

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021955.D
 Acq On : 09 Aug 2019 05:40
 Operator : HP/JU
 Sample : K4028-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZO

Manual Integrations
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 8/13/2019 8:29:59 AM

Quant Time: Aug 09 12:16:51 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 : 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	994	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4168	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2374	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	5631m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5440m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	5757m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1076	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3666m	0.19	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	3660	0.311	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	2047	0.261	ng/ul	96
7) Acenaphthylene	13.99	152	10920	0.986	ng/ul#	82
8) Acenaphthene	14.33	153	6011	0.664	ng/ul	96
9) Fluorene	15.33	166	8134	0.808	ng/ul	98
11) Pentachlorophenol	16.69	266	175m	0.168	ng/ul	
12) Phenanthrene	17.07	178	147392m	8.996	ng/ul	
13) Anthracene	17.16	178	36666m	2.623	ng/ul	
15) Fluoranthene	19.09	202	314427m	14.326	ng/ul	
17) Pyrene	19.46	202	353912	15.832	ng/ul	98
18) Benzo(a)anthracene	21.21	228	212507m	10.921	ng/ul	
19) Chrysene	21.26	228	205230	8.201	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	229553m	11.824	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	82979m	3.777	ng/ul	
23) Benzo(a)pyrene	23.34	252	182280m	9.233	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	108305m	4.594	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	32913m	1.727	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	107205m	5.051	ng/ul	

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

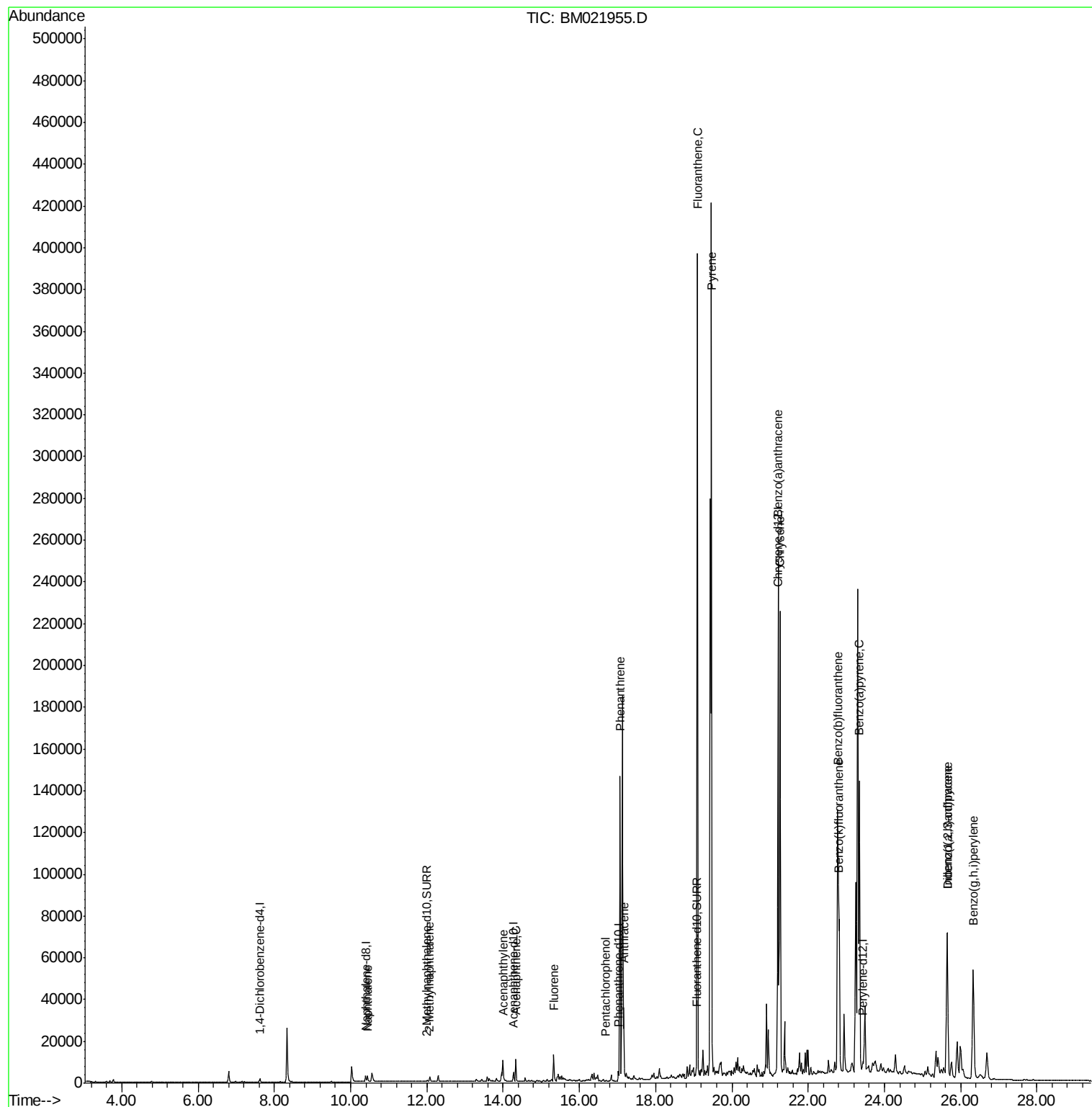
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021955.D
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ALS Vial : 17 Sample Multiplier: 1

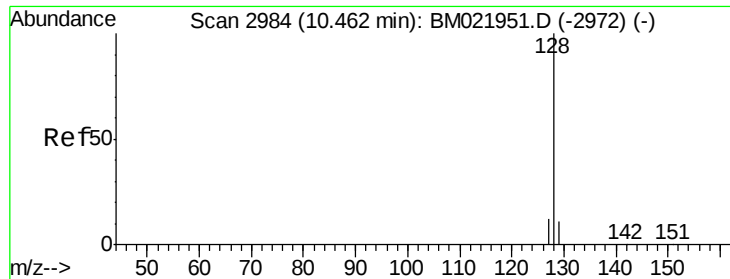
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.311 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

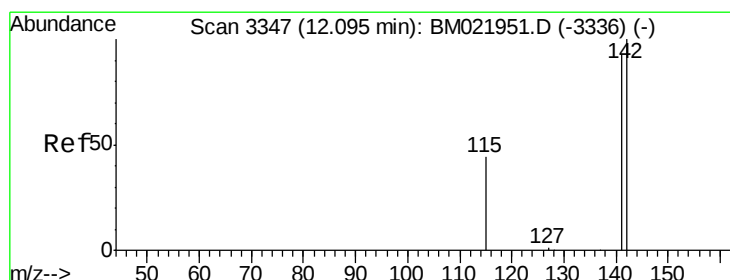
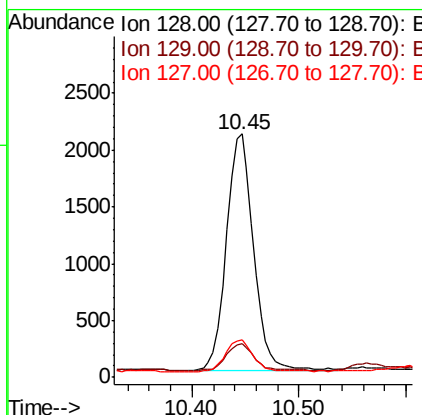
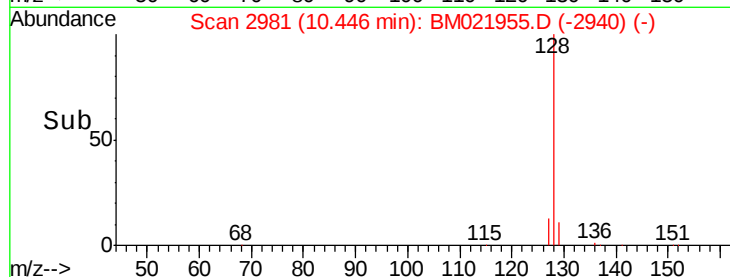
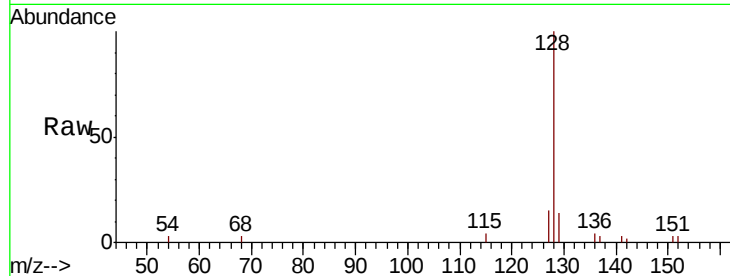
ClientSampled :

BENZO

Tot Ion:	128	Resp:	3660
Ion	Ratio	Lower	Upper
128	100		
129	13.6	12.3	18.5
127	15.3	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.261 ng/ul

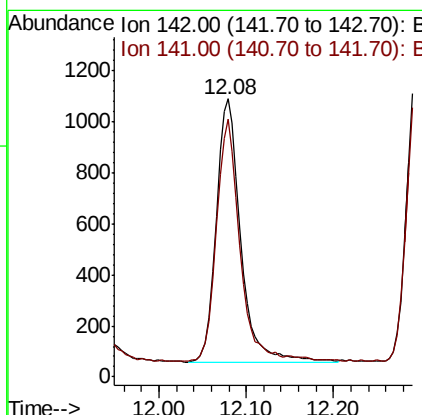
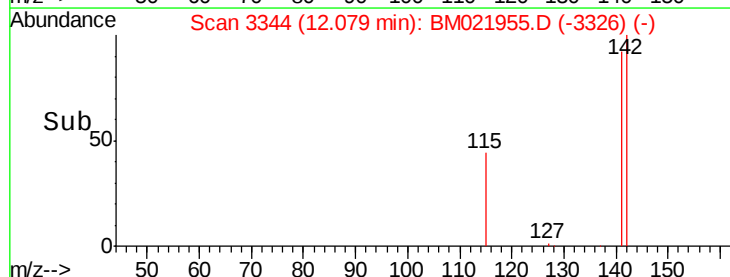
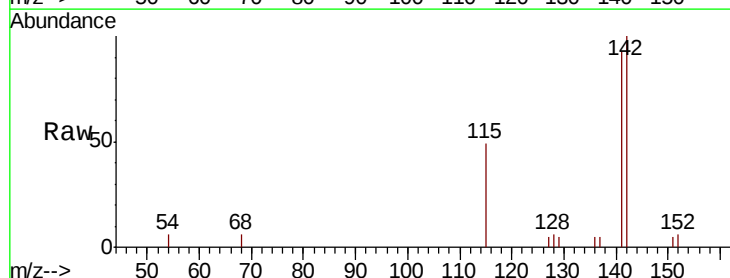
RT: 12.08 min Scan# 3344

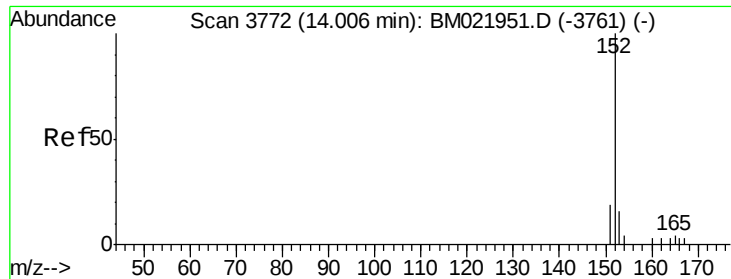
Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Tgt Ion:	142	Resp:	2047
Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.3	111.5





#7

Acenaphthylene

Concen: 0.986 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

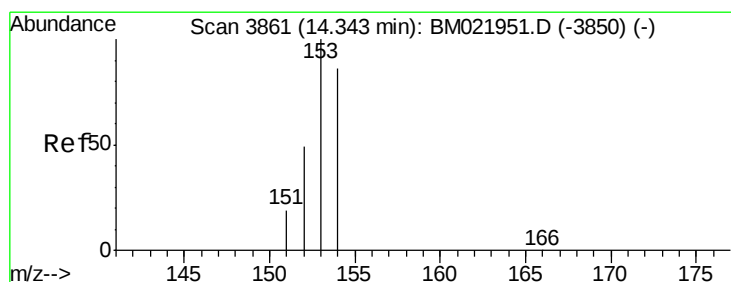
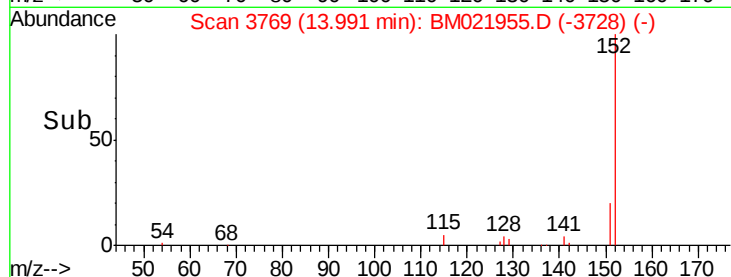
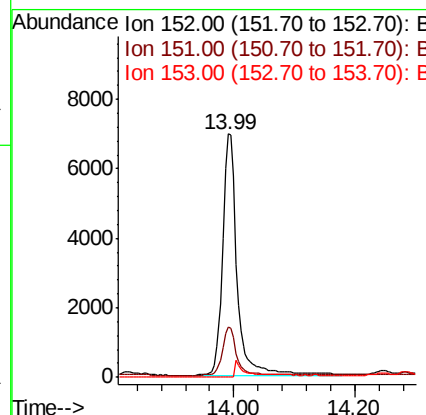
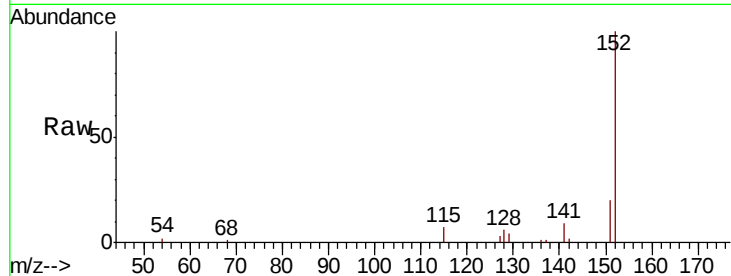
ClientSampleId :

BENZ0

Tot Ion:	152	Resp:	10920
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.664 ng/ul

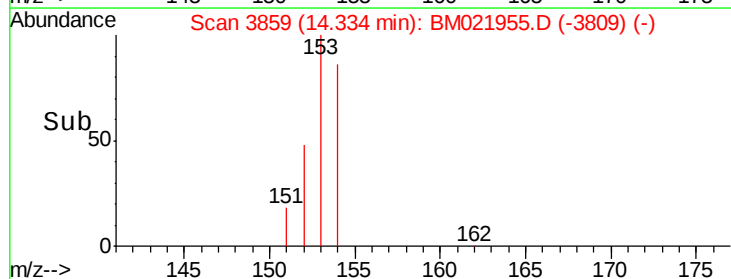
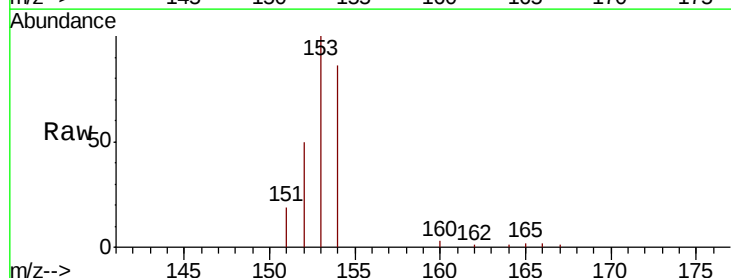
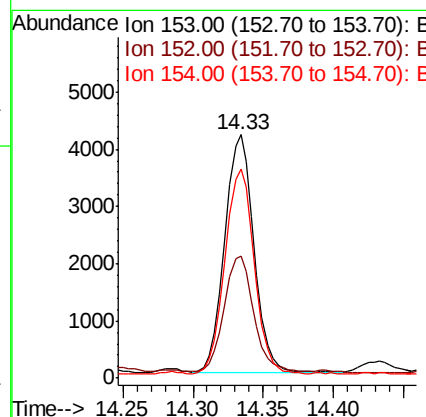
RT: 14.33 min Scan# 3859

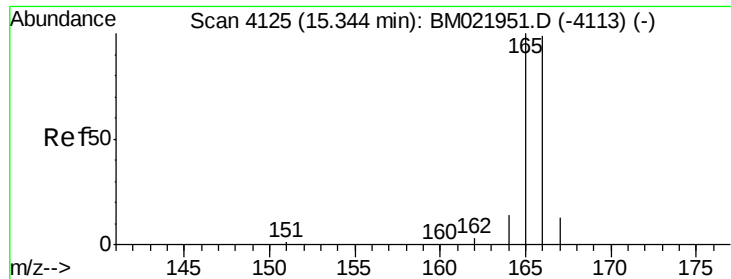
Delta R.T. -0.01 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Tgt Ion:	153	Resp:	6011
Ion Ratio	Lower	Upper	
153	100		
152	50.0	41.3	61.9
154	86.0	72.3	108.5





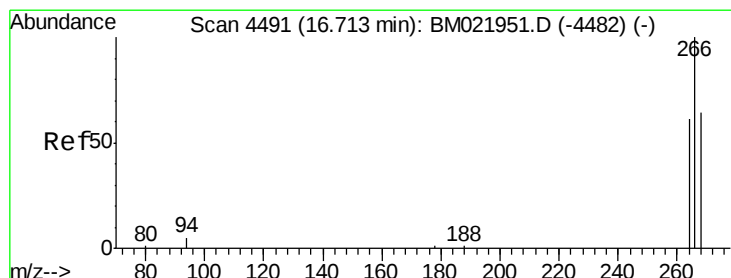
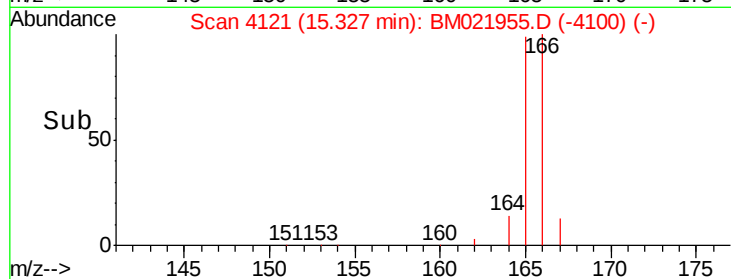
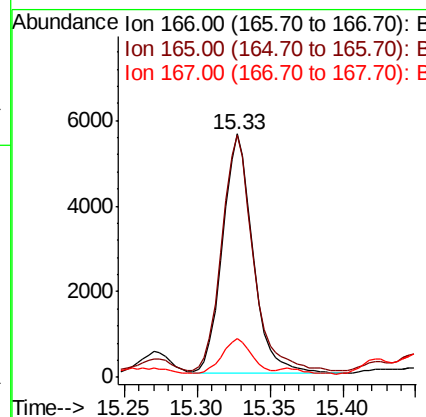
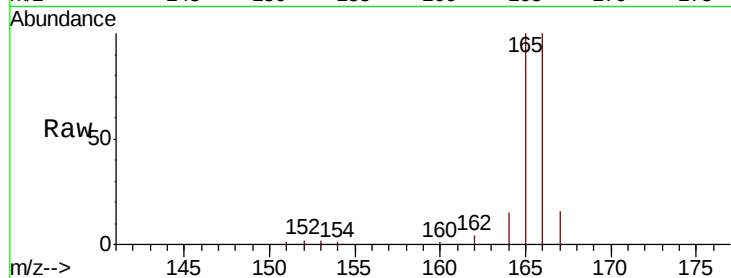
#9
Fluorene
 Concen: 0.808 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM021955.D
 Acq: 09 Aug 2019 05:40

Instrument :
 BNA_M
 ClientSampleId :
 BENZO

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.4	122.0
167	15.8	13.7	20.5

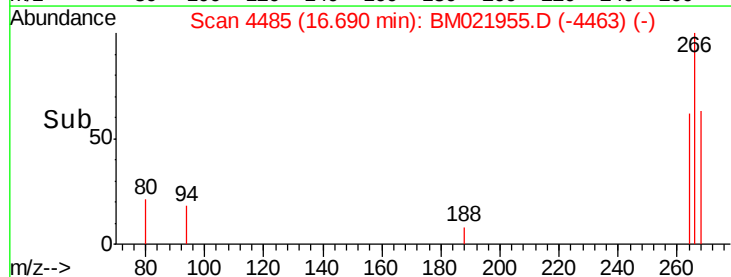
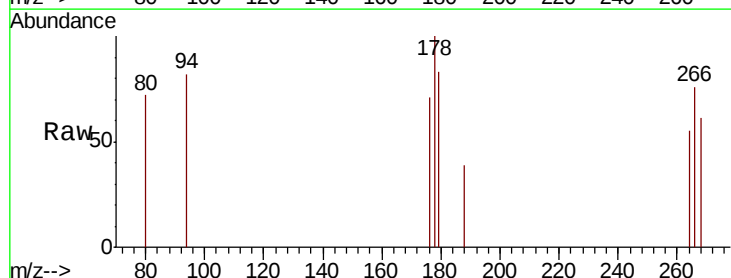
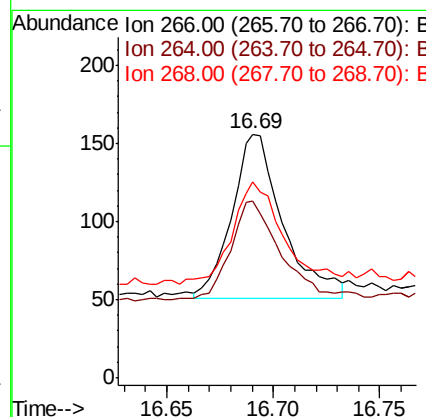
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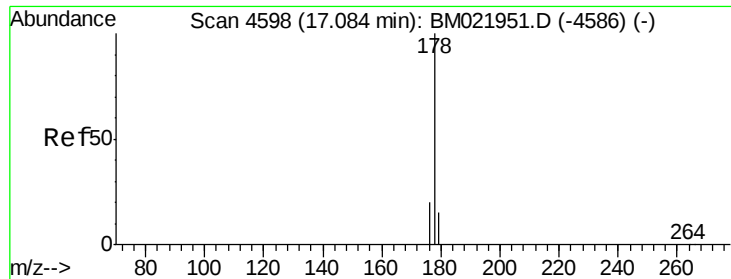
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#11
Pentachlorophenol
 Concen: 0.168 ng/ul m
 RT: 16.69 min Scan# 4485
 Delta R.T. -0.02 min
 Lab File: BM021955.D
 Acq: 09 Aug 2019 05:40

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	54.2	81.2#
268	5.1	57.6	86.4#





#12

Phenanthrene

Concen: 8.996 ng/ul m

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

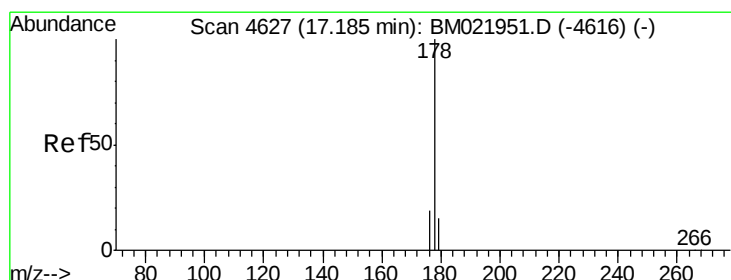
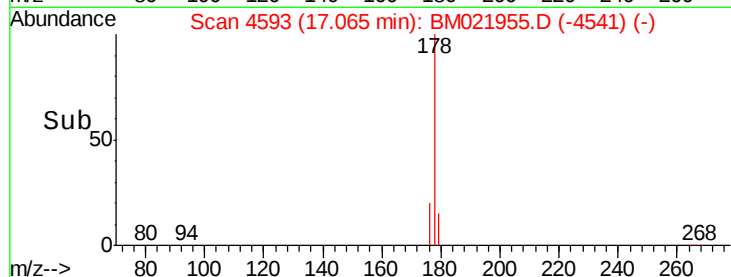
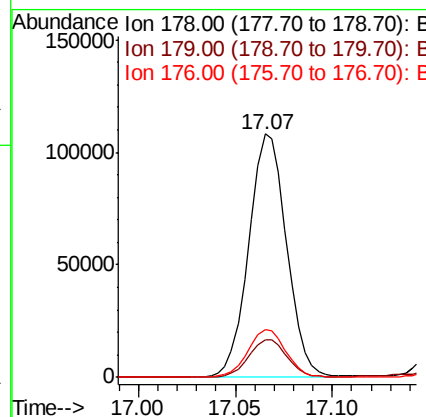
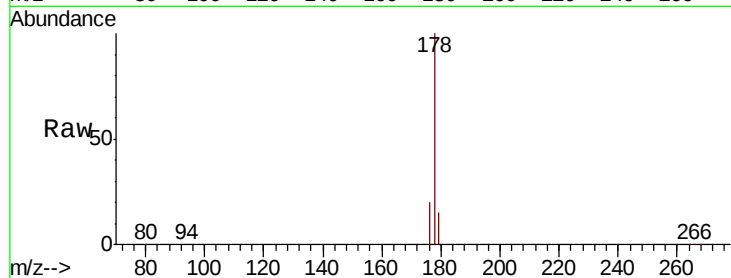
ClientSampled :

BENZ0

Tot Ion:	178	Resp:	147392
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.2	21.2
176	19.8	16.8	25.2

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#13

Anthracene

Concen: 2.623 ng/ul m

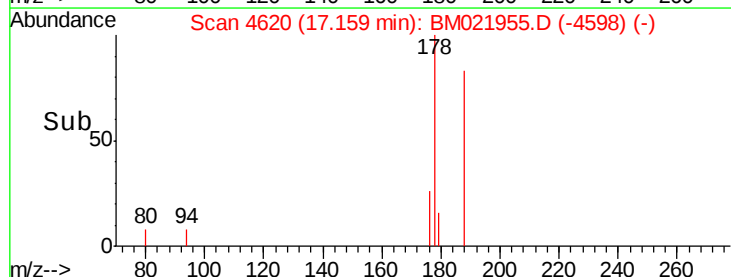
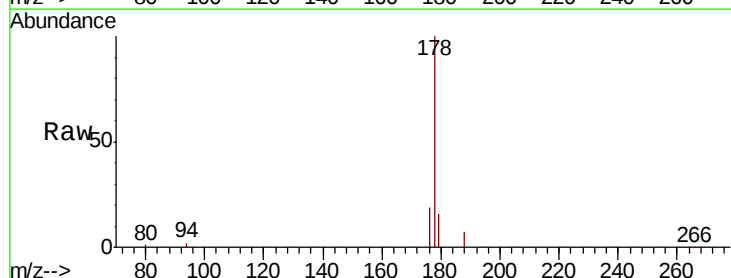
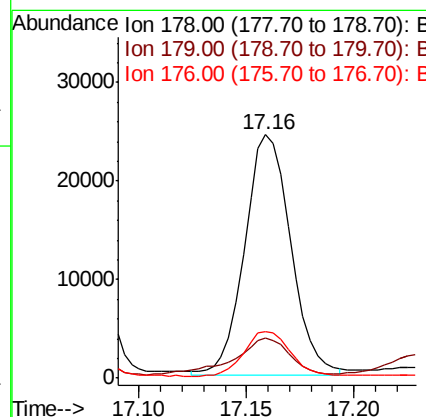
RT: 17.16 min Scan# 4620

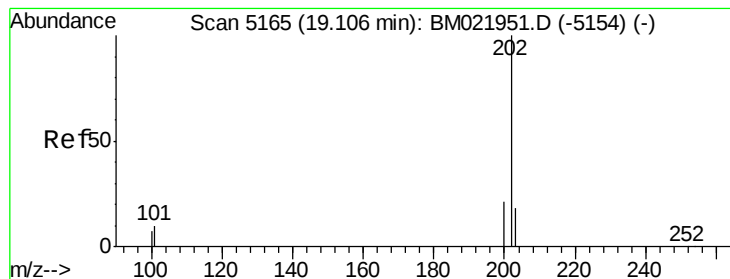
Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Tgt Ion:	178	Resp:	36666
Ion Ratio	Lower	Upper	
178	100		
179	16.4	15.5	23.3
176	19.3	16.6	25.0





#15

Fluoranthene

Concen: 14.326 ng/ul m

RT: 19.09 min Scan# 5162

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

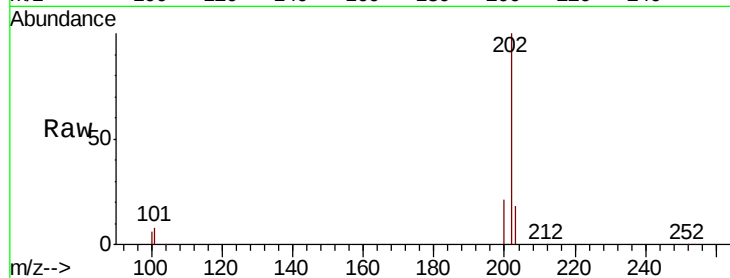
ClientSampleId :

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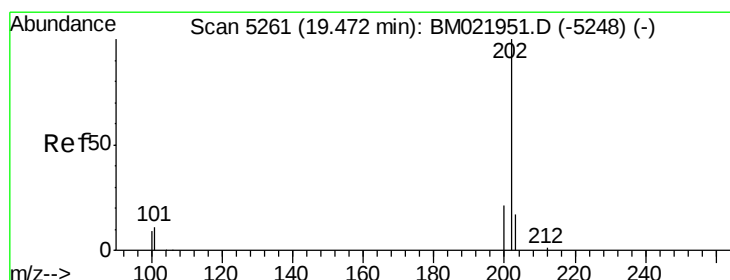
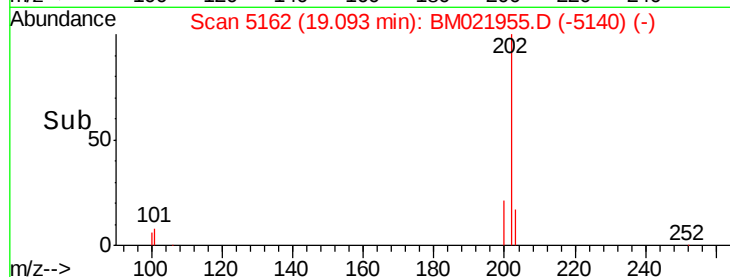
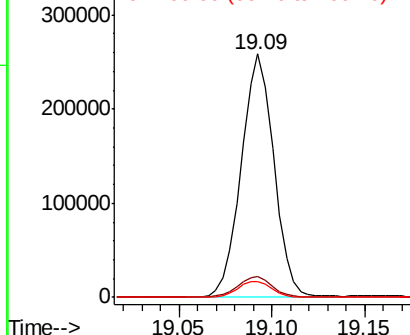
Tot Ion:	202	Resp:	314427
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	30.2
100	6.4	0.0	28.1

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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: 15.832 ng/ul

RT: 19.46 min Scan# 5258

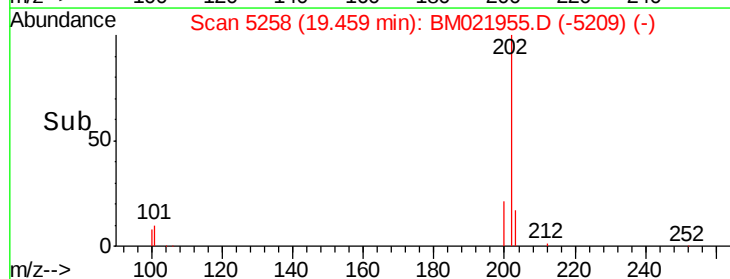
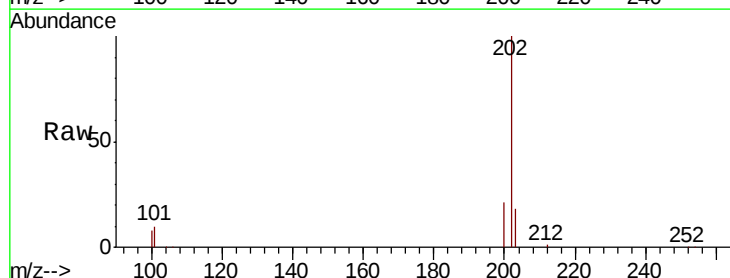
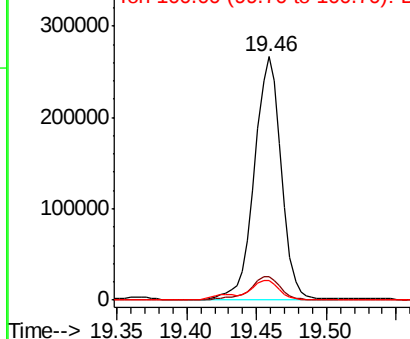
Delta R.T. -0.02 min

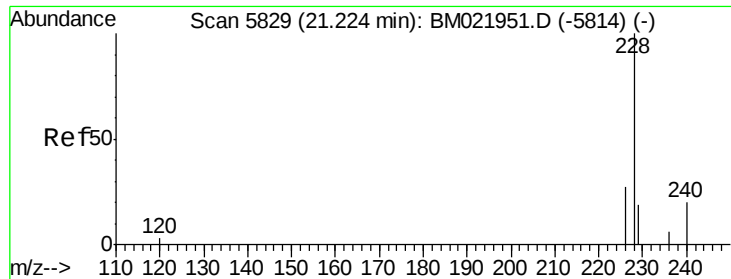
Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Tgt Ion:	202	Resp:	353912
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.3	12.5
100	8.1	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





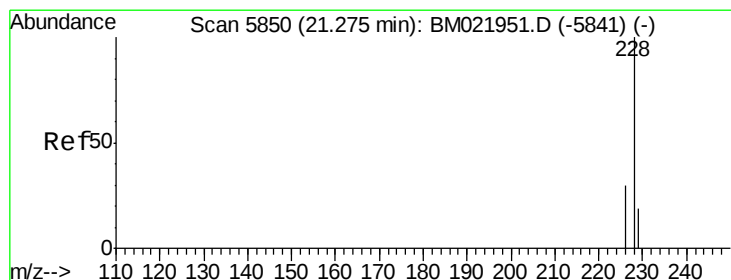
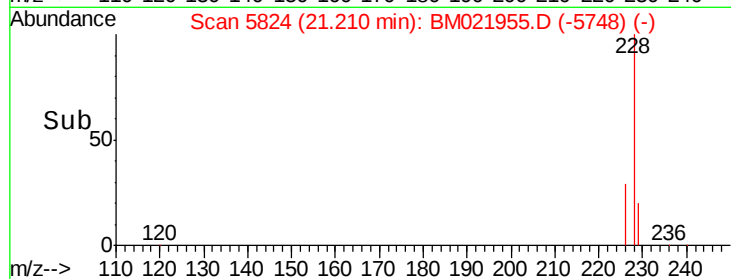
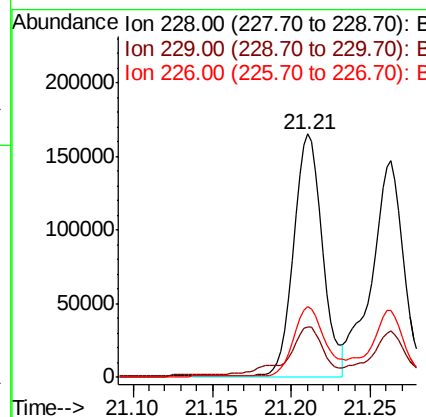
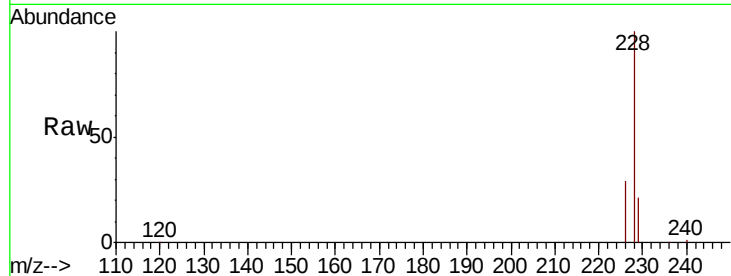
#18
Benzo(a)anthracene
Concen: 10.921 ng/ul m
RT: 21.21 min Scan# 5824
Delta R.T. -0.02 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Instrument :
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BENZO

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.2	25.8
226	29.0	22.6	34.0

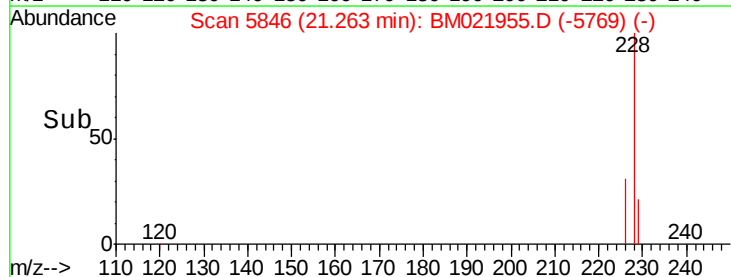
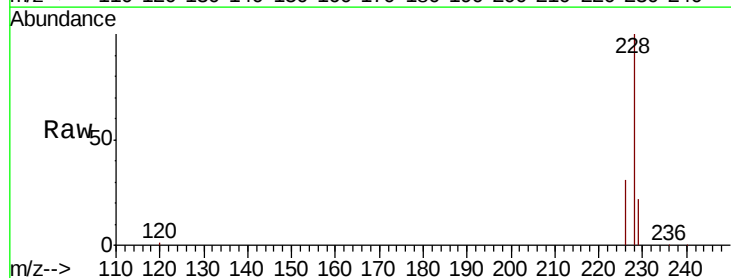
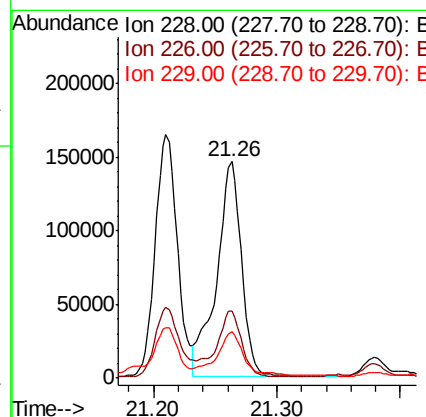
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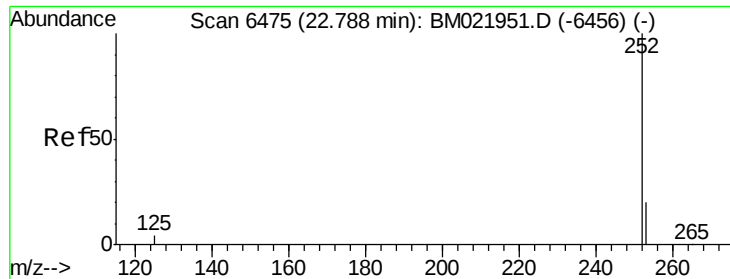
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#19
Chrysene
Concen: 8.201 ng/ul
RT: 21.26 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.6	16.6	25.0





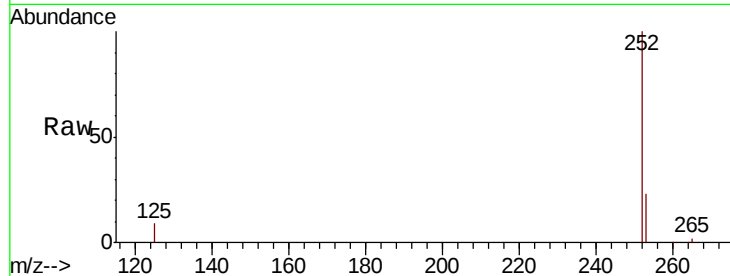
#21
Benzo(b)fluoranthene
Concen: 11.824 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Instrument :
BNA_M
ClientSampleId :
BENZ0

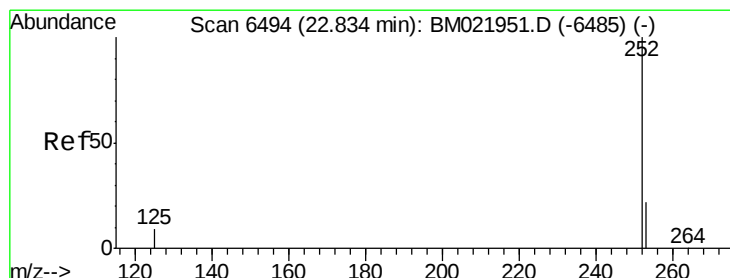
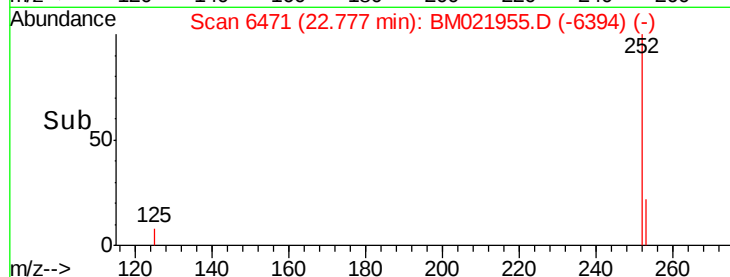
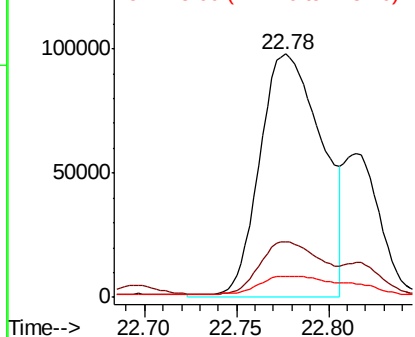
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	0.0	67.4
125	8.8	0.0	31.0

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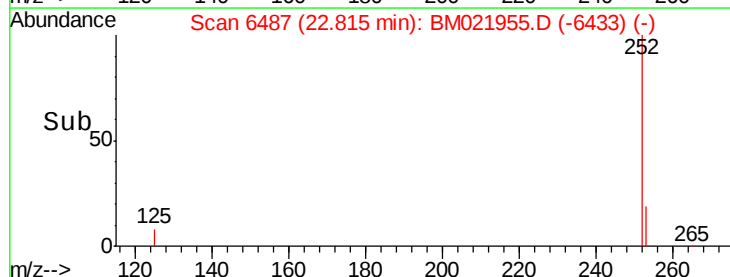
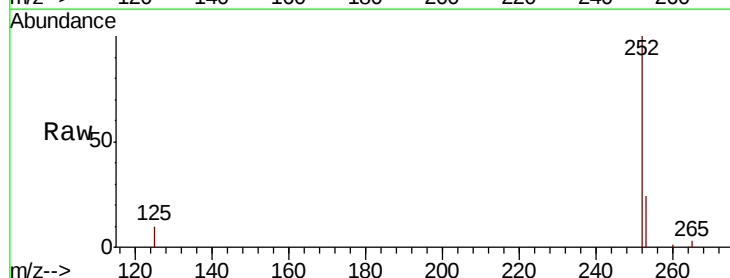
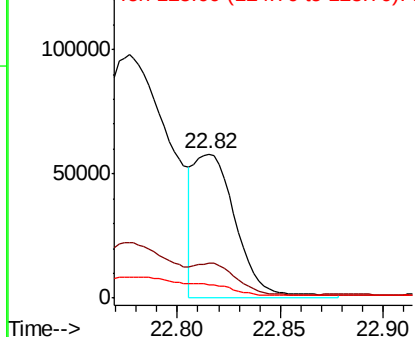
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

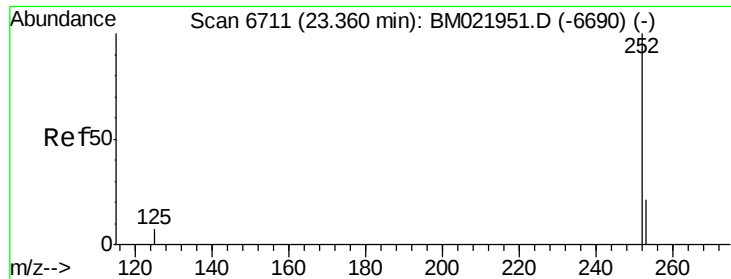


#22
Benzo(k)fluoranthene
Concen: 3.777 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.02 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	27.0	40.4#
125	9.6	12.2	18.2#

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





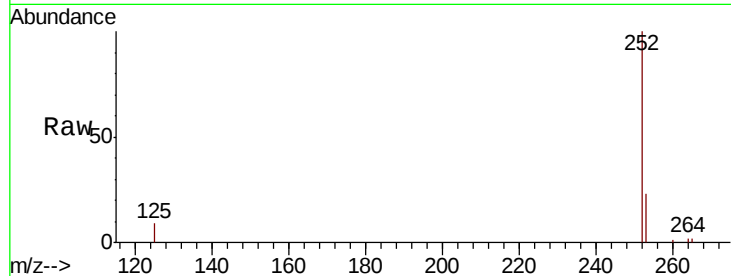
#23
Benzo(a)pyrene
Concen: 9.233 ng/ul m
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Instrument :
BNA_M
ClientSampleId :
BENZ0

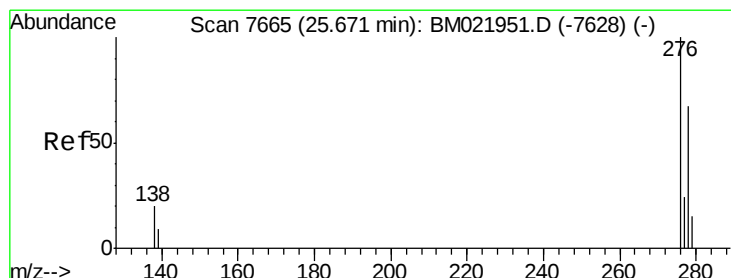
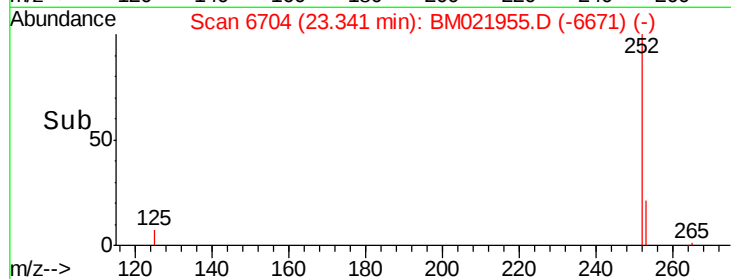
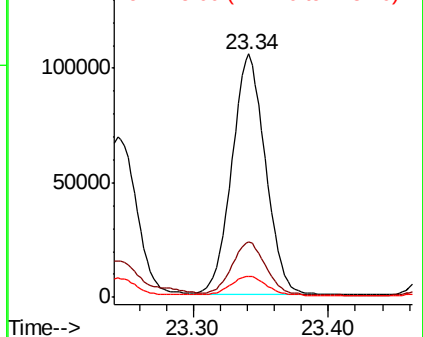
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	31.7	47.5#
125	8.8	14.6	21.8#

Manual Integrations
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Sohil
8/13/2019 8:29:59 AM



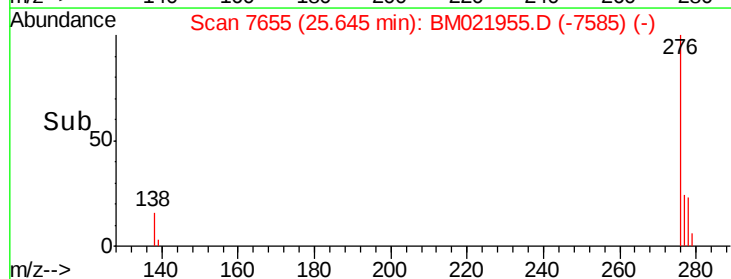
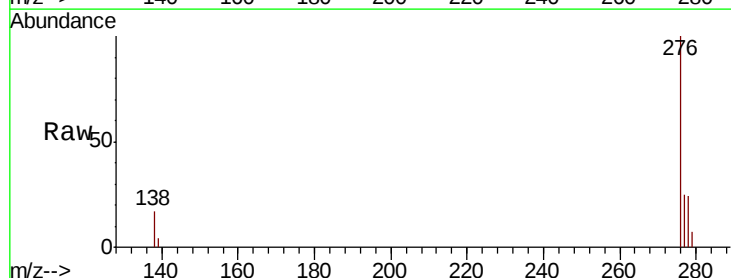
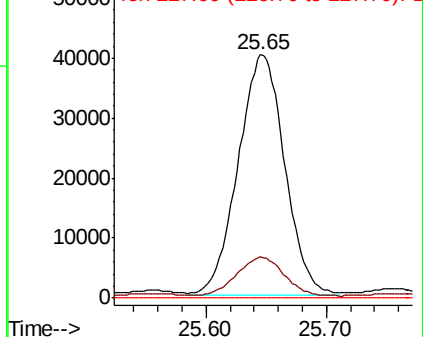
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

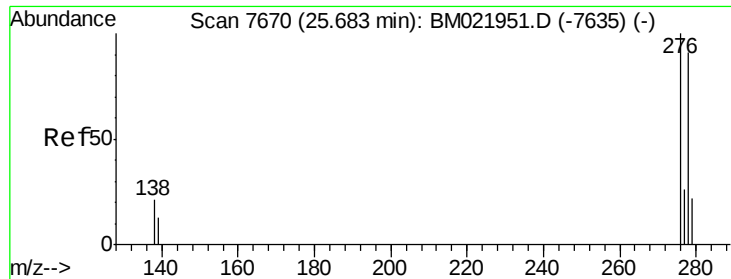


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.594 ng/ul m
RT: 25.65 min Scan# 7655
Delta R.T. -0.03 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.6	15.1	22.7#
227	0.0	0.0	0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





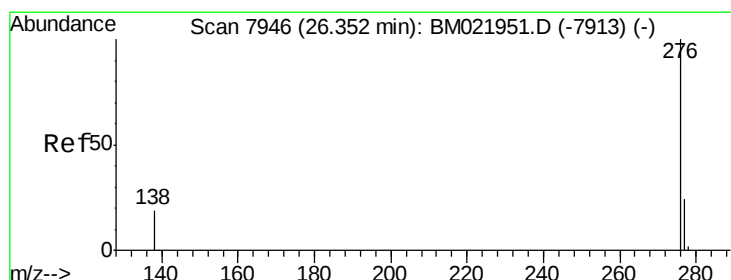
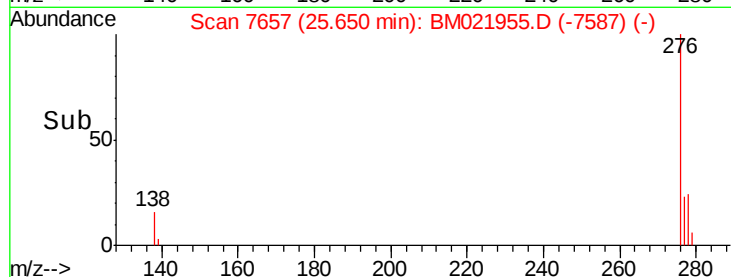
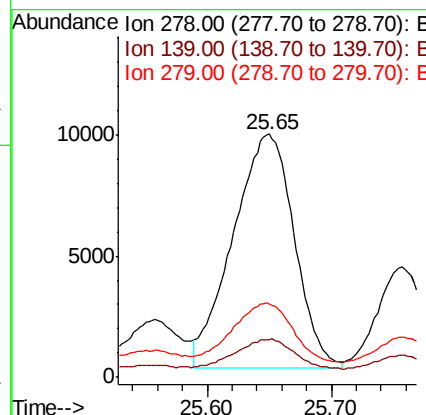
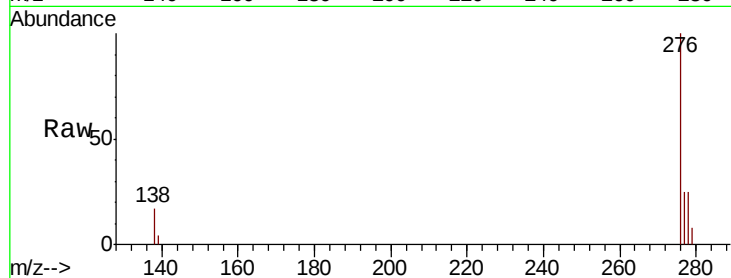
#25
Dibenzo(a,h)anthracene
Concen: 1.727 ng/ul m
RT: 25.65 min Scan# 7657
Delta R.T. -0.03 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Instrument :
BNA_M
ClientSampleId :
BENZ0

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.2	21.2
279	30.4	28.3	42.5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:59 AM



#26
Benzo(g,h,i)perylene
Concen: 5.051 ng/ul m
RT: 26.33 min Scan# 7937
Delta R.T. -0.03 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.5	23.3
277	24.5	21.4	32.2

