

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022022.D
 Acq On : 12 Aug 2019 09:11
 Operator : HP/JU
 Sample : K4028-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68DL

Manual Integrations
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Sohil
 8/13/2019 9:56:06 AM

Quant Time: Aug 12 14:12:24 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	599	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	2516	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1378	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3131	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3164	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3477m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	163	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	516	0.05	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	596	0.084	ng/ul#	72
5) 2-Methylnaphthalene	12.09	142	387	0.082	ng/ul	93
7) Acenaphthylene	13.99	152	1802	0.280	ng/ul#	84
8) Acenaphthene	14.33	153	1027	0.195	ng/ul	98
9) Fluorene	15.32	166	1054	0.180	ng/ul#	98
12) Phenanthrene	17.06	178	23593	2.590	ng/ul	96
13) Anthracene	17.16	178	6065	0.780	ng/ul	98
15) Fluoranthene	19.08	202	59308	4.860	ng/ul	96
17) Pyrene	19.45	202	76986	5.921	ng/ul	99
18) Benzo(a)anthracene	21.21	228	46404	4.100	ng/ul	99
19) Chrysene	21.26	228	50555	3.473	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	53080m	4.527	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	20196m	1.522	ng/ul	
23) Benzo(a)pyrene	23.34	252	42998	3.606	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.64	276	24583	1.727	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	7469	0.649	ng/ul	100
26) Benzo(a,h,i)perylene	26.32	276	26246	2.048	ng/ul	97

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

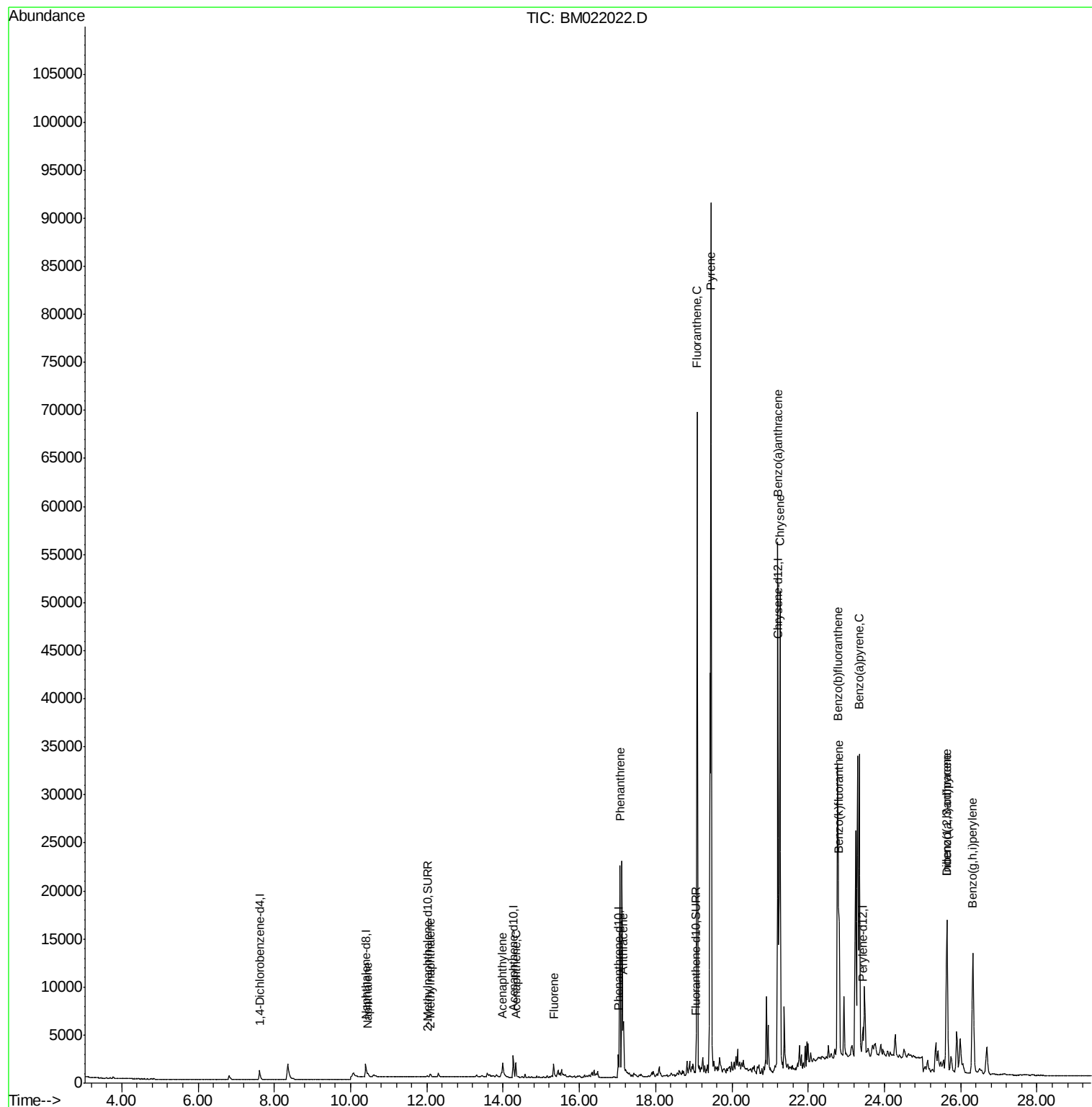
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
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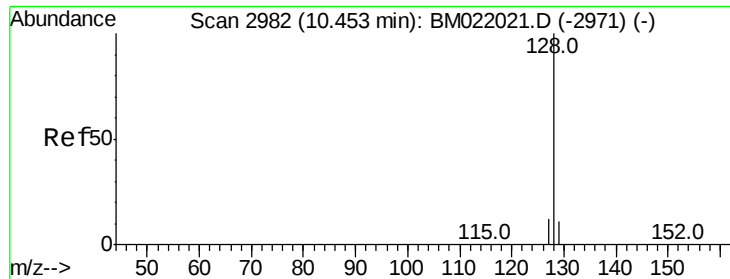
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.084 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Instrument :

BNA_M

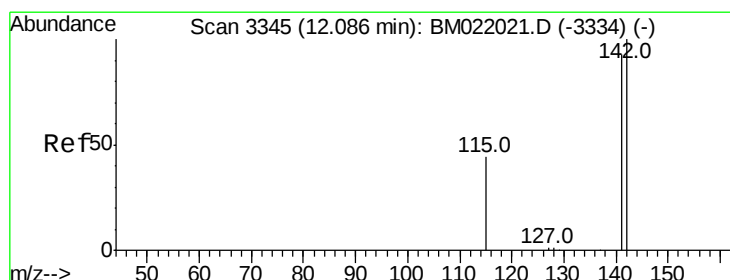
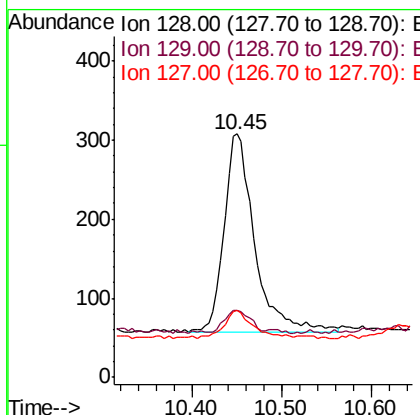
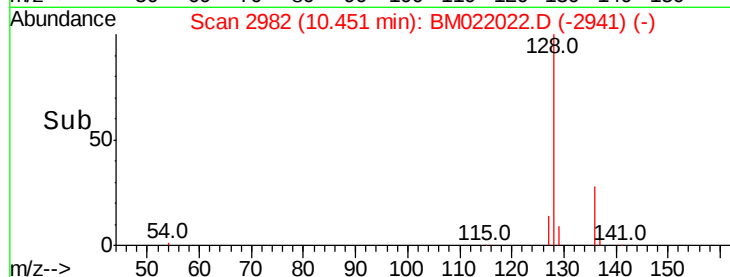
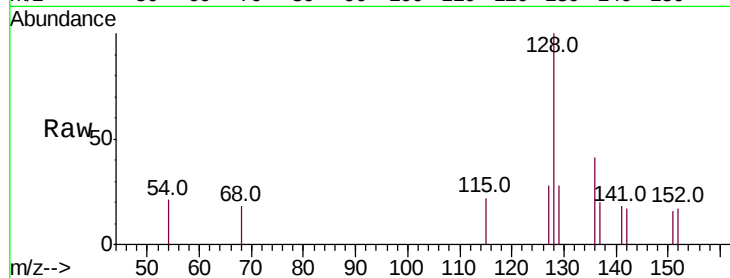
ClientSampleId :

BEP68DL

Tot Ion:	128	Resp:	596
Ion Ratio	Lower	Upper	
128	100		
129	27.6	12.3	18.5#
127	27.6	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.082 ng/ul

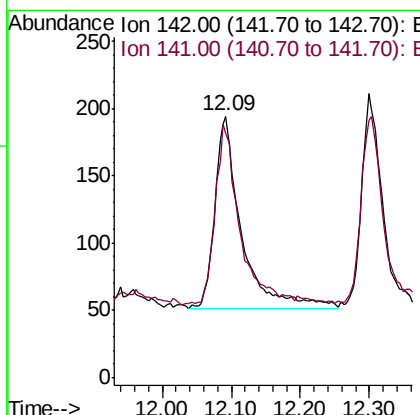
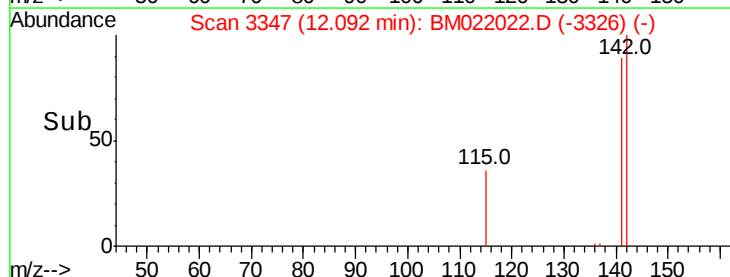
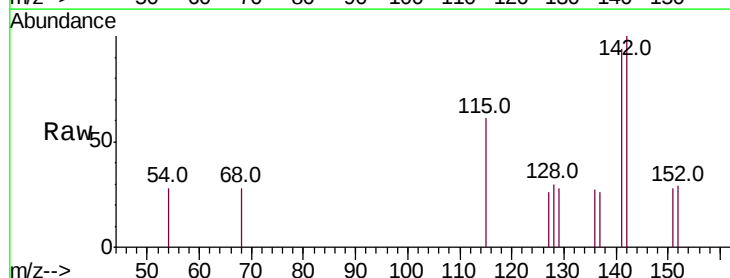
RT: 12.09 min Scan# 3347

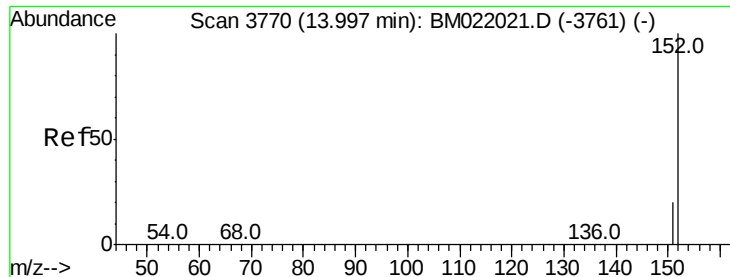
Delta R.T. -0.00 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Tgt Ion:	142	Resp:	387
Ion Ratio	Lower	Upper	
142	100		
141	85.8	74.3	111.5





#7

Acenaphthylene

Concen: 0.280 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Instrument :

BNA_M

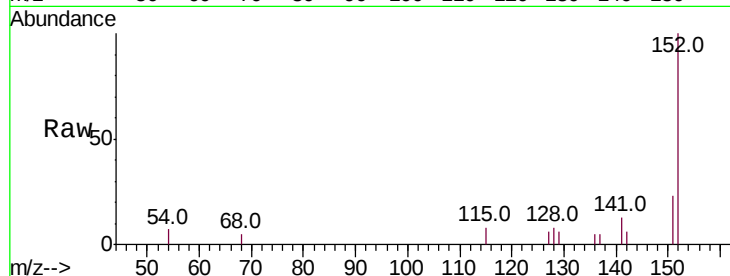
ClientSampleId :

BEP68DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.5	18.3	27.5
153	0.0	12.8	19.2

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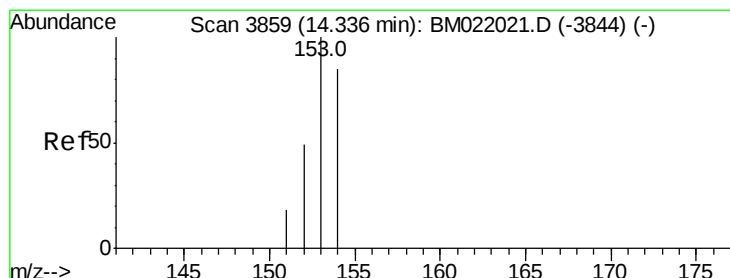
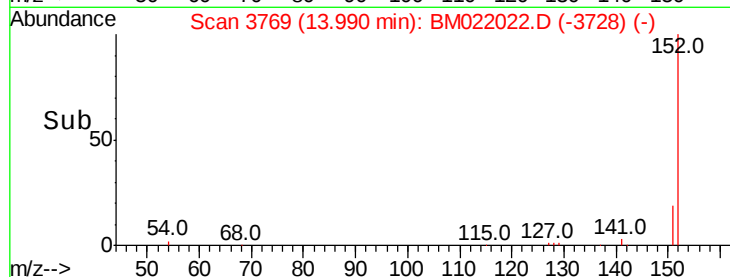
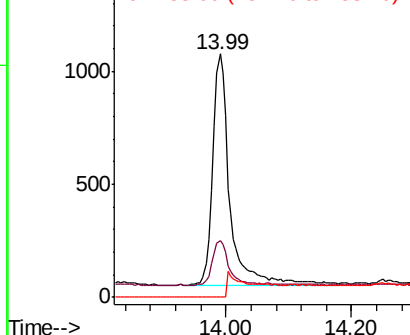


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.195 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

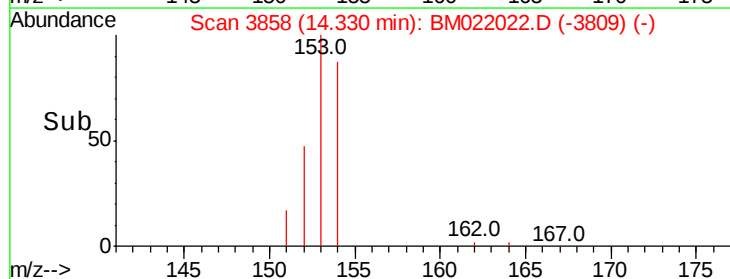
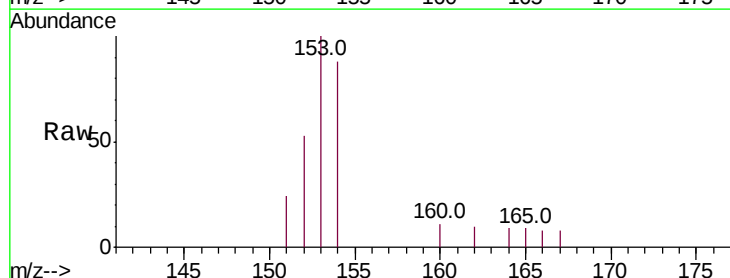
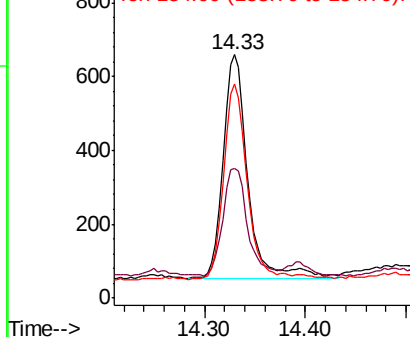
Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.1	41.3	61.9
154	88.0	72.3	108.5

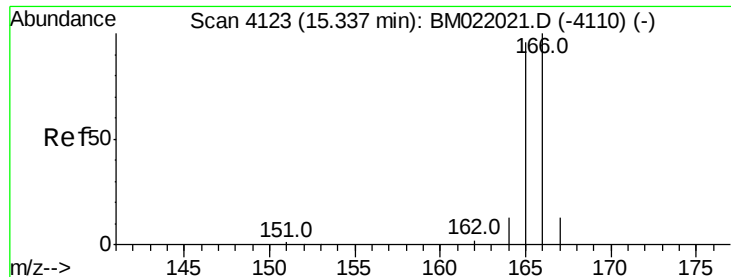
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.180 ng/ul

RT: 15.32 min Scan# 4120

Delta R.T. -0.02 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Instrument :

BNA_M

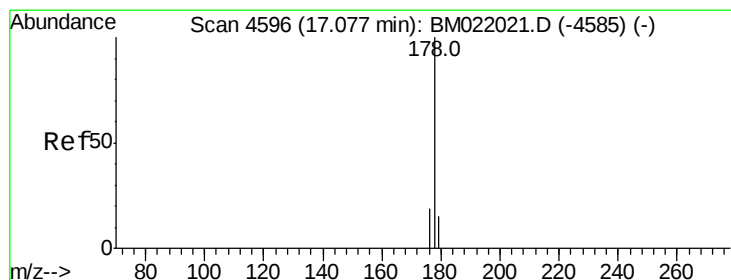
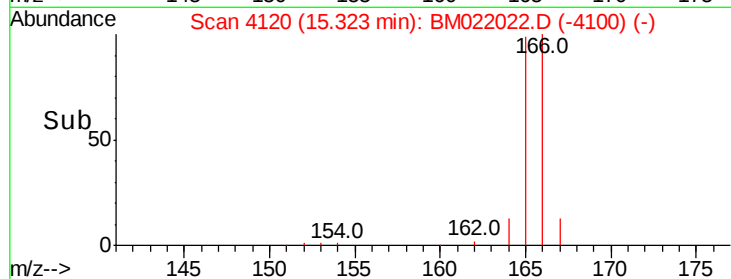
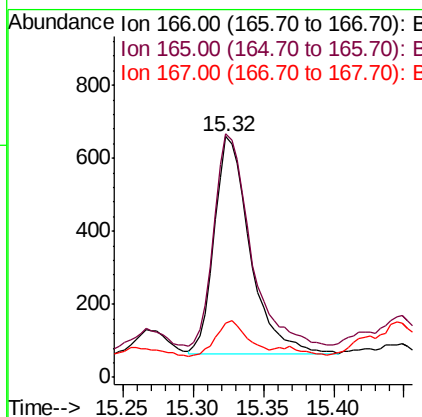
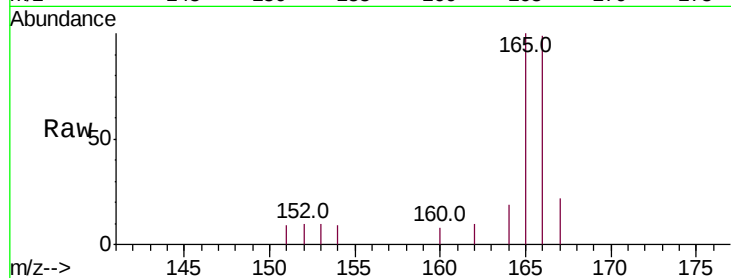
ClientSampleId :

BEP68DL

Tot Ion:	166	Resp:	1054
Ion Ratio	Lower	Upper	
166	100		
165	101.2	81.4	122.0
167	22.3	13.7	20.5

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#12

Phenanthrene

Concen: 2.590 ng/ul

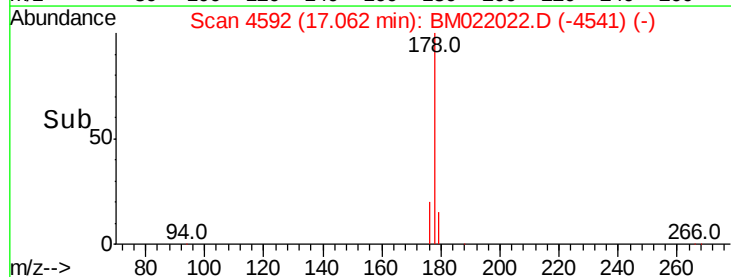
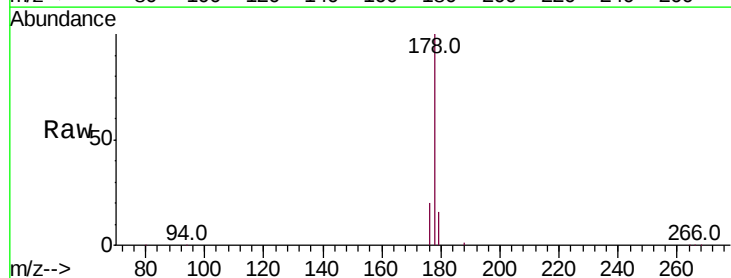
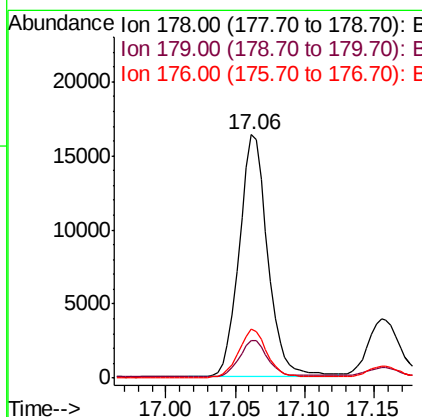
RT: 17.06 min Scan# 4592

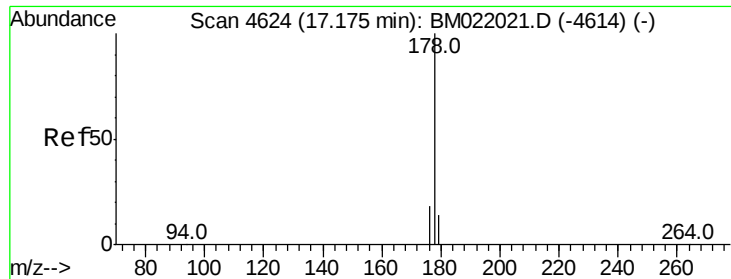
Delta R.T. -0.02 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Tgt Ion:	178	Resp:	23593
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.2	21.2
176	19.9	16.8	25.2





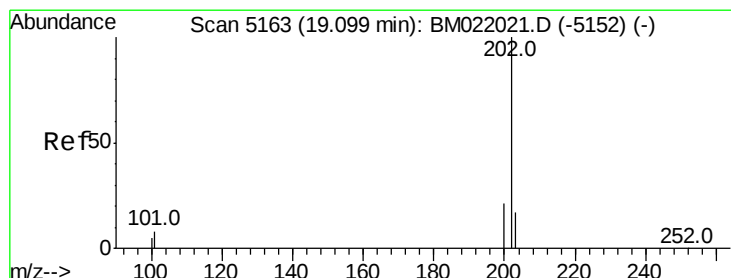
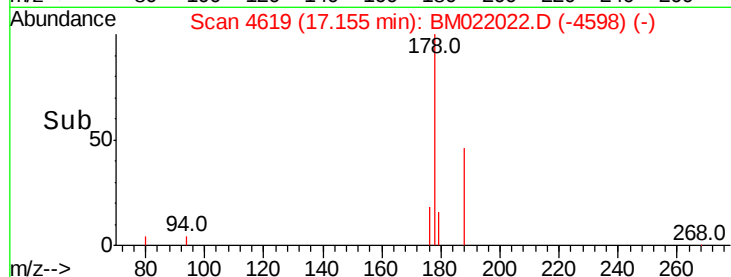
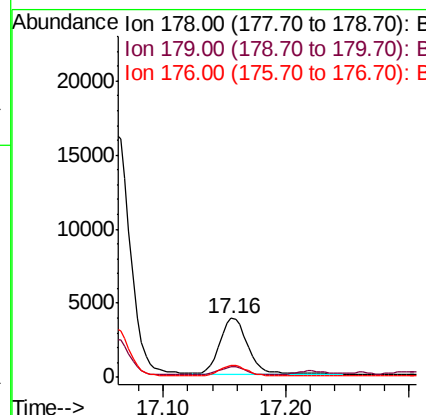
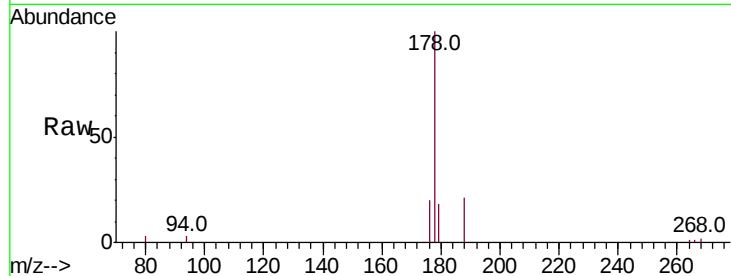
#13
 Anthracene
 Concen: 0.780 ng/ul
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.03 min
 Lab File: BM022022.D
 Acq: 12 Aug 2019 09:11

Instrument :
 BNA_M
 ClientSampleId :
 BEP68DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	15.5	23.3
176	19.9	16.6	25.0

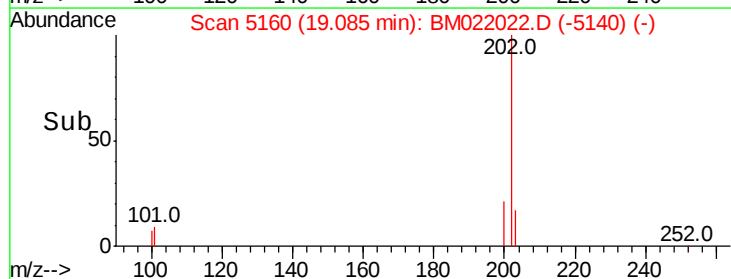
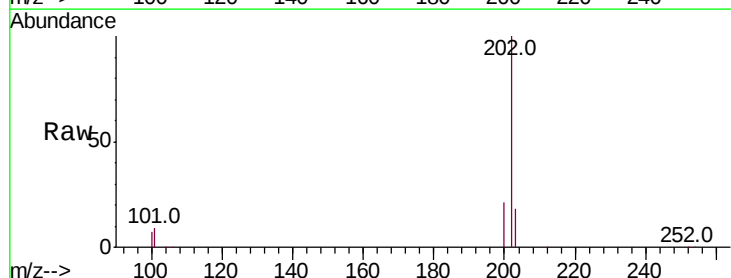
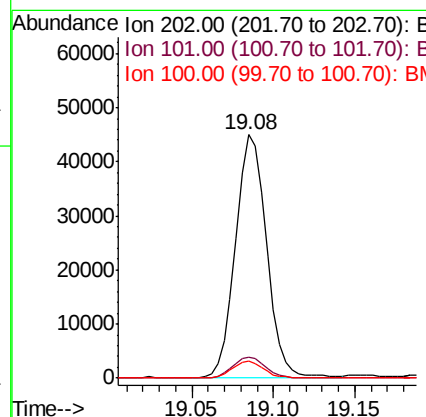
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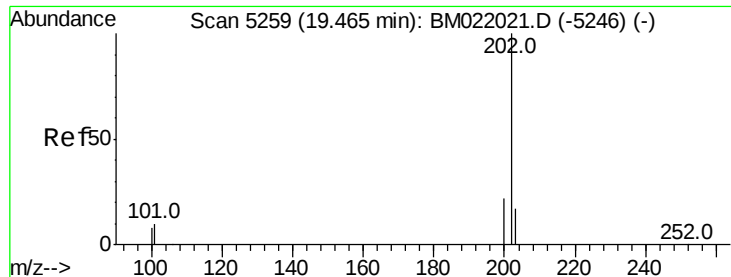
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#15
 Fluoranthene
 Concen: 4.860 ng/ul
 RT: 19.08 min Scan# 5160
 Delta R.T. -0.02 min
 Lab File: BM022022.D
 Acq: 12 Aug 2019 09:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.2
100	6.8	0.0	28.1





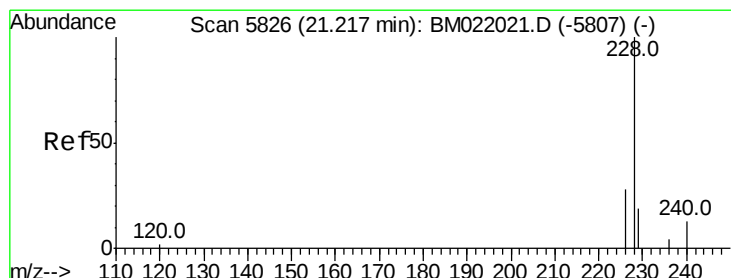
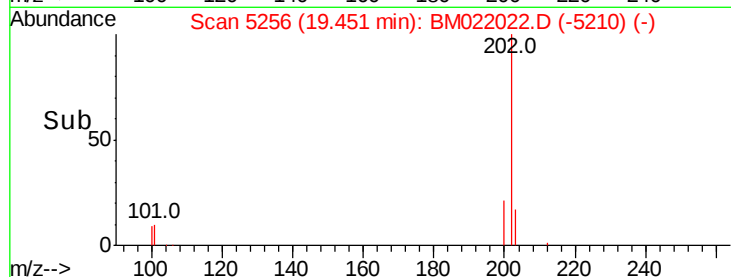
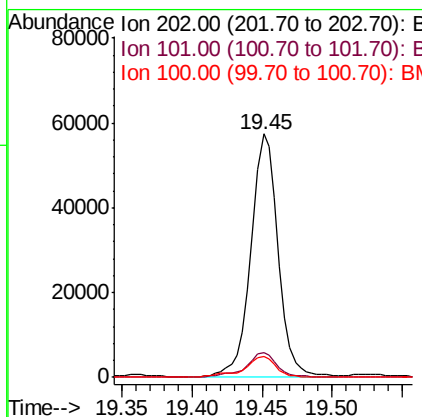
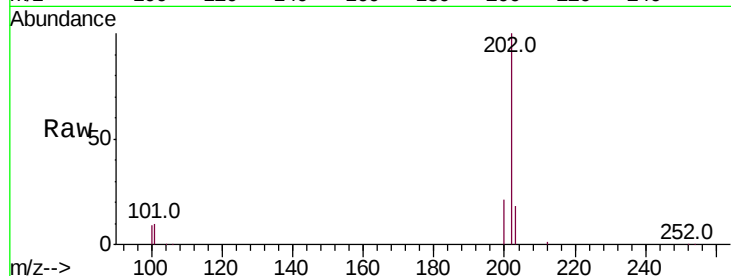
#17
Pvrene
Concen: 5.921 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022022.D
Acq: 12 Aug 2019 09:11

Instrument :
BNA_M
ClientSampleId :
BEP68DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	8.3	12.5
100	8.6	7.2	10.8

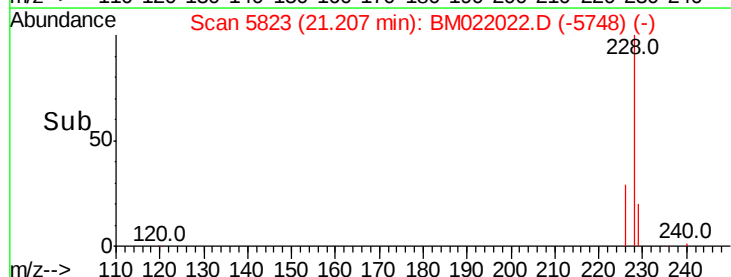
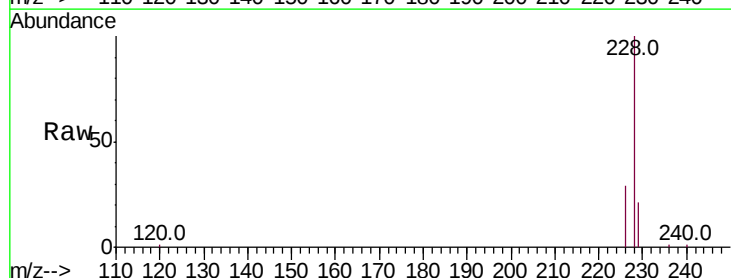
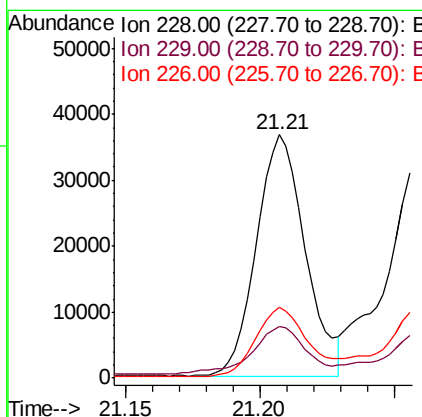
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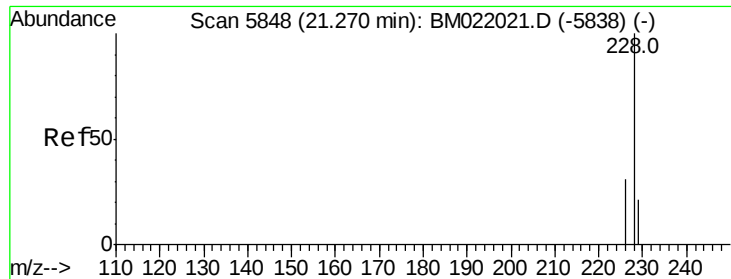
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#18
Benzo(a)anthracene
Concen: 4.100 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.02 min
Lab File: BM022022.D
Acq: 12 Aug 2019 09:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	17.2	25.8
226	29.1	22.6	34.0





#19

Chrysene

Concen: 3.473 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.02 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Instrument :

BNA_M

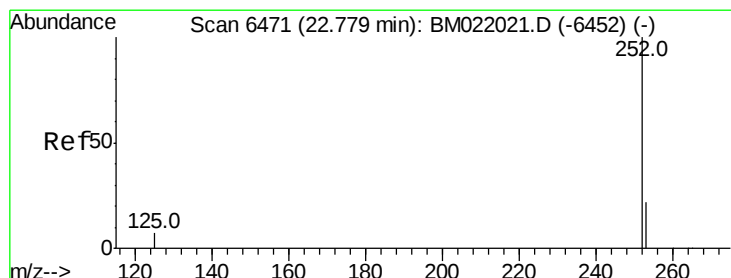
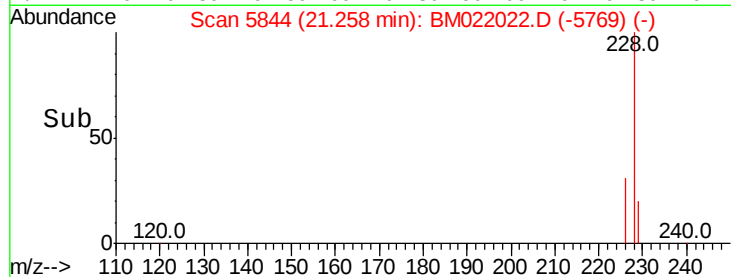
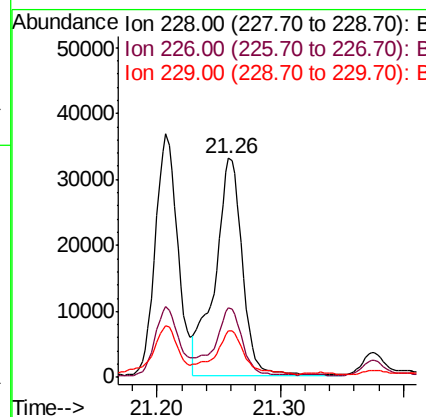
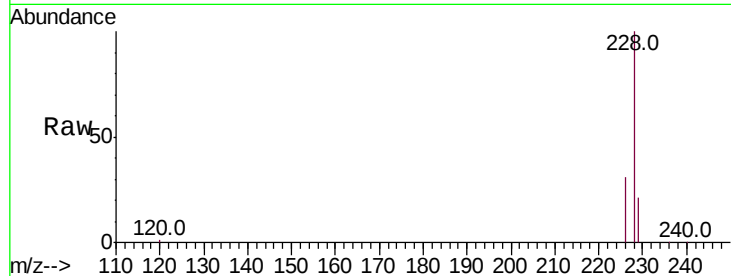
ClientSampleId :

BEP68DL

Tot Ion:228	Resp:	50555
Ion Ratio	Lower	Upper
228 100		
226 31.5	24.9	37.3
229 21.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.527 ng/ul m

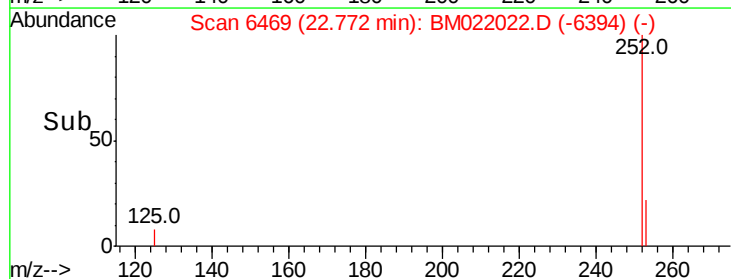
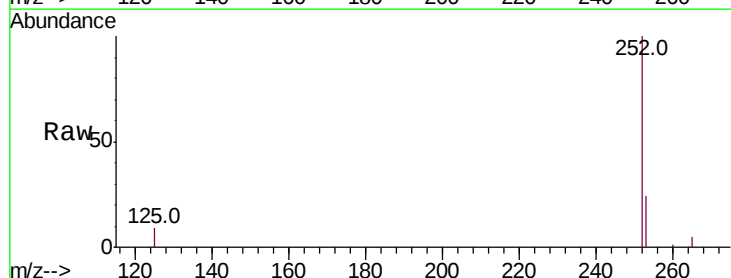
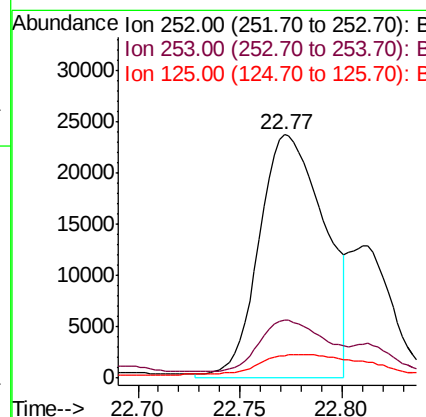
RT: 22.77 min Scan# 6469

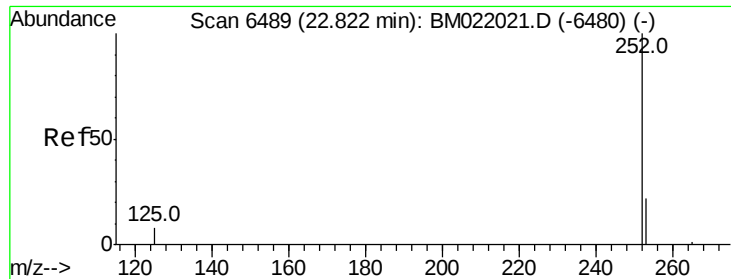
Delta R.T. -0.02 min

Lab File: BM022022.D

Acq: 12 Aug 2019 09:11

Tgt Ion:252	Resp:	53080
Ion Ratio	Lower	Upper
252 100		
253 23.9	0.0	67.4
125 9.4	0.0	31.0





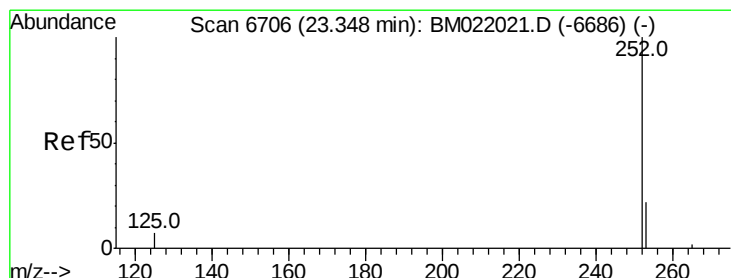
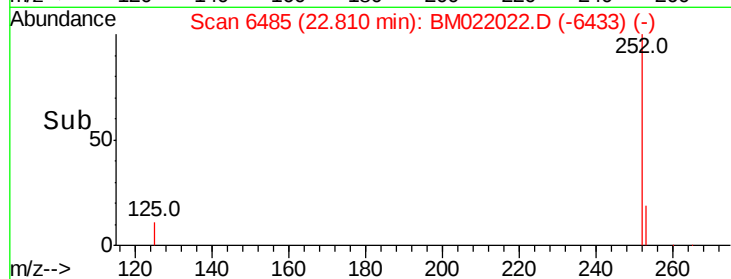
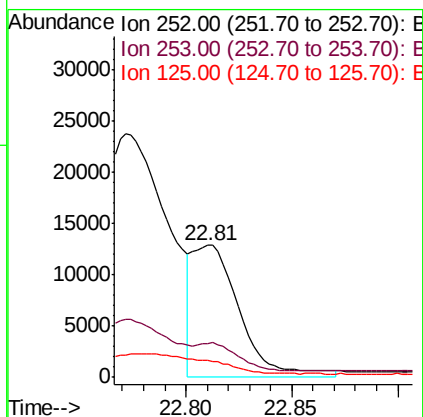
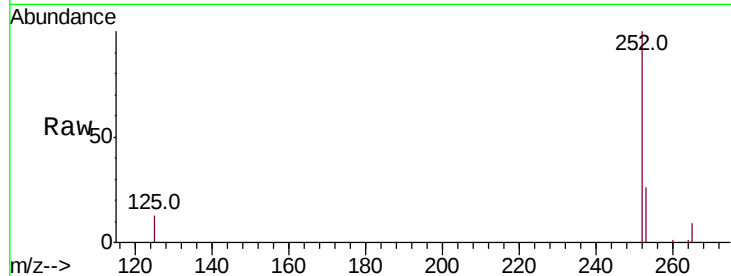
#22
Benzo(k)fluoranthene
Concen: 1.522 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022022.D
Acq: 12 Aug 2019 09:11

Instrument :
BNA_M
ClientSampleId :
BEP68DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	27.0	40.4#
125	12.7	12.2	18.2

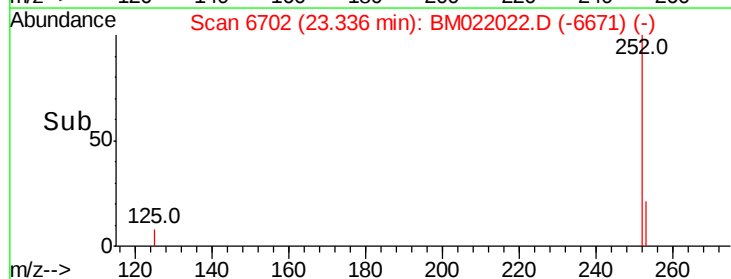
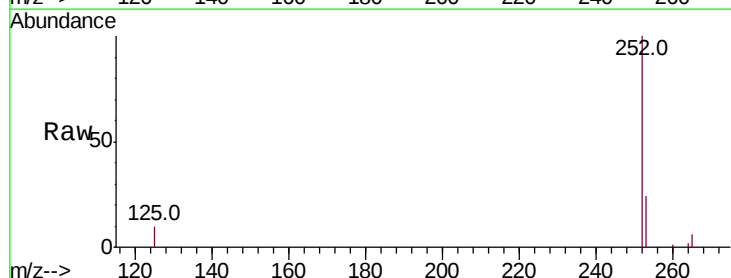
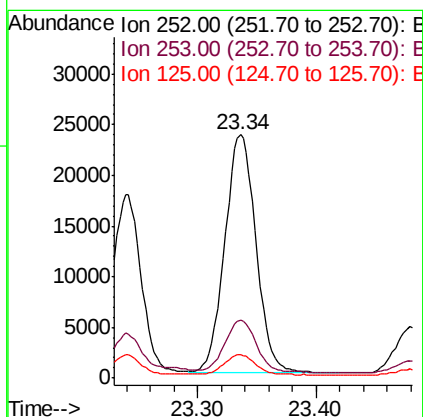
Manual Integrations
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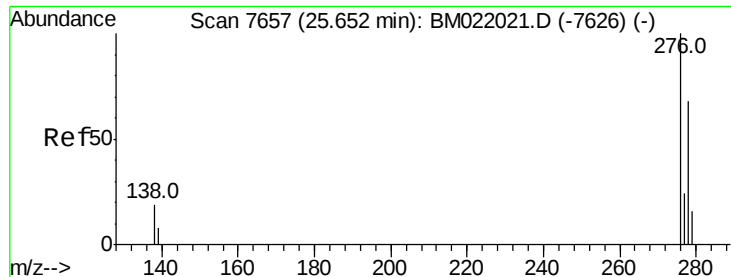
Sohil
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#23
Benzo(a)pyrene
Concen: 3.606 ng/ul
RT: 23.34 min Scan# 6702
Delta R.T. -0.02 min
Lab File: BM022022.D
Acq: 12 Aug 2019 09:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	31.7	47.5#
125	9.8	14.6	21.8#





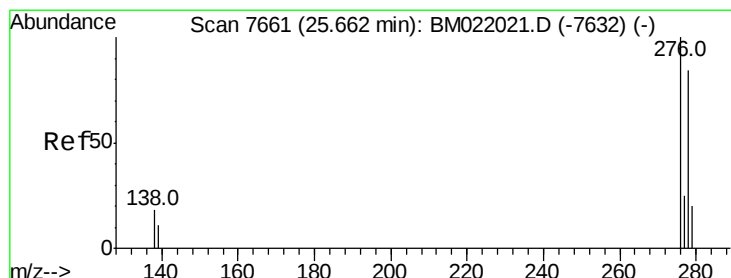
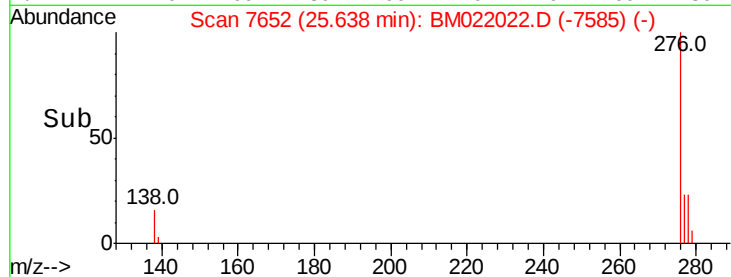
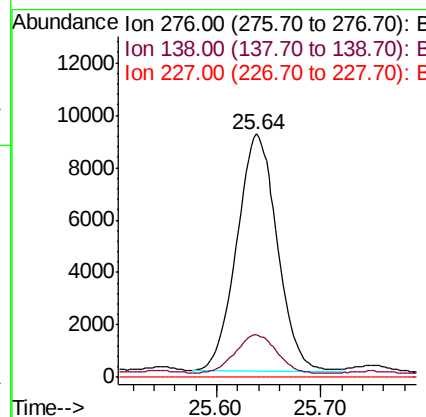
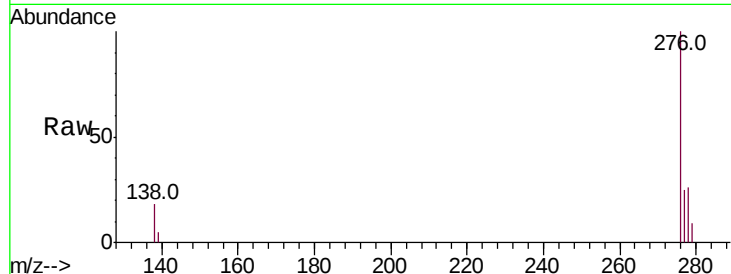
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.727 ng/ul
 RT: 25.64 min Scan# 7652
 Delta R.T. -0.04 min
 Lab File: BM022022.D
 Acq: 12 Aug 2019 09:11

Instrument :
 BNA_M
 ClientSampleId :
 BEP68DL

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

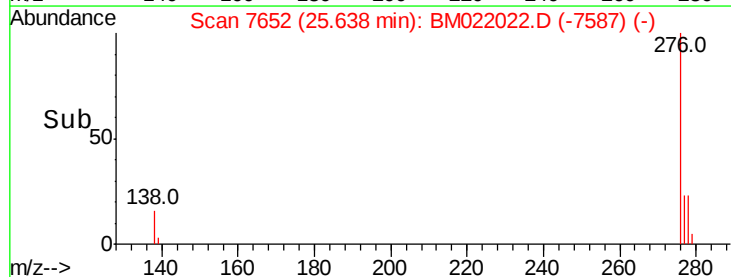
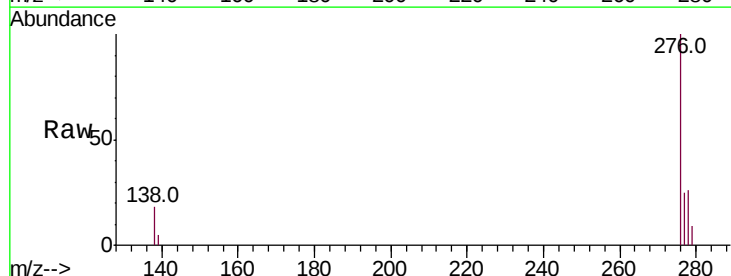
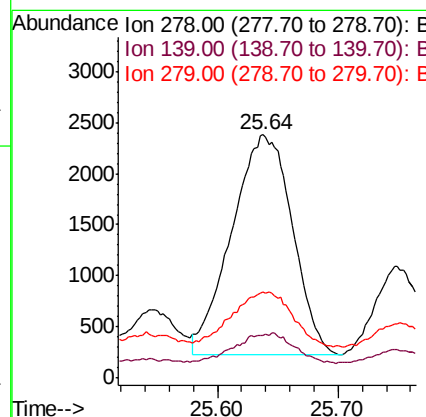
Manual Integrations
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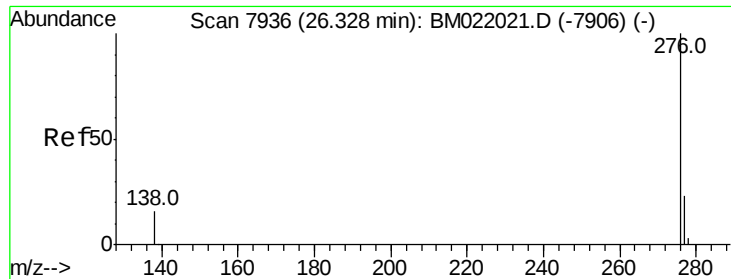
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.649 ng/ul
 RT: 25.64 min Scan# 7652
 Delta R.T. -0.04 min
 Lab File: BM022022.D
 Acq: 12 Aug 2019 09:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.2
279	35.2	28.3	42.5





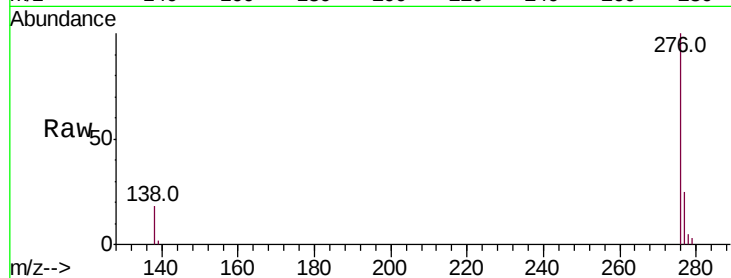
#26
 Benzo(a,h,i)perylene
 Concen: 2.048 ng/ul
 RT: 26.32 min Scan# 7933
 Delta R.T. -0.04 min
 Lab File: BM022022.D
 Acq: 12 Aug 2019 09:11

Instrument :
 BNA_M
 ClientSampleId :
 BEP68DL

Tot Ion:	276	Resp:	26246
Ion Ratio	Lower	Upper	
276	100		
138	17.8	15.5	23.3
277	25.4	21.4	32.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 12000 Ion 138.00 (137.70 to 138.70): E
 10000 Ion 277.00 (276.70 to 277.70): E

