

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021992.D
 Acq On : 10 Aug 2019 10:13
 Operator : HP/JU
 Sample : K4041-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT2

Manual Integrations
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Quant Time: Aug 10 23:13:49 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	7.61	152	526	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	2290	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1247	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	2946m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	2404m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	2090m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1002	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2705m	0.27	ng/ul	-0.01
Target Compounds				Qvalue		
15) Fluoranthene	19.09	202	1106m	0.096	ng/ul	
17) Pyrene	19.46	202	1138	0.115	ng/ul#	69
18) Benzo(a)anthracene	21.22	228	627	0.073	ng/ul#	78
19) Chrysene	21.27	228	634	0.057	ng/ul#	83
21) Benzo(b)fluoranthene	22.78	252	989m	0.140	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	397m	0.050	ng/ul	
23) Benzo(a)pyrene	23.34	252	620m	0.087	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	479m	0.056	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	457m	0.059	ng/ul	

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

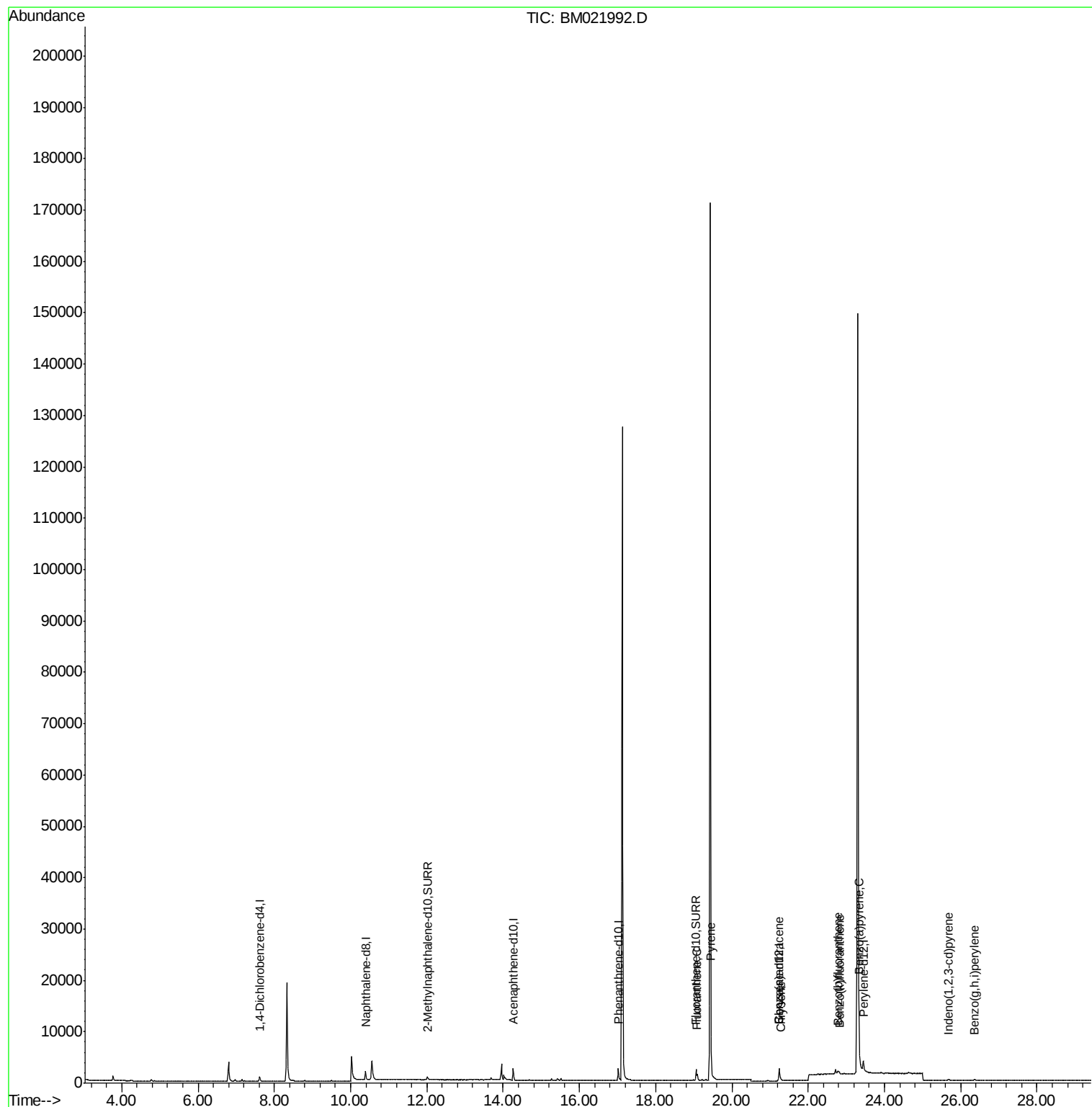
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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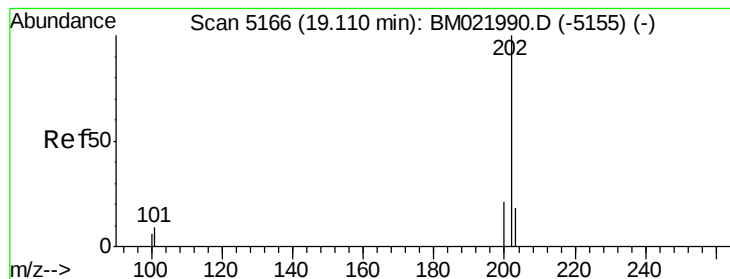
Instrument :
BNA_M
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#15

Fluoranthene

Concen: 0.096 ng/ul m

RT: 19.09 min Scan# 5162

Delta R.T. -0.01 min

Lab File: BM021992.D

Acq: 10 Aug 2019 10:13

Instrument :

BNA_M

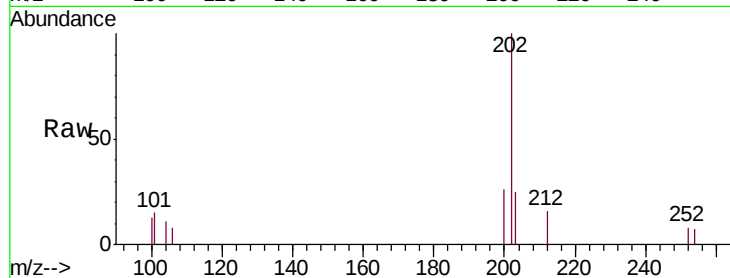
ClientSampled :

BENT2

Tgt Ion:	202	Resp:	1106
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	30.2
100	13.1	0.0	28.1

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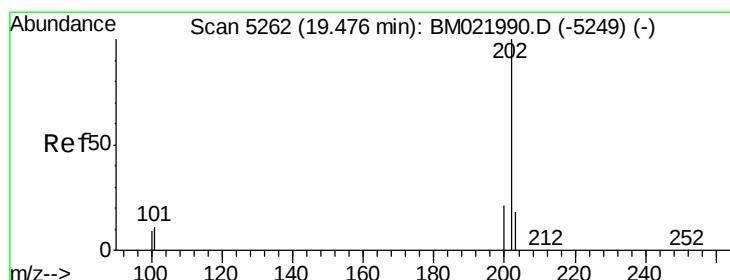
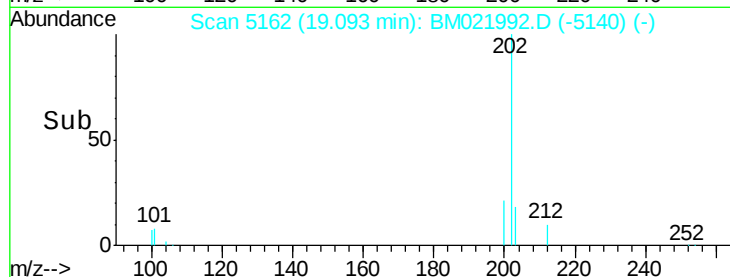
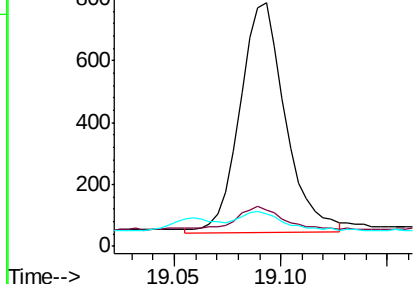
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.115 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021992.D

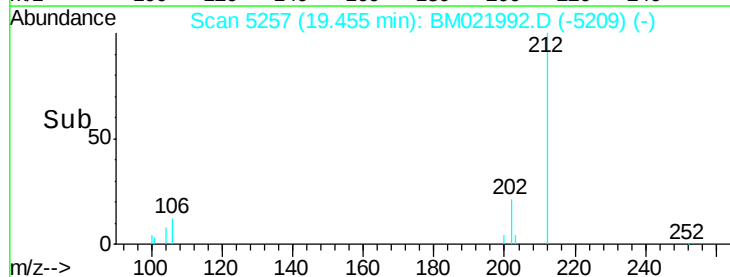
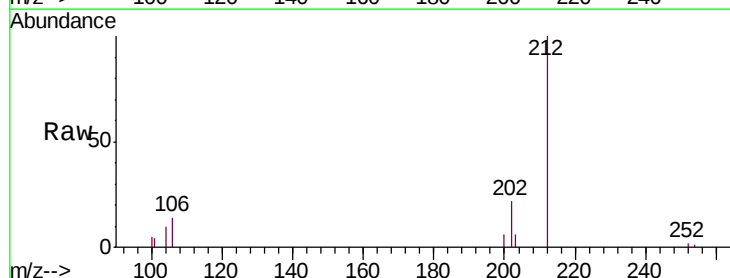
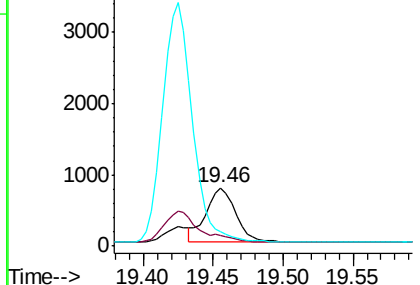
Acq: 10 Aug 2019 10:13

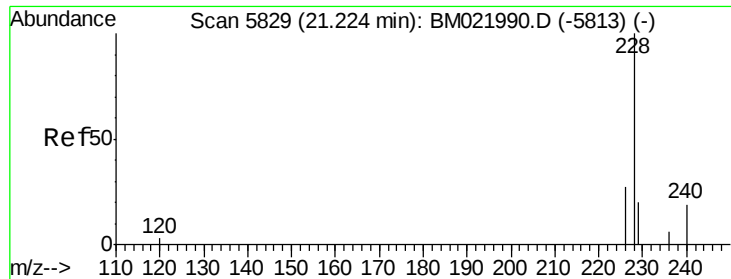
Tgt Ion:	202	Resp:	1138
Ion Ratio	Lower	Upper	
202	100		
101	18.7	8.3	12.5#
100	24.0	7.2	10.8#

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: 0.073 ng/u1

RT: 21.22 min Scan# 5830

Delta R.T. -0.00 min

Lab File: BM021992.D

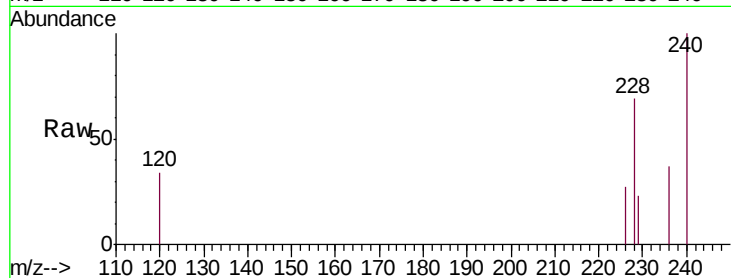
Acq: 10 Aug 2019 10:13

Instrument :

BNA_M

ClientSampled :

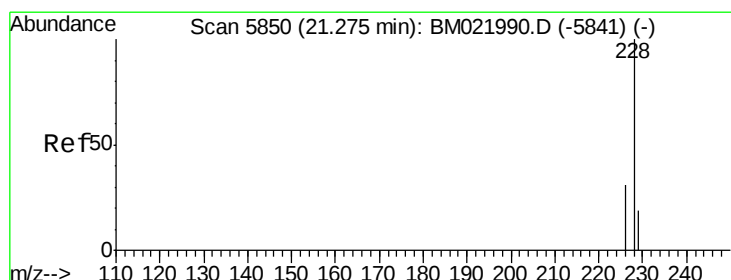
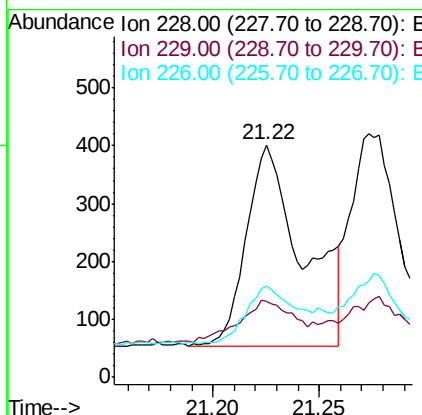
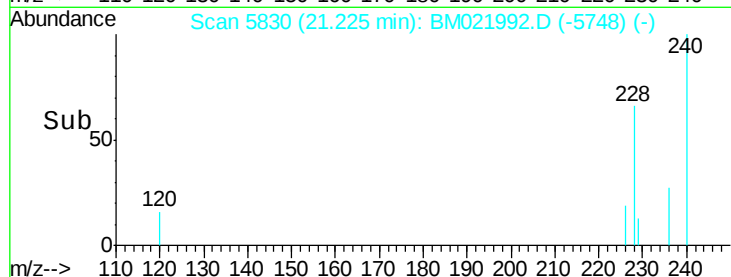
BENT2



Tgt Ion:	228	Resp:	627
Ion Ratio	Lower	Upper	
228	100		
229	32.7	17.2	25.8#
226	39.4	22.6	34.0#

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#19

Chrysene

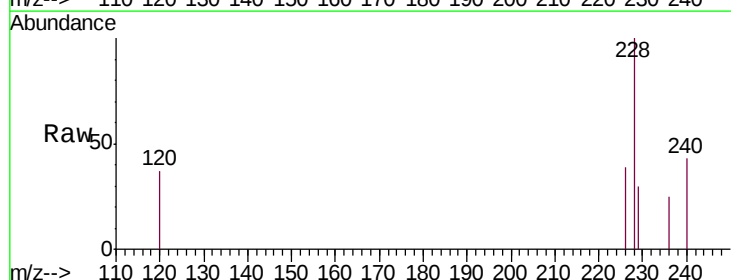
Concen: 0.057 ng/u1

RT: 21.27 min Scan# 5850

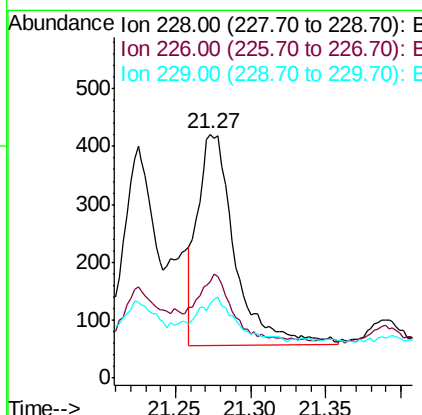
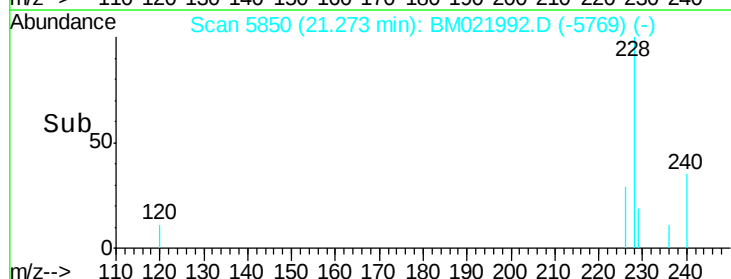
Delta R.T. -0.00 min

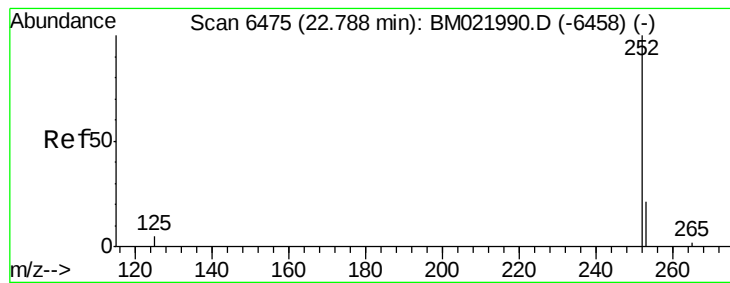
Lab File: BM021992.D

Acq: 10 Aug 2019 10:13



Tgt Ion:	228	Resp:	634
Ion Ratio	Lower	Upper	
228	100		
226	39.4	24.9	37.3#
229	30.4	16.6	25.0#





#21

Benzo(b)fluoranthene

Concen: 0.140 ng/ul m

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

Lab File: BM021992.D

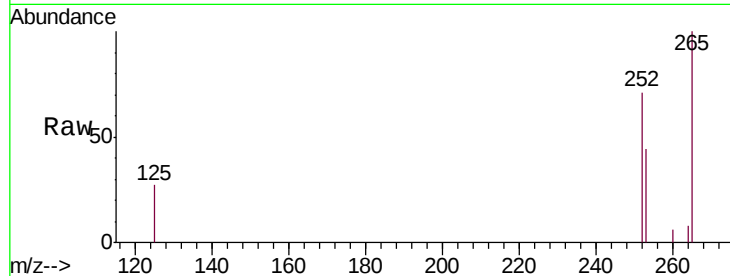
Acq: 10 Aug 2019 10:13

Instrument :

BNA_M

ClientSampleId :

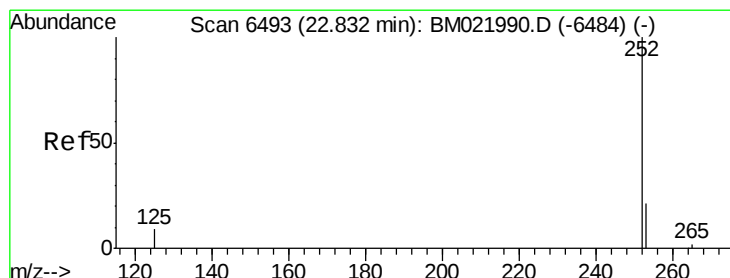
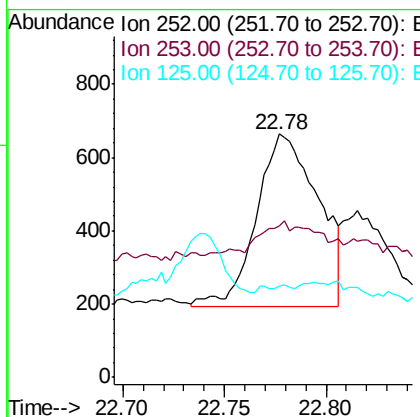
BENT2



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	989		
253	62.4		0.0	67.4
125	37.6		0.0	31.0

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#22

Benzo(k)fluoranthene

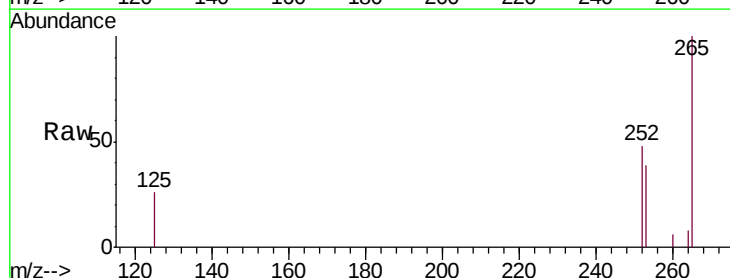
Concen: 0.050 ng/ul m

RT: 22.82 min Scan# 6487

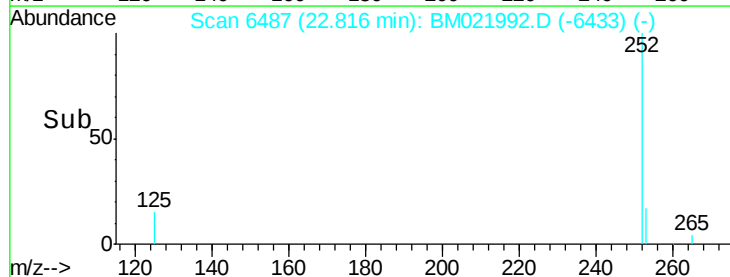
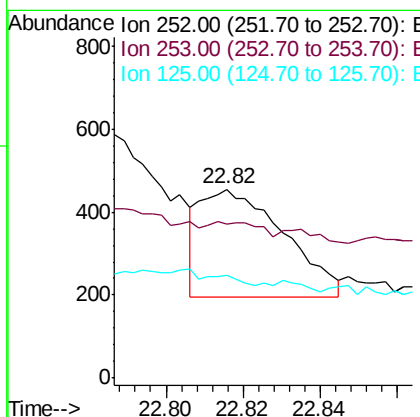
Delta R.T. -0.02 min

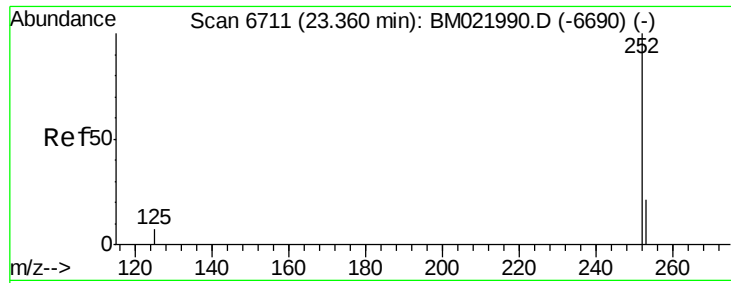
Lab File: BM021992.D

Acq: 10 Aug 2019 10:13



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	397		
253	81.5		27.0	40.4
125	54.3		12.2	18.2





#23

Benzo(a)pyrene

Concen: 0.087 ng/ul m

RT: 23.34 min Scan# 6703

Delta R.T. -0.02 min

Lab File: BM021992.D

Acq: 10 Aug 2019 10:13

Instrument :

BNA_M

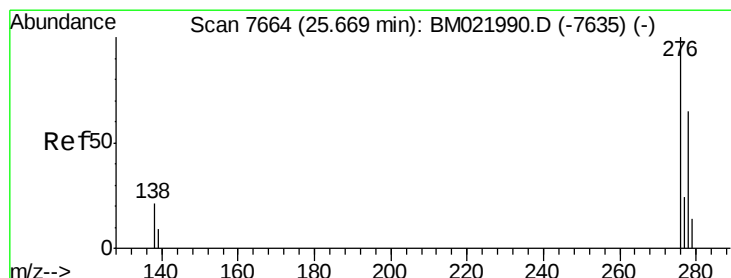
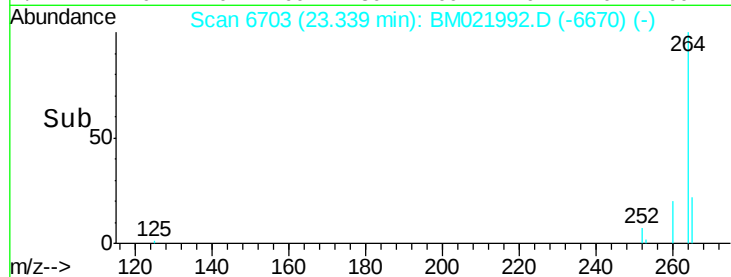
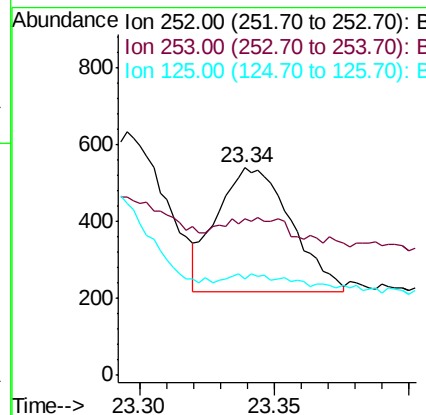
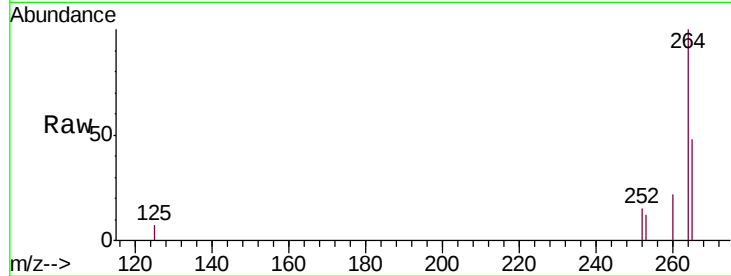
ClientSampled :

BENT2

Tgt Ion:	252	Resp:	620
Ion Ratio	Lower	Upper	
252	100		
253	75.3	31.7	47.5#
125	46.6	14.6	21.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng/ul m

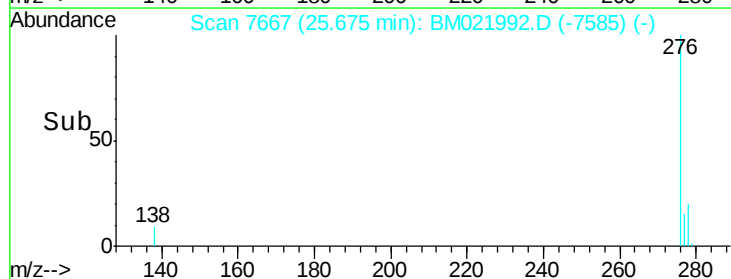
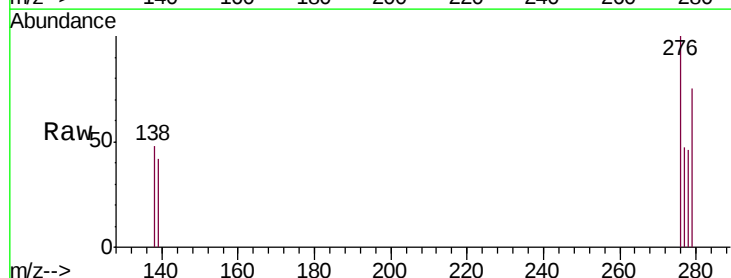
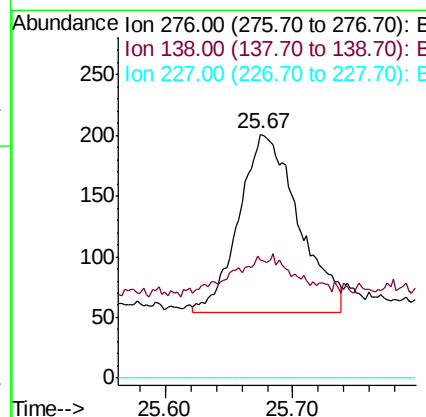
RT: 25.67 min Scan# 7667

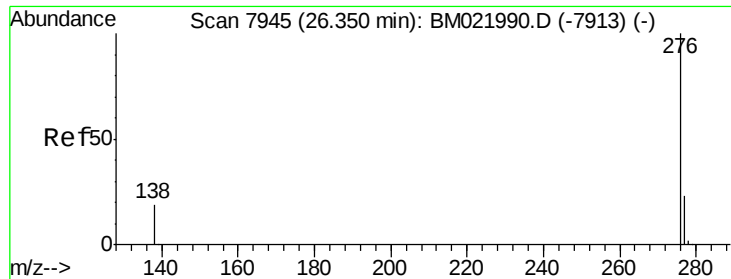
Delta R.T. -0.00 min

Lab File: BM021992.D

Acq: 10 Aug 2019 10:13

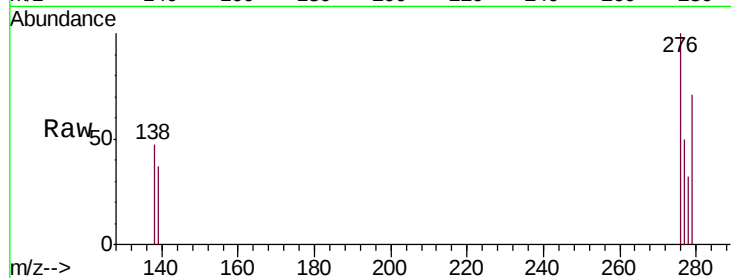
Tgt Ion:	276	Resp:	479
Ion Ratio	Lower	Upper	
276	100		
138	1.3	15.1	22.7#
227	0.0	0.0	0.0





#26
 Benzo(g,h,i)perylene
 Concen: 0.059 ng/ul m
 RT: 26.36 min Scan# 7948
 Delta R.T. -0.00 min
 Lab File: BM021992.D
 Acq: 10 Aug 2019 10:13

Instrument :
 BNA_M
 ClientSampleId :
 BENT2



Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.3	15.5	23.3#
277	50.2	21.4	32.2#

Manual Integrations
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