

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021996.D
 Acq On : 10 Aug 2019 12:39
 Operator : HP/JU
 Sample : K4041-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX1

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Quant Time: Aug 11 00:20:54 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	563	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	2315	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1234	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	2906m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	2493m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	2225m	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	629	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1731m	0.18	ng/ul	-0.02

Target Compounds				Qvalue		
7) Acenaphthylene	13.99	152	252	0.044	ng/ul#	64
12) Phenanthrene	17.06	178	1572	0.186	ng/ul	94
13) Anthracene	17.16	178	387m	0.054	ng/ul	
15) Fluoranthene	19.09	202	3581m	0.316	ng/ul	
17) Pyrene	19.46	202	3844	0.375	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	1968	0.221	ng/ul	93
19) Chrysene	21.27	228	2069	0.180	ng/ul	94
21) Benzo(b)fluoranthene	22.78	252	2817m	0.375	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1284m	0.151	ng/ul	
23) Benzo(a)pyrene	23.35	252	2021	0.265	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.67	276	1379	0.151	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.67	278	338	0.046	ng/ul#	1
26) Benzo(g,h,i)perylene	26.35	276	1399	0.171	ng/ul#	78

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

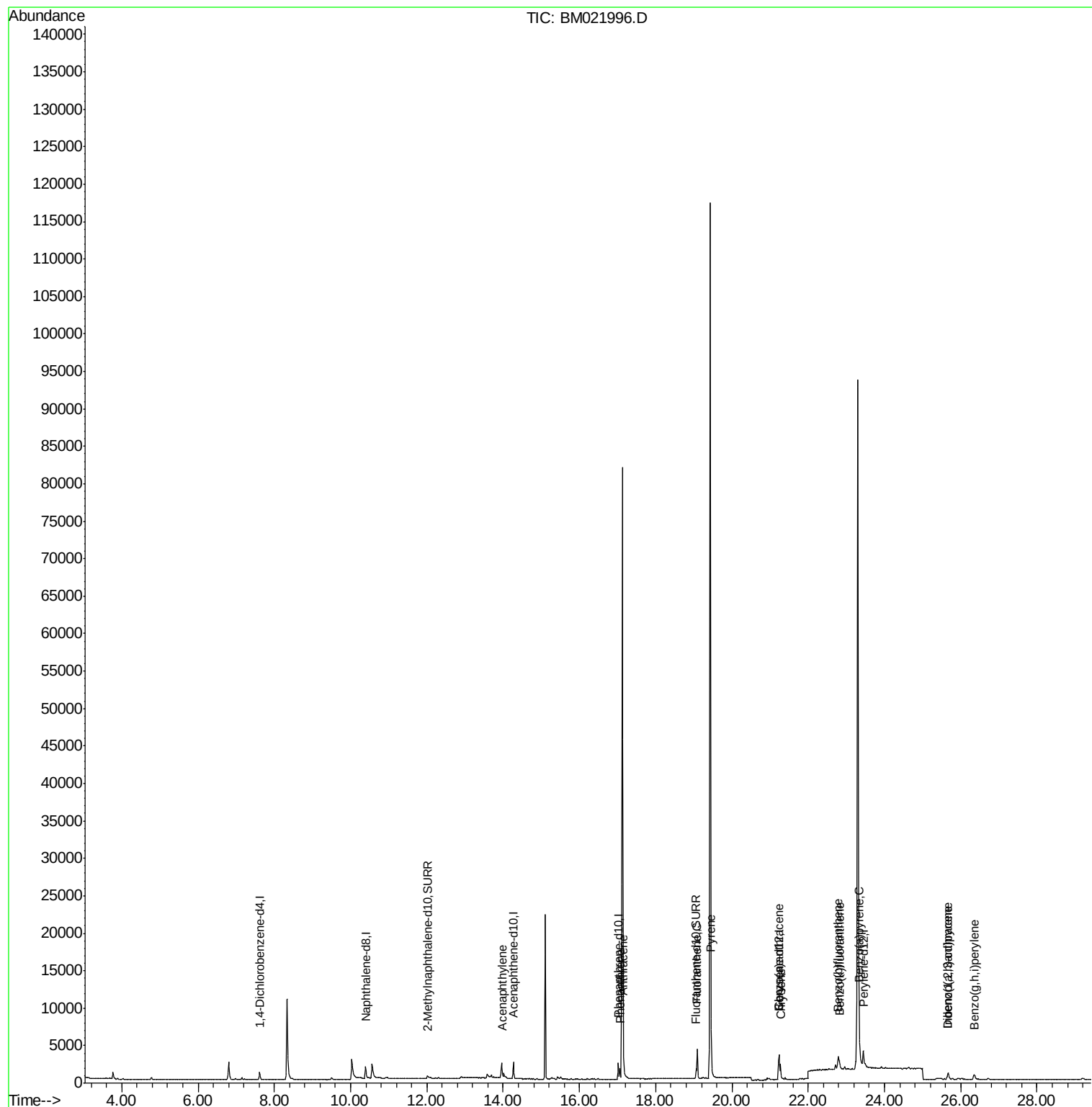
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021996.D
Acq On : 10 Aug 2019 12:39
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

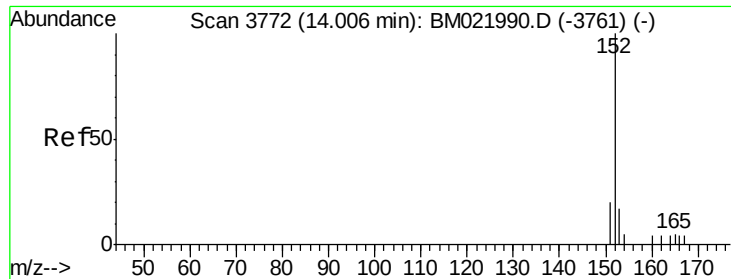
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BM021996.D

Acq: 10 Aug 2019 12:39

Instrument :

BNA_M

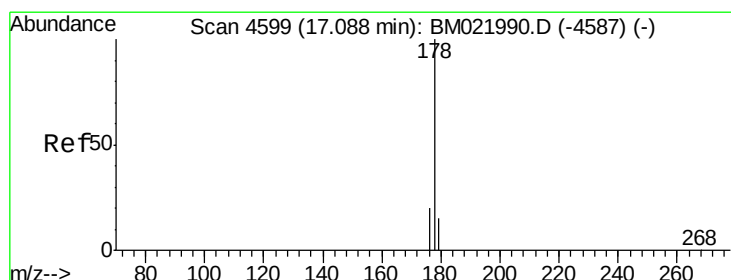
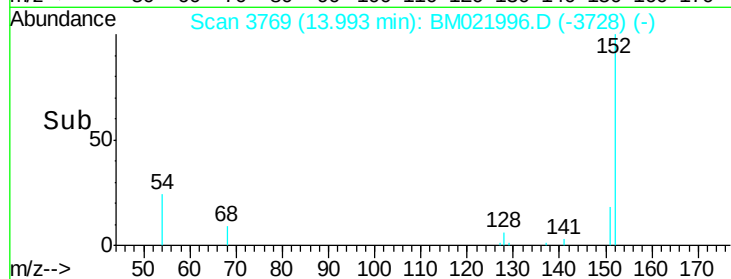
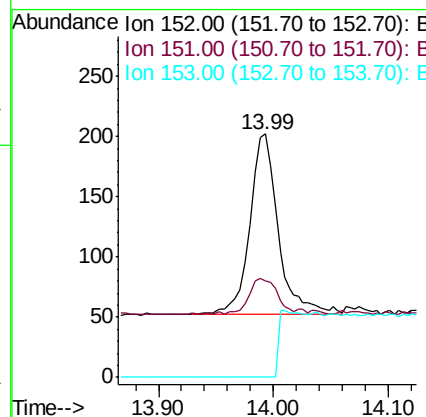
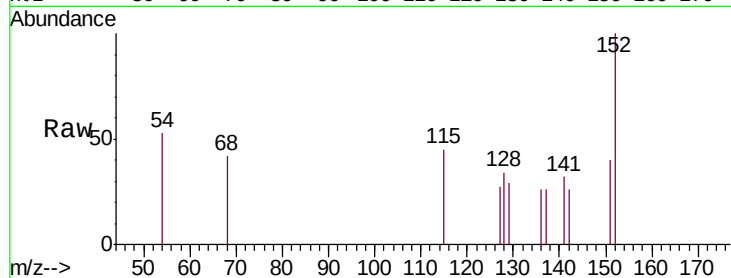
ClientSampleId :

BENX1

Tgt Ion:	152	Resp:	252
Ion Ratio	Lower	Upper	
152	100		
151	39.6	18.3	27.5#
153	0.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.186 ng/ul

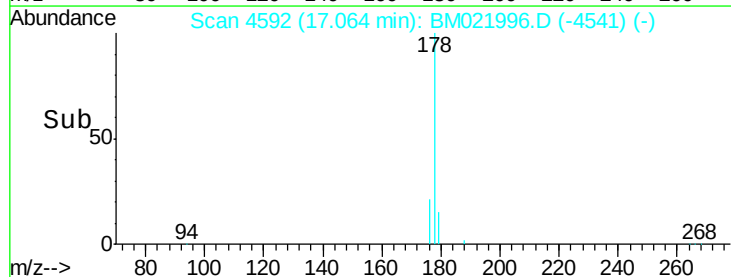
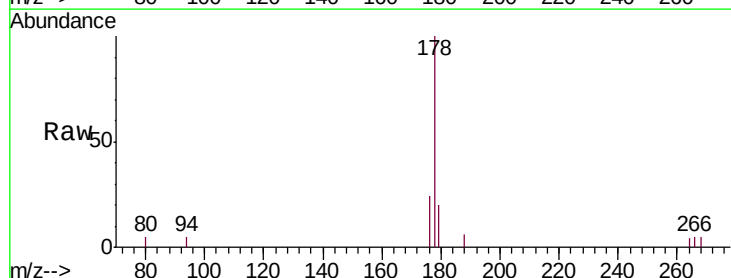
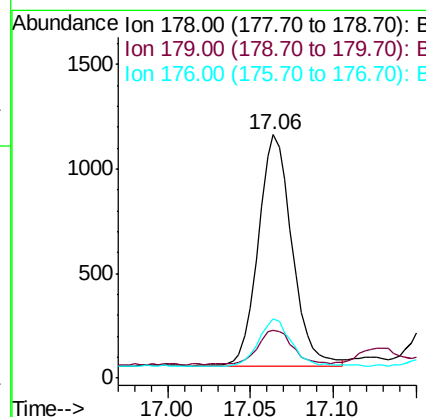
RT: 17.06 min Scan# 4592

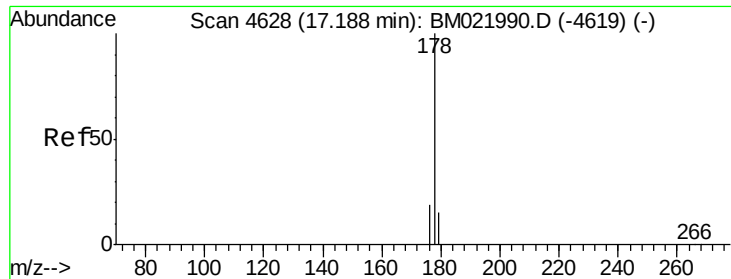
Delta R.T. -0.02 min

Lab File: BM021996.D

Acq: 10 Aug 2019 12:39

Tgt Ion:	178	Resp:	1572
Ion Ratio	Lower	Upper	
178	100		
179	19.7	14.2	21.2
176	24.5	16.8	25.2





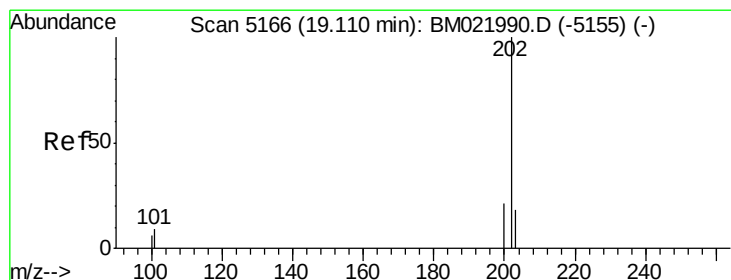
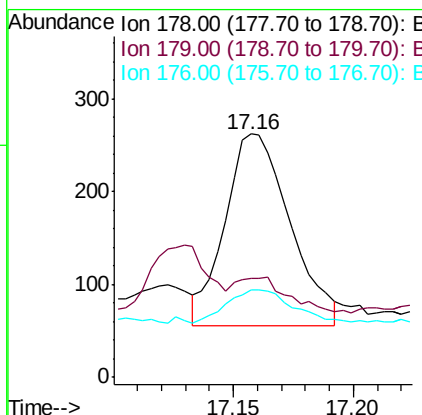
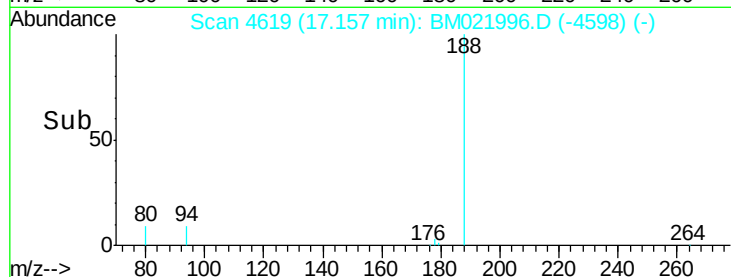
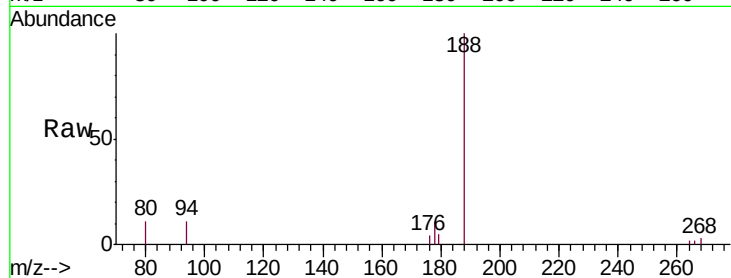
#13
 Anthracene
 Concen: 0.054 ng/ul m
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.03 min
 Lab File: BM021996.D
 Acq: 10 Aug 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	40.8	15.5	23.3#
176	35.9	16.6	25.0#

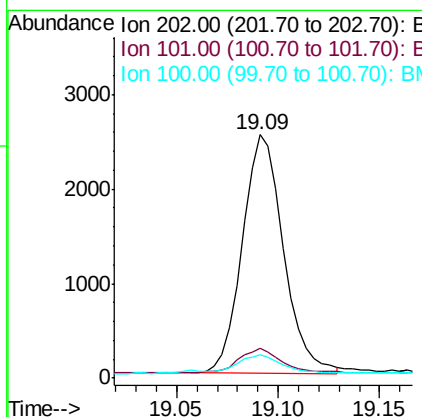
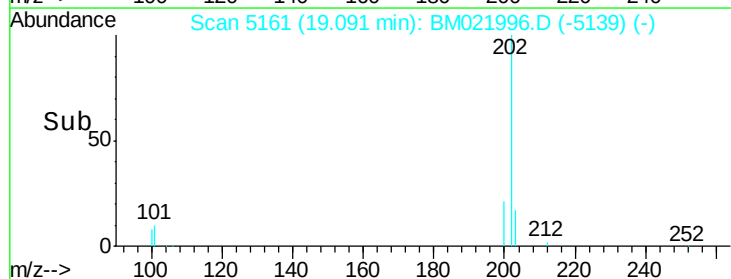
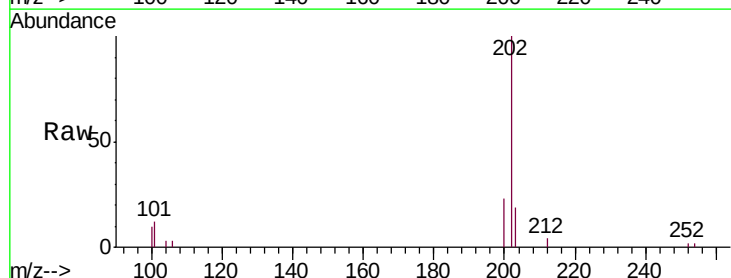
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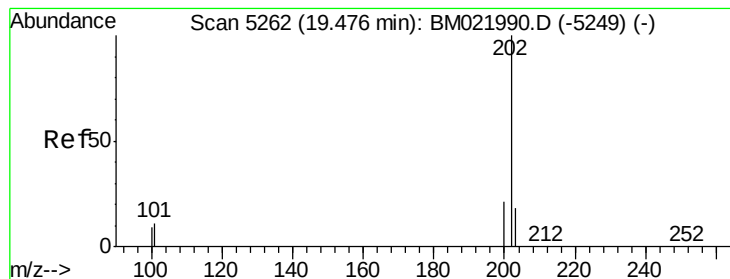
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#15
 Fluoranthene
 Concen: 0.316 ng/ul m
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM021996.D
 Acq: 10 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.2
100	9.7	0.0	28.1





#17

Pyrene

Concen: 0.375 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021996.D

Acq: 10 Aug 2019 12:39

Instrument :

BNA_M

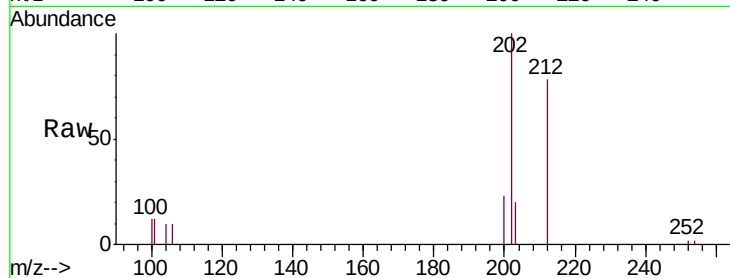
ClientSampleId :

BENX1

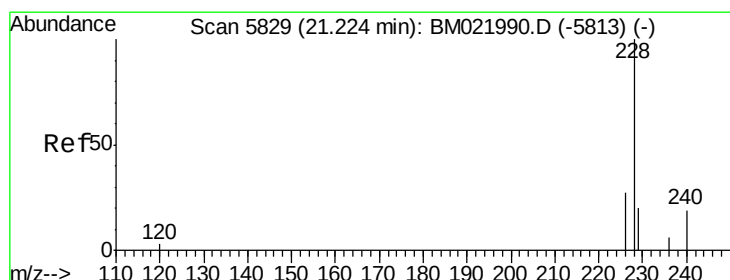
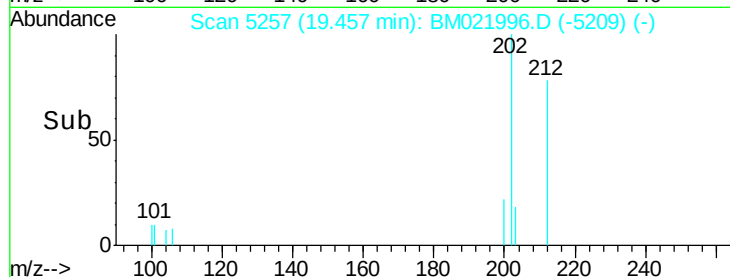
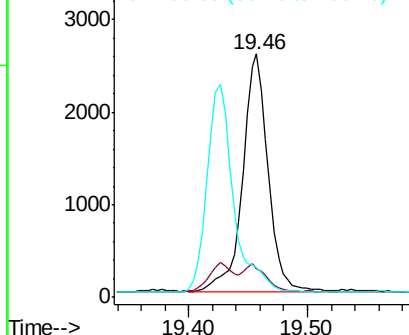
Tgt Ion:	202	Resp:	3844
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.3	12.5
100	12.2	7.2	10.8#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.221 ng/ul

RT: 21.22 min Scan# 5827

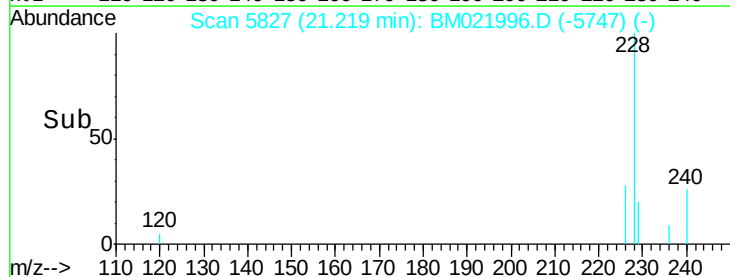
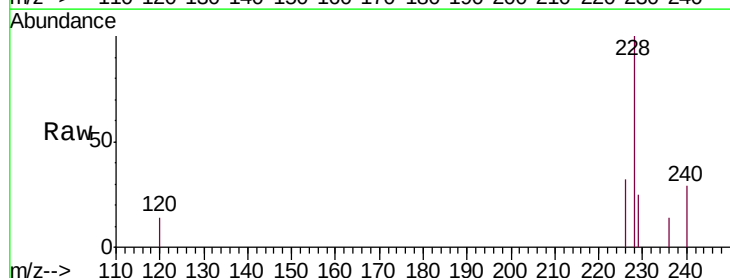
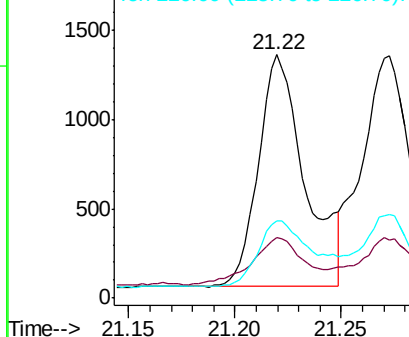
Delta R.T. -0.01 min

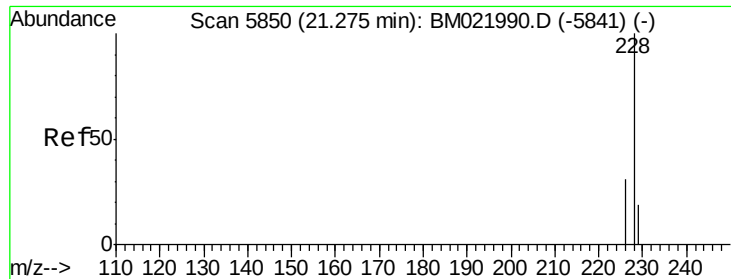
Lab File: BM021996.D

Acq: 10 Aug 2019 12:39

Tgt Ion:	228	Resp:	1968
Ion Ratio	Lower	Upper	
228	100		
229	25.1	17.2	25.8
226	31.6	22.6	34.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.180 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.00 min

Lab File: BM021996.D

Acq: 10 Aug 2019 12:39

Instrument :

BNA_M

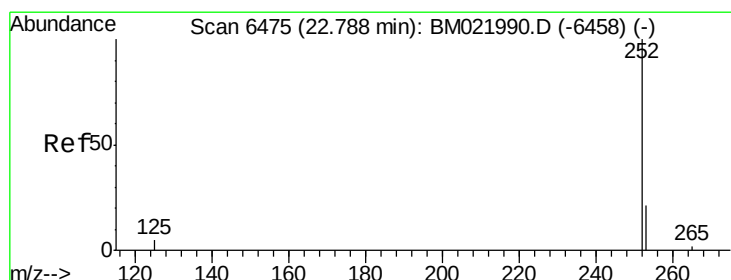
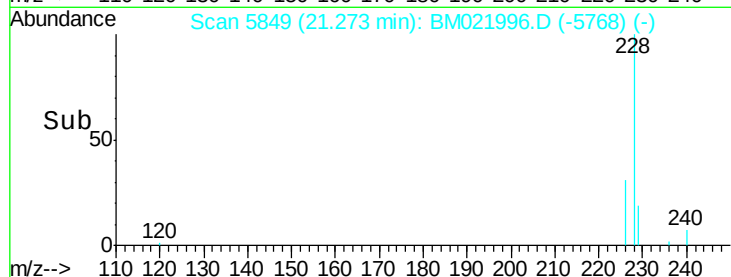
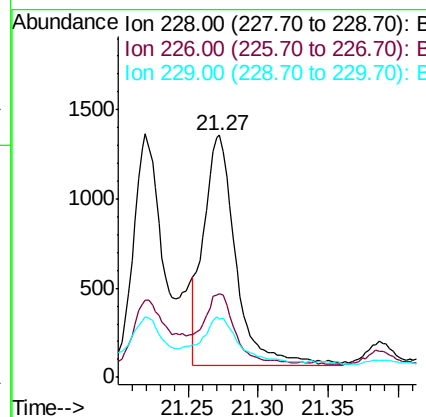
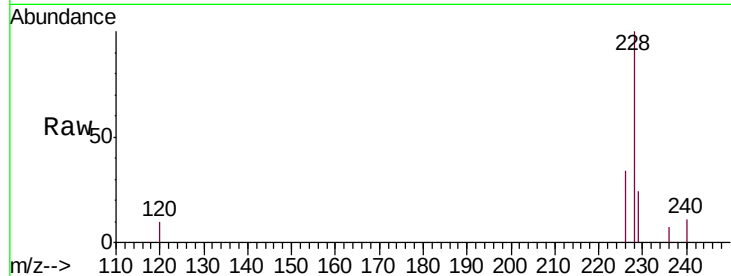
ClientSampleId :

BENX1

Tgt Ion:	228	Resp:	2069
Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.9	37.3
229	23.9	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.375 ng/ul m

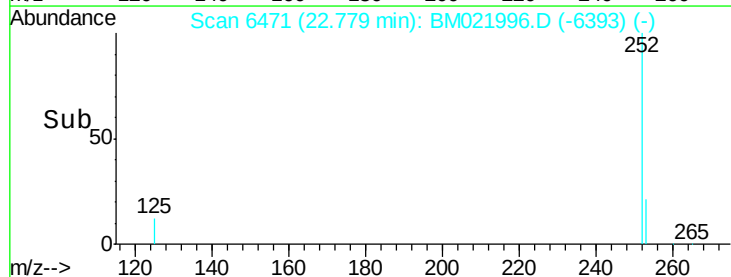
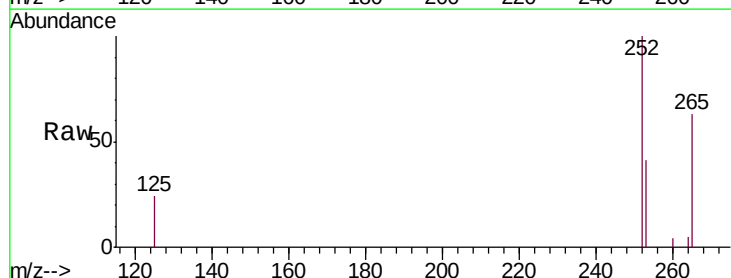
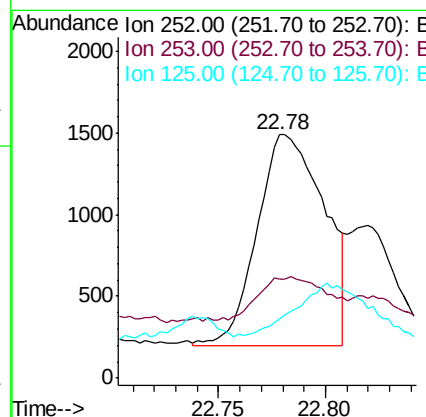
RT: 22.78 min Scan# 6471

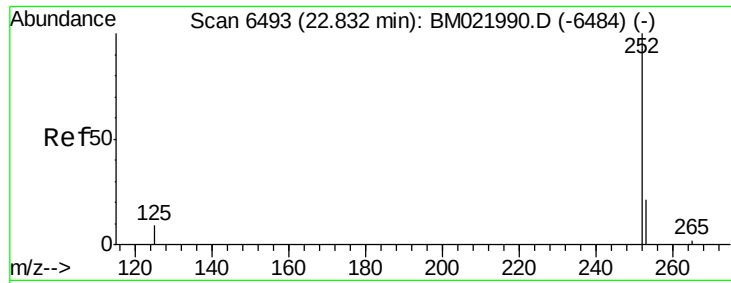
Delta R.T. -0.01 min

Lab File: BM021996.D

Acq: 10 Aug 2019 12:39

Tgt Ion:	252	Resp:	2817
Ion	Ratio	Lower	Upper
252	100		
253	40.7	0.0	67.4
125	24.2	0.0	31.0





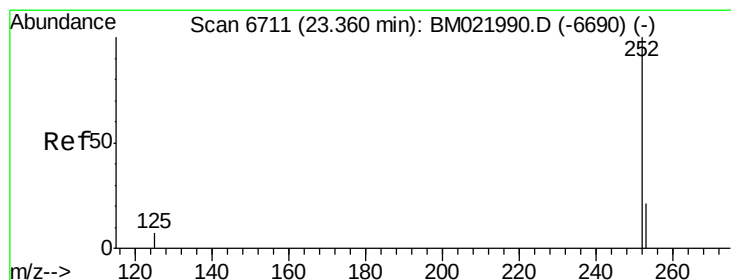
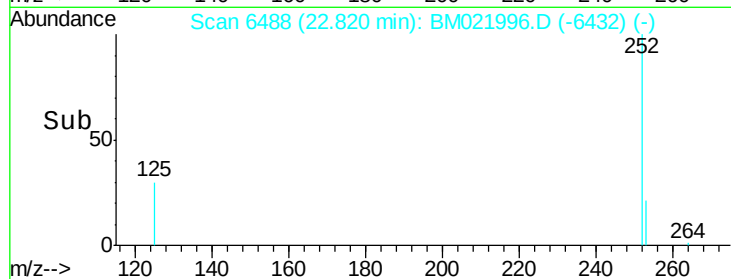
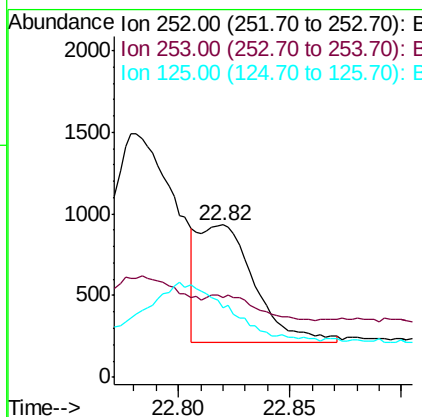
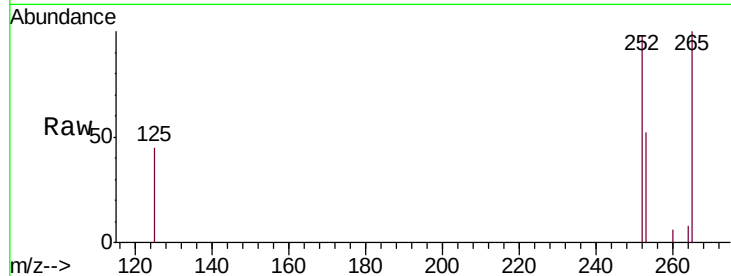
#22
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.01 min
Lab File: BM021996.D
Acq: 10 Aug 2019 12:39

Instrument :
BNA_M
ClientSampleId :
BENX1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.6	27.0	40.4#
125	45.4	12.2	18.2#

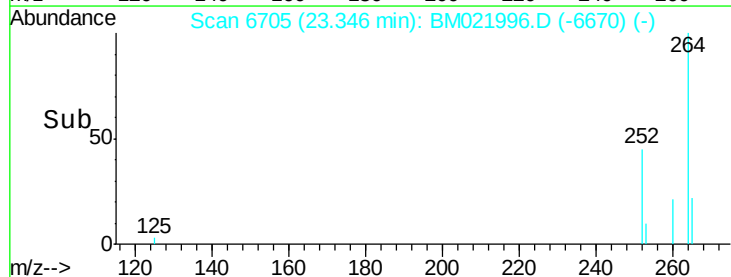
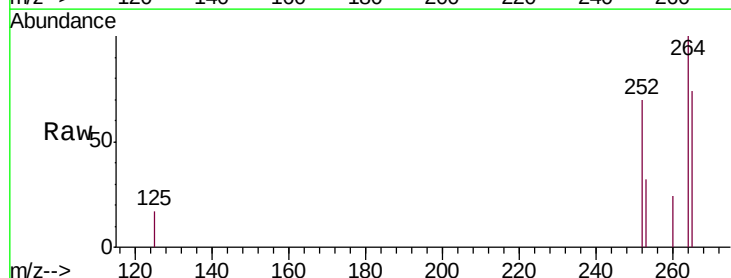
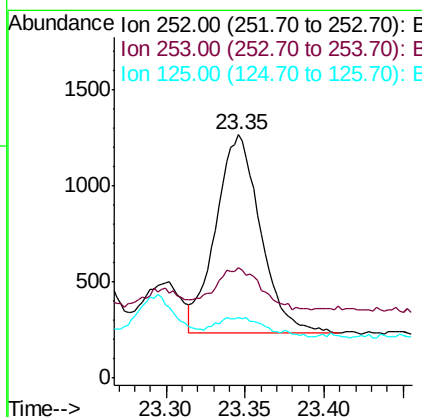
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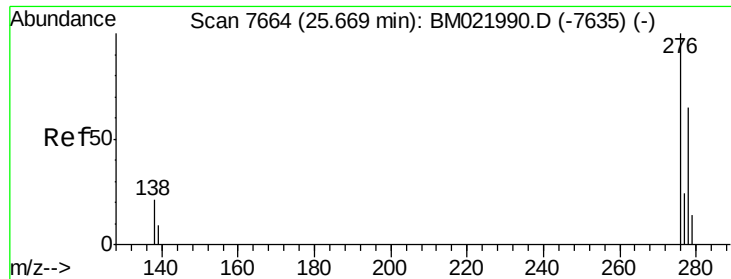
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#23
Benzo(a)pyrene
Concen: 0.265 ng/ul
RT: 23.35 min Scan# 6705
Delta R.T. -0.01 min
Lab File: BM021996.D
Acq: 10 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.5	31.7	47.5
125	25.1	14.6	21.8#

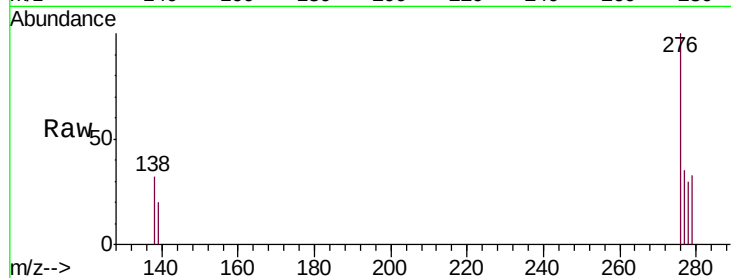




#24

Indeno(1,2,3-cd)pyrene
Concen: 0.151 ng/ul
RT: 25.67 min Scan# 7663
Delta R.T. -0.01 min
Lab File: BM021996.D
Acq: 10 Aug 2019 12:39

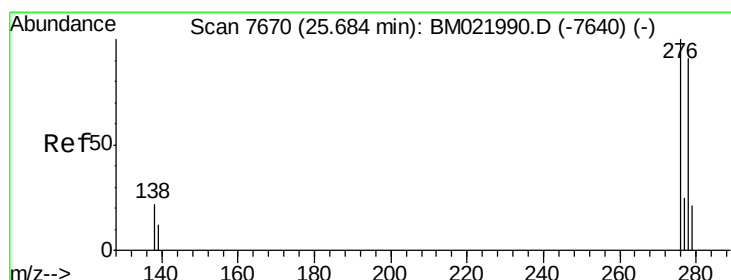
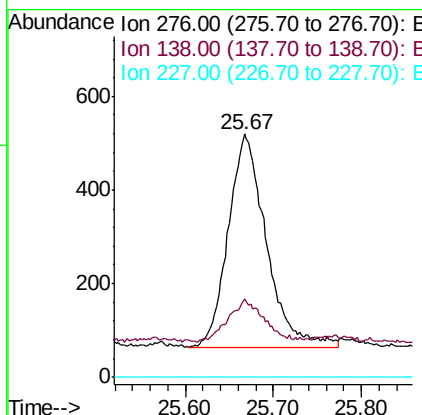
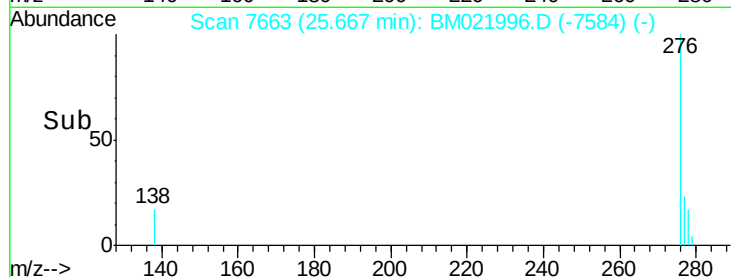
Instrument :
BNA_M
ClientSampleId :
BENX1



Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.1	22.7
227	0.0	0.0	0.0

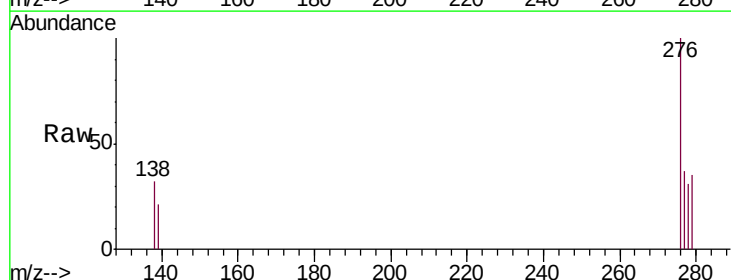
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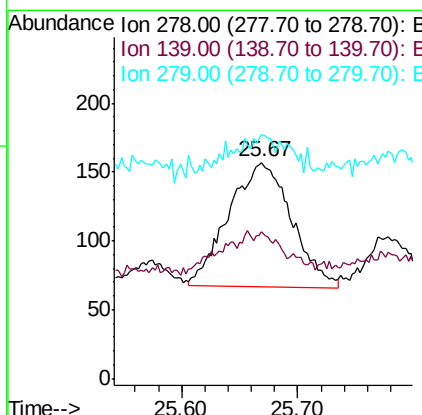
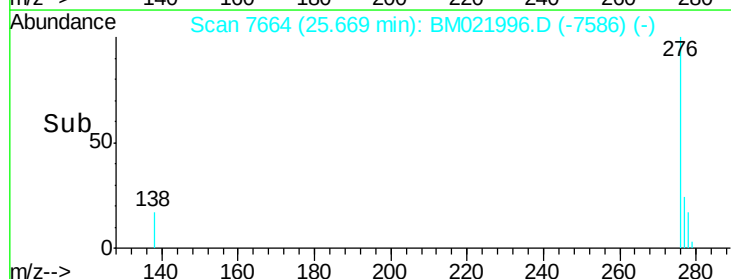


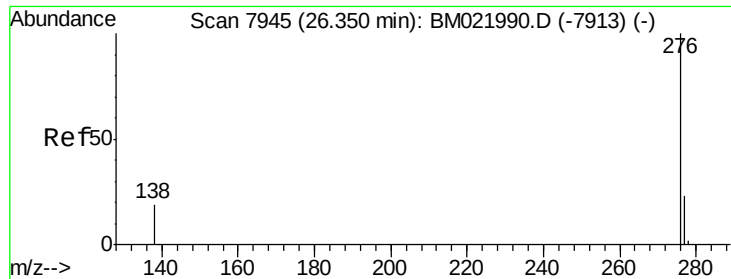
#25

Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021996.D
Acq: 10 Aug 2019 12:39



Tgt Ion	Ratio	Lower	Upper
278	100		
139	68.2	14.2	21.2#
279	112.7	28.3	42.5#





#26

Benzo(g,h,i)perylene

Concen: 0.171 ng/uL

RT: 26.35 min Scan# 7946

Delta R.T. -0.00 min

Lab File: BM021996.D

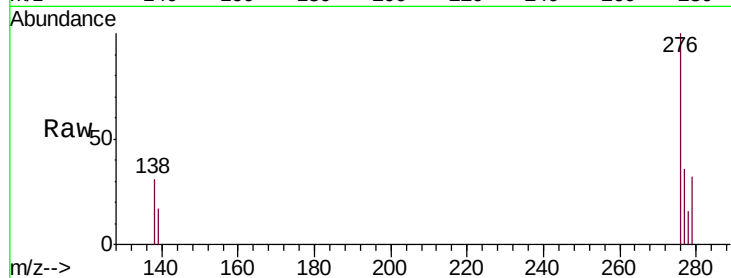
Acq: 10 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

BENX1



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	31.3	15.5	23.3#	
277	36.3	21.4	32.2#	

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