

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021921.D
 Acq On : 08 Aug 2019 07:02
 Operator : HP/JU
 Sample : K4028-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ9

Manual Integrations
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mohammad
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Quant Time: Aug 08 09:26:33 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	903	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3880	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2198	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5040m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4544m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4619m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1418	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	3708m	0.22	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.99	152	414	0.040	ng/ul#	68
12) Phenanthrene	17.07	178	4108	0.280	ng/ul	99
13) Anthracene	17.16	178	1166m	0.093	ng/ul	
15) Fluoranthene	19.10	202	9310m	0.474	ng/ul	
17) Pyrene	19.46	202	10411	0.558	ng/ul	95
18) Benzo(a)anthracene	21.22	228	5958	0.367	ng/ul	95
19) Chrysene	21.27	228	5806	0.278	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	6816m	0.438	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2524m	0.143	ng/ul	
23) Benzo(a)pyrene	23.35	252	5256m	0.332	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	3240m	0.171	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	848m	0.055	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	3227m	0.190	ng/ul	

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

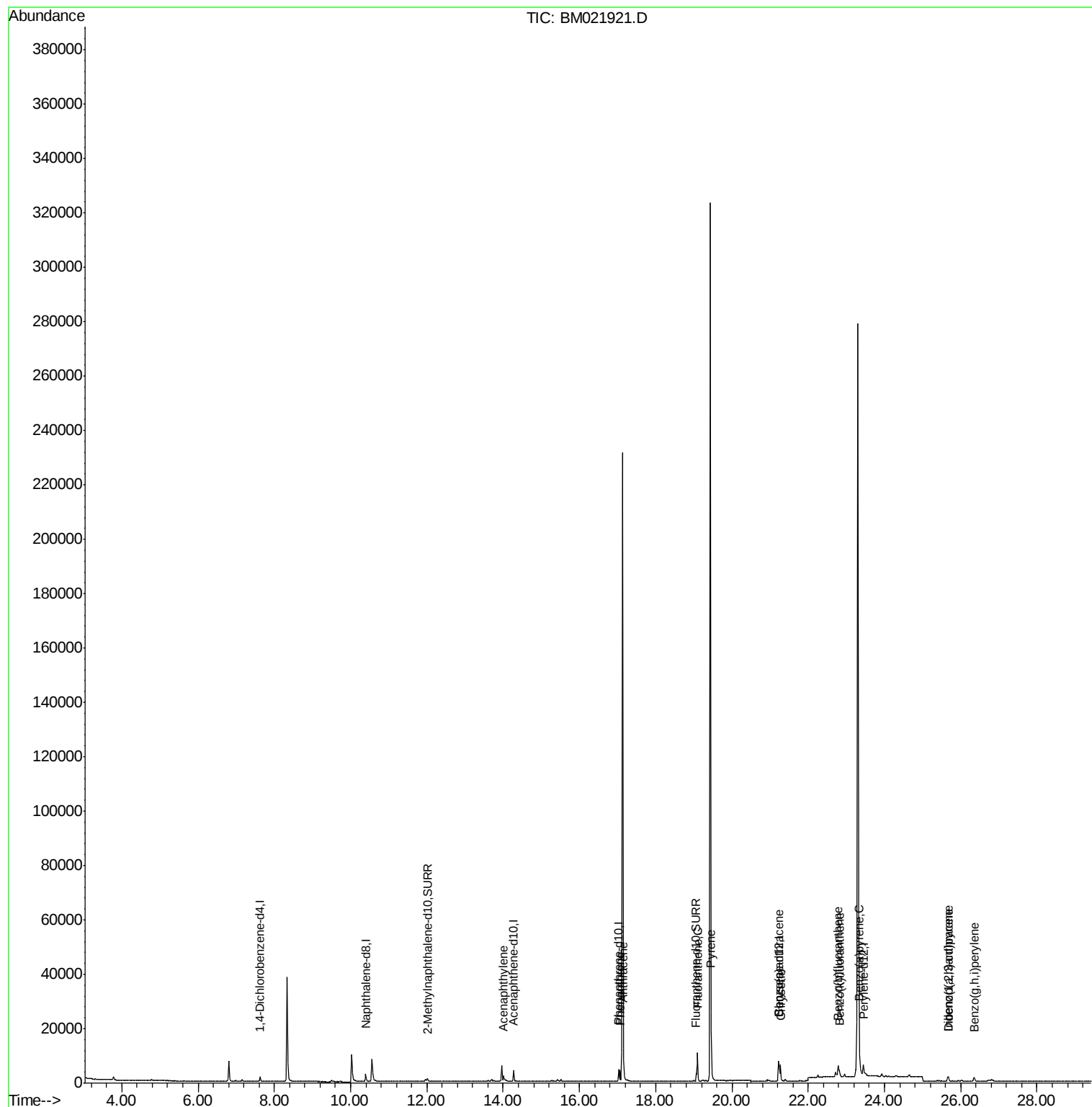
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021921.D
Acq On : 08 Aug 2019 07:02
Operator : HP/JU
Sample : K4028-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

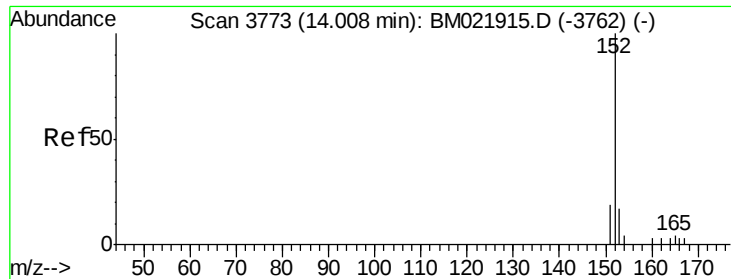
Instrument :
BNA_M
ClientSampleId :
BENZ9

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Quant Time: Aug 08 09:26:33 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.99 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021921.D

Acq: 08 Aug 2019 07:02

Instrument :

BNA_M

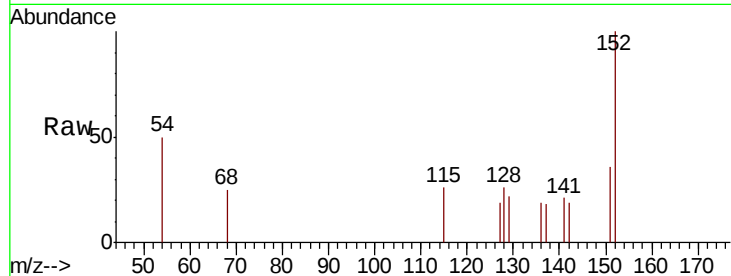
ClientSampleId :

BENZ9

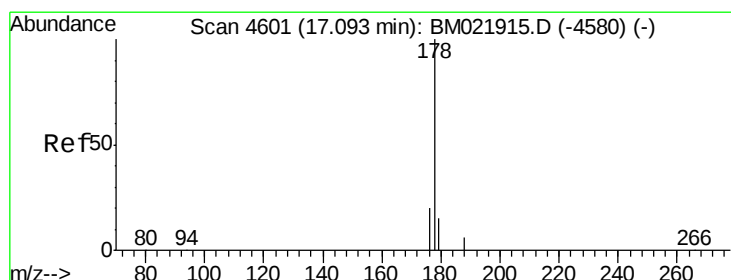
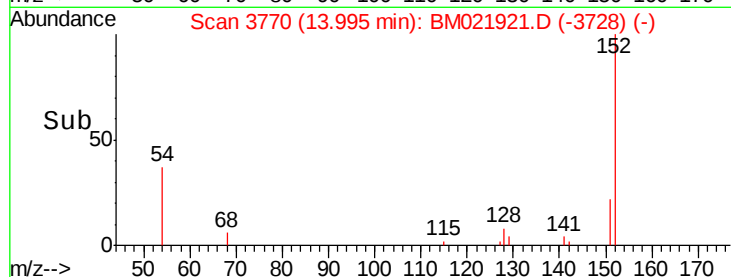
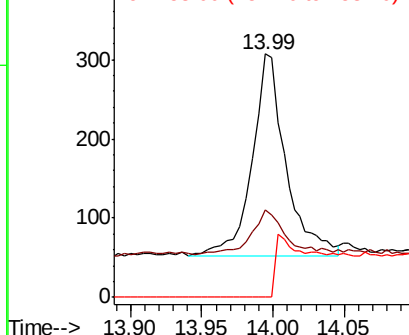
Tot Ion:	152	Resp:	414
Ion Ratio	Lower	Upper	
152	100		
151	36.2	18.3	27.5#
153	0.0	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.280 ng/ul

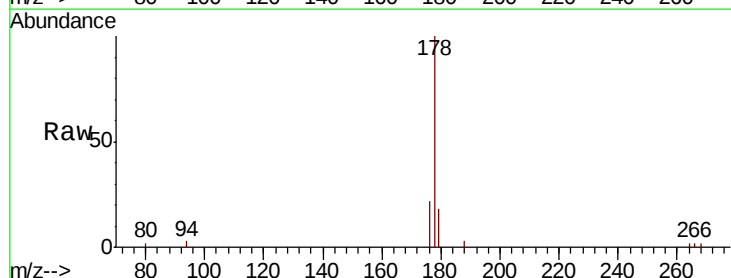
RT: 17.07 min Scan# 4595

Delta R.T. -0.02 min

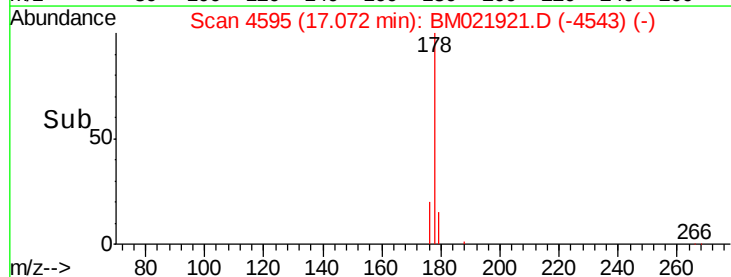
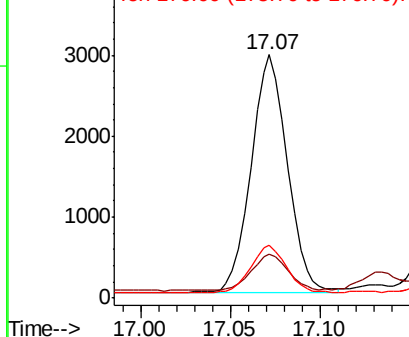
Lab File: BM021921.D

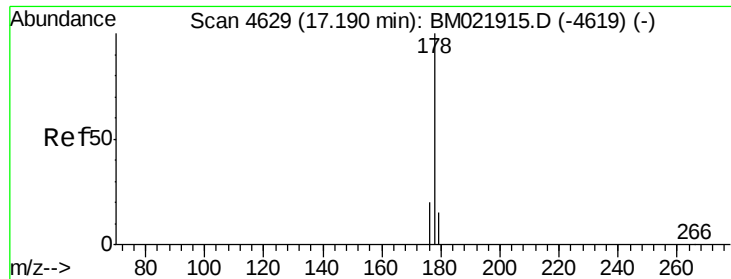
Acq: 08 Aug 2019 07:02

Tgt Ion:	178	Resp:	4108
Ion Ratio	Lower	Upper	
178	100		
179	18.0	14.2	21.2
176	22.0	16.8	25.2



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





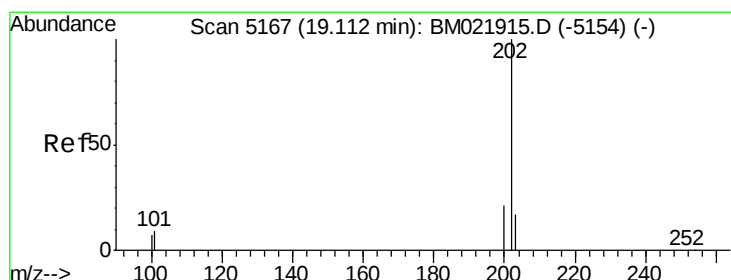
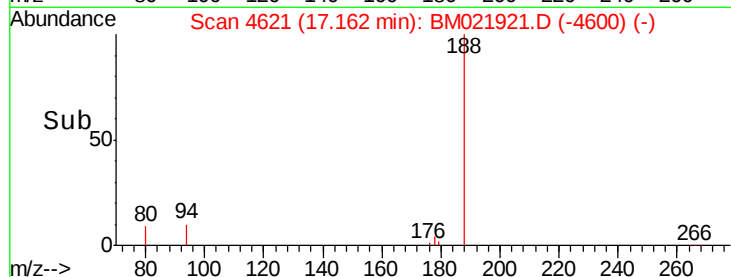
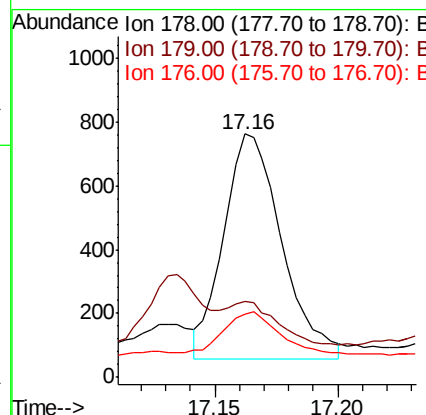
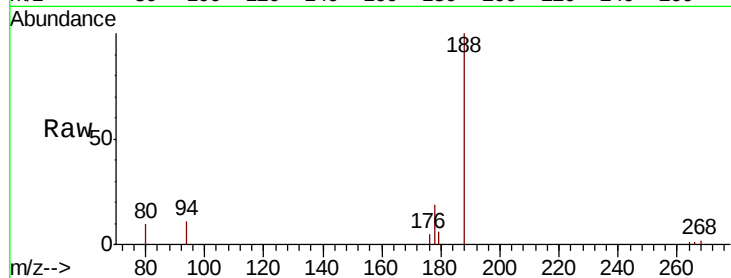
#13
 Anthracene
 Concen: 0.093 ng/ul m
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.03 min
 Lab File: BM021921.D
 Acq: 08 Aug 2019 07:02

Instrument :
 BNA_M
 ClientSampleId :
 BENZ9

Tot Ion	Ratio	Lower	Upper
178	100		
179	30.9	15.5	23.3#
176	26.1	16.6	25.0#

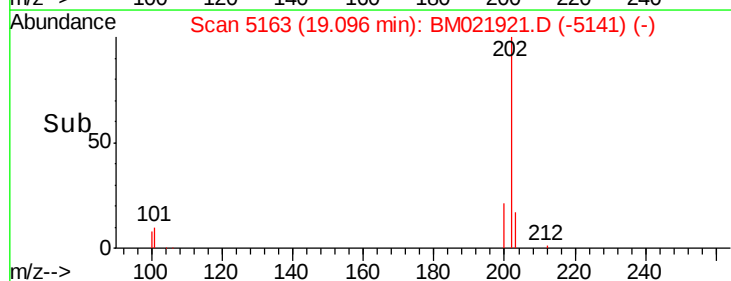
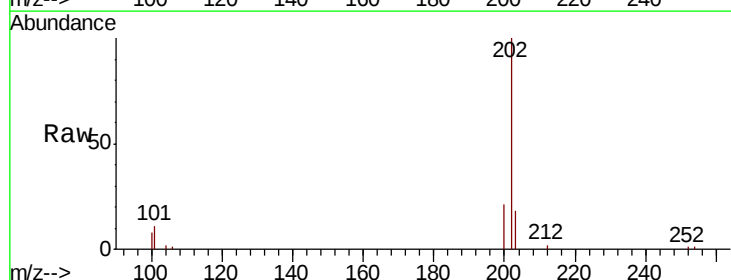
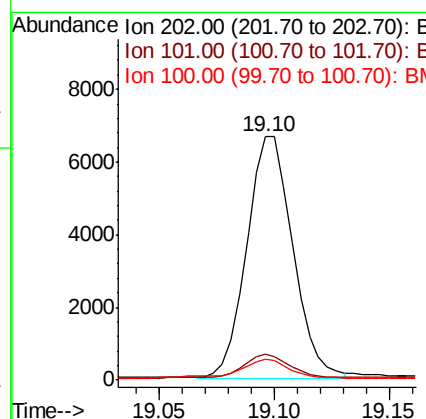
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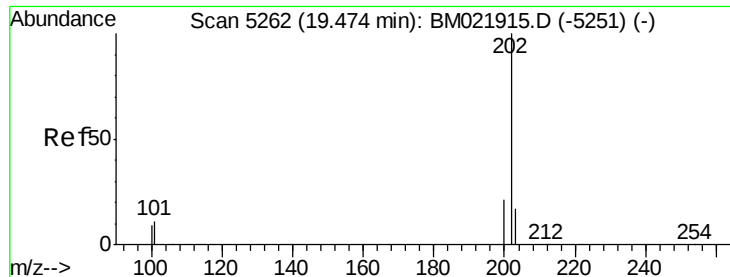
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#15
 Fluoranthene
 Concen: 0.474 ng/ul m
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.02 min
 Lab File: BM021921.D
 Acq: 08 Aug 2019 07:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.2
100	8.4	0.0	28.1





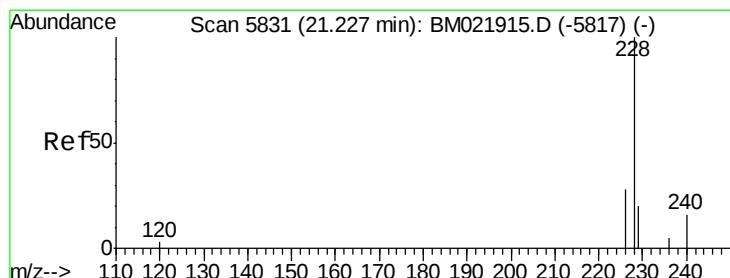
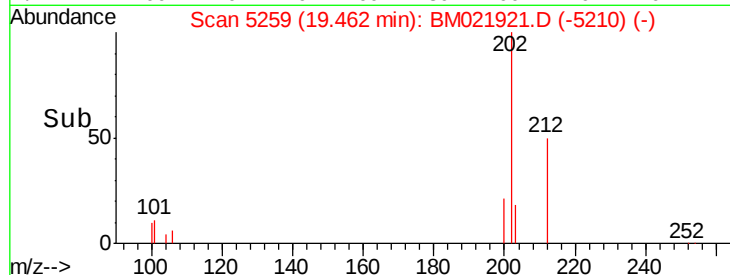
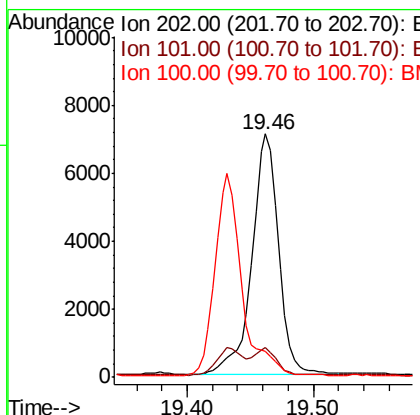
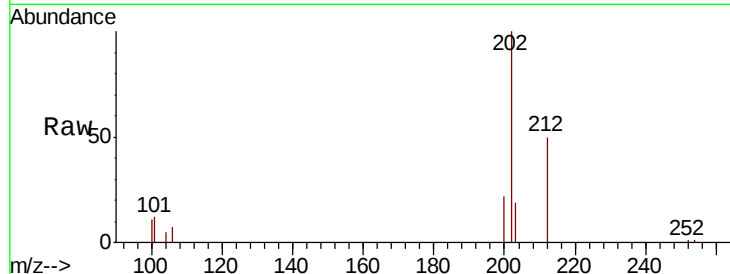
#17
Pvrene
Concen: 0.558 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021921.D
Acq: 08 Aug 2019 07:02

Instrument :
BNA_M
ClientSampleId :
BENZ9

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	8.3	12.5
100	10.5	7.2	10.8

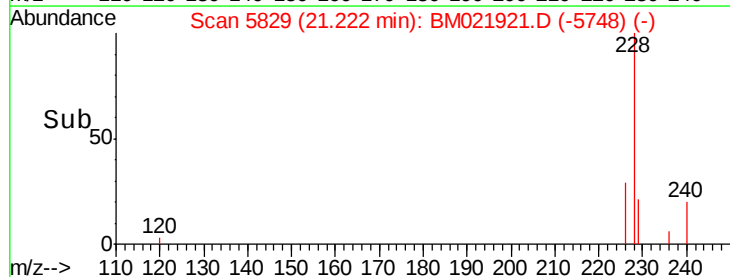
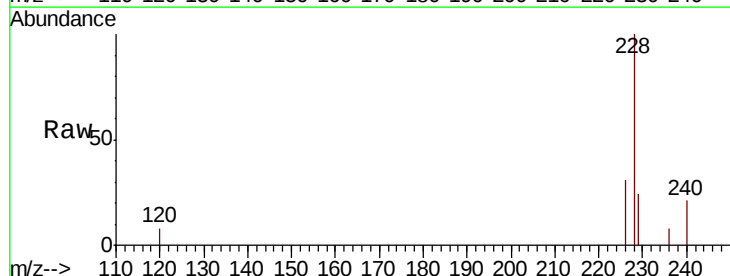
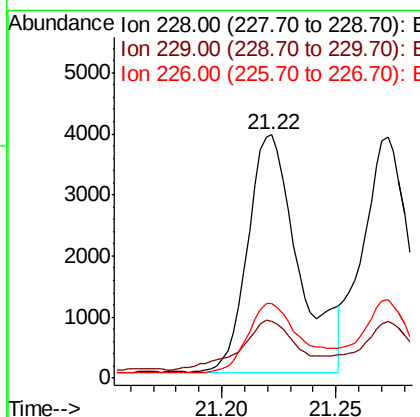
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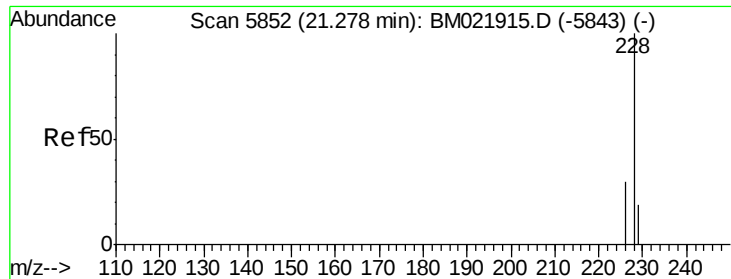
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#18
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.00 min
Lab File: BM021921.D
Acq: 08 Aug 2019 07:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.5	17.2	25.8
226	30.9	22.6	34.0





#19

Chrysene

Concen: 0.278 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.00 min

Lab File: BM021921.D

Acq: 08 Aug 2019 07:02

Instrument :

BNA_M

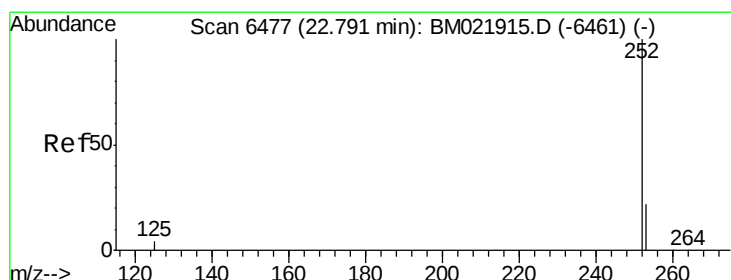
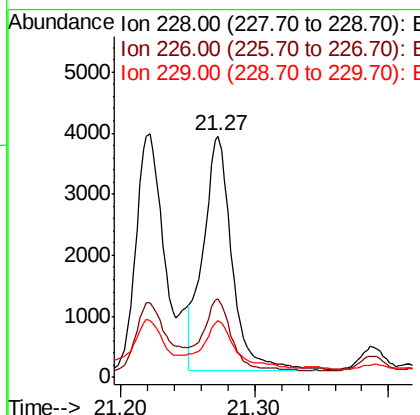
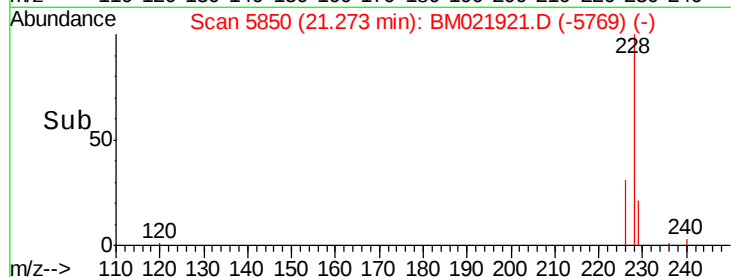
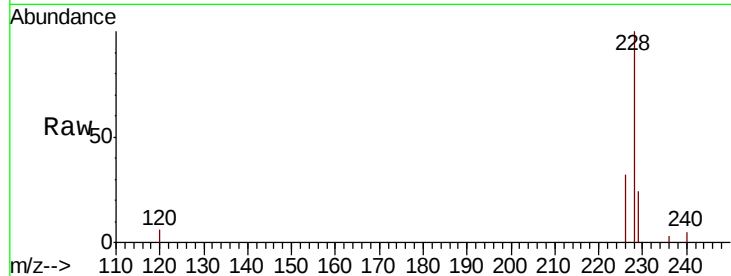
ClientSampled :

BENZ9

Tot Ion:	228	Resp:	5806
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	23.5	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.438 ng/ul m

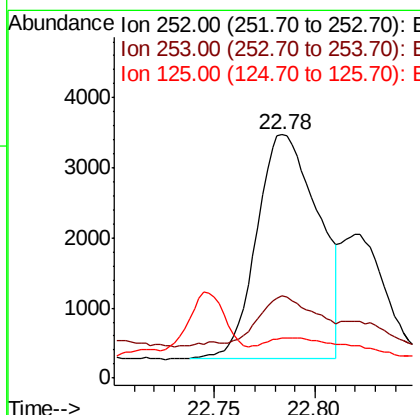
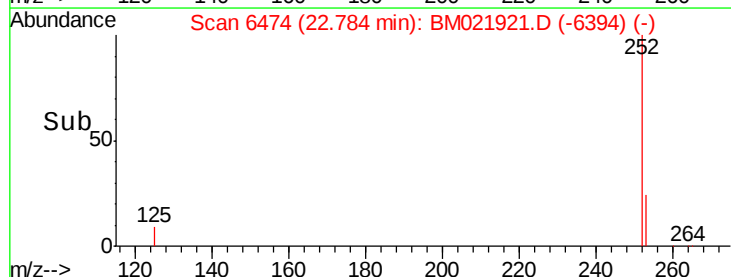
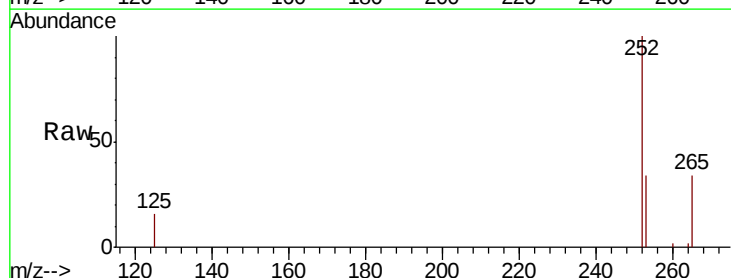
RT: 22.78 min Scan# 6474

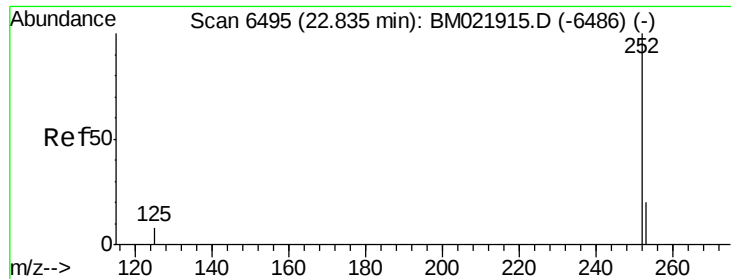
Delta R.T. -0.01 min

Lab File: BM021921.D

Acq: 08 Aug 2019 07:02

Tgt Ion:	252	Resp:	6816
Ion Ratio	Lower	Upper	
252	100		
253	34.0	0.0	67.4
125	16.3	0.0	31.0





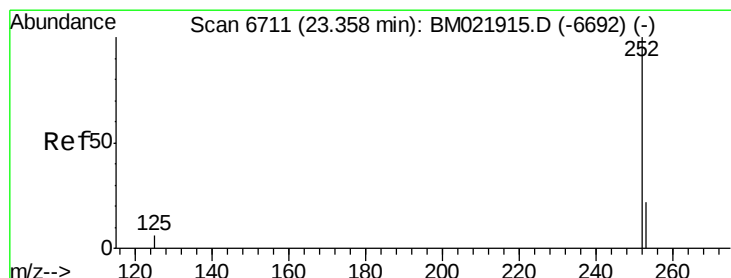
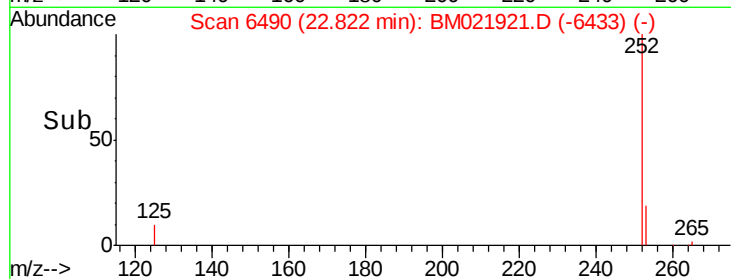
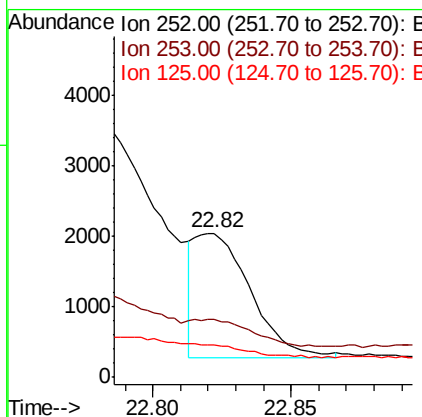
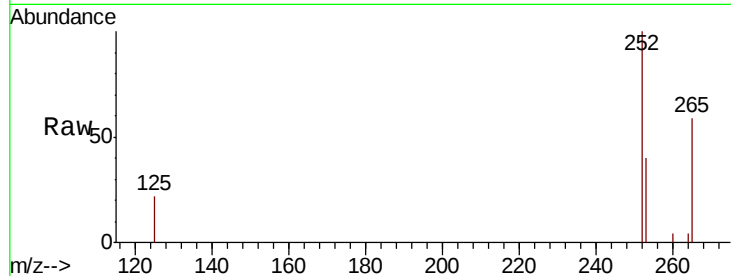
#22
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021921.D
Acq: 08 Aug 2019 07:02

Instrument :
BNA_M
ClientSampleId :
BENZ9

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.7	27.0	40.4
125	22.3	12.2	18.2

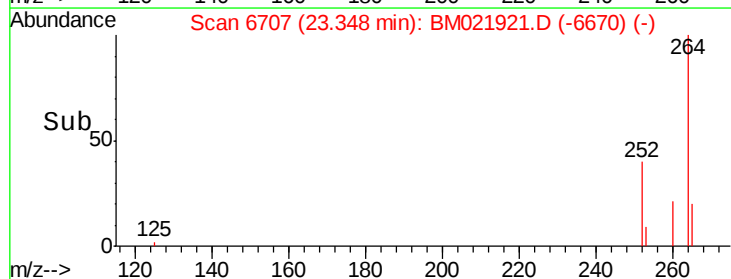
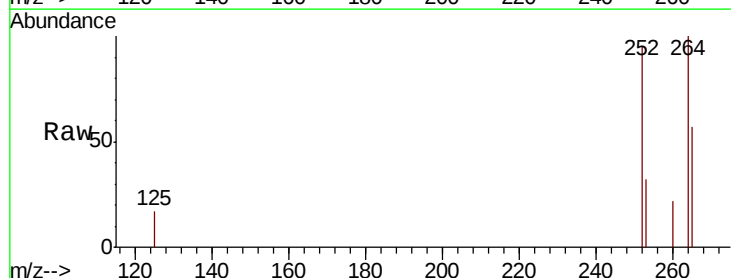
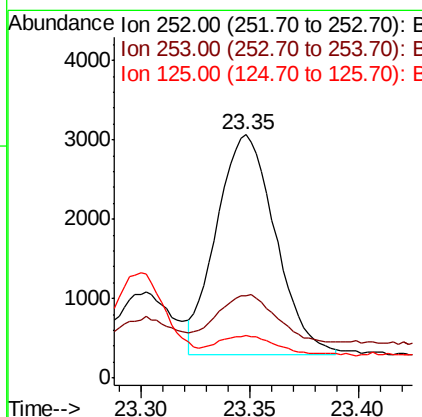
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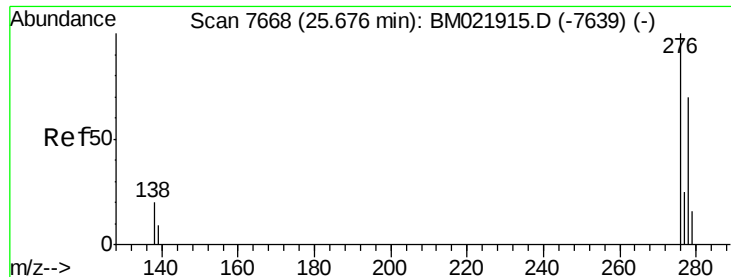
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#23
Benzo(a)pyrene
Concen: 0.332 ng/ul m
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM021921.D
Acq: 08 Aug 2019 07:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.9	31.7	47.5
125	17.3	14.6	21.8





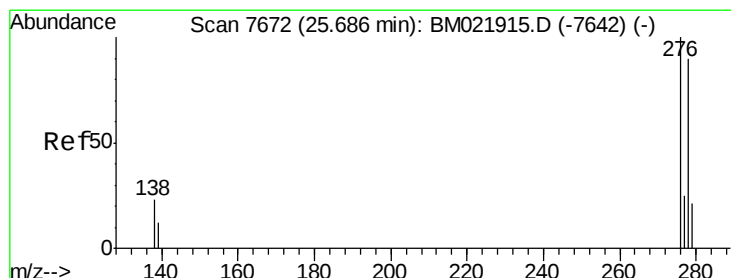
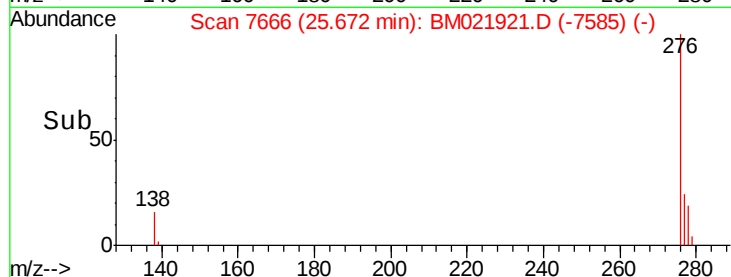
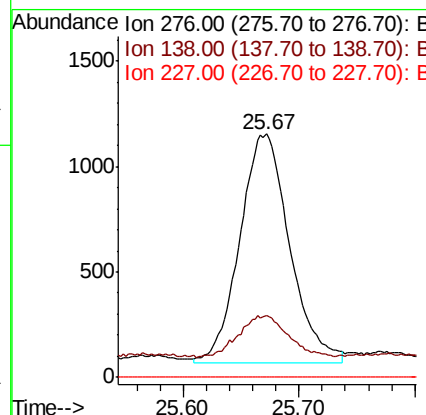
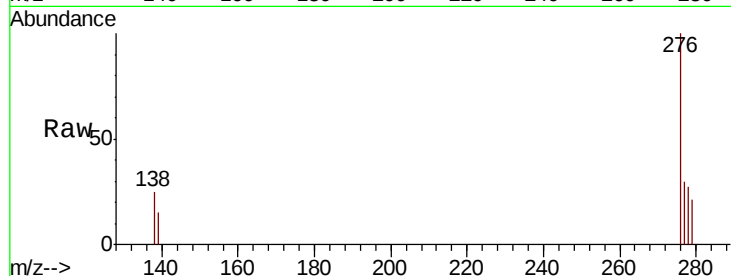
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.171 ng/ul m
RT: 25.67 min Scan# 7666
Delta R.T. -0.00 min
Lab File: BM021921.D
Acq: 08 Aug 2019 07:02

Instrument :
BNA_M
ClientSampleId :
BENZ9

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.0	15.1	22.7#
227	0.0	0.0	0.0

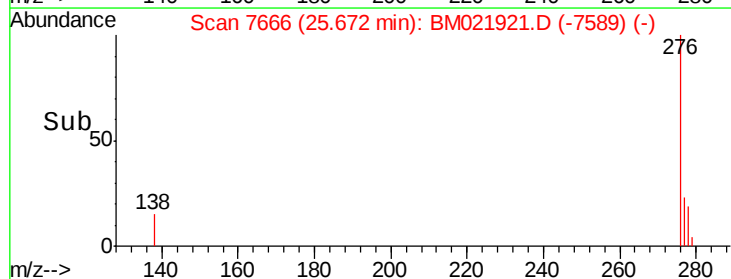
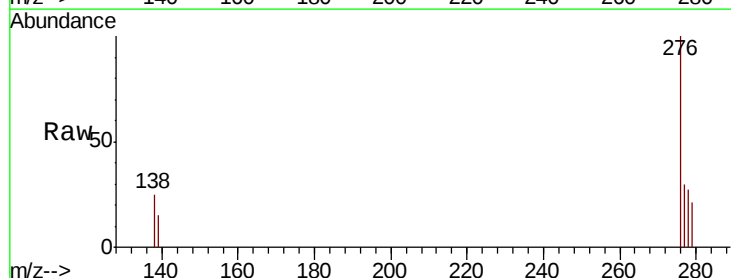
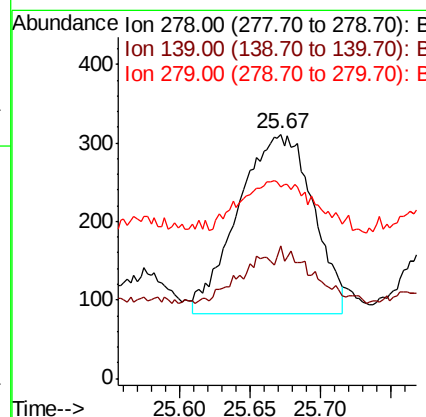
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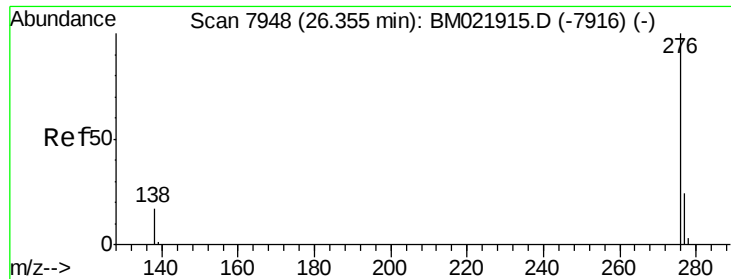
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#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul m
RT: 25.67 min Scan# 7666
Delta R.T. -0.01 min
Lab File: BM021921.D
Acq: 08 Aug 2019 07:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.3	14.2	21.2#
279	78.5	28.3	42.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.190 ng/ul m
 RT: 26.35 min Scan# 7945
 Delta R.T. -0.01 min
 Lab File: BM021921.D
 Acq: 08 Aug 2019 07:02

Instrument :
 BNA_M
 ClientSampleId :
 BENZ9

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	15.5	23.3#
277	29.7	21.4	32.2

Manual Integrations
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