

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:30:51 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	7.62	152	778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3418	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1895	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4381m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4078m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4055m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	933	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	2611m	0.18	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	301	0.031	ng/ul#	57
5) 2-Methylnaphthalene	12.09	142	177	0.028	ng/ul	94
7) Acenaphthylene	14.00	152	672	0.076	ng/ul#	77
8) Acenaphthene	14.34	153	203	0.028	ng/ul#	87
9) Fluorene	15.33	166	223	0.028	ng/ul#	92
12) Phenanthrene	17.07	178	4268	0.335	ng/ul	98
13) Anthracene	17.16	178	1209m	0.111	ng/ul	
15) Fluoranthene	19.10	202	10355m	0.606	ng/ul	
17) Pyrene	19.46	202	11454	0.684	ng/ul	96
18) Benzo(a)anthracene	21.22	228	6580	0.451	ng/ul	97
19) Chrysene	21.27	228	6669	0.355	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	8591m	0.628	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	3267m	0.211	ng/ul	
23) Benzo(a)pyrene	23.35	252	6721m	0.483	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	4209m	0.253	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	1178m	0.088	ng/ul	
26) Benzo(a,h,i)perylene	26.35	276	4141m	0.277	ng/ul	

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

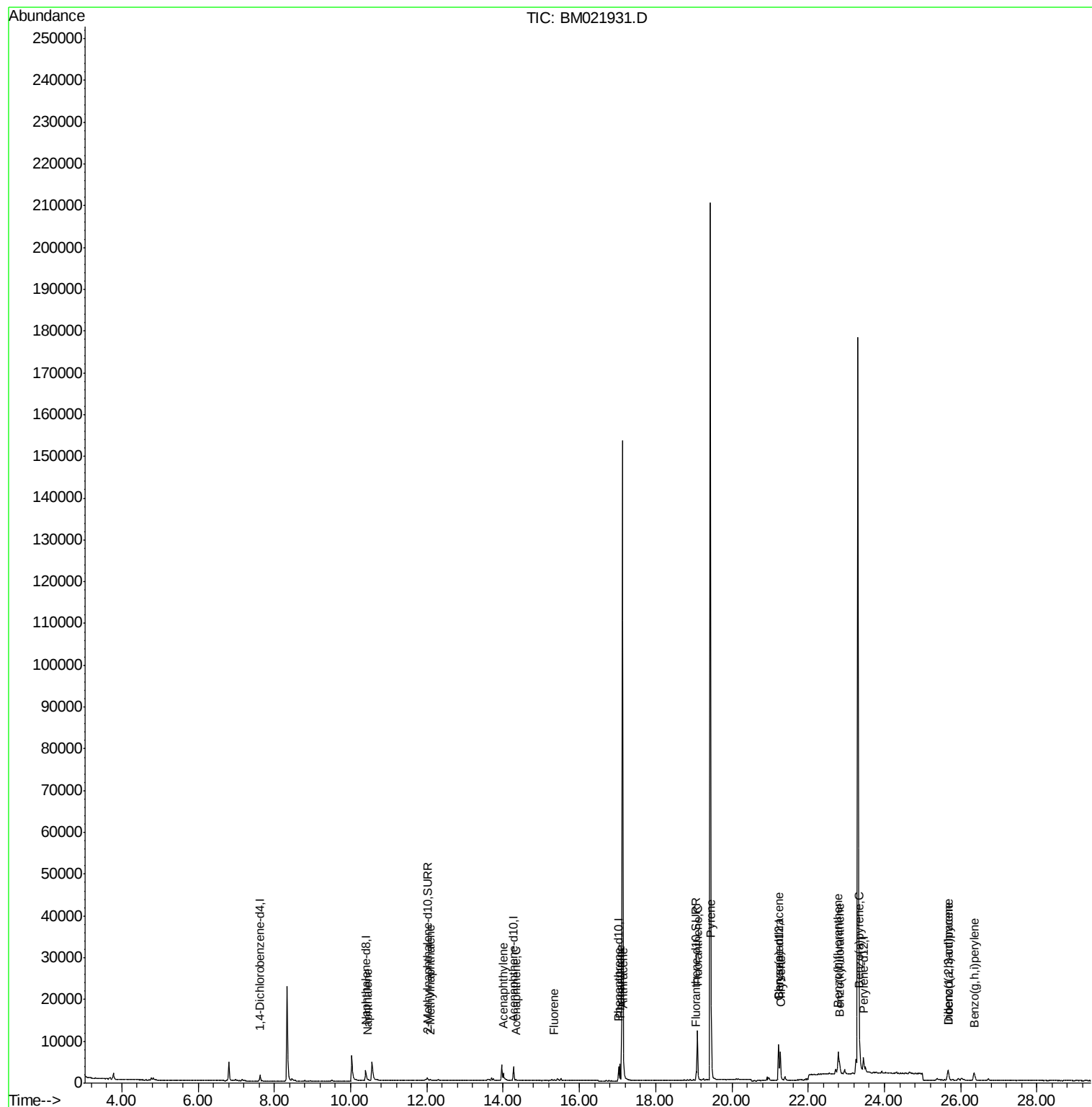
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 41 Sample Multiplier: 1

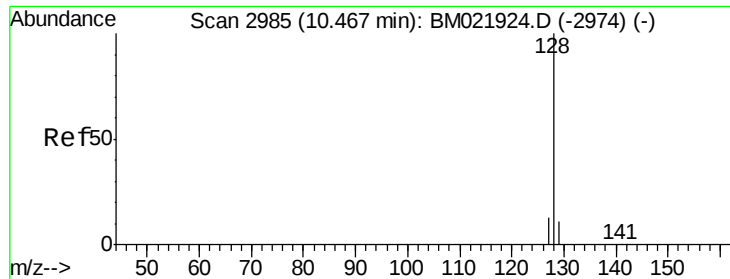
Instrument :
BNA_M
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Quant Time: Aug 08 17:30:51 2019
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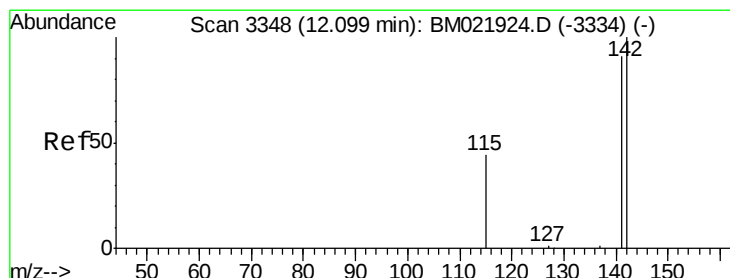
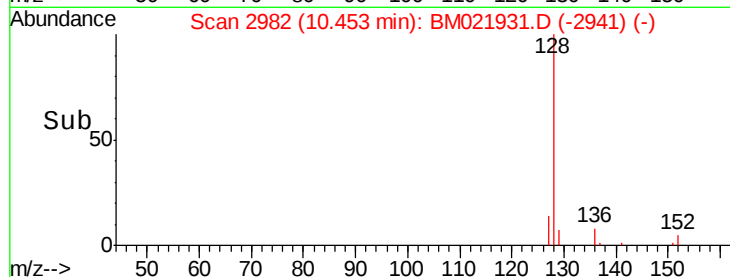
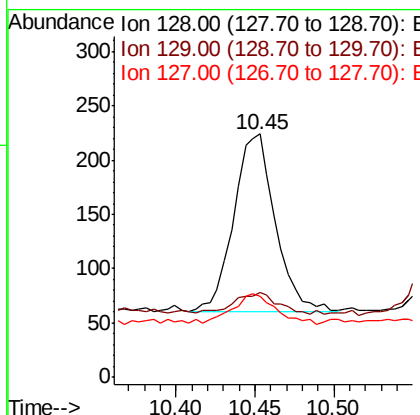
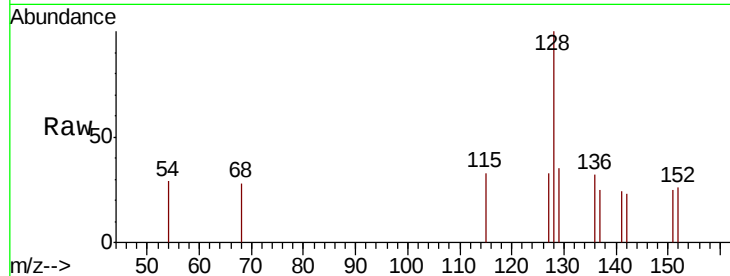
#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.45 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BM021931.D
Acq: 08 Aug 2019 13:44

Instrument :
BNA_M
ClientSampleId :
BENQ9

Tot Ion	Ratio	Lower	Upper
128	100		
129	34.8	12.3	18.5#
127	33.5	13.0	19.6#

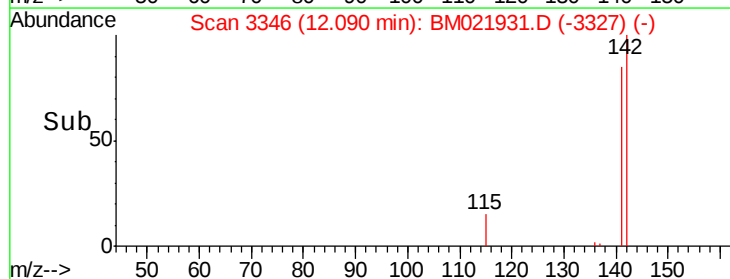
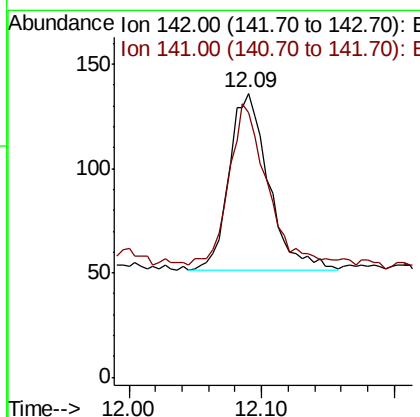
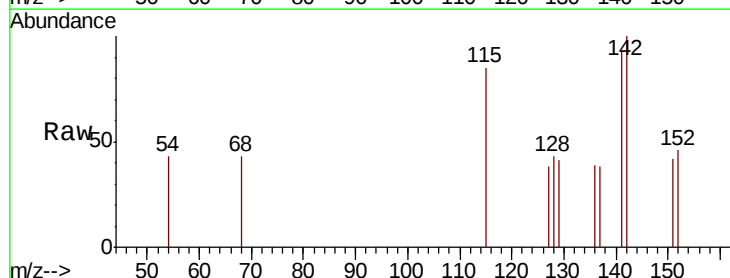
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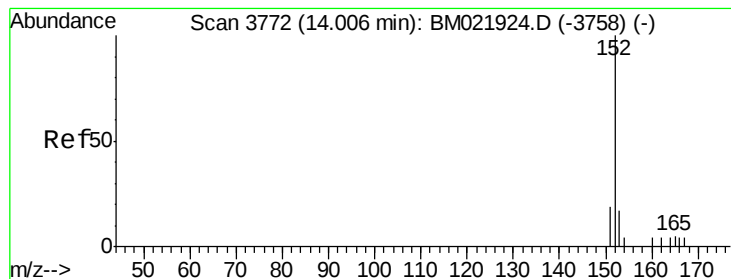
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#5
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BM021931.D
Acq: 08 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	74.3	111.5





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

Instrument :

BNA_M

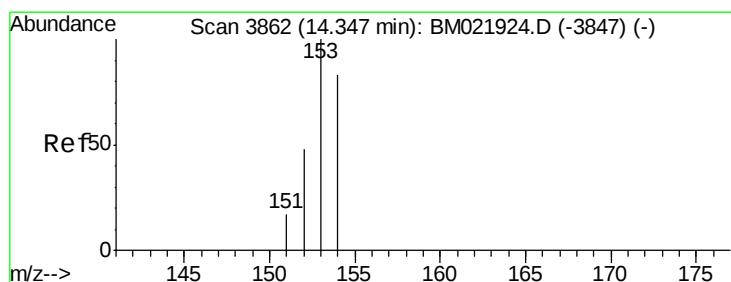
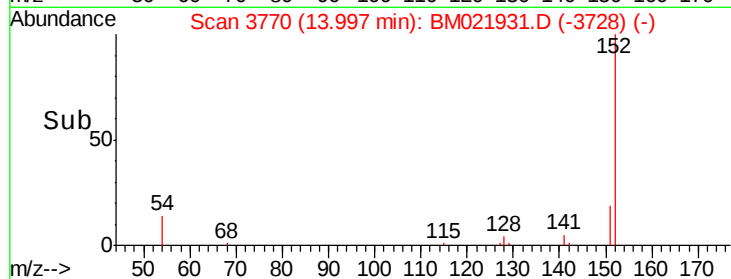
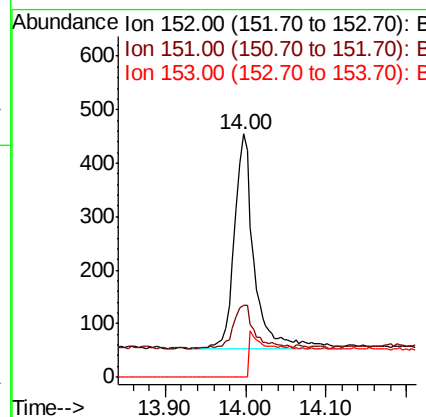
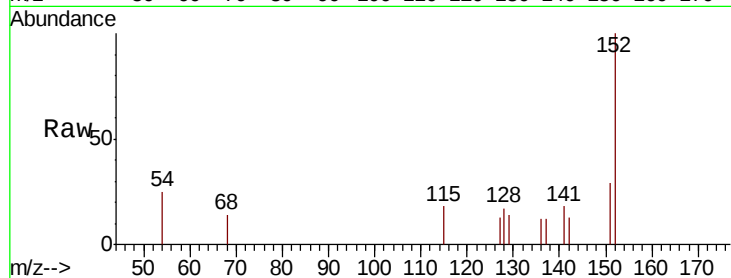
ClientSampleId :

BENQ9

Tot Ion:	152	Resp:	672
Ion Ratio	Lower	Upper	
152	100		
151	29.5	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.028 ng/ul

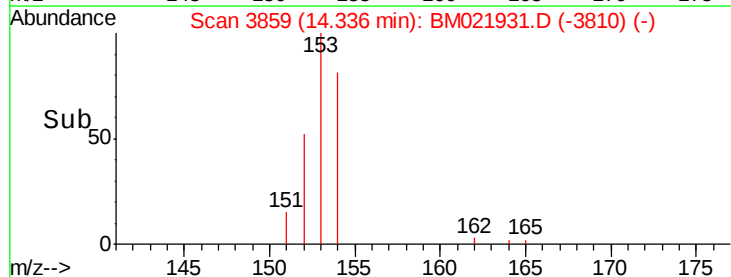
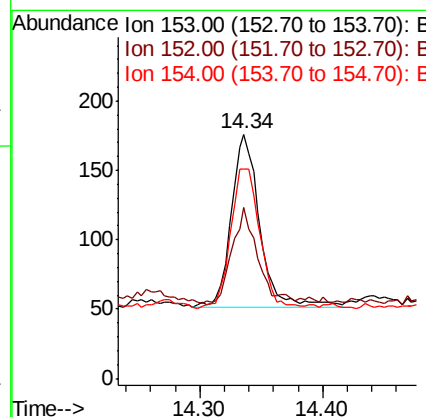
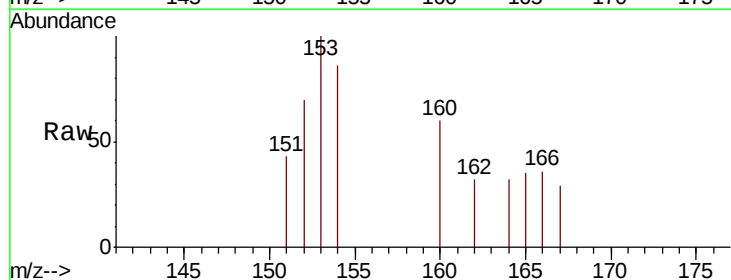
RT: 14.34 min Scan# 3859

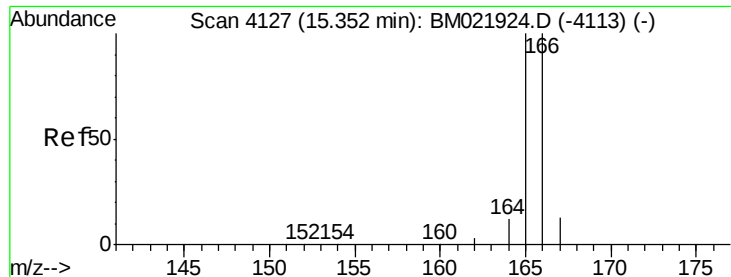
Delta R.T. -0.01 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

Tgt Ion:	153	Resp:	203
Ion Ratio	Lower	Upper	
153	100		
152	69.9	41.3	61.9#
154	85.8	72.3	108.5





#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

Instrument :

BNA_M

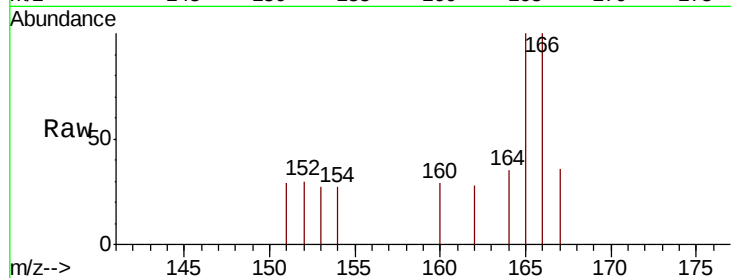
ClientSampleId :

BENQ9

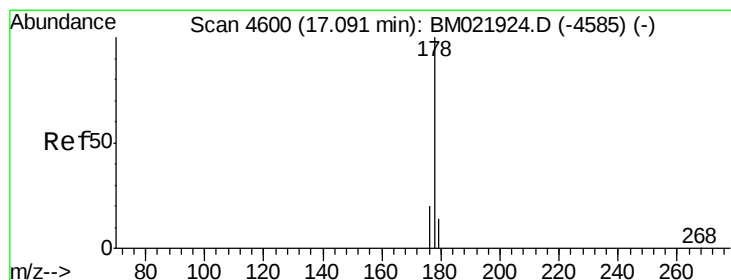
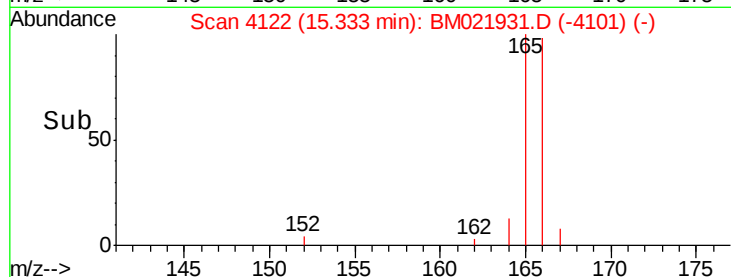
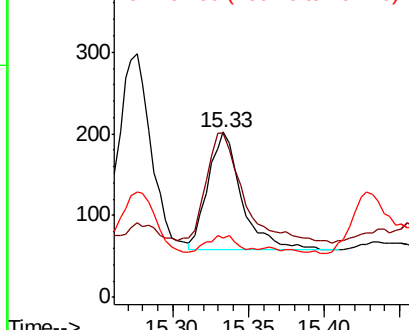
Tot Ion:	166	Resp:	223
Ion Ratio	Lower	Upper	
166	100		
165	99.5	81.4	122.0
167	36.1	13.7	20.5#

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.335 ng/ul

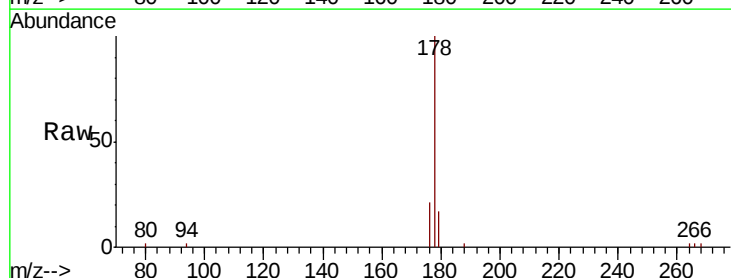
RT: 17.07 min Scan# 4594

Delta R.T. -0.02 min

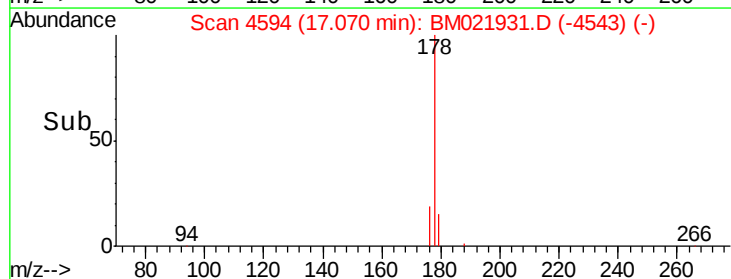
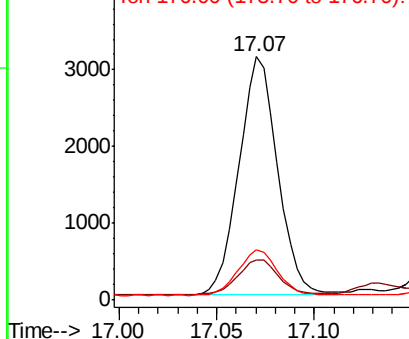
Lab File: BM021931.D

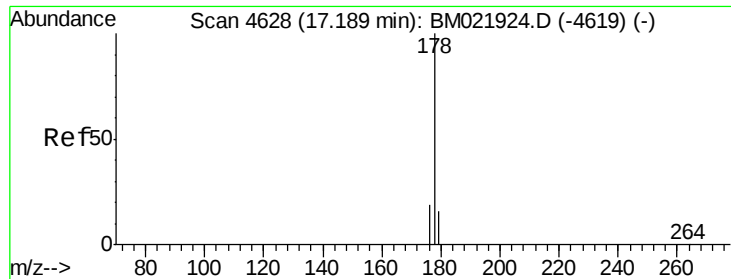
Acq: 08 Aug 2019 13:44

Tgt Ion:	178	Resp:	4268
Ion Ratio	Lower	Upper	
178	100		
179	16.6	14.2	21.2
176	20.6	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





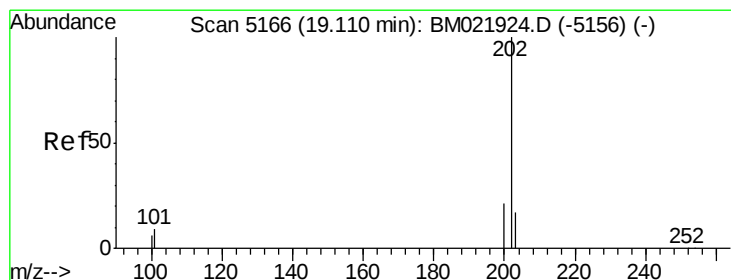
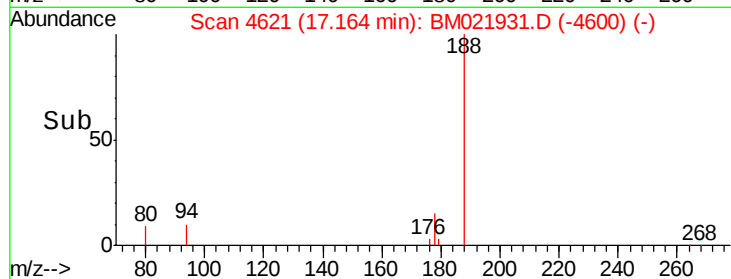
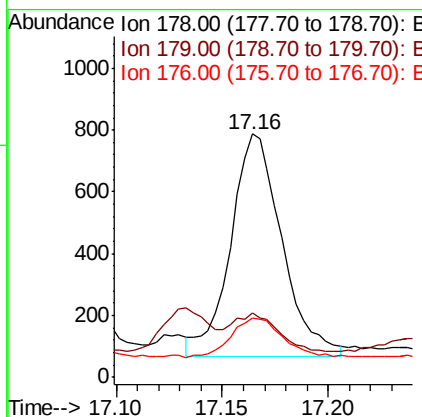
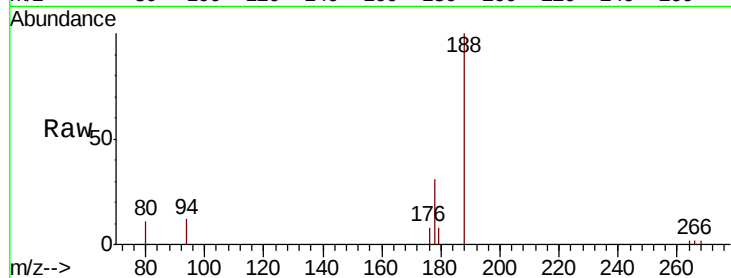
#13
 Anthracene
 Concen: 0.111 ng/ul m
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.03 min
 Lab File: BM021931.D
 Acq: 08 Aug 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Tot Ion	Ratio	Lower	Upper
178	100		
179	26.4	15.5	23.3#
176	24.5	16.6	25.0

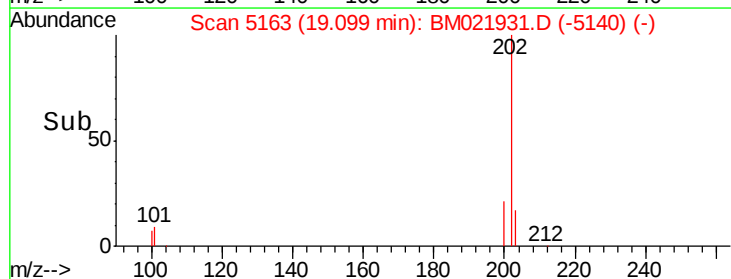
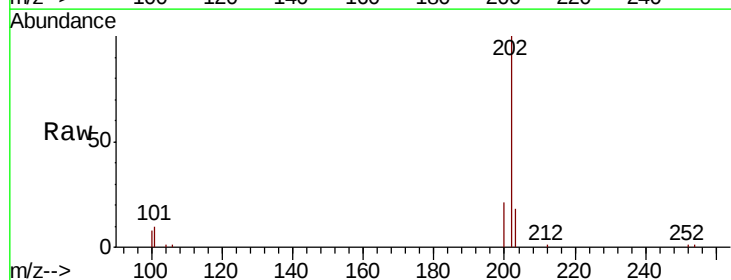
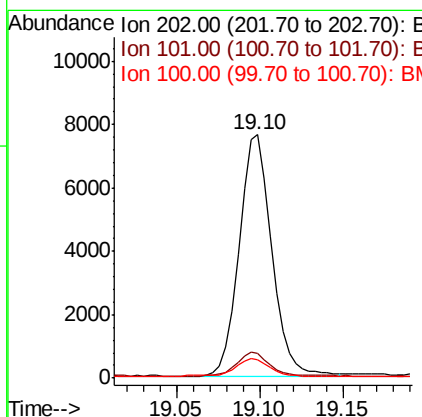
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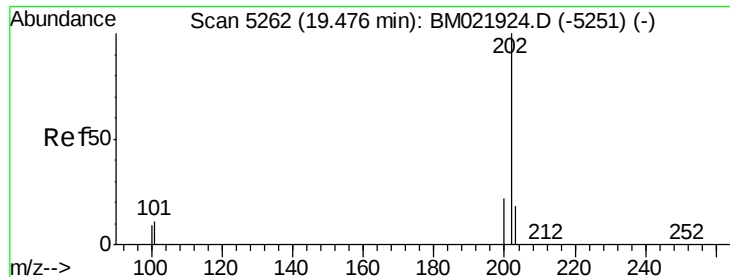
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#15
 Fluoranthene
 Concen: 0.606 ng/ul m
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM021931.D
 Acq: 08 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.2
100	7.7	0.0	28.1





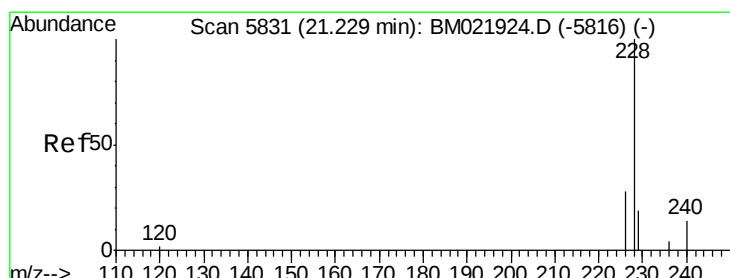
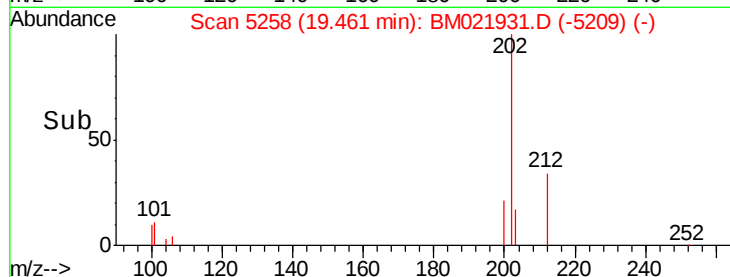
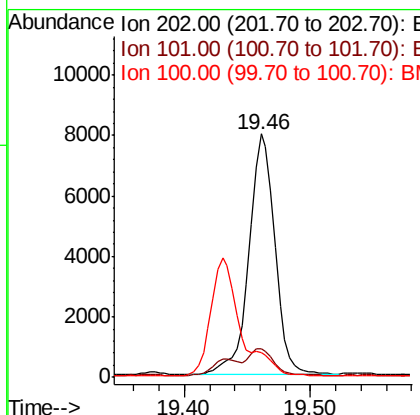
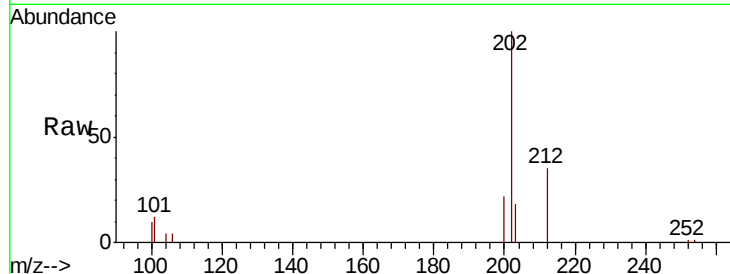
#17
Pvrene
Concen: 0.684 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM021931.D
Acq: 08 Aug 2019 13:44

Instrument :
BNA_M
ClientSampled :
BENQ9

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.3	12.5
100	10.2	7.2	10.8

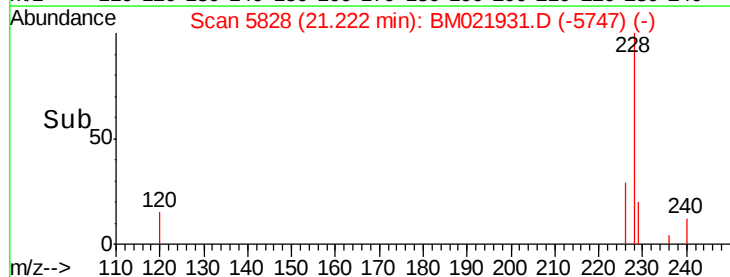
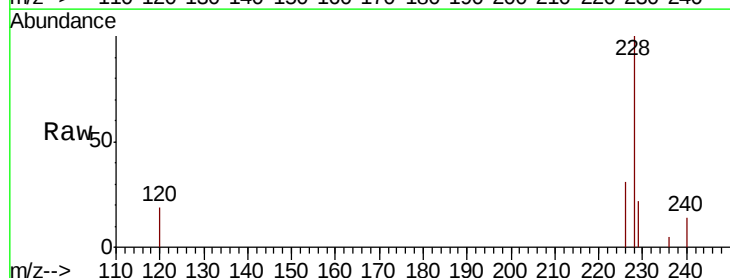
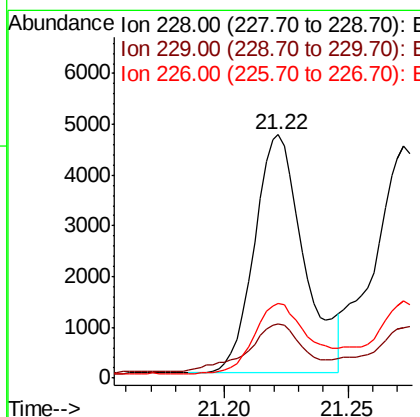
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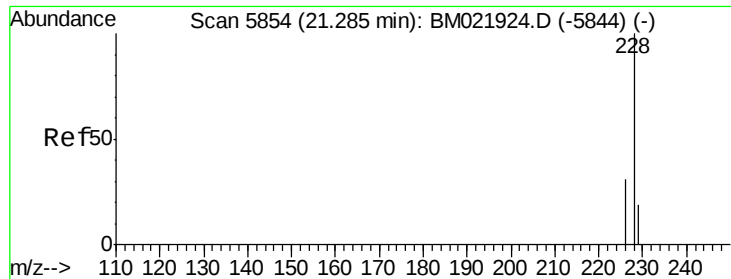
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#18
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021931.D
Acq: 08 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	17.2	25.8
226	30.7	22.6	34.0





#19

Chrysene

Concen: 0.355 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.01 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

Instrument :

BNA_M

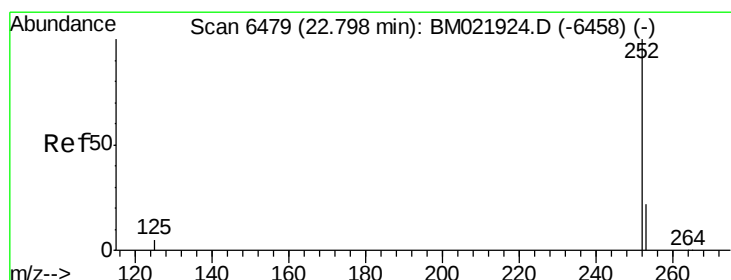
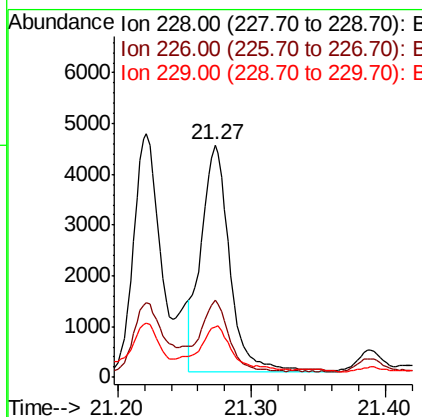
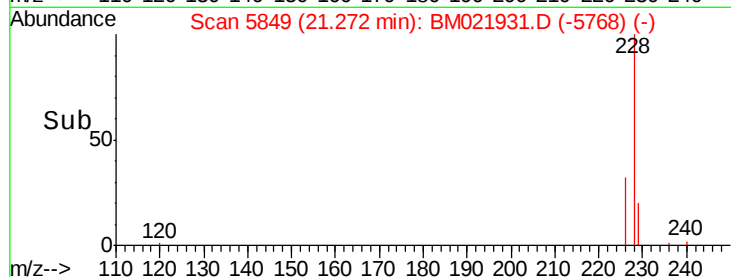
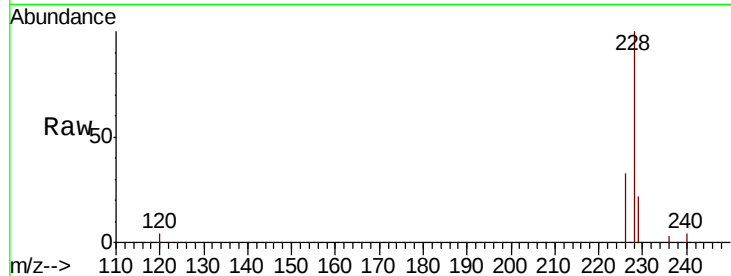
ClientSampleId :

BENQ9

Tot Ion:	228	Resp:	6669
Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	21.6	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.628 ng/ul m

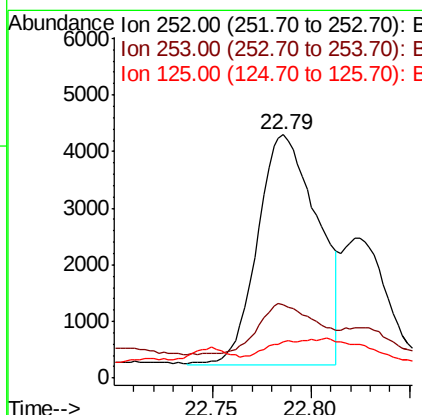
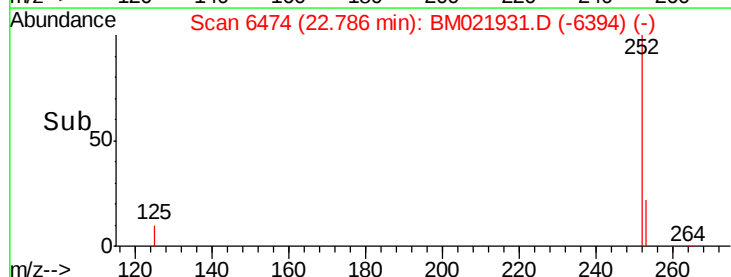
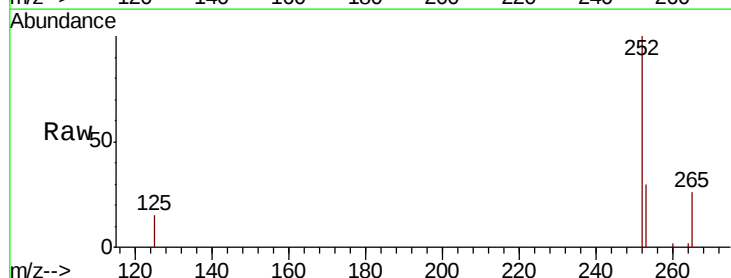
RT: 22.79 min Scan# 6474

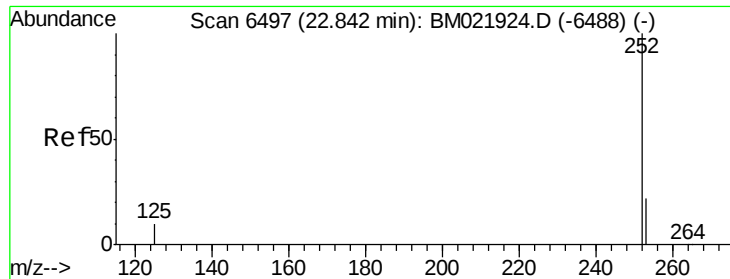
Delta R.T. -0.01 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

Tgt Ion:	252	Resp:	8591
Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	67.4
125	15.1	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.211 ng/ul m

RT: 22.82 min Scan# 6490

Delta R.T. -0.01 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

Instrument :

BNA_M

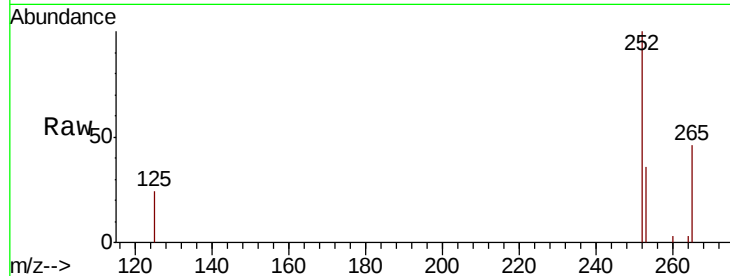
ClientSampleId :

BENQ9

Tot Ion:	252	Resp:	3267
Ion Ratio	Lower	Upper	
252	100		
253	36.0	27.0	40.4
125	23.6	12.2	18.2

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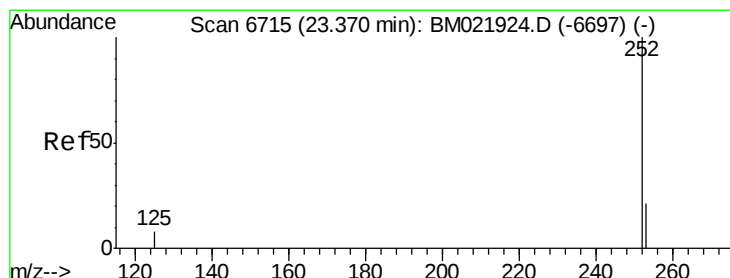
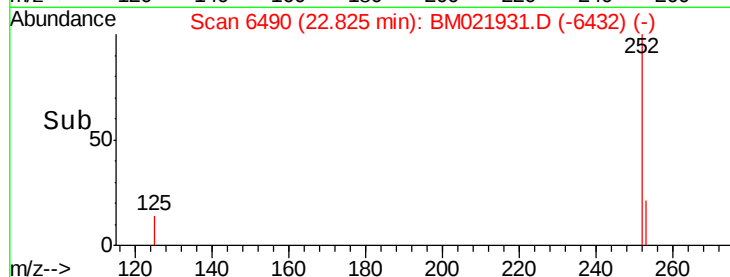
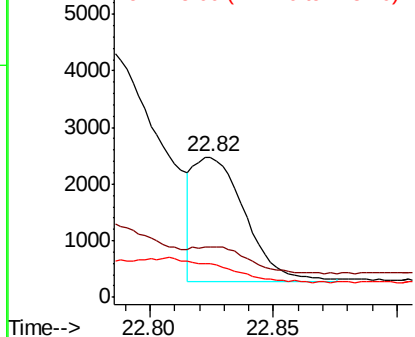


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.483 ng/ul m

RT: 23.35 min Scan# 6707

Delta R.T. -0.01 min

Lab File: BM021931.D

Acq: 08 Aug 2019 13:44

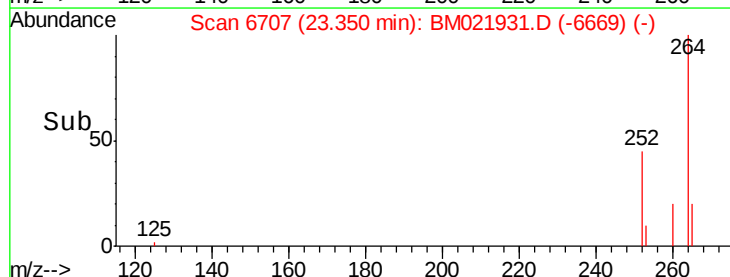
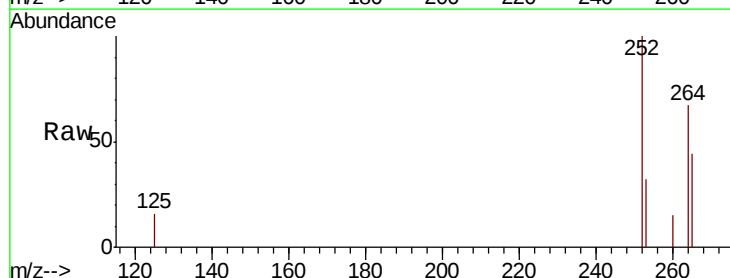
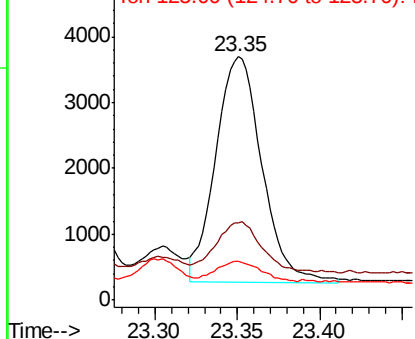
Tgt Ion:	252	Resp:	6721
Ion Ratio	Lower	Upper	
252	100		
253	31.8	31.7	47.5
125	15.9	14.6	21.8

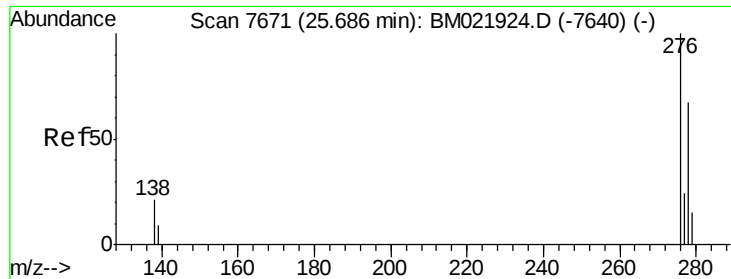
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

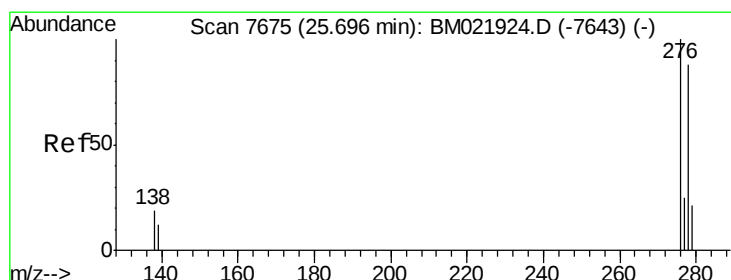
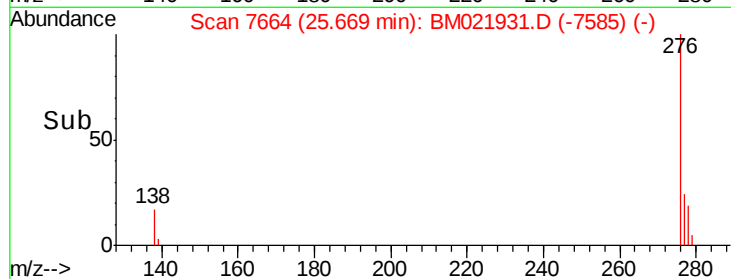
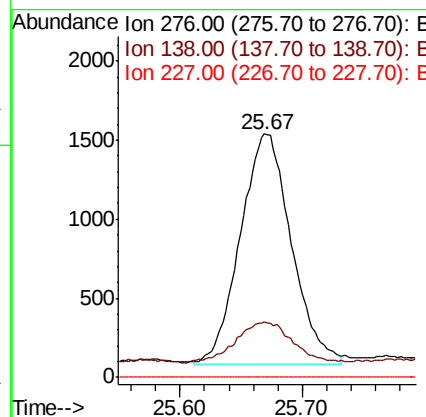
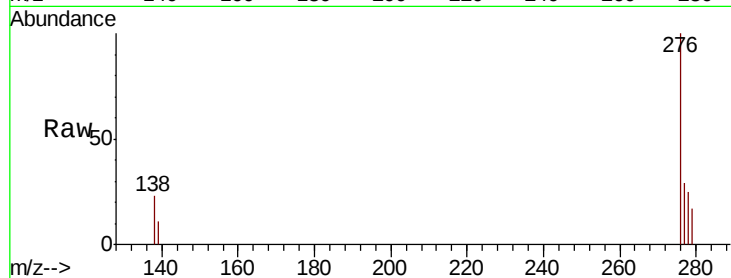
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng/ul m
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021931.D
Acq: 08 Aug 2019 13:44

Instrument :
BNA_M
ClientSampleId :
BENQ9

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.9	15.1	22.7#
227	0.0	0.0	0.0

Manual Integrations
APPROVED

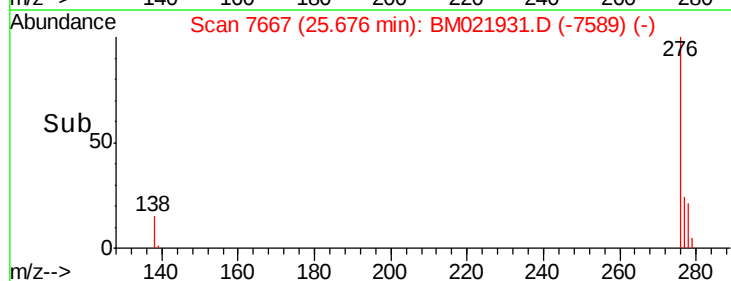
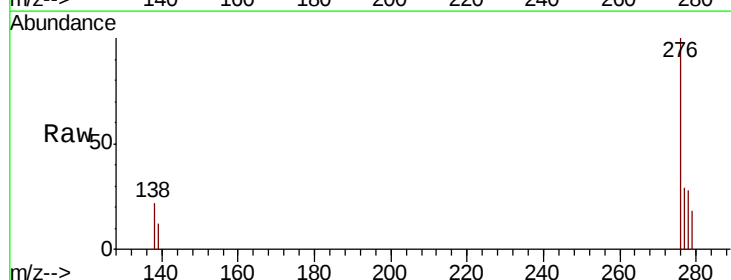
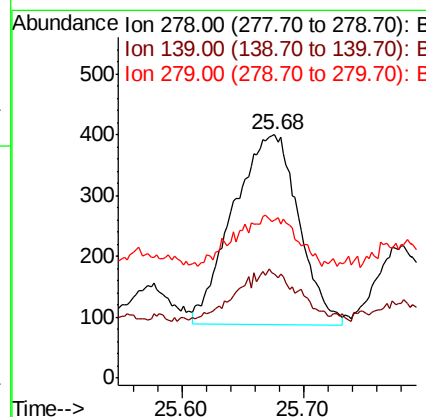
mohammad
8/9/2019 6:12:43 AM

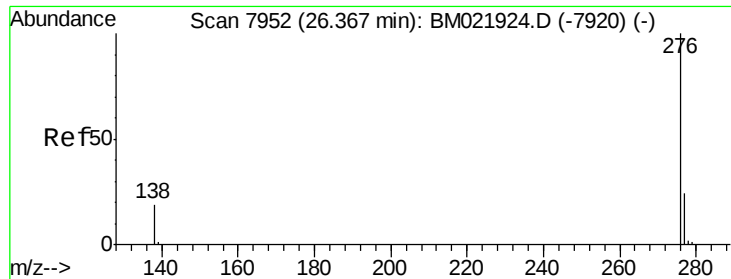


#25

Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul m
RT: 25.68 min Scan# 7667
Delta R.T. -0.01 min
Lab File: BM021931.D
Acq: 08 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.8	14.2	21.2#
279	65.0	28.3	42.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.277 ng/ul m
 RT: 26.35 min Scan# 7947
 Delta R.T. -0.00 min
 Lab File: BM021931.D
 Acq: 08 Aug 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	15.5	23.3#
277	29.1	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

