

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
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Quant Time: Aug 11 03:03:29 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	800	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	3276	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1734	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4130m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4139m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4201m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	910	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3246m	0.23	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.44	128	1626	0.176	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	975	0.158	ng/ul	99
7) Acenaphthylene	13.99	152	6634	0.820	ng/ul#	82
8) Acenaphthene	14.33	153	4133	0.625	ng/ul	96
9) Fluorene	15.32	166	6121	0.833	ng/ul	98
12) Phenanthrene	17.06	178	125815m	10.470	ng/ul	
13) Anthracene	17.15	178	34110m	3.328	ng/ul	
15) Fluoranthene	19.09	202	269511m	16.742	ng/ul	
17) Pyrene	19.45	202	301636	17.735	ng/ul	97
18) Benzo(a)anthracene	21.20	228	196796m	13.293	ng/ul	
19) Chrysene	21.26	228	193380	10.156	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	196212m	13.851	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	75952m	4.738	ng/ul	
23) Benzo(a)pyrene	23.33	252	167709	11.641	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.64	276	95223	5.536	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	29329	2.109	ng/ul	92
26) Benzo(g,h,i)perylene	26.32	276	98305	6.348	ng/ul	95

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

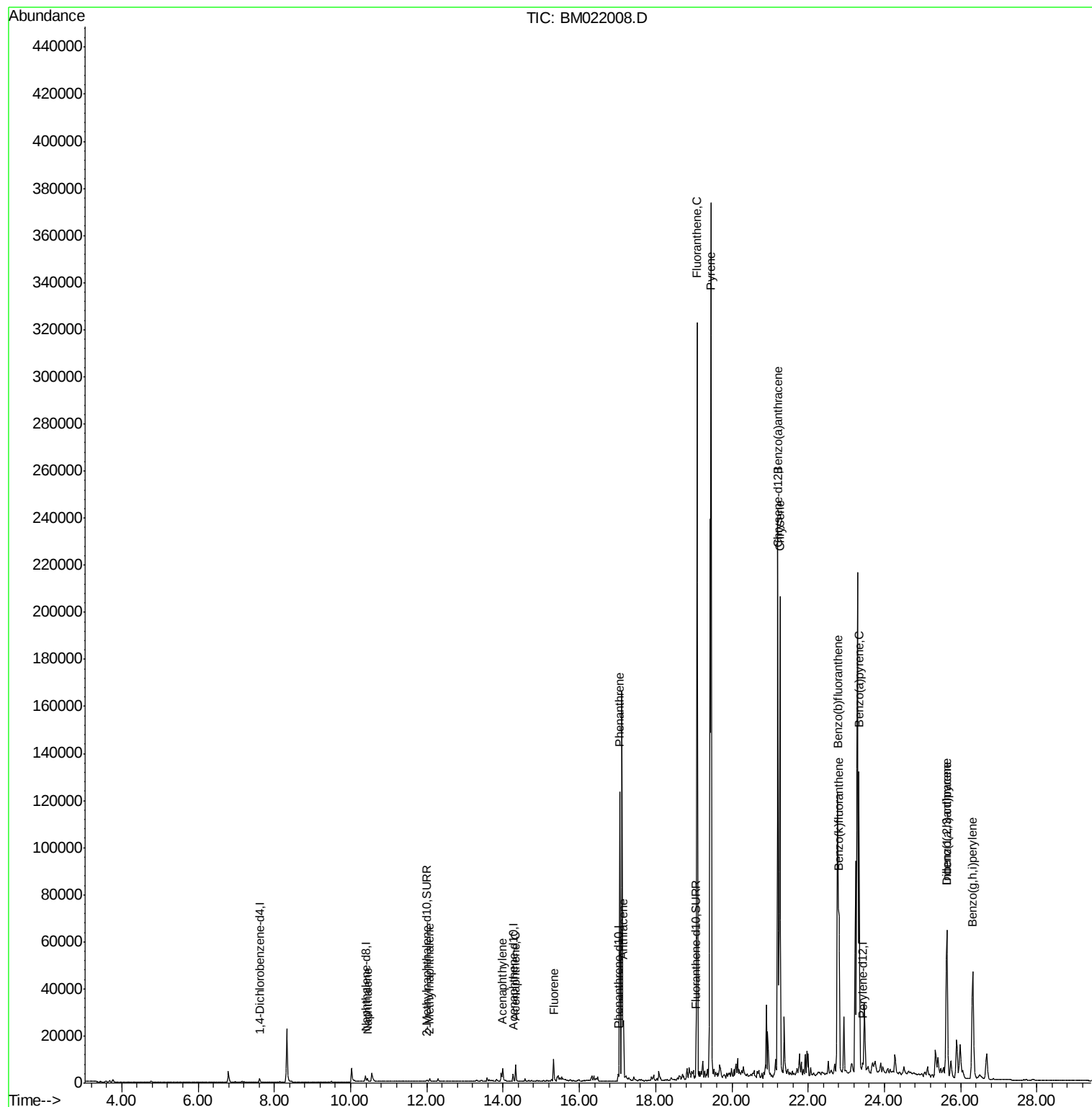
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 45 Sample Multiplier: 1

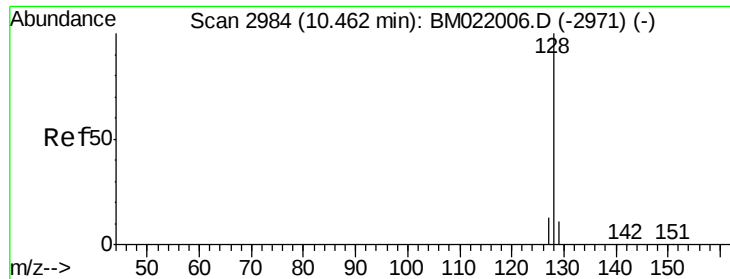
Instrument :
BNA_M
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BEP69

Quant Time: Aug 11 03:03:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.176 ng/ul

RT: 10.44 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Instrument :

BNA_M

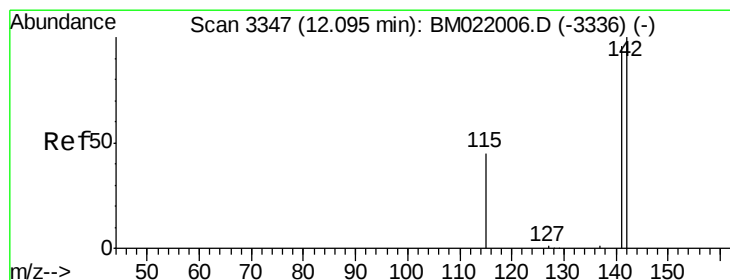
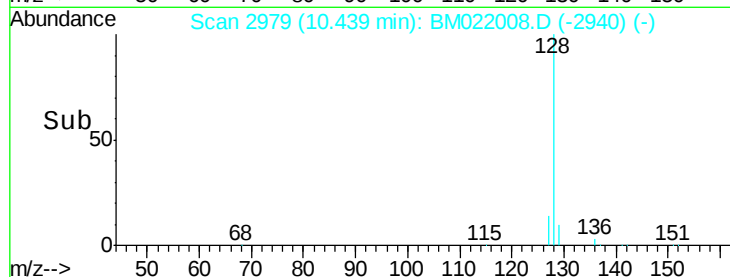
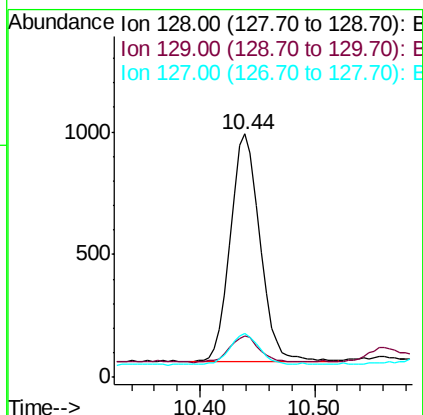
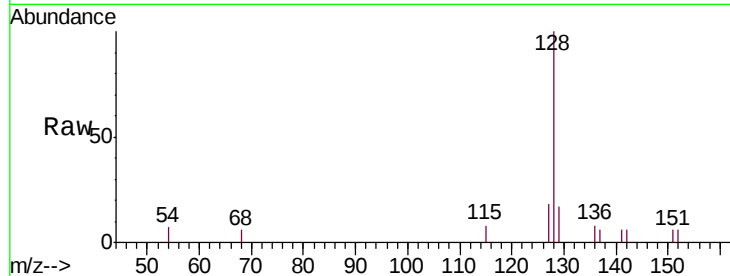
ClientSampleId :

BEP69

Tgt Ion:	128	Resp:	1626
Ion Ratio		Lower	Upper
128	100		
129	16.7	12.3	18.5
127	18.2	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.158 ng/ul

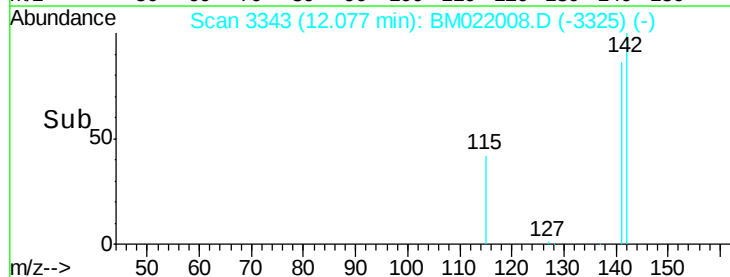
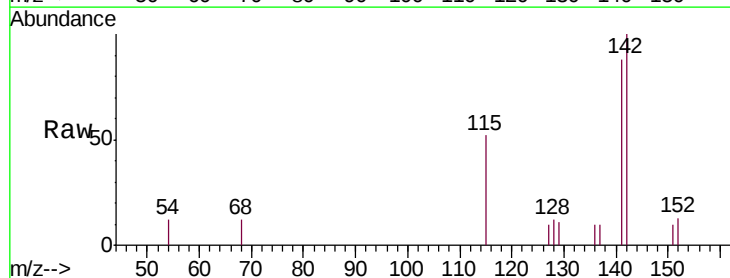
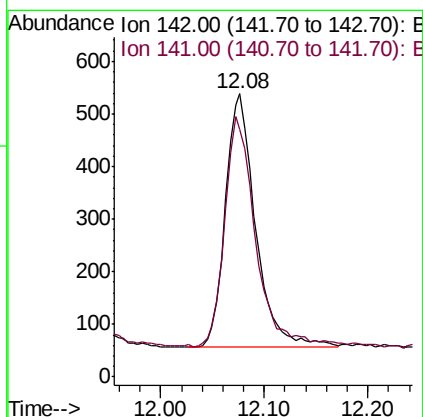
RT: 12.08 min Scan# 3343

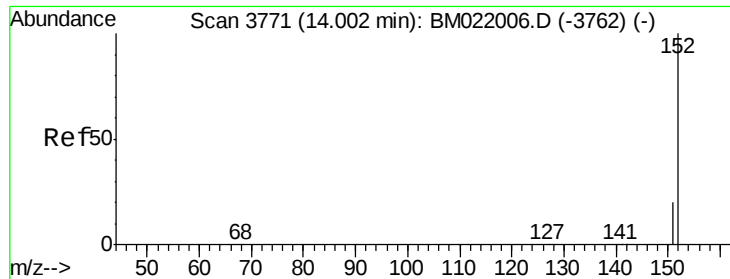
Delta R.T. -0.02 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Tgt Ion:	142	Resp:	975
Ion Ratio		Lower	Upper
142	100		
141	93.5	74.3	111.5





#7

Acenaphthylene

Concen: 0.820 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Instrument :

BNA_M

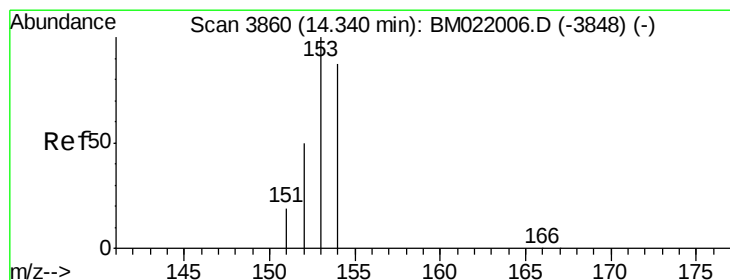
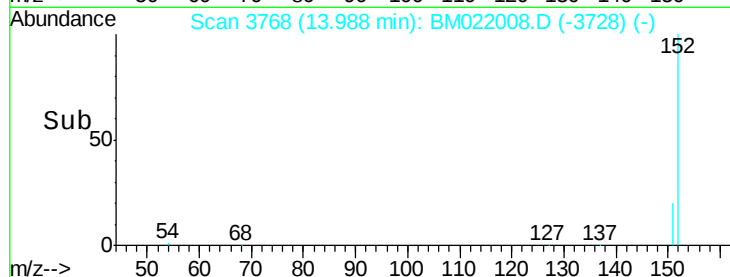
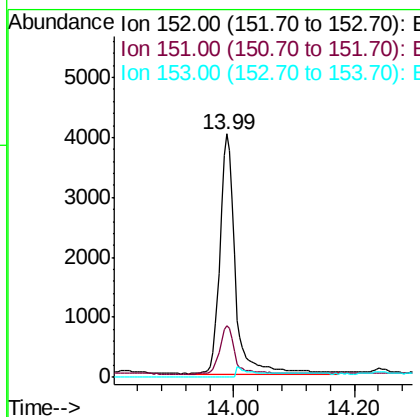
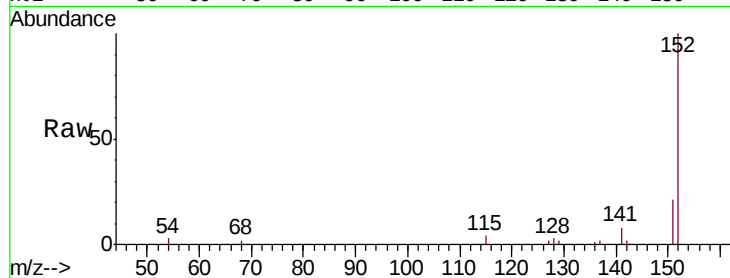
ClientSampled :

BEP69

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.625 ng/ul

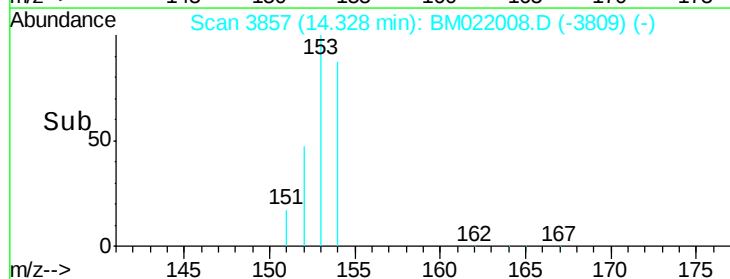
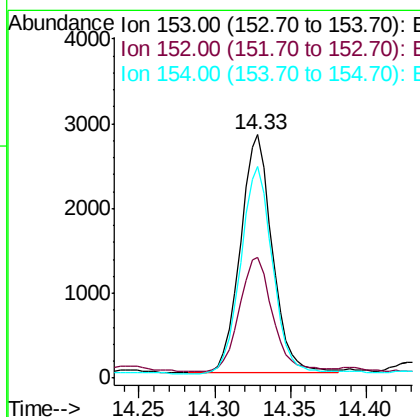
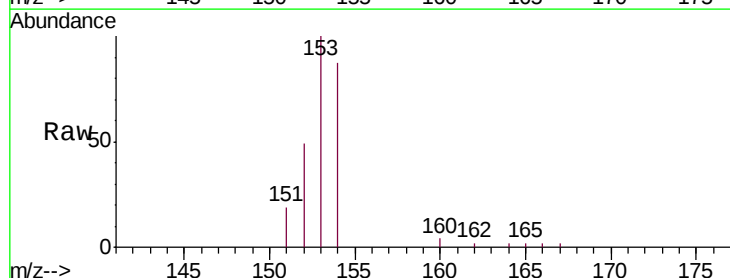
RT: 14.33 min Scan# 3857

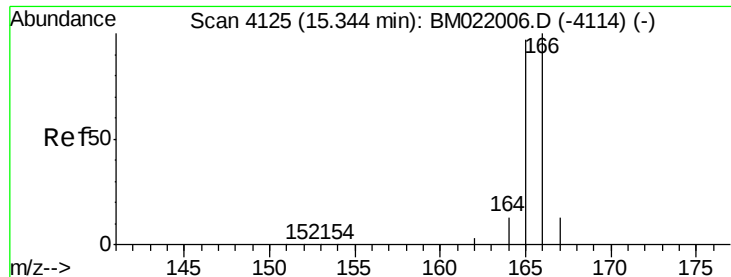
Delta R.T. -0.02 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	41.3	61.9
154	86.9	72.3	108.5





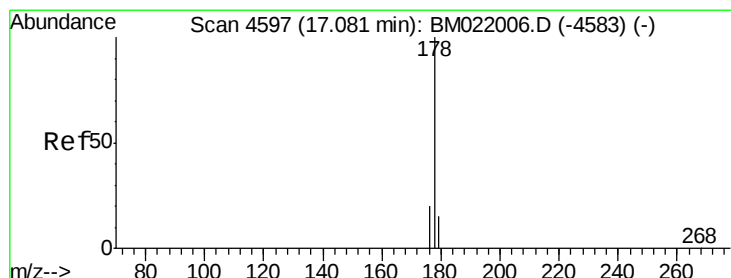
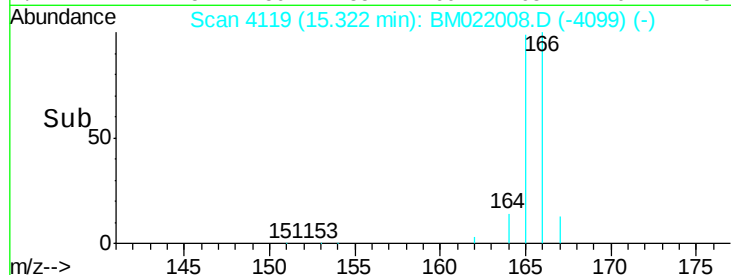
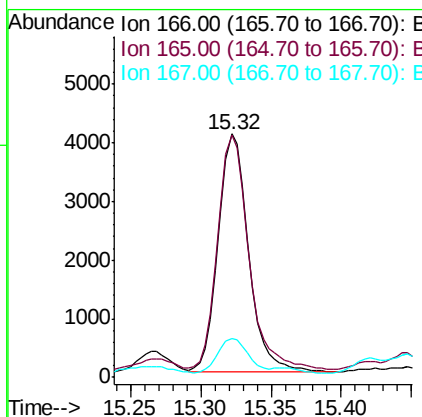
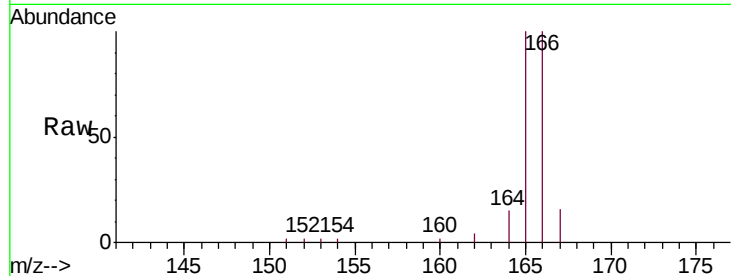
#9
Fluorene
 Concen: 0.833 ng/ul
 RT: 15.32 min Scan# 4119
 Delta R.T. -0.02 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Tgt Ion:	166	Resp:	6121
Ion Ratio	Lower	Upper	
166	100		
165	99.6	81.4	122.0
167	16.2	13.7	20.5

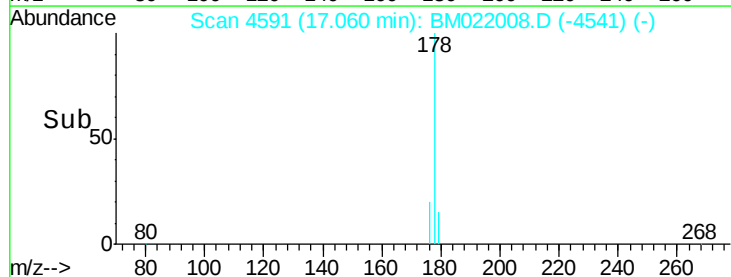
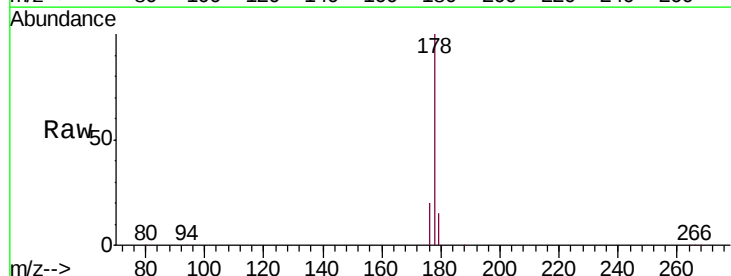
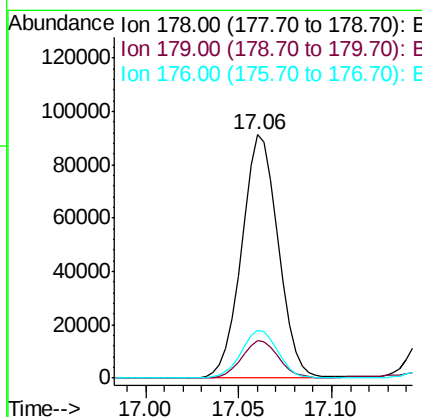
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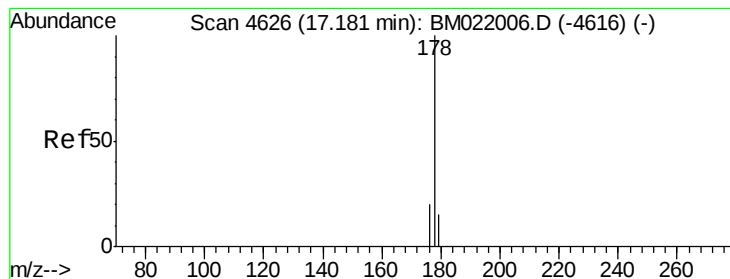
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#12
Phenanthrene
 Concen: 10.470 ng/ul m
 RT: 17.06 min Scan# 4591
 Delta R.T. -0.03 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

Tgt Ion:	178	Resp:	125815
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.2	21.2
176	19.8	16.8	25.2





#13

Anthracene

Concen: 3.328 ng/ul m

RT: 17.15 min Scan# 4618

Delta R.T. -0.03 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Instrument :

BNA_M

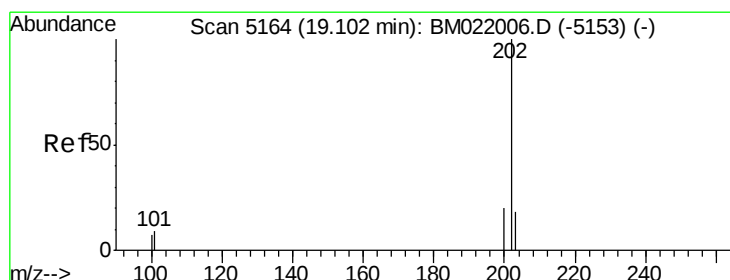
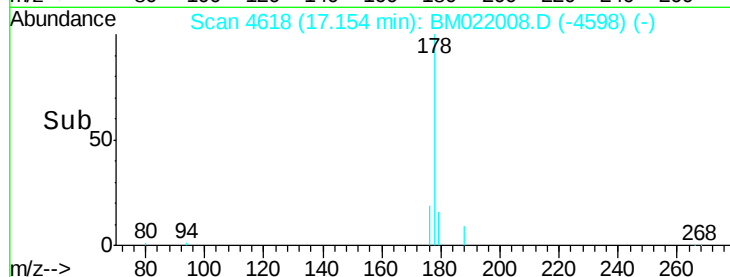
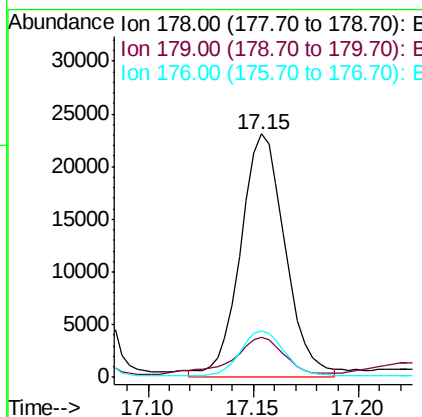
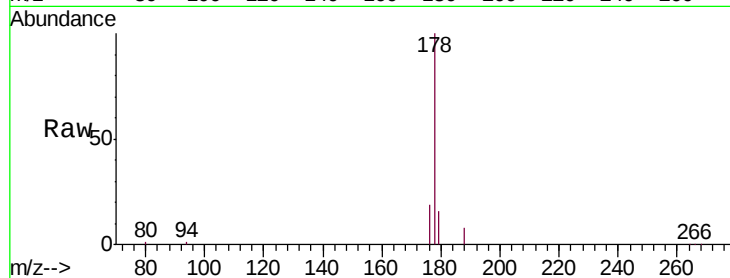
ClientSampleId :

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Tgt Ion:	178	Resp:	34110
Ion Ratio	Lower	Upper	
178	100		
179	16.3	15.5	23.3
176	19.3	16.6	25.0

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#15

Fluoranthene

Concen: 16.742 ng/ul m

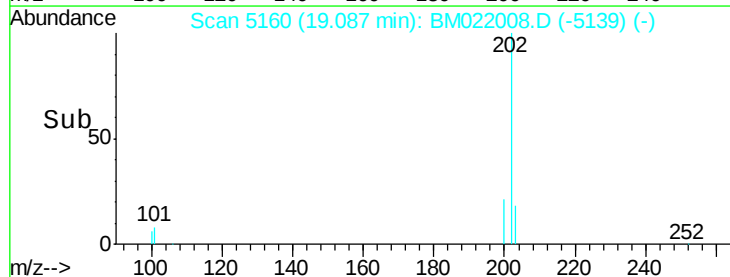
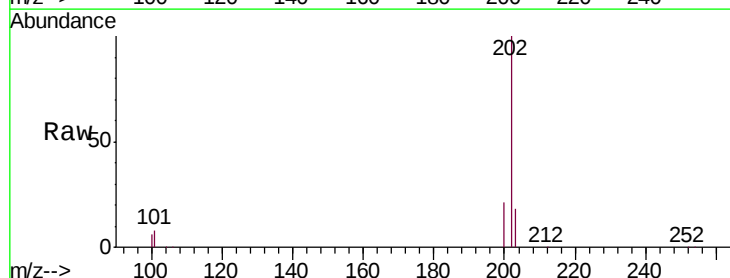
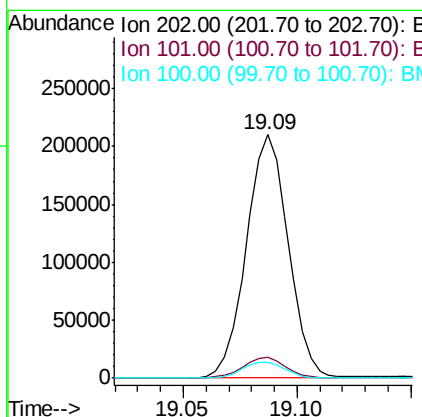
RT: 19.09 min Scan# 5160

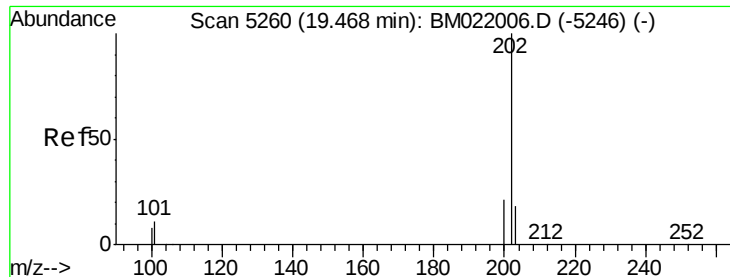
Delta R.T. -0.02 min

Lab File: BM022008.D

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Tgt Ion:	202	Resp:	269511
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	30.2
100	6.5	0.0	28.1





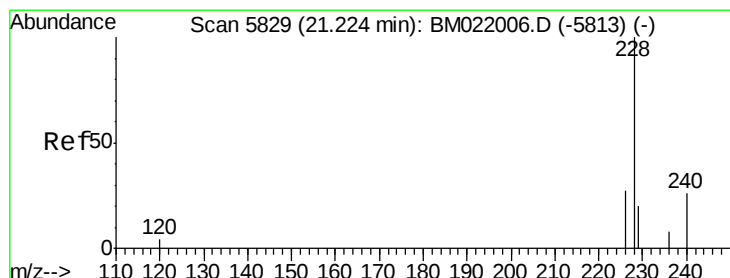
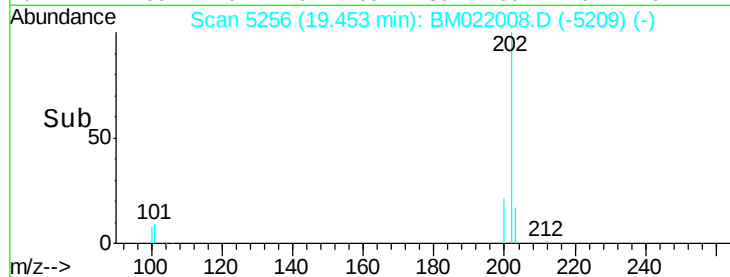
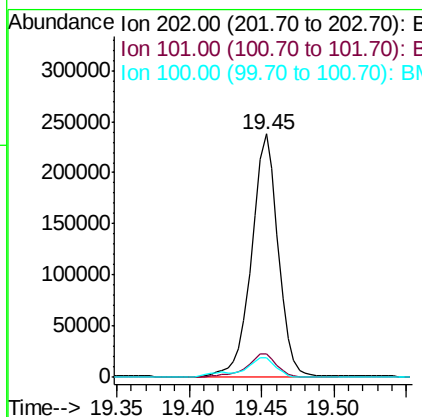
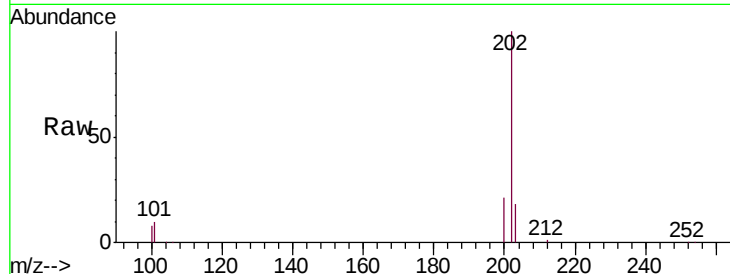
#17
 Pyrene
 Concen: 17.735 ng/ul
 RT: 19.45 min Scan# 5256
 Delta R.T. -0.02 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	202	Resp:	301636
Ion Ratio	Lower	Upper	
202	100		
101	9.5	8.3	12.5
100	7.9	7.2	10.8

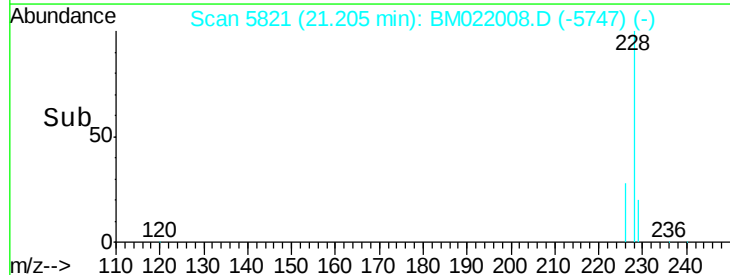
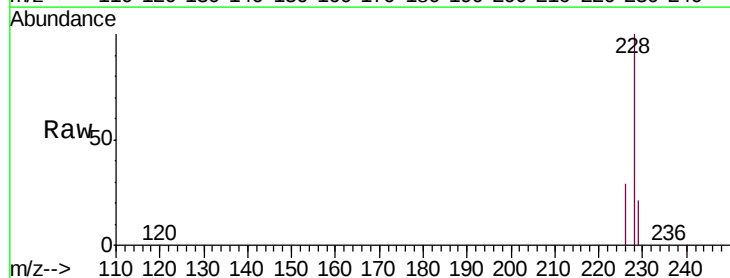
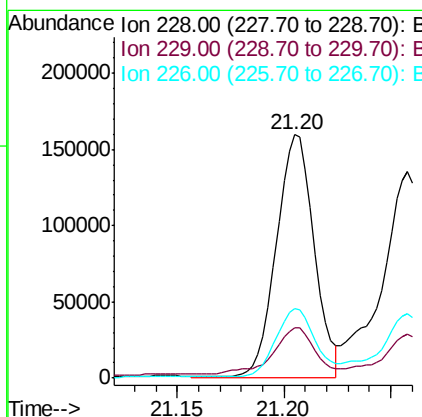
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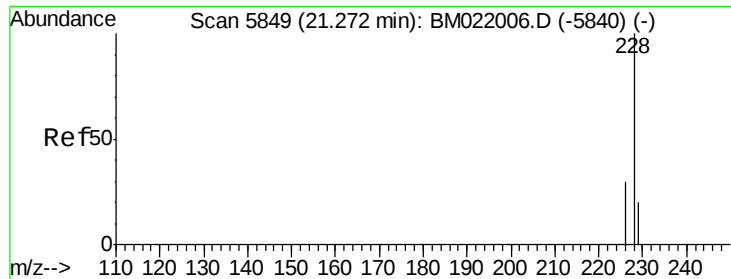
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#18
 Benzo(a)anthracene
 Concen: 13.293 ng/ul m
 RT: 21.20 min Scan# 5821
 Delta R.T. -0.02 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

Tgt Ion:	228	Resp:	196796
Ion Ratio	Lower	Upper	
228	100		
229	20.7	17.2	25.8
226	28.6	22.6	34.0





#19

Chrysene

Concen: 10.156 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.02 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Instrument :

BNA_M

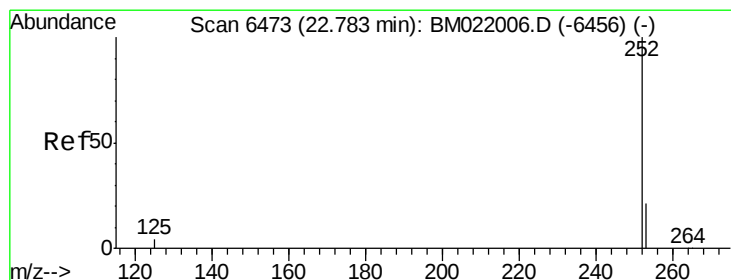
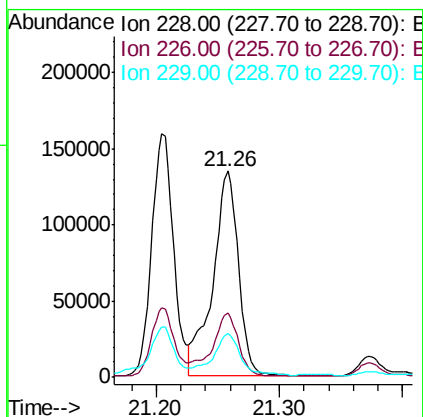
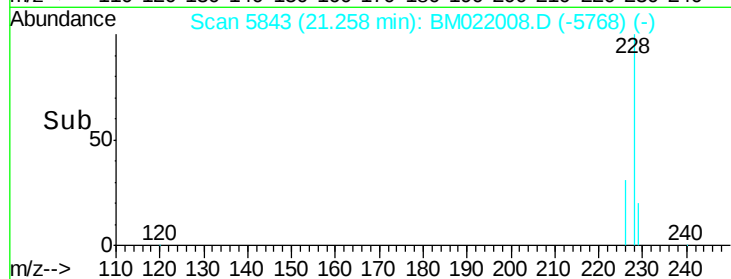
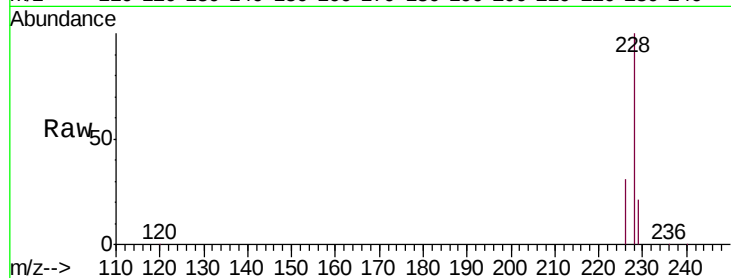
ClientSampleId :

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Tgt Ion:	228	Resp:	193380
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	21.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 13.851 ng/ul m

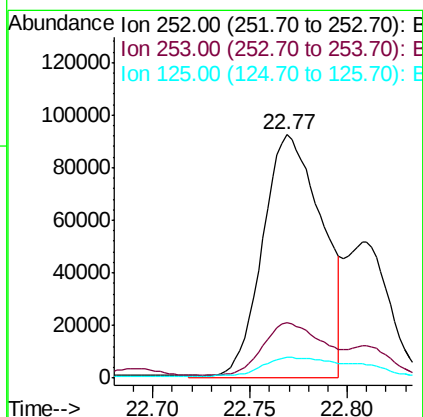
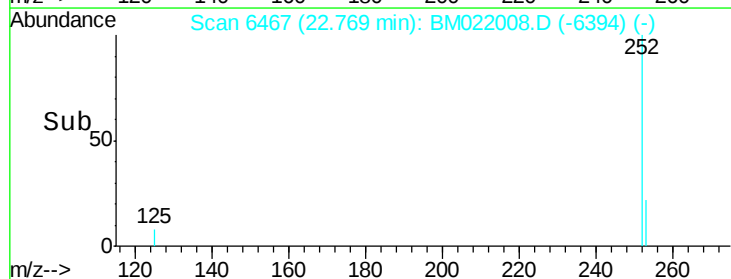
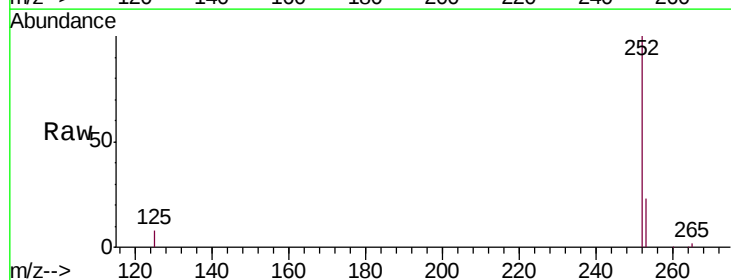
RT: 22.77 min Scan# 6467

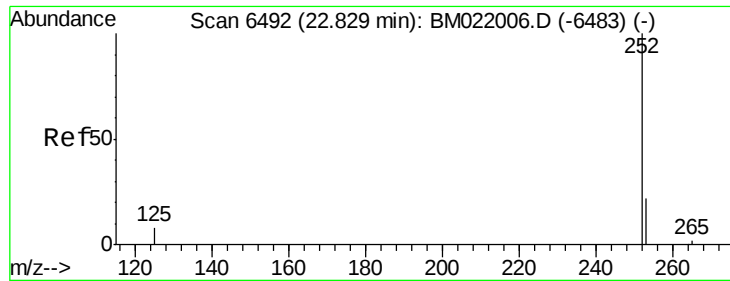
Delta R.T. -0.02 min

Lab File: BM022008.D

Acq: 10 Aug 2019 23:12

Tgt Ion:	252	Resp:	196212
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	67.4
125	8.4	0.0	31.0





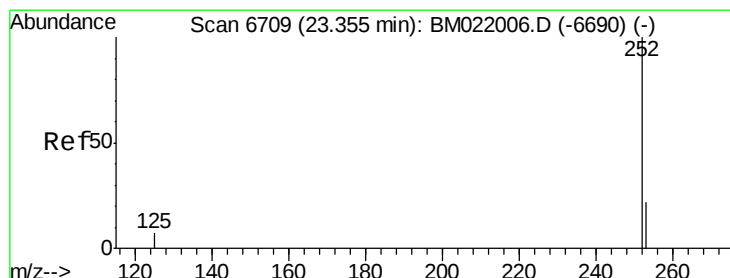
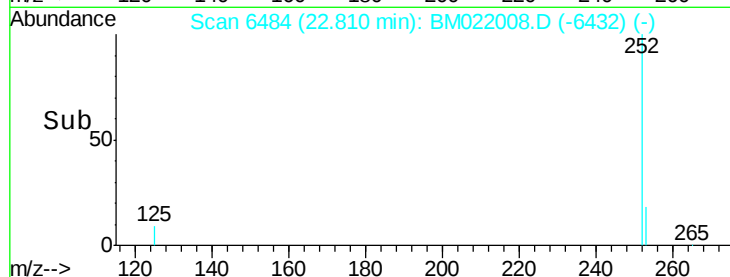
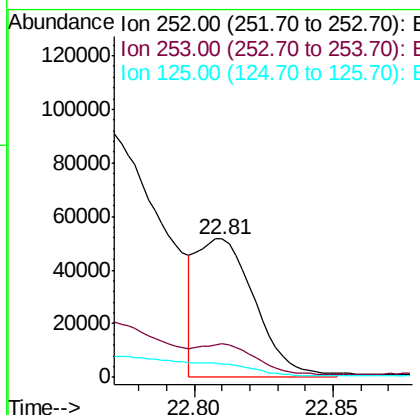
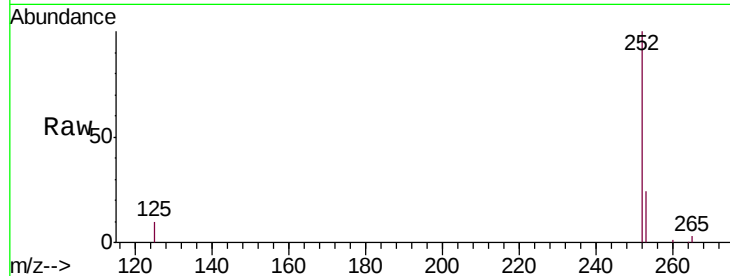
#22
Benzo(k)fluoranthene
Concen: 4.738 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.02 min
Lab File: BM022008.D
Acq: 10 Aug 2019 23:12

Instrument :
BNA_M
ClientSampleId :
BEP69

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	27.0	40.4#
125	9.9	12.2	18.2#

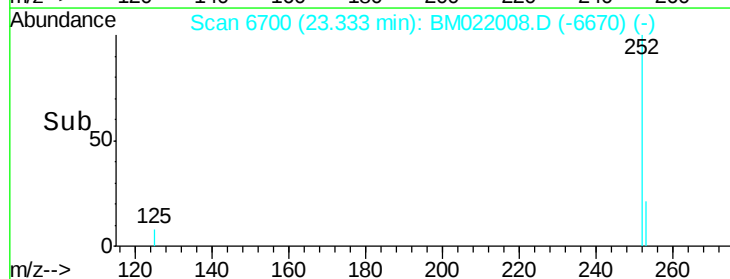
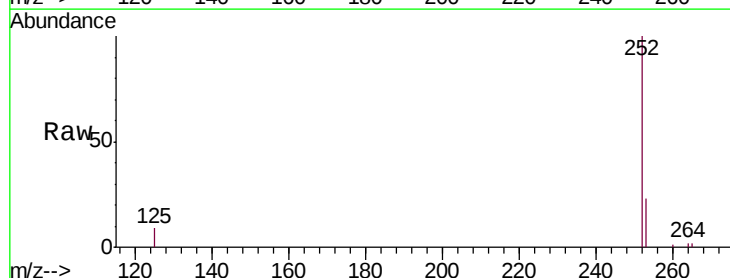
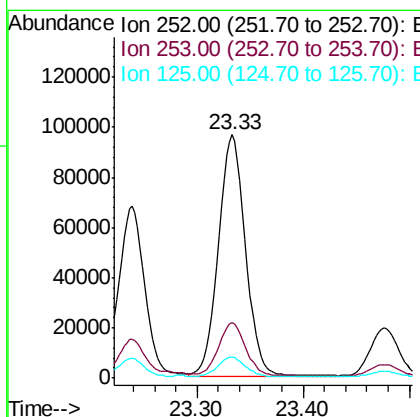
Manual Integrations
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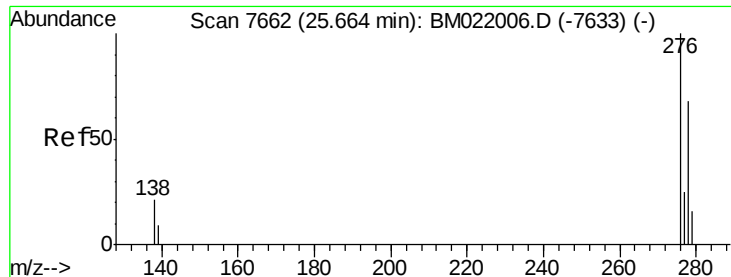
Sohil
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#23
Benzo(a)pyrene
Concen: 11.641 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. -0.03 min
Lab File: BM022008.D
Acq: 10 Aug 2019 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	31.7	47.5#
125	8.7	14.6	21.8#





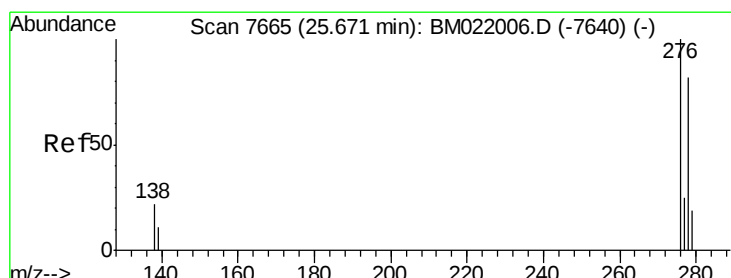
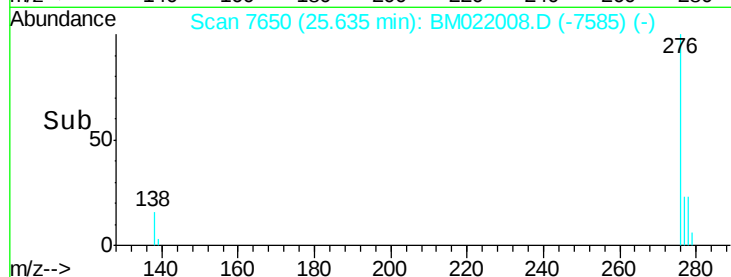
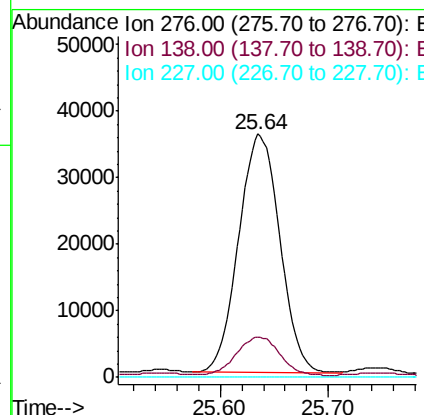
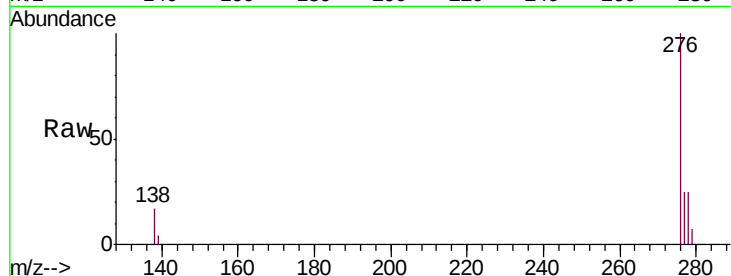
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.536 ng/u1
 RT: 25.64 min Scan# 7650
 Delta R.T. -0.04 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
227	0.0	0.0	0.0

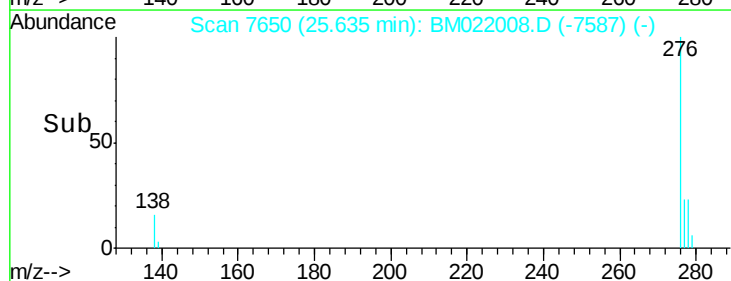
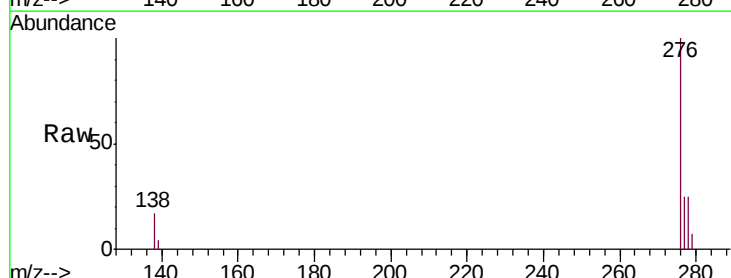
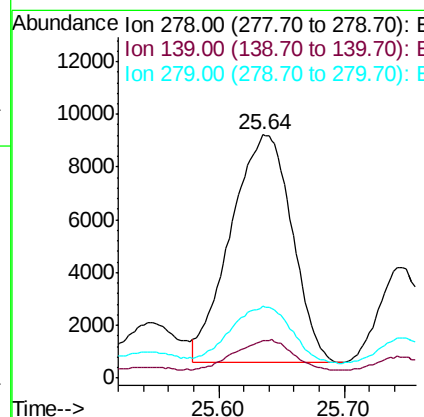
Manual Integrations
 APPROVED

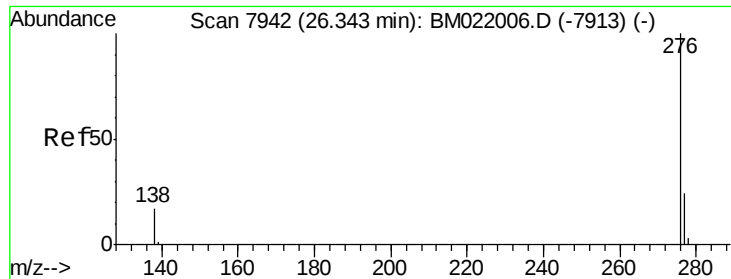
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 8/13/2019 8:46:22 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.109 ng/u1
 RT: 25.64 min Scan# 7650
 Delta R.T. -0.05 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

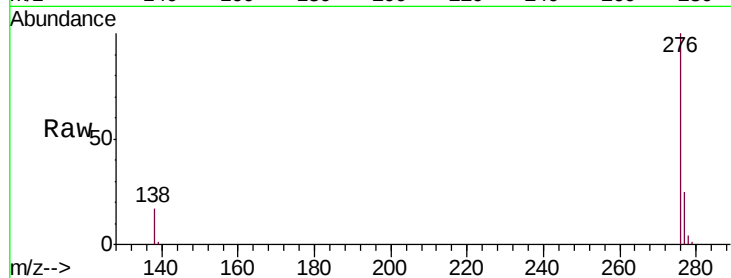
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.2	21.2
279	29.7	28.3	42.5





#26
 Benzo(g,h,i)perylene
 Concen: 6.348 ng/ul
 RT: 26.32 min Scan# 7931
 Delta R.T. -0.04 min
 Lab File: BM022008.D
 Acq: 10 Aug 2019 23:12

Instrument :
 BNA_M
 ClientSampleId :
 BEP69



Tgt Ion:	276	Resp:	98305
Ion Ratio	Lower	Upper	
276	100		
138	17.0	15.5	23.3
277	24.7	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

