

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021829.D
 Acq On : 05 Aug 2019 02:19
 Operator : HP/JU
 Sample : K3863-02
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F7

Manual Integrations
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Quant Time: Aug 05 08:55:16 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 05 08:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1051	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4239	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2467	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	6064m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5851m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6623m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1208	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	3851m	0.19	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.08	178	1167m	0.066	ng/ul	
15) Fluoranthene	19.11	202	3916m	0.166	ng/ul	
17) Pyrene	19.47	202	3396m	0.141	ng/ul	
18) Benzo(a)anthracene	21.23	228	1311	0.063	ng/ul#	61
19) Chrysene	21.28	228	2234	0.083	ng/ul#	73
21) Benzo(b)fluoranthene	22.79	252	3079m	0.138	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1017m	0.040	ng/ul	
23) Benzo(a)pyrene	23.36	252	1865m	0.082	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	1643m	0.061	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	1583m	0.065	ng/ul	

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

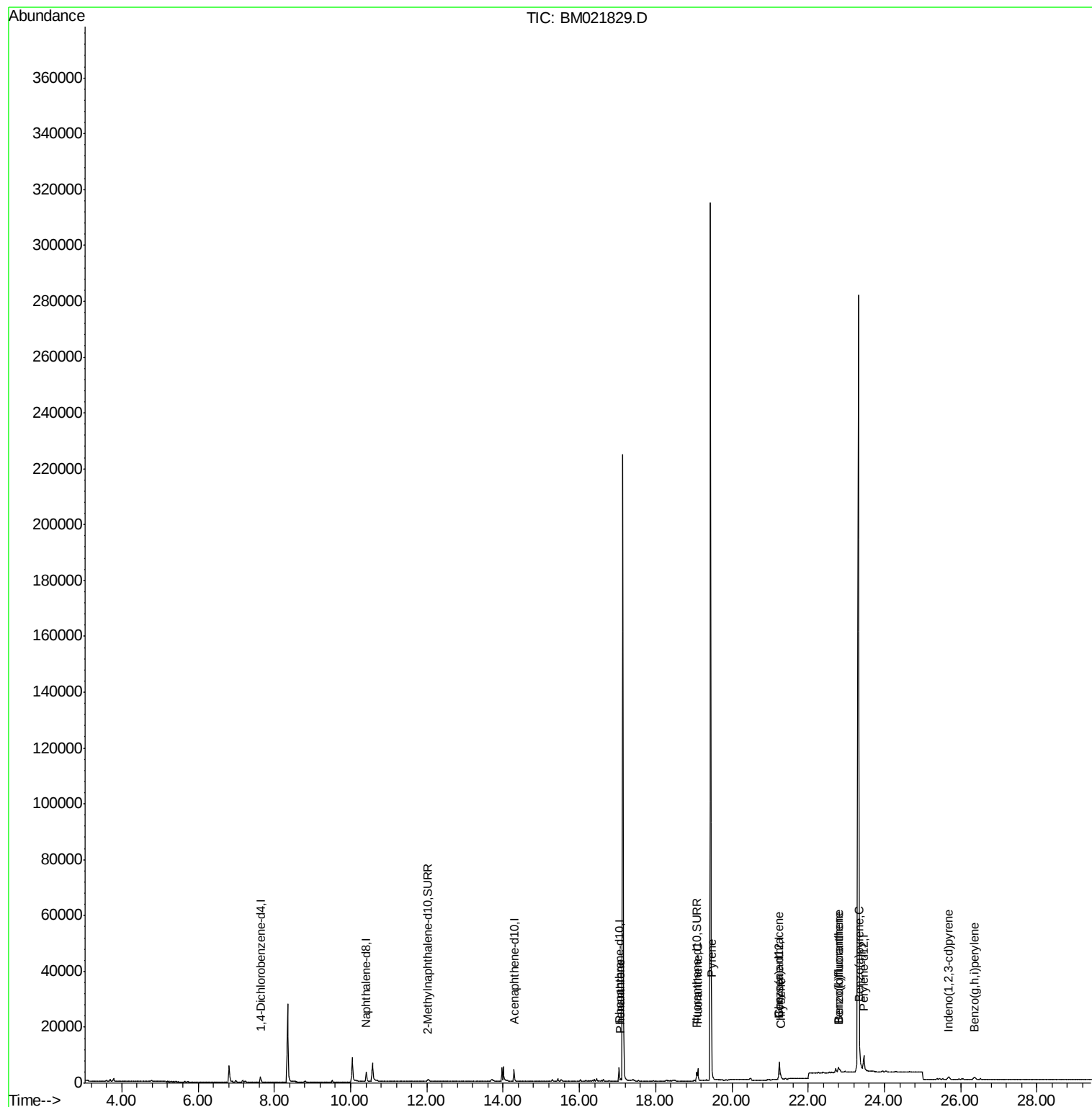
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021829.D
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Sample : K3863-02
Misc :
ALS Vial : 72 Sample Multiplier: 1

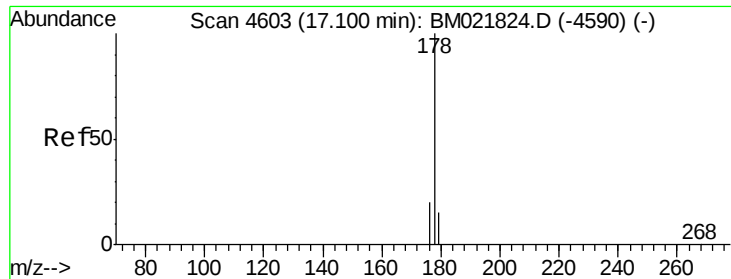
Instrument :
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#12

Phenanthrene

Concen: 0.066 ng/ul m

RT: 17.08 min Scan# 4598

Delta R.T. -0.02 min

Lab File: BM021829.D

Acq: 05 Aug 2019 02:19

Instrument :

BNA_M

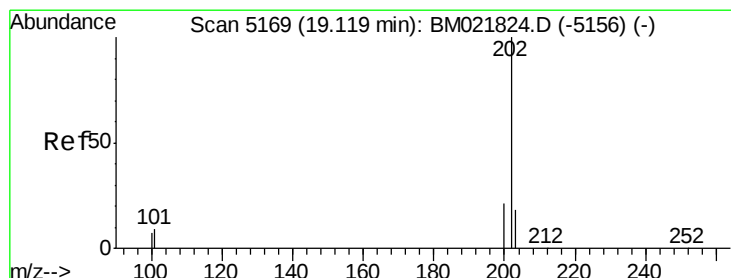
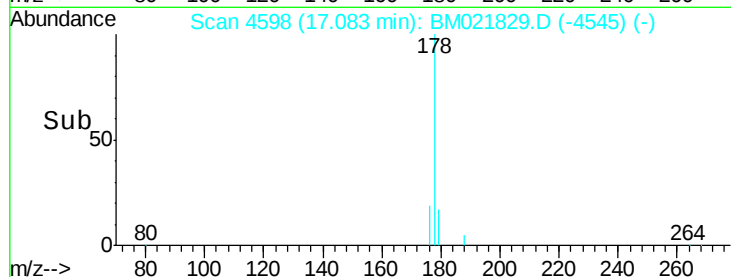
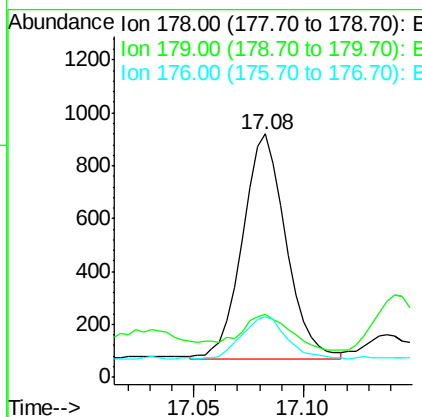
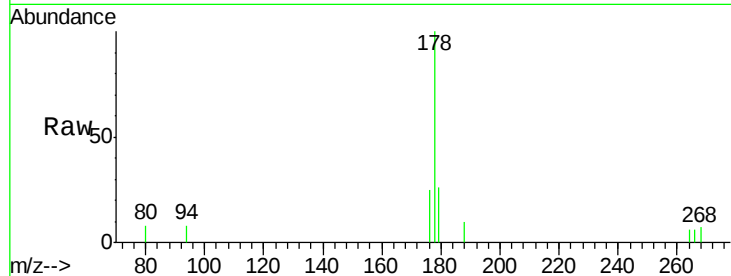
ClientSampleId :

A52F7

Tgt Ion:	178	Resp:	1167
Ion Ratio	Lower	Upper	
178	100		
179	25.7	14.2	21.2#
176	25.0	16.8	25.2

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#15

Fluoranthene

Concen: 0.166 ng/ul m

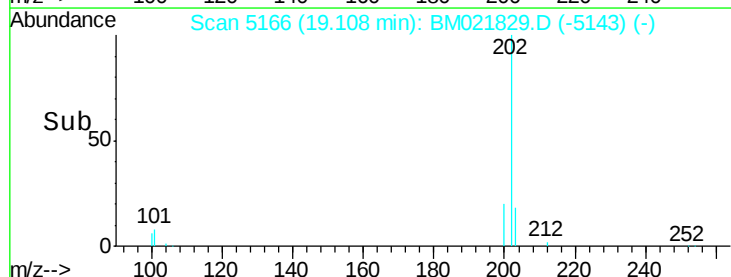
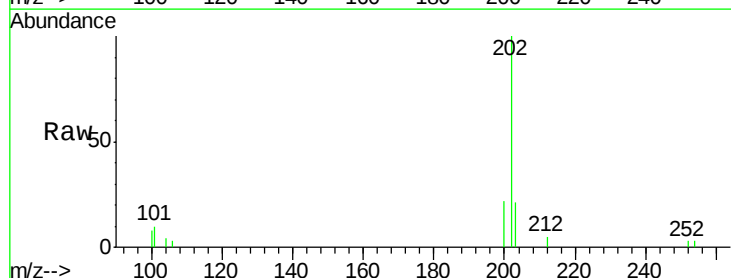
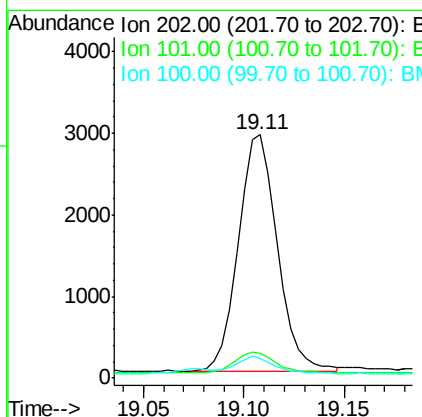
RT: 19.11 min Scan# 5166

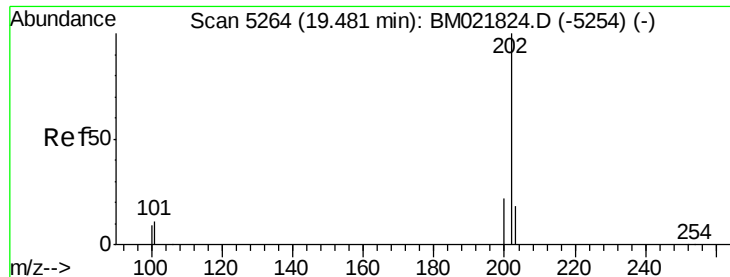
Delta R.T. -0.01 min

Lab File: BM021829.D

Acq: 05 Aug 2019 02:19

Tgt Ion:	202	Resp:	3916
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.2
100	7.9	0.0	28.1





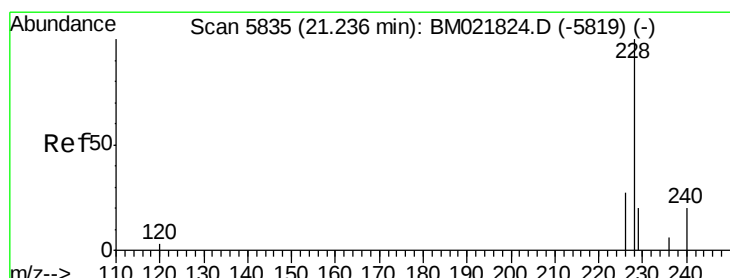
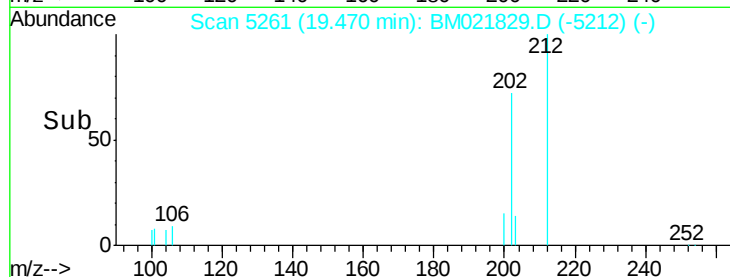
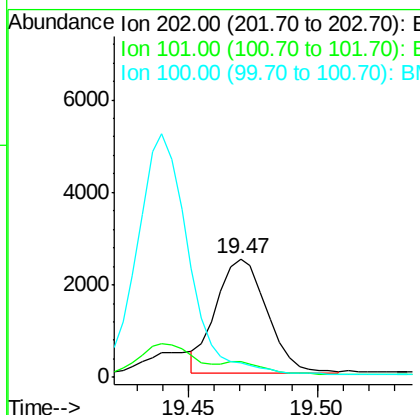
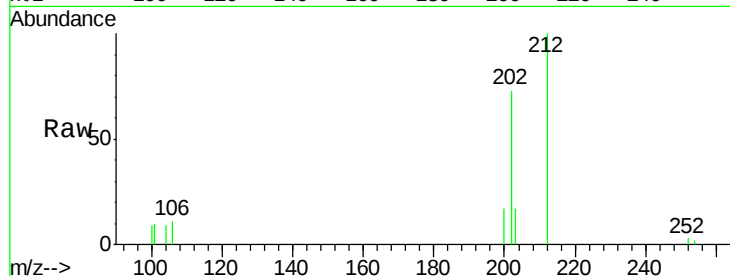
#17
 Pyrene
 Concen: 0.141 ng/ul m
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021829.D
 Acq: 05 Aug 2019 02:19

Instrument :
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 A52F7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	8.3	12.5#
100	12.2	7.2	10.8#

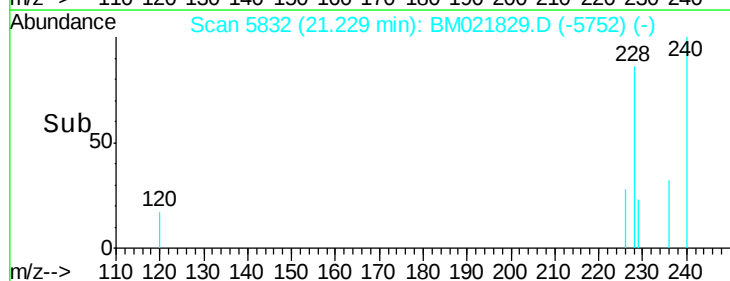
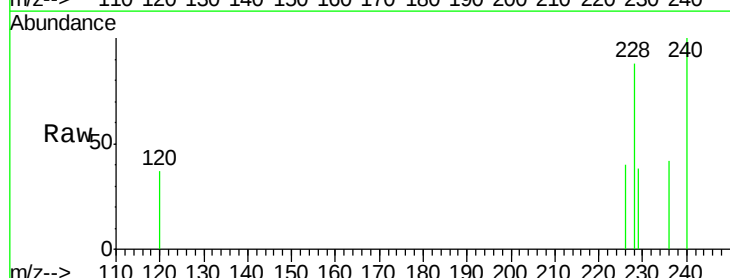
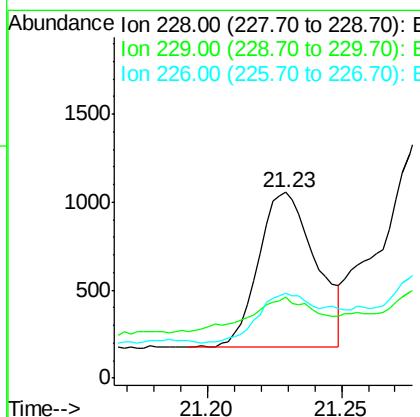
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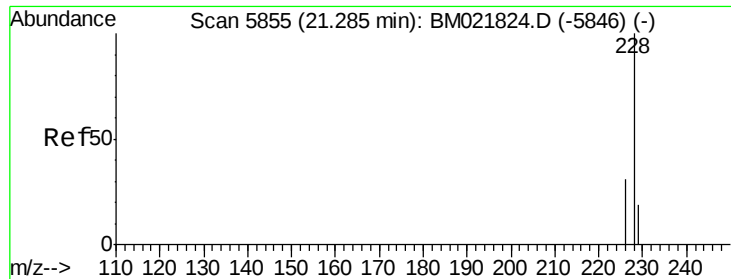
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#18
 Benzo(a)anthracene
 Concen: 0.063 ng/ul
 RT: 21.23 min Scan# 5832
 Delta R.T. -0.01 min
 Lab File: BM021829.D
 Acq: 05 Aug 2019 02:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	43.8	17.2	25.8#
226	45.6	22.6	34.0#





#19

Chrysene

Concen: 0.083 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.01 min

Lab File: BM021829.D

Acq: 05 Aug 2019 02:19

Instrument :

BNA_M

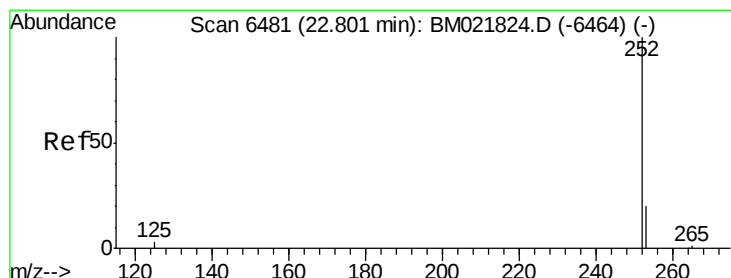
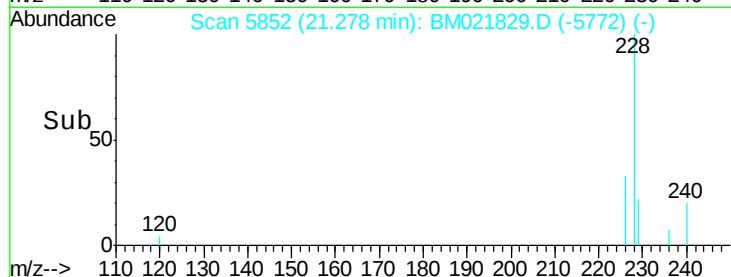
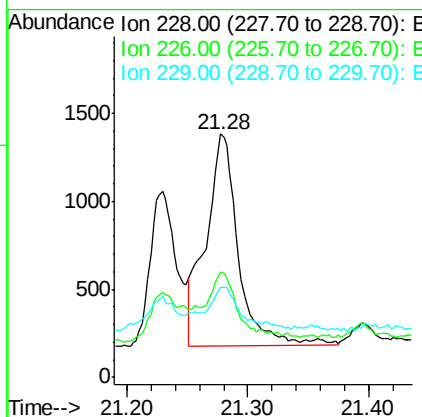
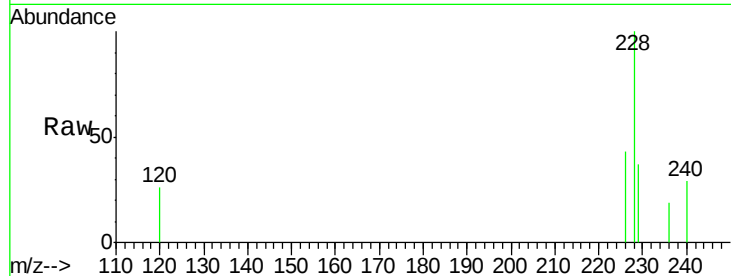
ClientSampleId :

A52F7

Tgt Ion:	228	Resp:	2234
Ion Ratio	Lower	Upper	
228	100		
226	43.1	24.9	37.3#
229	36.7	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.138 ng/ul m

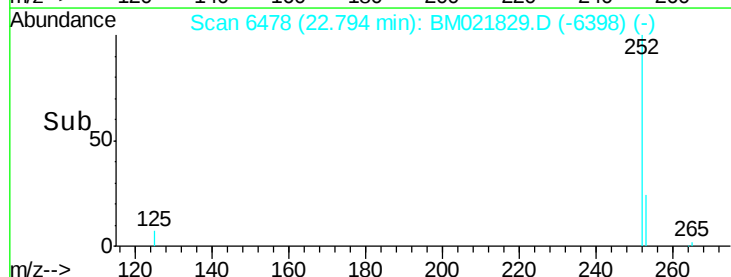
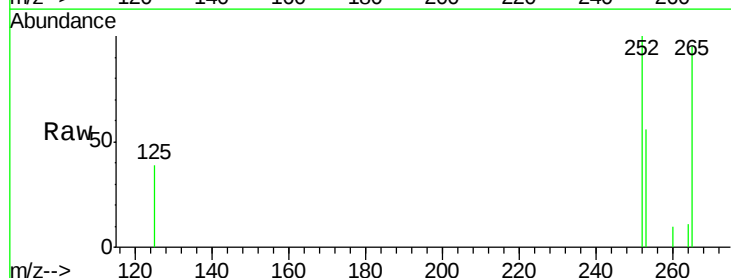
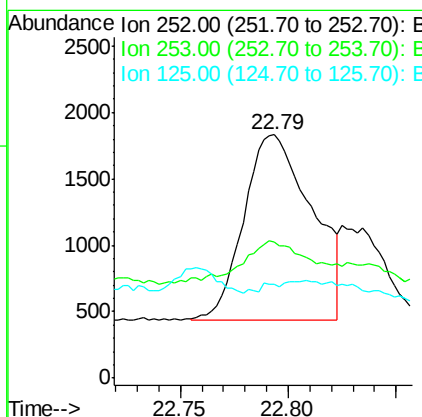
RT: 22.79 min Scan# 6478

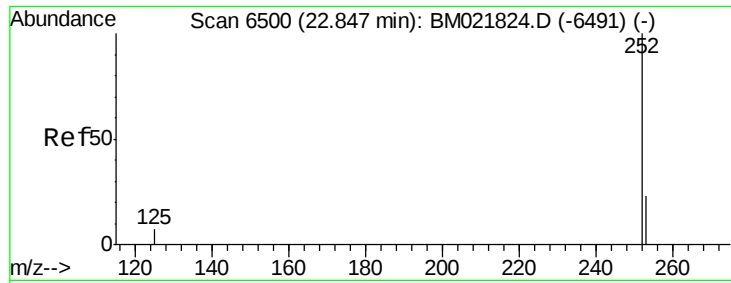
Delta R.T. -0.01 min

Lab File: BM021829.D

Acq: 05 Aug 2019 02:19

Tgt Ion:	252	Resp:	3079
Ion Ratio	Lower	Upper	
252	100		
253	55.9	0.0	67.4
125	38.7	0.0	31.0#





#22

Benzo(k)fluoranthene

Concen: 0.040 ng/ul m

RT: 22.82 min Scan# 6491

Delta R.T. -0.02 min

Lab File: BM021829.D

Acq: 05 Aug 2019 02:19

Instrument :

BNA_M

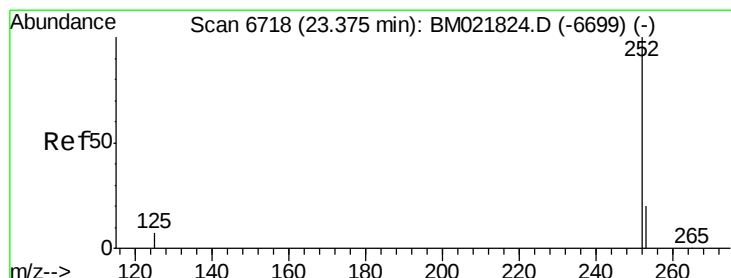
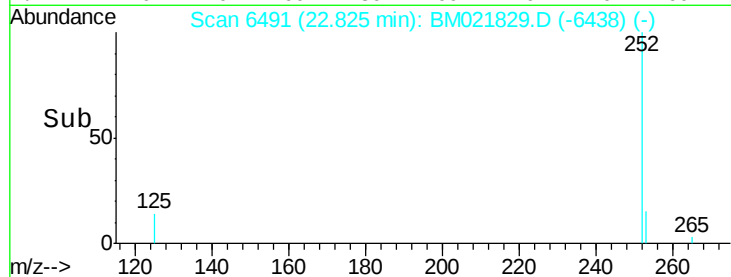
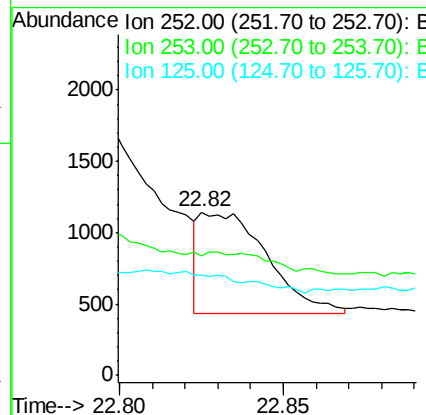
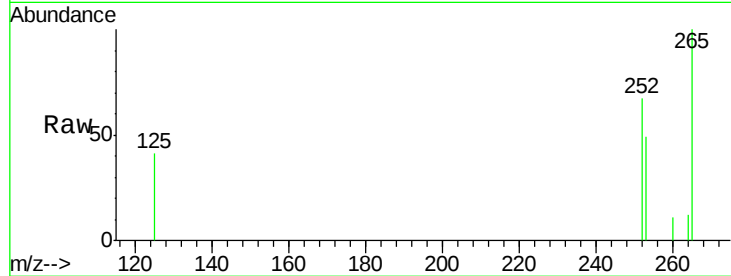
ClientSampled :

A52F7

Tgt Ion:	252	Resp:	1017
Ion Ratio	Lower	Upper	
252	100		
253	73.1	27.0	40.4#
125	61.6	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 0.082 ng/ul m

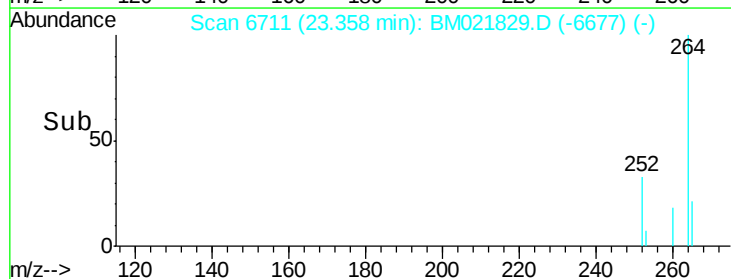
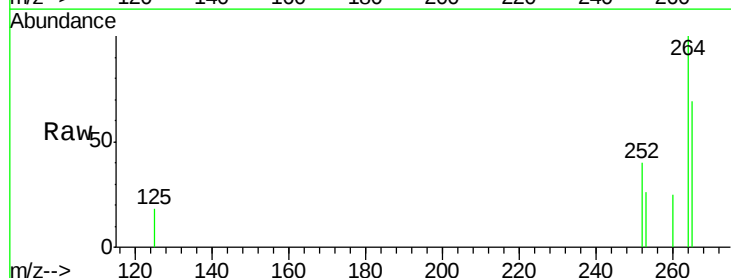
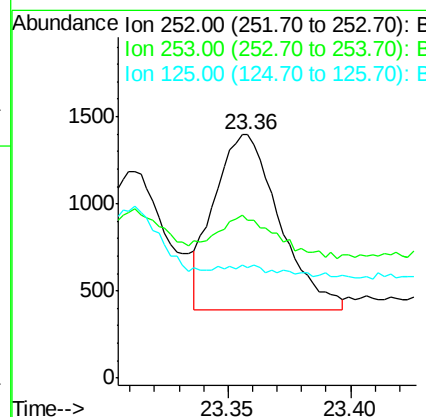
RT: 23.36 min Scan# 6711

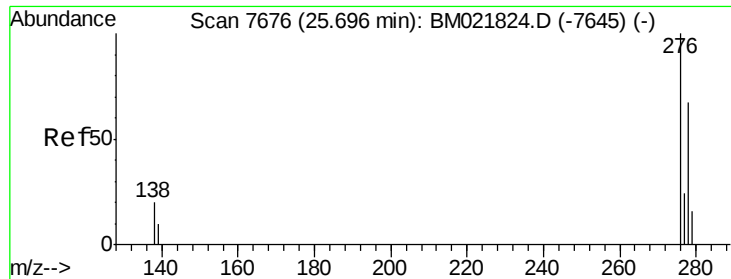
Delta R.T. -0.02 min

Lab File: BM021829.D

Acq: 05 Aug 2019 02:19

Tgt Ion:	252	Resp:	1865
Ion Ratio	Lower	Upper	
252	100		
253	64.9	31.7	47.5#
125	45.5	14.6	21.8#





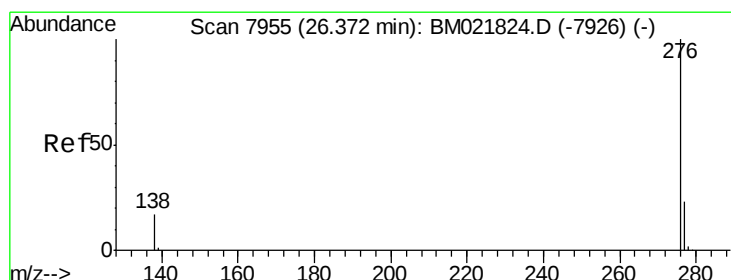
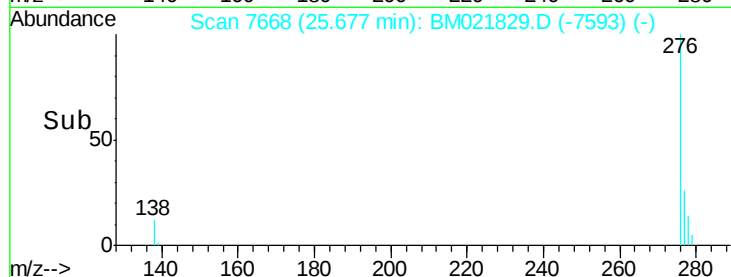
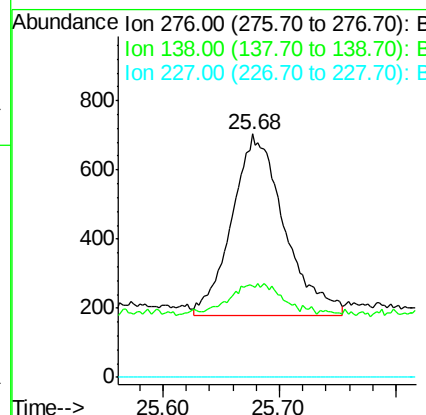
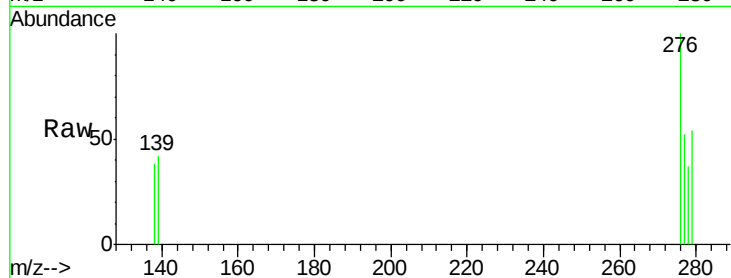
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.061 ng/ul m
 RT: 25.68 min Scan# 7668
 Delta R.T. -0.02 min
 Lab File: BM021829.D
 Acq: 05 Aug 2019 02:19

Instrument :
 BNA_M
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 A52F7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1643		
138	1.1	15.1	22.7#	
227	0.0	0.0	0.0	

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#26
 Benzo(g,h,i)perylene
 Concen: 0.065 ng/ul m
 RT: 26.36 min Scan# 7951
 Delta R.T. -0.01 min
 Lab File: BM021829.D
 Acq: 05 Aug 2019 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1583		
138	38.4	15.5	23.3#	
277	50.0	21.4	32.2#	

