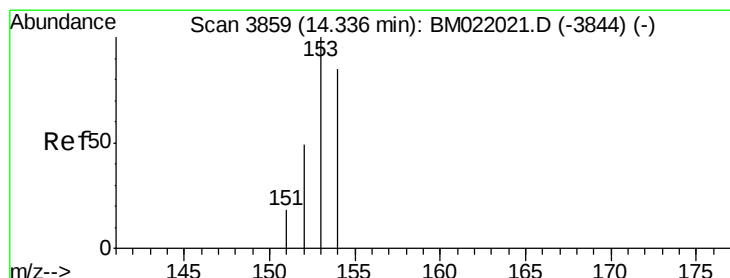
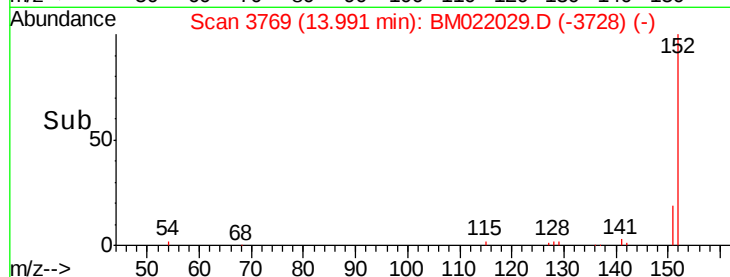
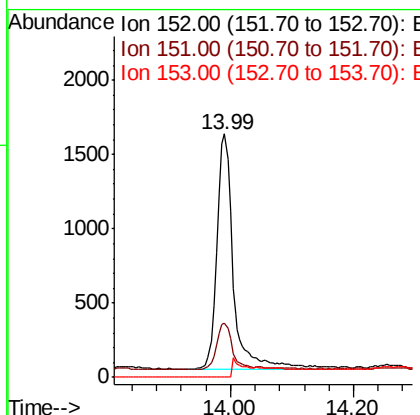
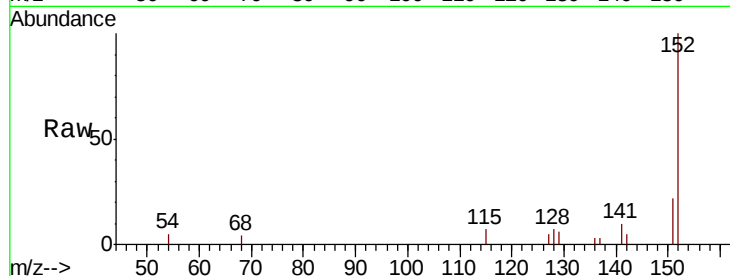
ClientSampleId :

BENZODL

Tot Ion:	152	Resp:	2731
Ion Ratio	Lower	Upper	
152	100		
151	22.2	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.214 ng/ul

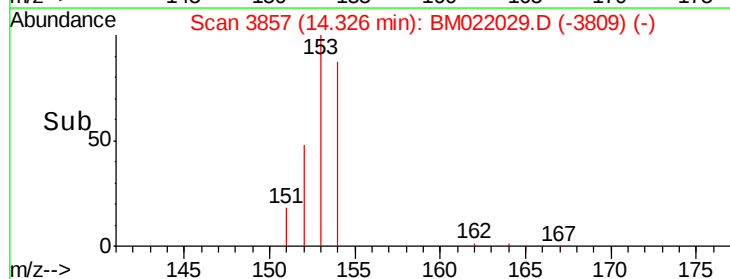
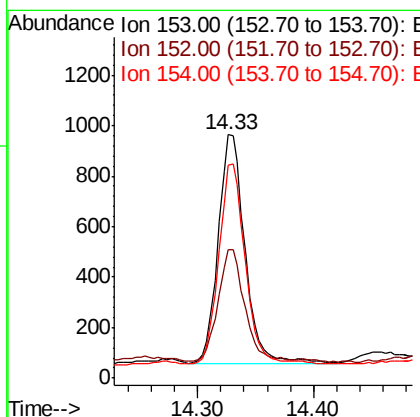
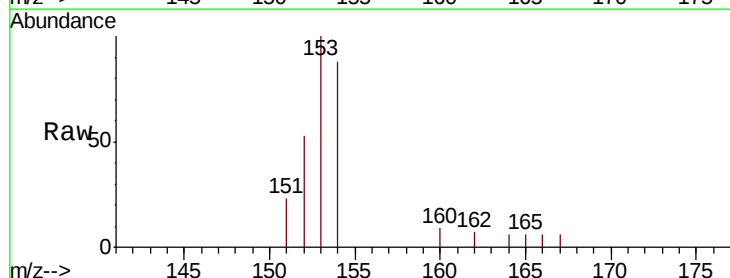
RT: 14.33 min Scan# 3857

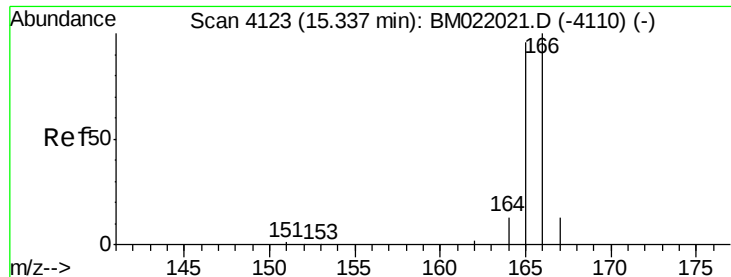
Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Tgt Ion:	153	Resp:	1451
Ion Ratio	Lower	Upper	
153	100		
152	52.8	41.3	61.9
154	87.7	72.3	108.5





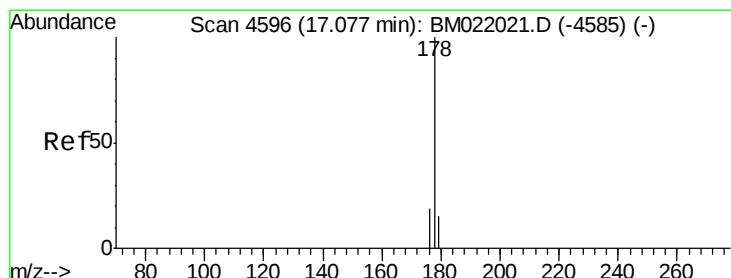
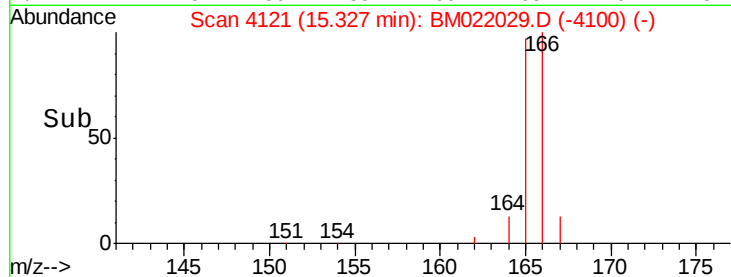
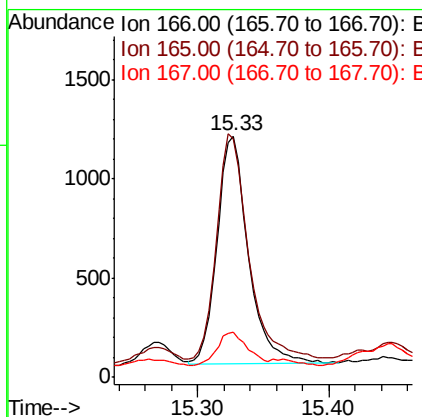
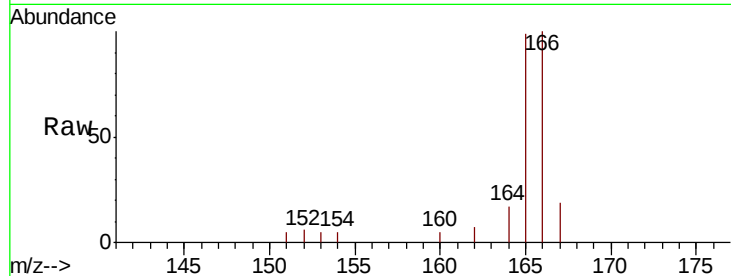
#9
Fluorene
 Concen: 0.254 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM022029.D
 Acq: 12 Aug 2019 13:26

Instrument :
 BNA_M
 ClientSampleId :
 BENZ0DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	81.4	122.0
167	18.5	13.7	20.5

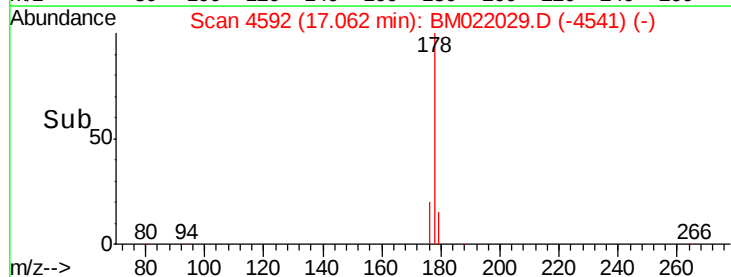
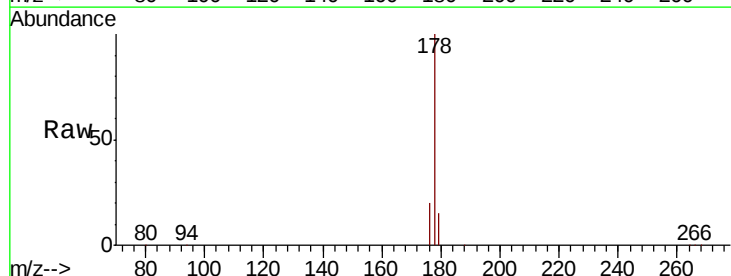
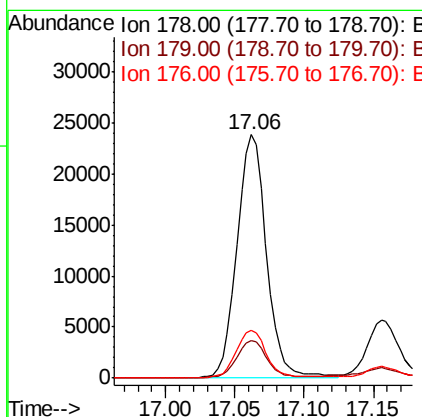
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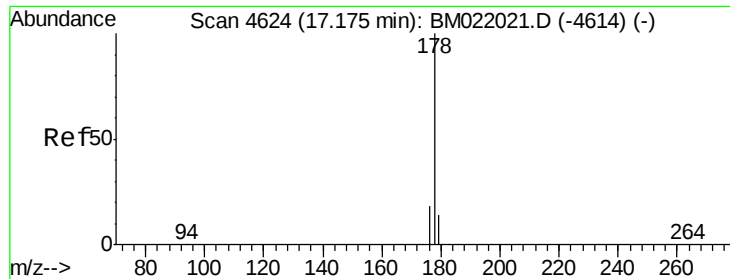
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#12
Phenanthrene
 Concen: 3.015 ng/ul
 RT: 17.06 min Scan# 4592
 Delta R.T. -0.02 min
 Lab File: BM022029.D
 Acq: 12 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.9	16.8	25.2





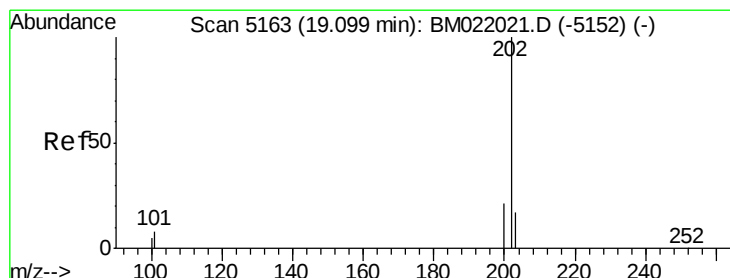
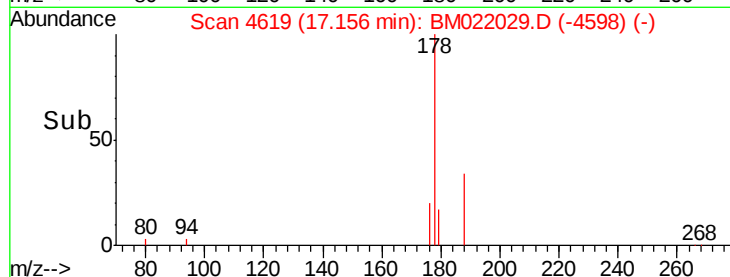
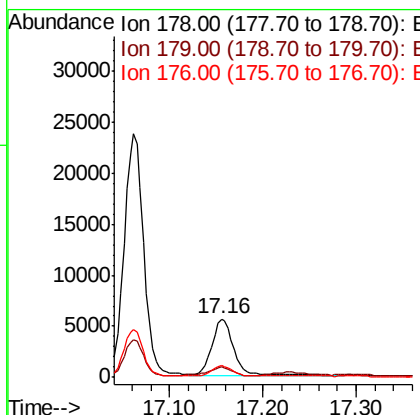
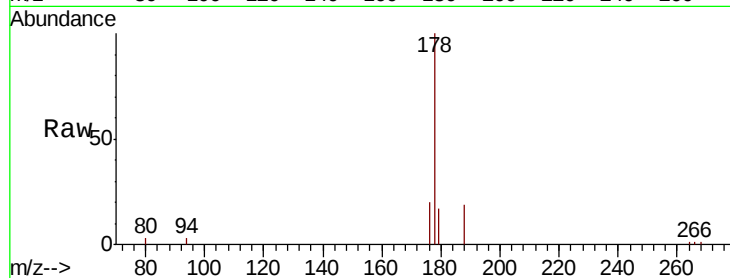
#13
 Anthracene
 Concen: 0.906 ng/ul
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.03 min
 Lab File: BM022029.D
 Acq: 12 Aug 2019 13:26

Instrument :
 BNA_M
 ClientSampleId :
 BENZ0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.5	15.5	23.3
176	20.3	16.6	25.0

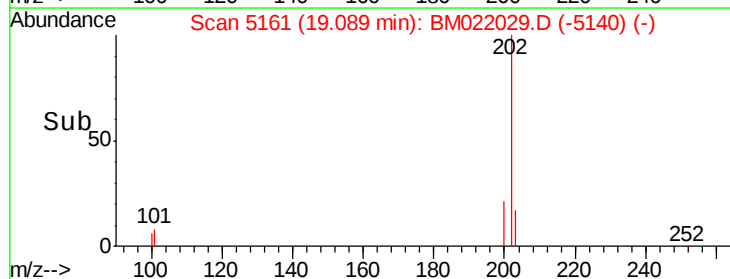
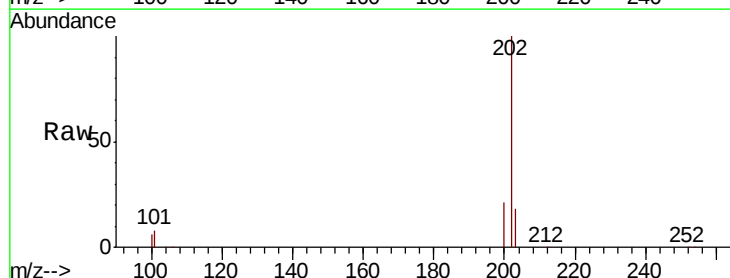
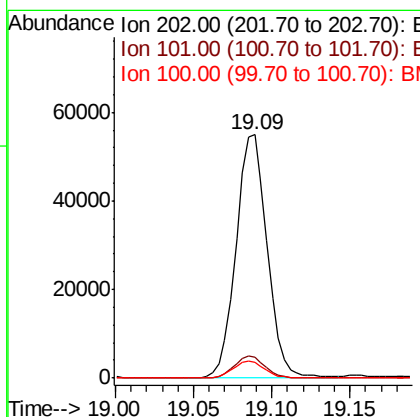
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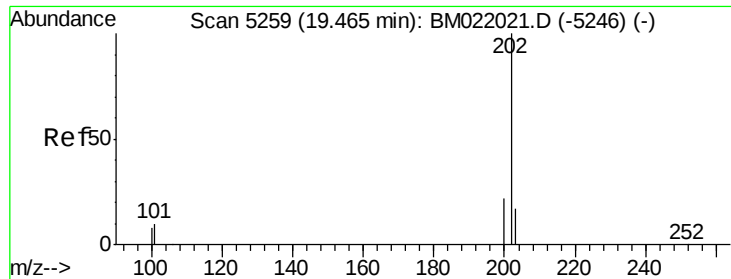
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#15
 Fluoranthene
 Concen: 4.845 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM022029.D
 Acq: 12 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.2
100	6.4	0.0	28.1





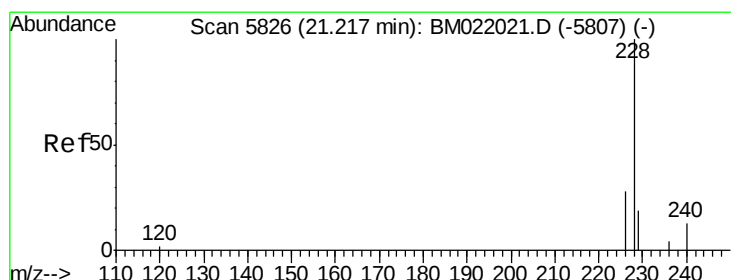
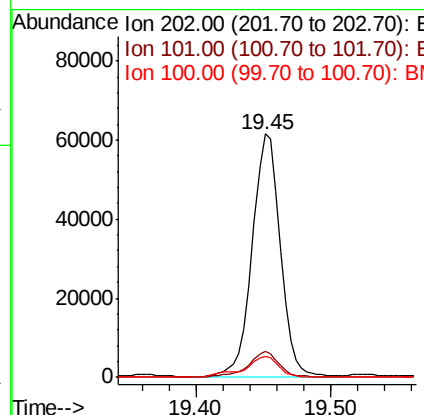
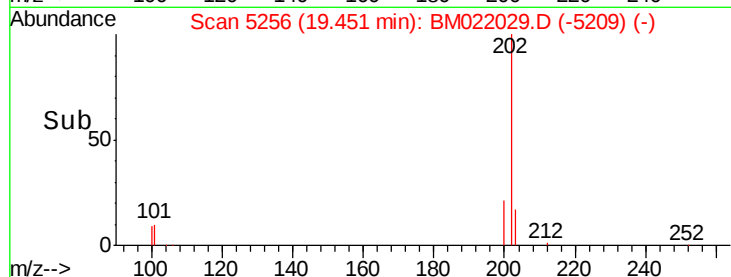
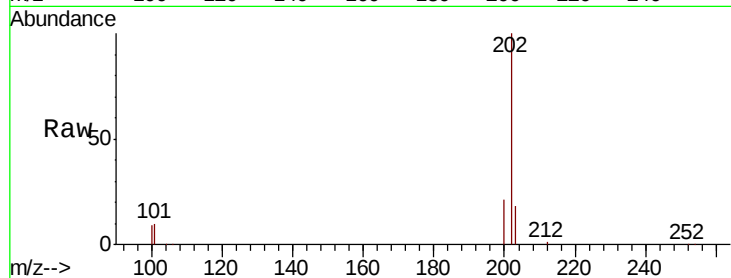
#17
Pvrene
Concen: 5.257 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022029.D
Acq: 12 Aug 2019 13:26

Instrument :
BNA_M
ClientSampleId :
BENZODL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	8.3	12.5
100	8.7	7.2	10.8

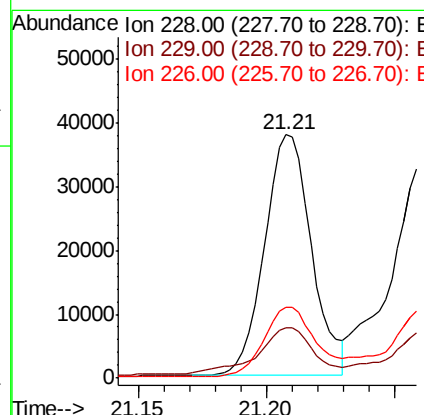
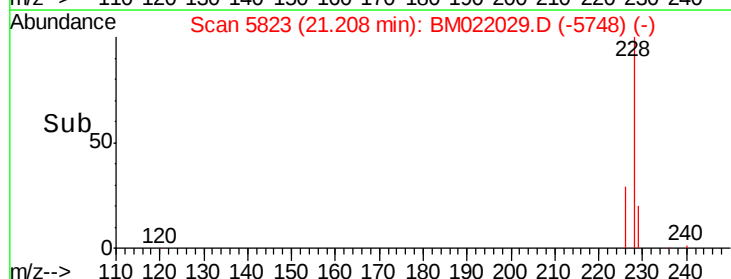
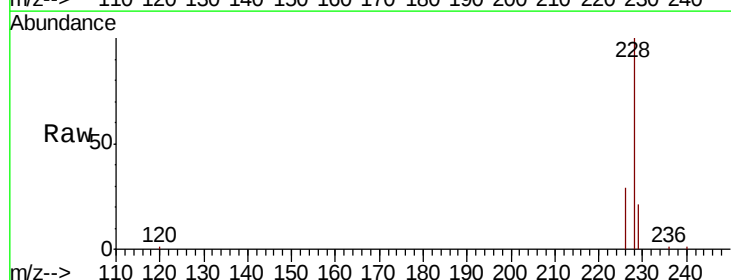
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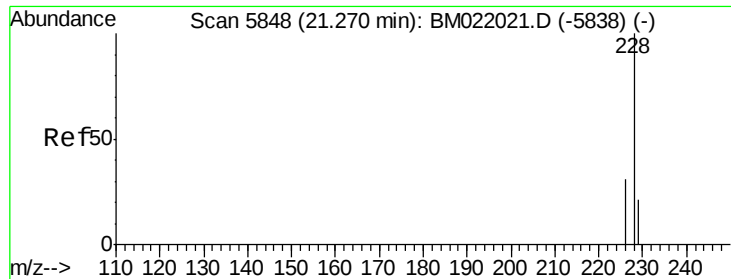
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#18
Benzo(a)anthracene
Concen: 3.356 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.02 min
Lab File: BM022029.D
Acq: 12 Aug 2019 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	17.2	25.8
226	29.1	22.6	34.0





#19

Chrysene

Concen: 2.733 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Instrument :

BNA_M

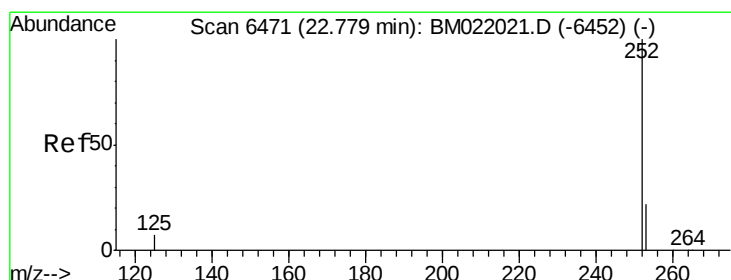
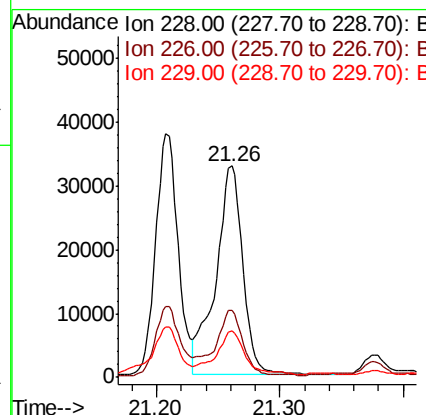
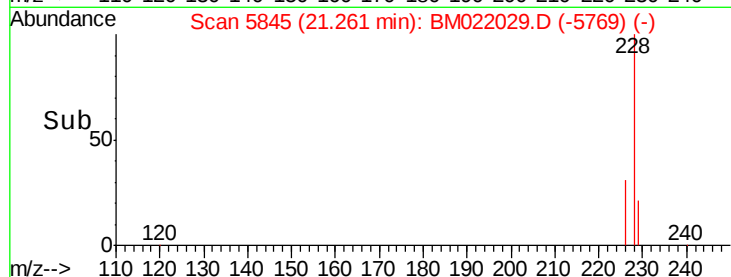
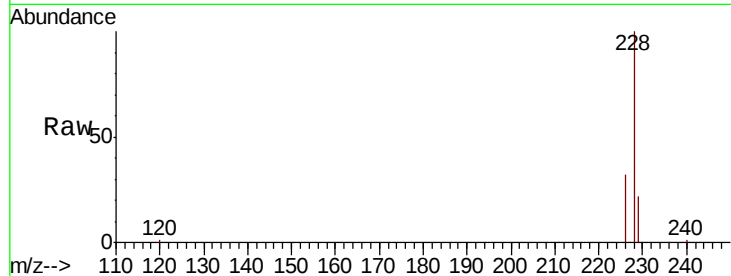
ClientSampled :

BENZODL

Tot Ion:228	Resp:	50328
Ion Ratio	Lower	Upper
228 100		
226 31.7	24.9	37.3
229 21.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 3.656 ng/ul m

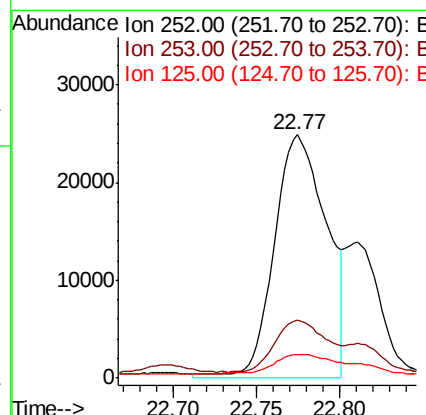
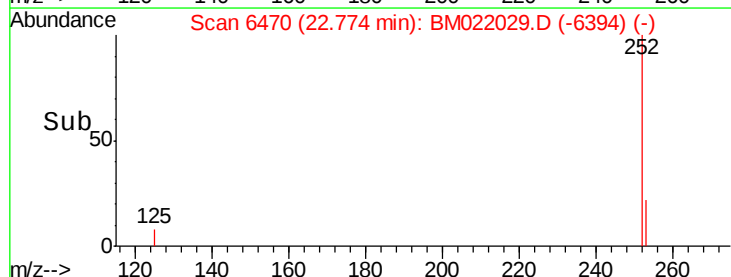
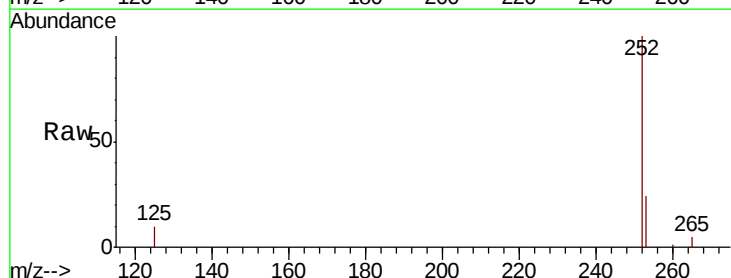
RT: 22.77 min Scan# 6470

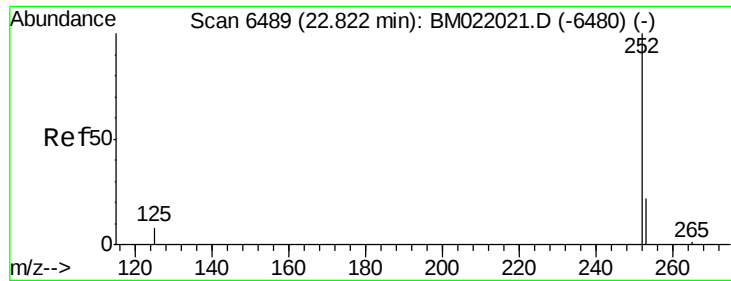
Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Tgt Ion:252	Resp:	54612
Ion Ratio	Lower	Upper
252 100		
253 23.9	0.0	67.4
125 9.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.267 ng/ul m

RT: 22.81 min Scan# 6485

Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Instrument :

BNA_M

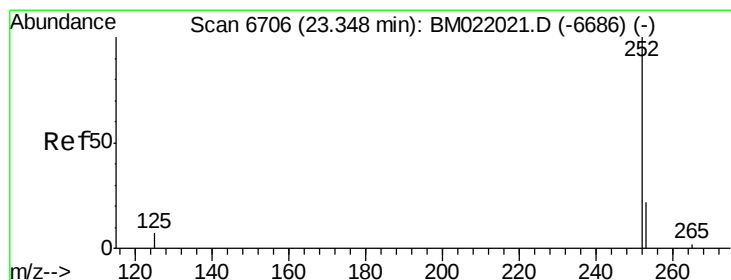
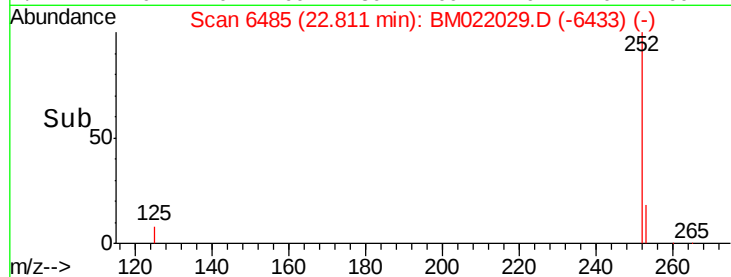
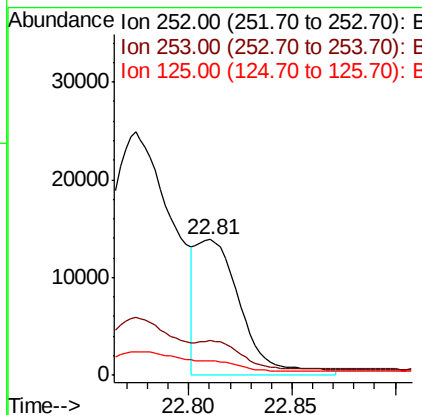
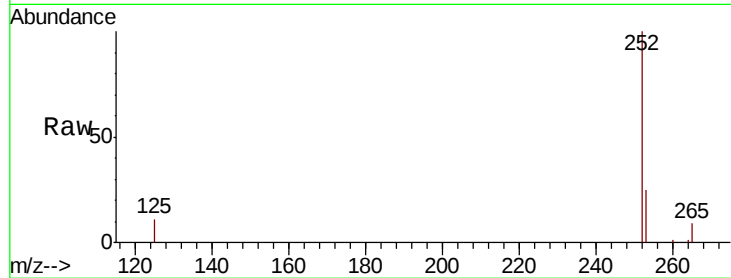
ClientSampleId :

BENZ0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	27.0	40.4#
125	11.0	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 2.811 ng/ul

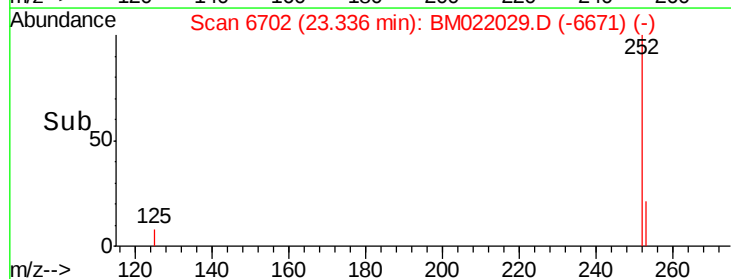
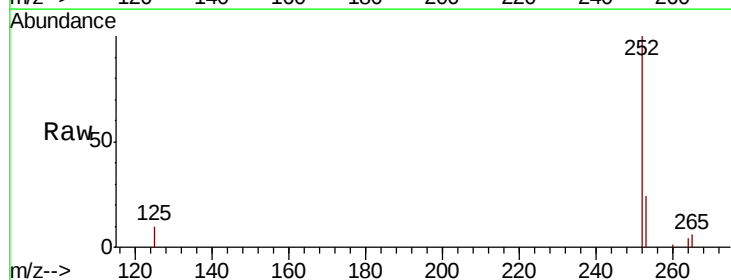
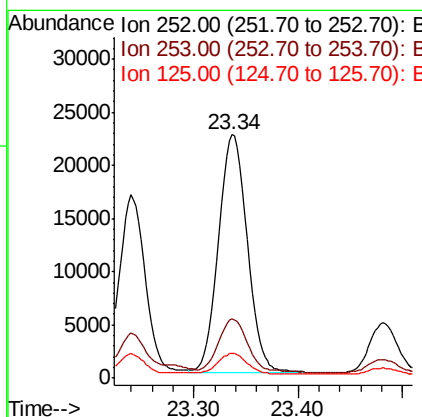
RT: 23.34 min Scan# 6702

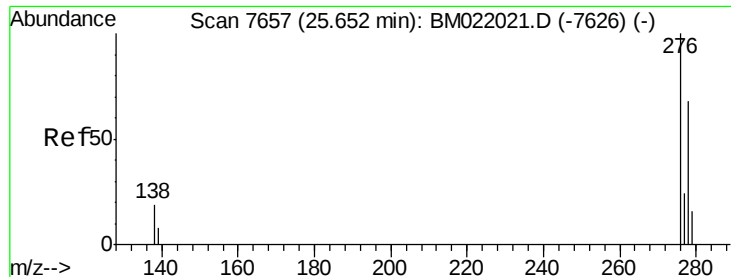
Delta R.T. -0.02 min

Lab File: BM022029.D

Acq: 12 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	31.7	47.5#
125	10.1	14.6	21.8#





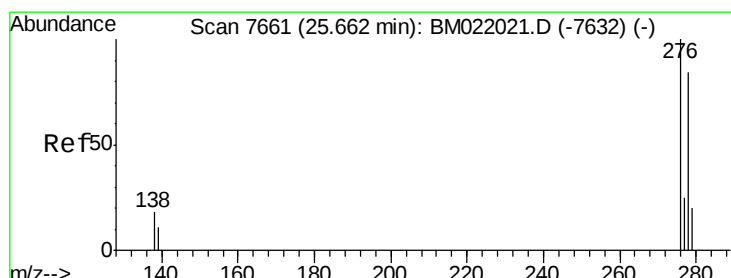
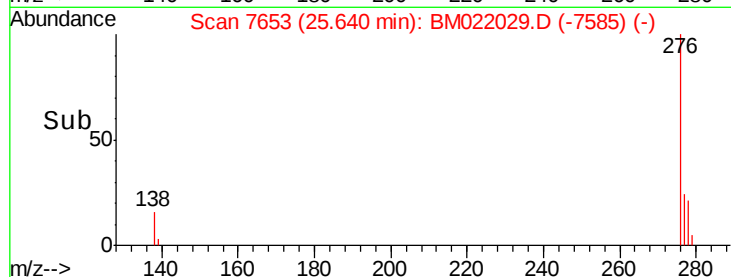
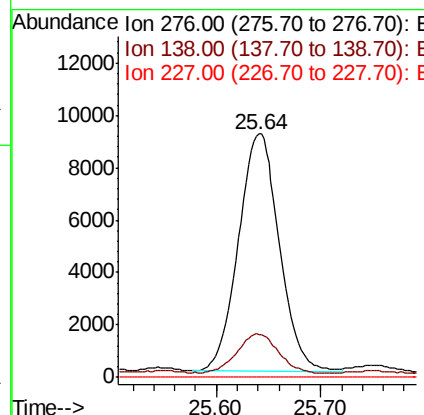
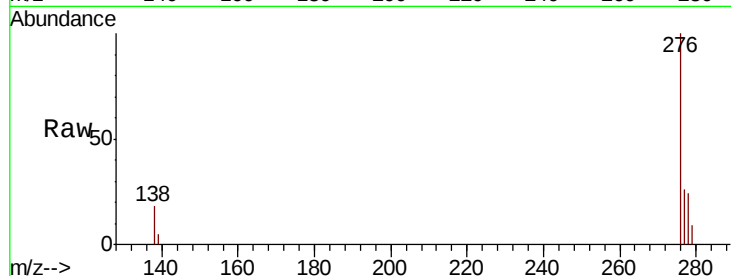
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.374 ng/ul
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.04 min
 Lab File: BM022029.D
 Acq: 12 Aug 2019 13:26

Instrument :
 BNA_M
 ClientSampleId :
 BENZODL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.1	22.7
227	0.0	0.0	0.0

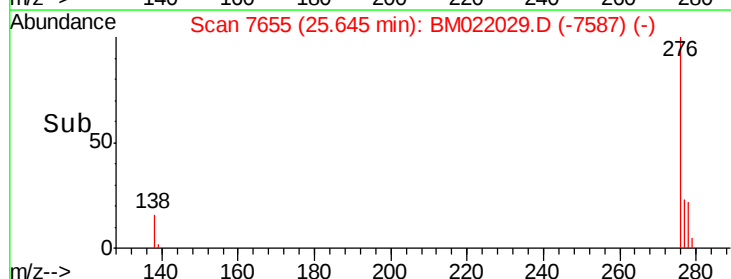
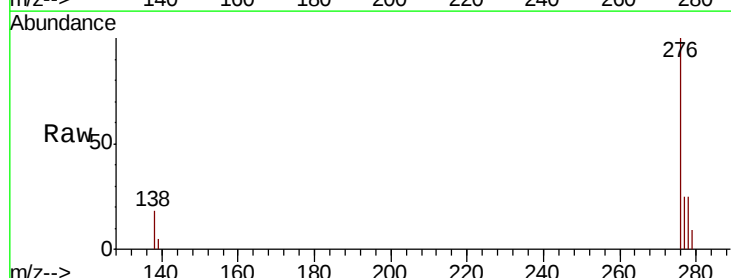
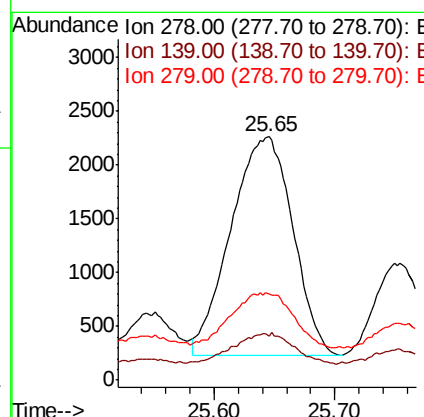
Manual Integrations
 APPROVED

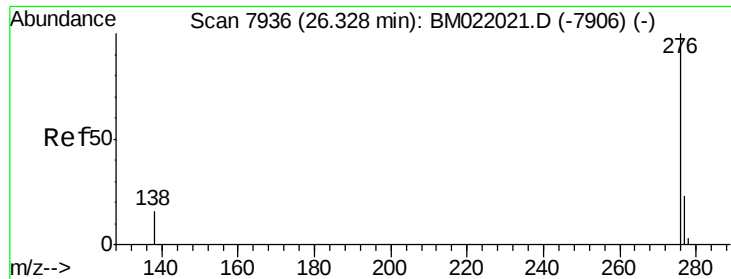
Sohil
 8/13/2019 9:57:02 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.494 ng/ul
 RT: 25.65 min Scan# 7655
 Delta R.T. -0.04 min
 Lab File: BM022029.D
 Acq: 12 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.2	21.2
279	35.5	28.3	42.5





#26
Benzo(a,h,i)perylene
Concen: 1.557 ng/ul
RT: 26.32 min Scan# 7934
Delta R.T. -0.04 min
Lab File: BM022029.D
Acq: 12 Aug 2019 13:26

Instrument :
BNA_M
ClientSampleId :
BENZ0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.5	23.3
277	25.3	21.4	32.2

Manual Integrations
APPROVED

Sohil
8/13/2019 9:57:02 AM

