

Data File : BM022034.D
Acq On : 12 Aug 2019 16:30
Operator : HP/JU
Sample : K3962-14DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP07DL

Manual Integrations
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Sohil
8/13/2019 9:56:30 AM

Quant Time: Aug 12 17:14:50 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 : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	675	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	2844	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1528	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3590m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3350m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	3183m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	692	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	2089m	0.17	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	259	0.032	ng/ul#	52
5) 2-Methylnaphthalene	12.08	142	141	0.026	ng/ul	93
7) Acenaphthylene	13.98	152	1041	0.146	ng/ul#	81
8) Acenaphthene	14.32	153	211	0.036	ng/ul#	93
9) Fluorene	15.32	166	316	0.049	ng/ul#	92
12) Phenanthrene	17.06	178	6825	0.653	ng/ul	98
13) Anthracene	17.16	178	1638m	0.184	ng/ul	
15) Fluoranthene	19.09	202	15418m	1.102	ng/ul	
17) Pyrene	19.45	202	16479	1.197	ng/ul	99
18) Benzo(a)anthracene	21.21	228	9173	0.766	ng/ul	97
19) Chrysene	21.26	228	9460	0.614	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	11707m	1.091	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	4397m	0.362	ng/ul	
23) Benzo(a)pyrene	23.34	252	8927	0.818	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.65	276	5669	0.435	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.65	278	1514	0.144	ng/ul#	63
26) Benzo(g,h,i)perylene	26.33	276	5715	0.487	ng/ul	96

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

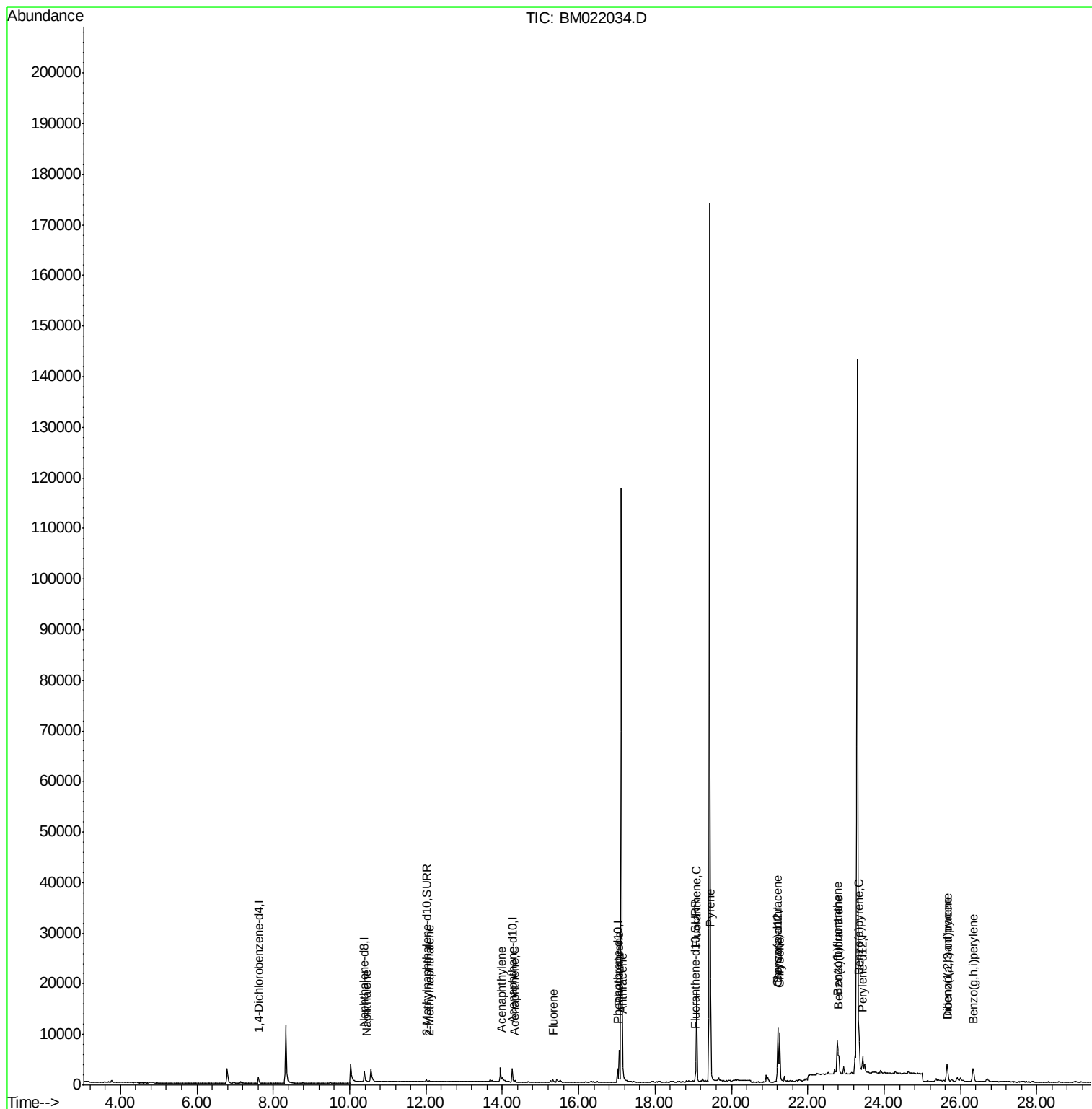
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ALS Vial : 15 Sample Multiplier: 1

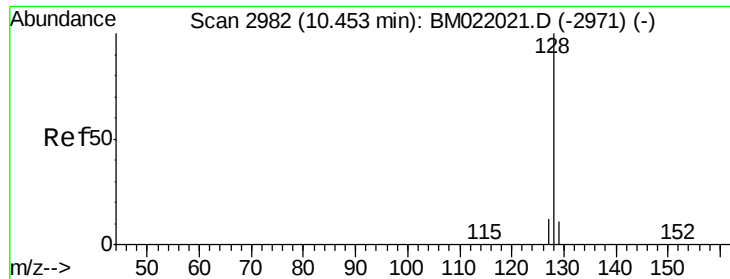
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.44 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BM022034.D

Acq: 12 Aug 2019 16:30

Instrument :

BNA_M

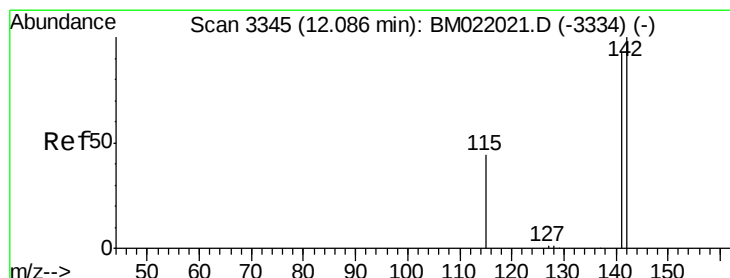
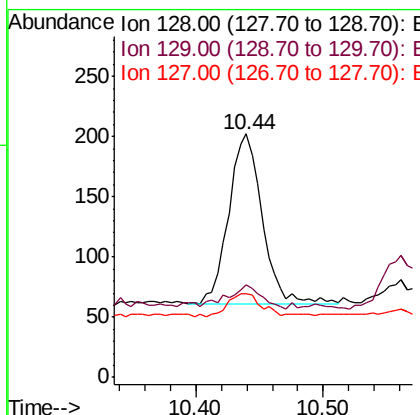
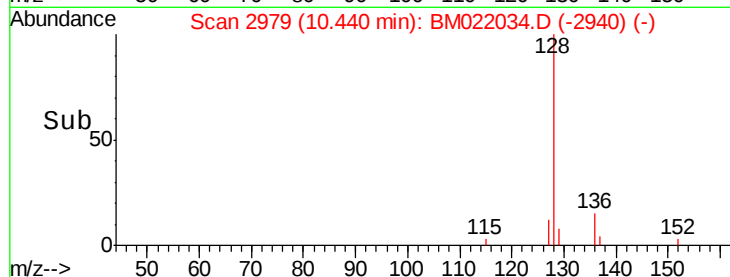
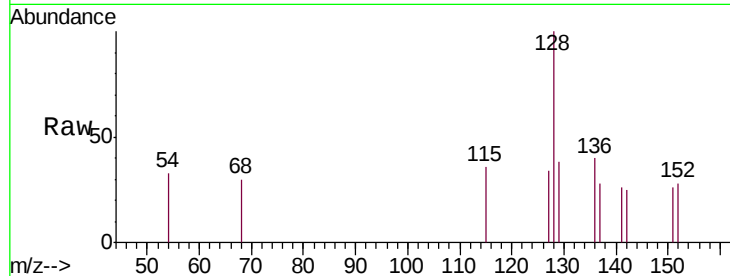
ClientSampleId :

BEP07DL

Tgt Ion:	128	Resp:	259
Ion Ratio	Lower	Upper	
128	100		
129	38.1	12.3	18.5#
127	34.2	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

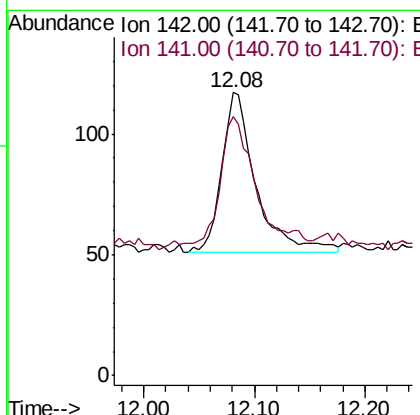
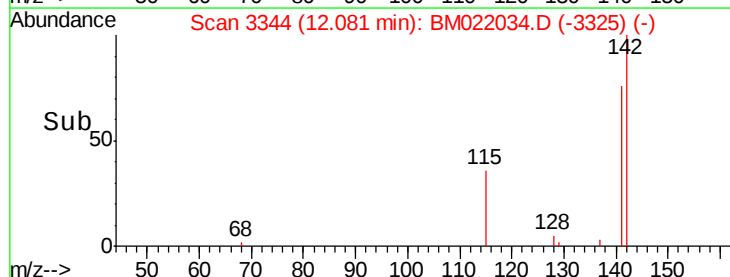
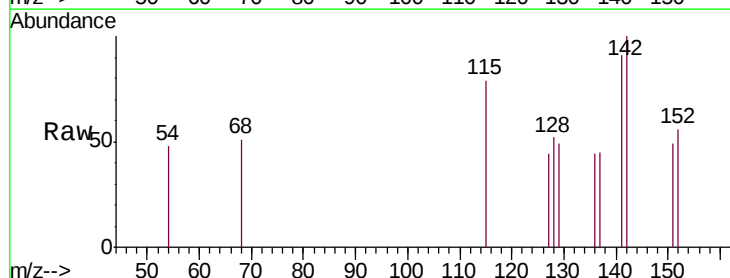
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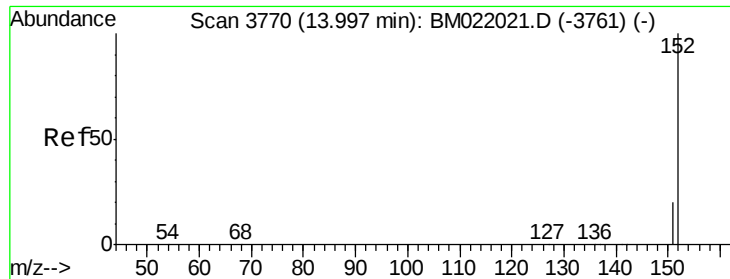
Delta R.T. -0.02 min

Lab File: BM022034.D

Acq: 12 Aug 2019 16:30

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





#7

Acenaphthylene

Concen: 0.146 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM022034.D

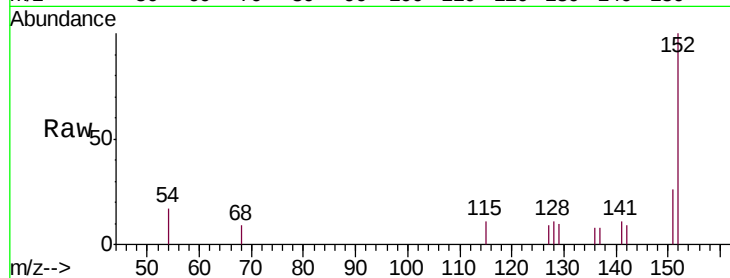
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Instrument :

BNA_M

ClientSampleId :

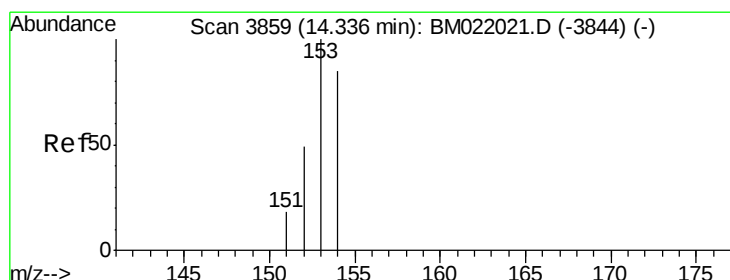
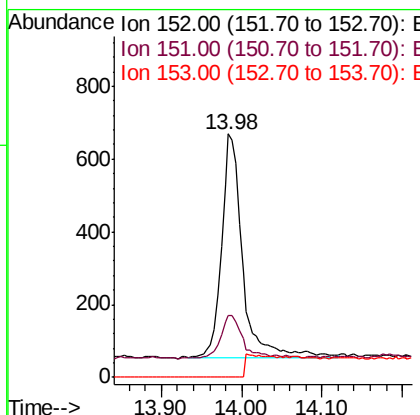
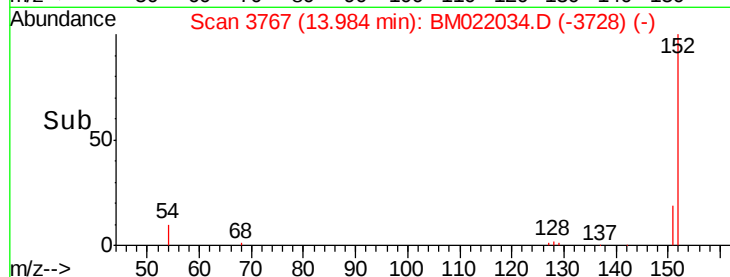
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.6	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.036 ng/ul

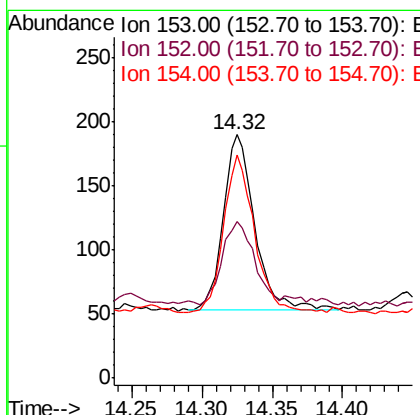
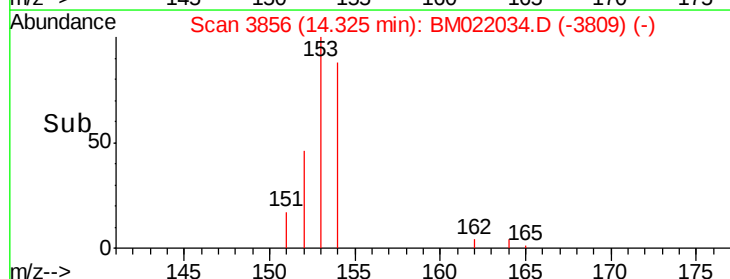
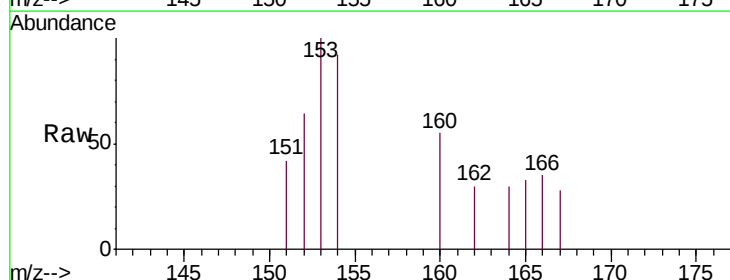
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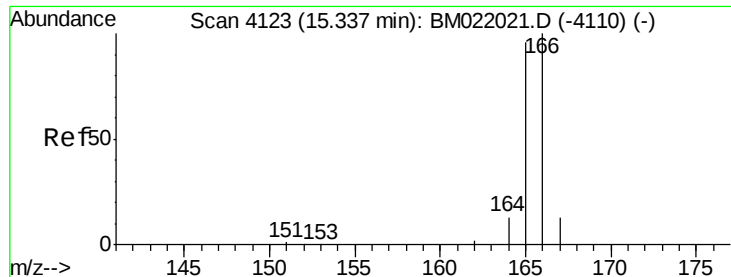
Delta R.T. -0.02 min

Lab File: BM022034.D

Acq: 12 Aug 2019 16:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	64.2	41.3	61.9
154	91.6	72.3	108.5





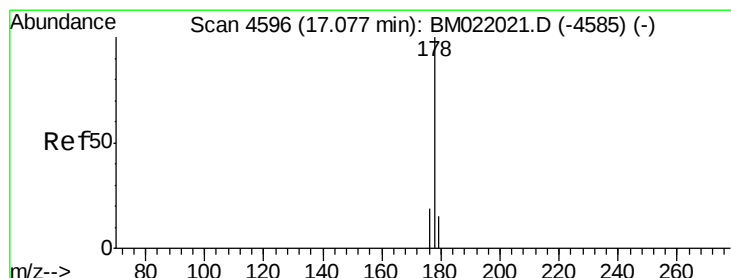
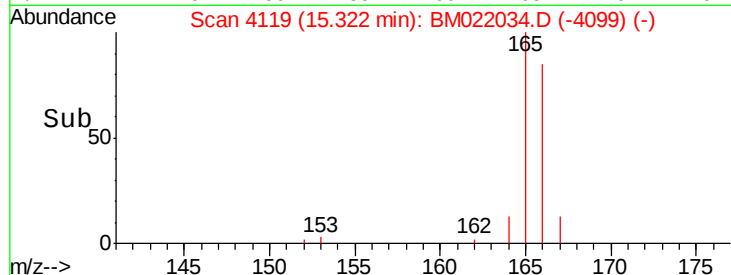
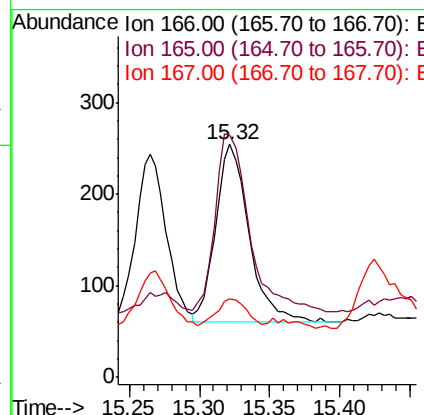
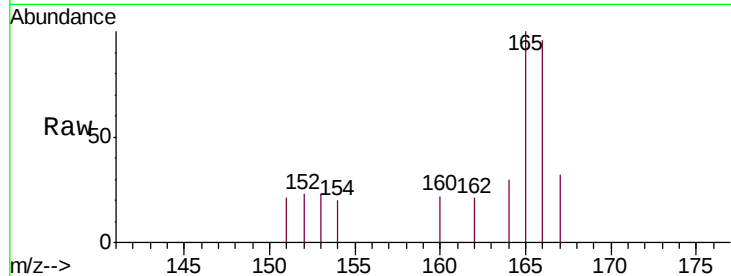
#9
Fluorene
 Concen: 0.049 ng/ul
 RT: 15.32 min Scan# 4119
 Delta R.T. -0.02 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Instrument :
 BNA_M
 ClientSampleID :
 BEP07DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.3	81.4	122.0
167	33.5	13.7	20.5

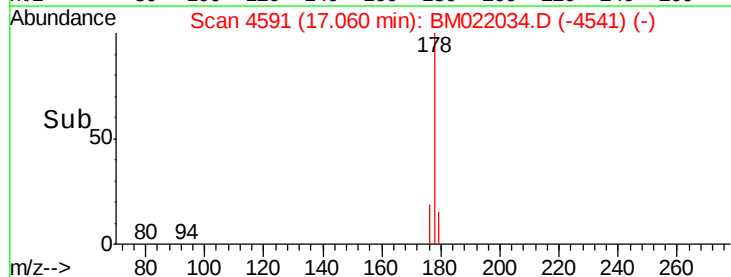
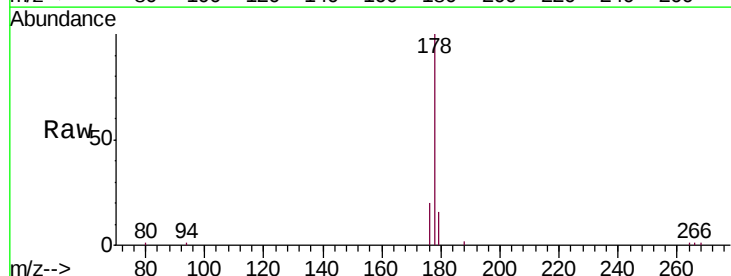
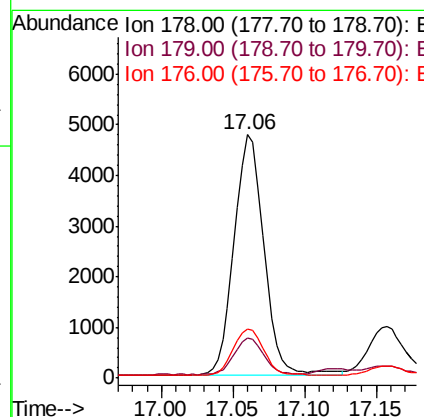
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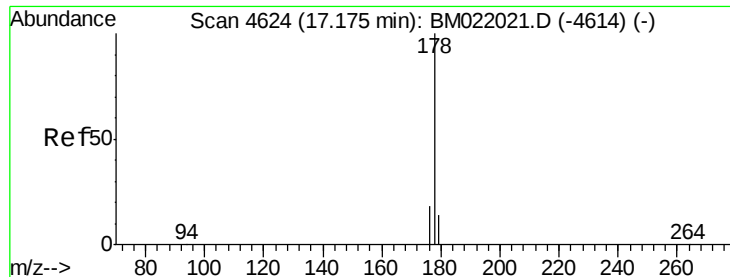
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#12
Phenanthrene
 Concen: 0.653 ng/ul
 RT: 17.06 min Scan# 4591
 Delta R.T. -0.03 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.2	21.2
176	20.4	16.8	25.2





#13

Anthracene

Concen: 0.184 ng/ul m

RT: 17.16 min Scan# 4619

Delta R.T. -0.03 min

Lab File: BM022034.D

Acq: 12 Aug 2019 16:30

Instrument :

BNA_M

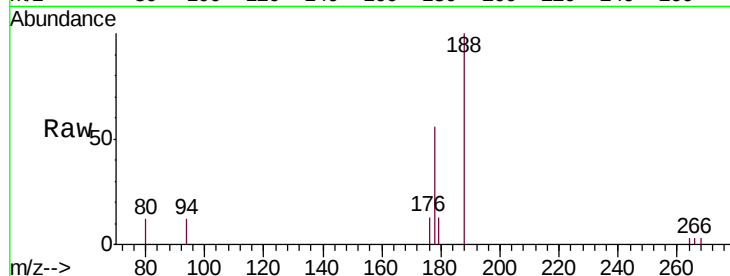
ClientSampleId :

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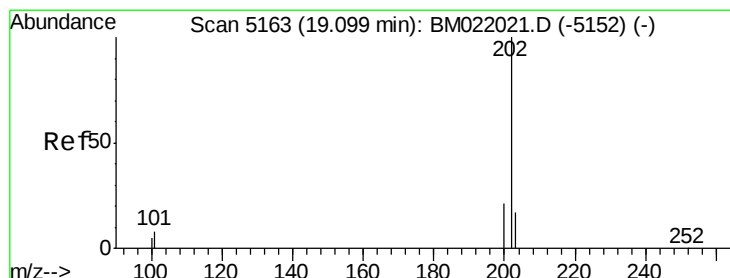
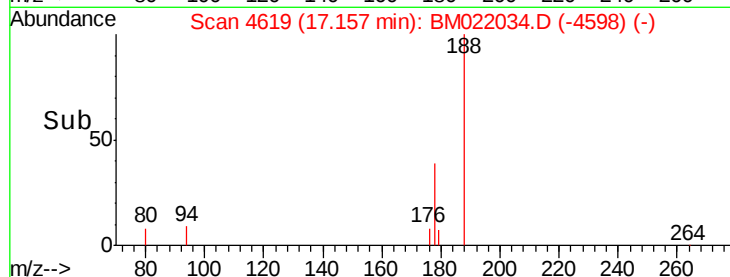
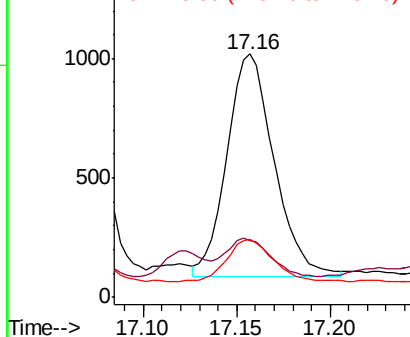
Tgt Ion:	178	Resp:	1638
Ion Ratio	Lower	Upper	
178	100		
179	23.3	15.5	23.3#
176	24.0	16.6	25.0

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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



#15

Fluoranthene

Concen: 1.102 ng/ul m

RT: 19.09 min Scan# 5160

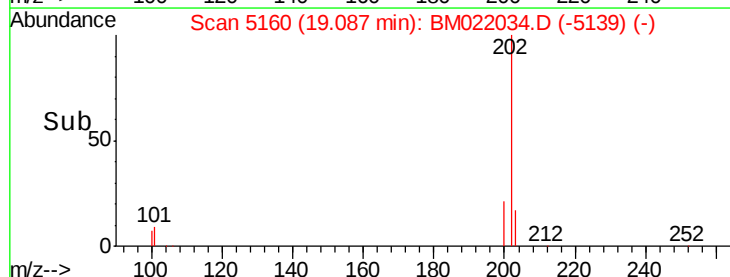
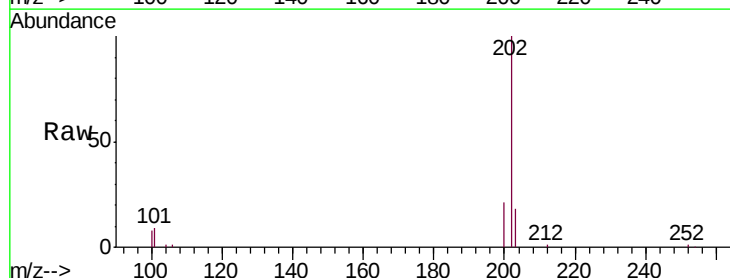
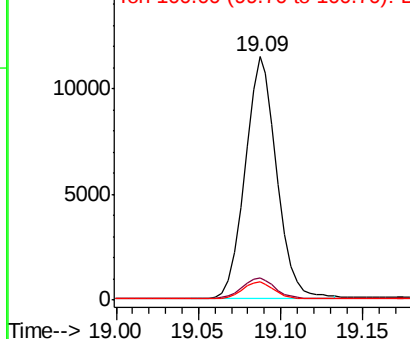
Delta R.T. -0.02 min

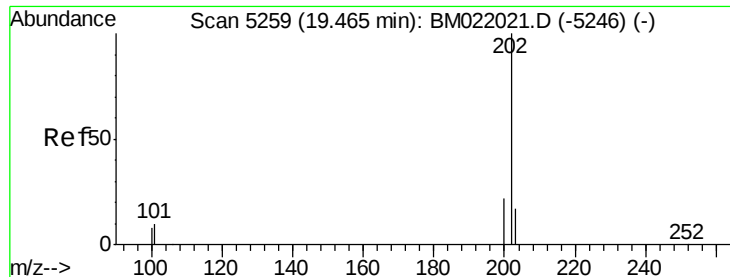
Lab File: BM022034.D

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Tgt Ion:	202	Resp:	15418
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.2
100	7.7	0.0	28.1

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





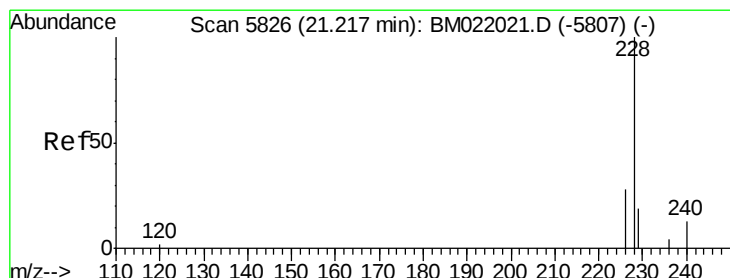
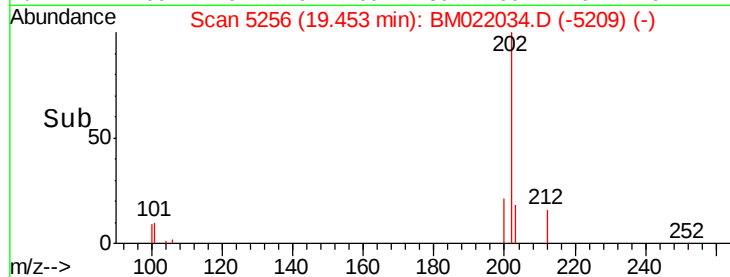
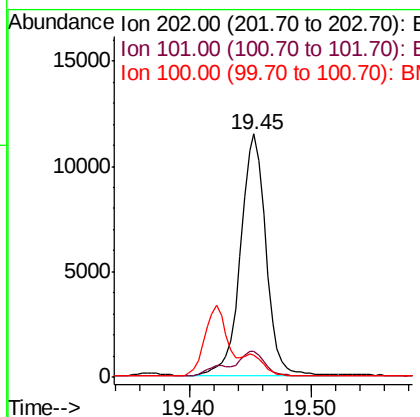
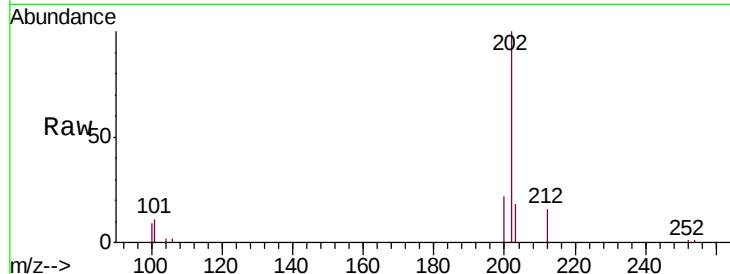
#17
 Pyrene
 Concen: 1.197 ng/ul
 RT: 19.45 min Scan# 5256
 Delta R.T. -0.02 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	202	Resp:	16479
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.3	12.5
100	9.2	7.2	10.8

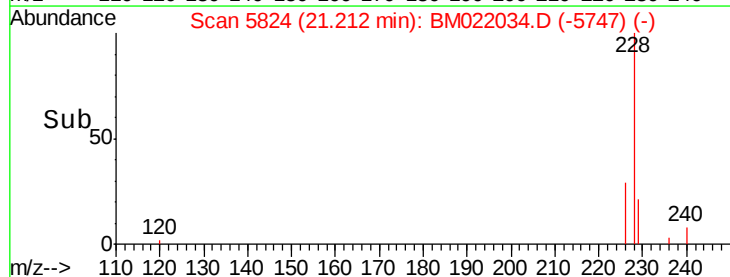
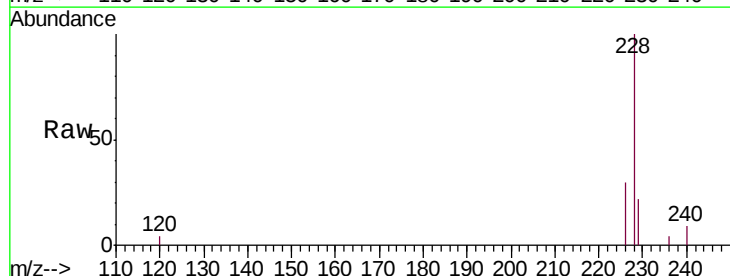
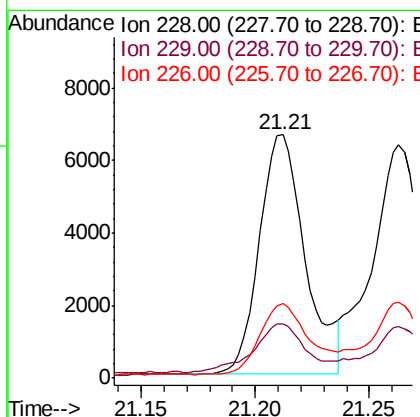
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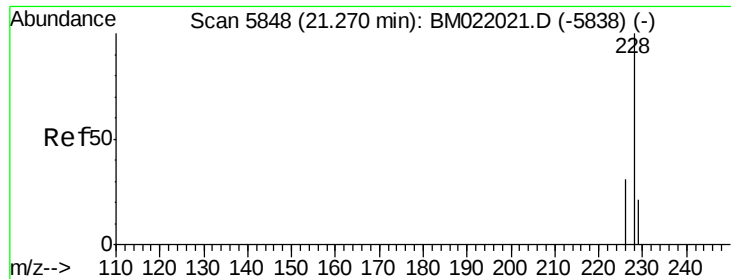
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#18
 Benzo(a)anthracene
 Concen: 0.766 ng/ul
 RT: 21.21 min Scan# 5824
 Delta R.T. -0.01 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Tgt Ion:	228	Resp:	9173
Ion Ratio	Lower	Upper	
228	100		
229	22.3	17.2	25.8
226	30.4	22.6	34.0





#19

Chrysene

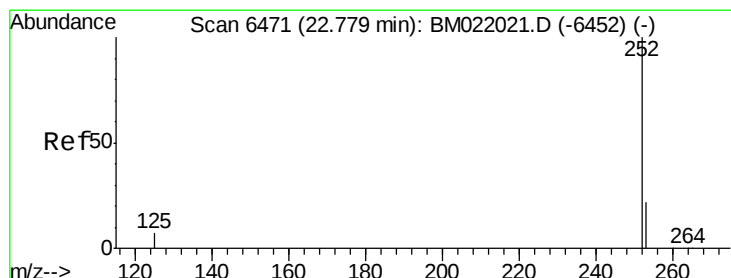
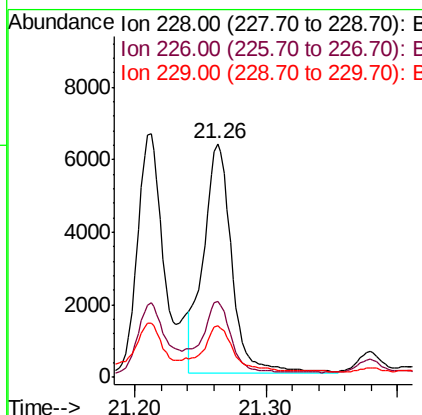
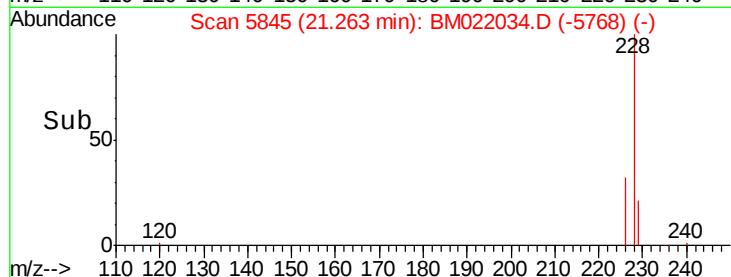
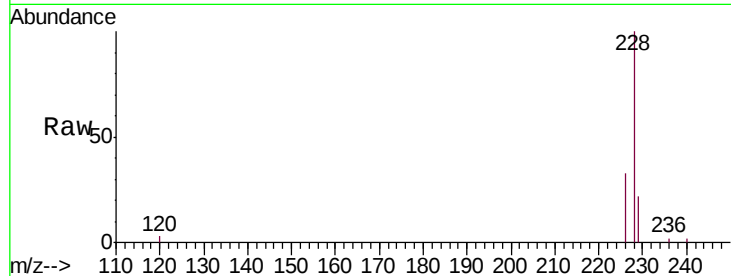
Concen: 0.614 ng/ul
 RT: 21.26 min Scan# 5845
 Delta R.T. -0.01 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Instrument :
 BNA_M
 ClientSampleId :
 BEP07DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	22.3	16.6	25.0

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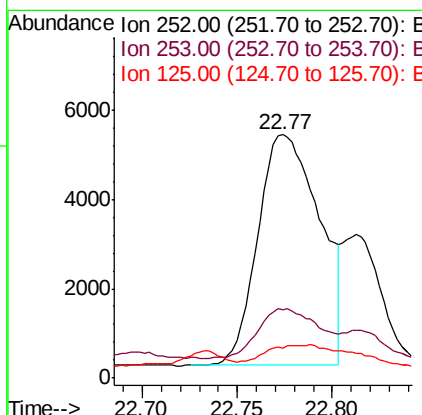
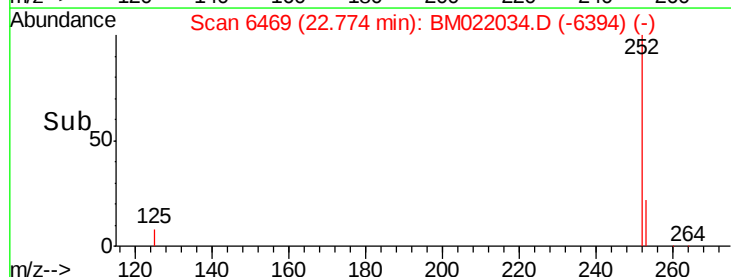
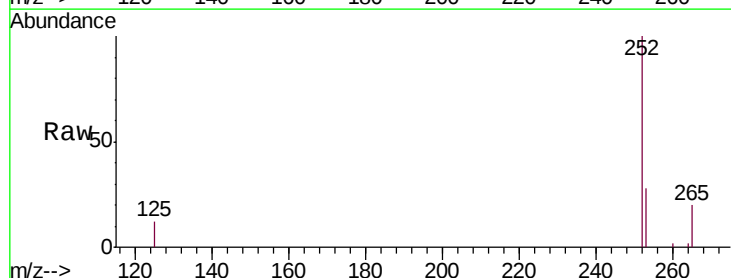


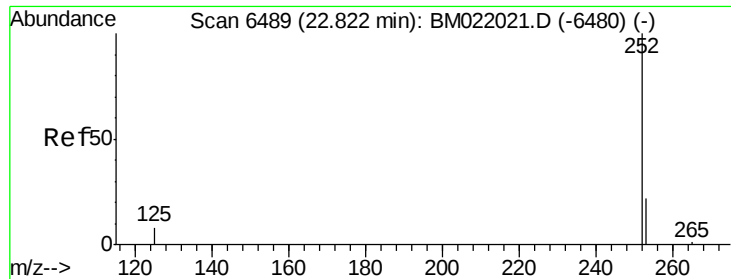
#21

Benzo(b)fluoranthene

Concen: 1.091 ng/ul m
 RT: 22.77 min Scan# 6469
 Delta R.T. -0.02 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	67.4
125	12.4	0.0	31.0





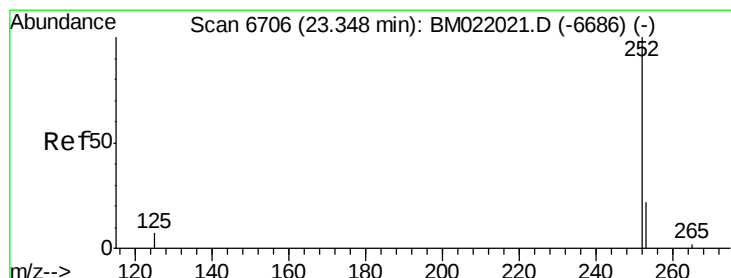
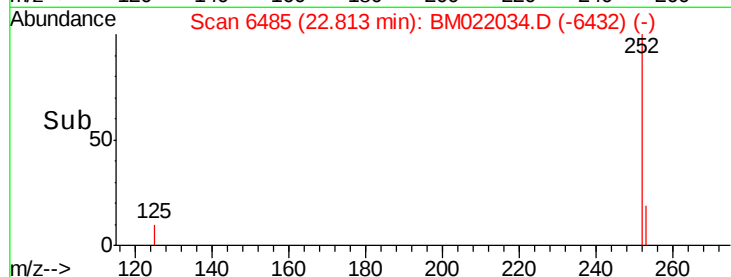
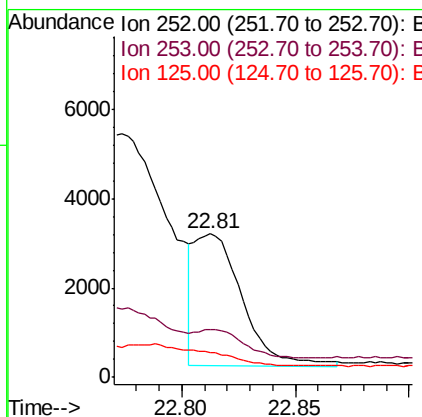
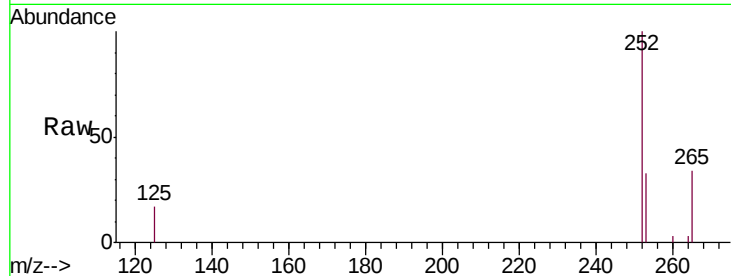
#22
Benzo(k)fluoranthene
Concen: 0.362 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022034.D
Acq: 12 Aug 2019 16:30

Instrument :
BNA_M
ClientSampleId :
BEP07DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	27.0	40.4
125	17.4	12.2	18.2

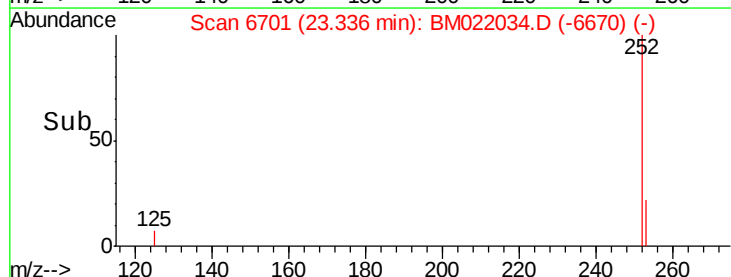
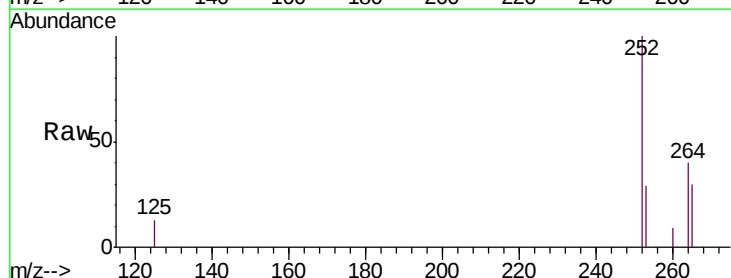
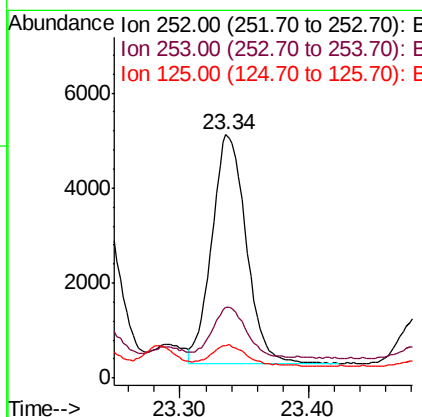
Manual Integrations
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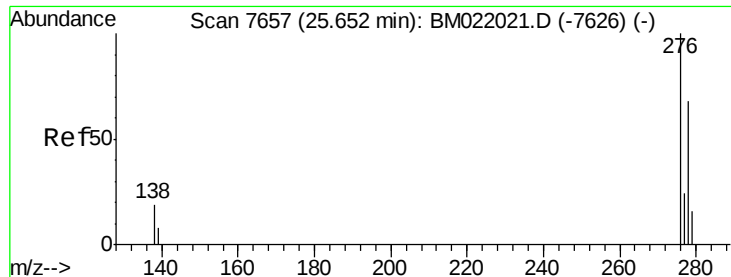
Sohil
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#23
Benzo(a)pyrene
Concen: 0.818 ng/ul
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022034.D
Acq: 12 Aug 2019 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	31.7	47.5#
125	13.2	14.6	21.8#





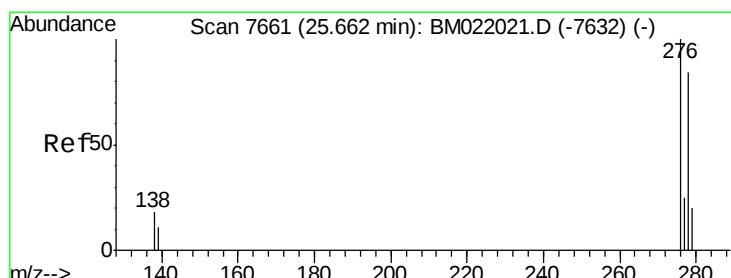
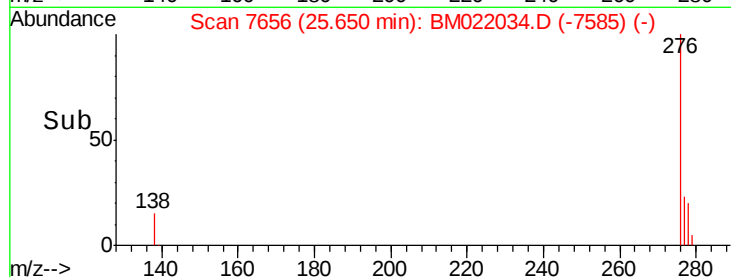
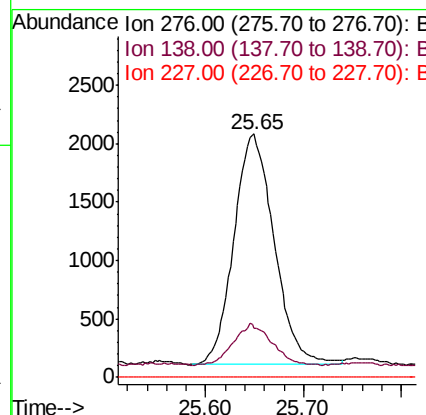
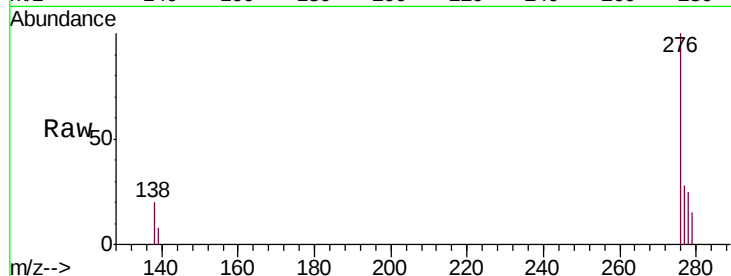
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.435 ng/u1
 RT: 25.65 min Scan# 7656
 Delta R.T. -0.03 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Instrument :
 BNA_M
 ClientSampleId :
 BEP07DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.1	22.7
227	0.0	0.0	0.0

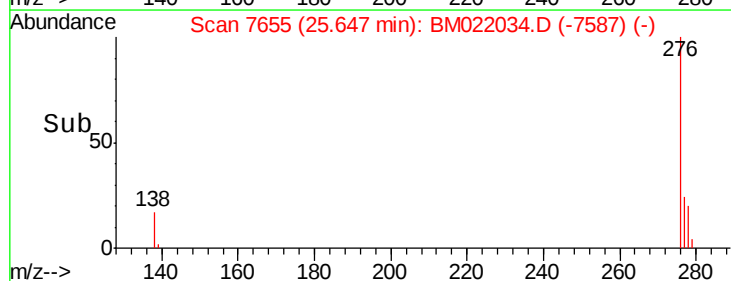
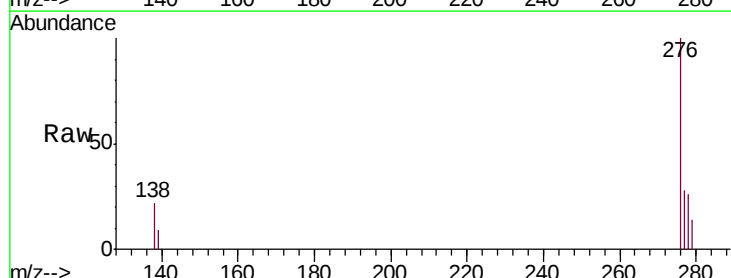
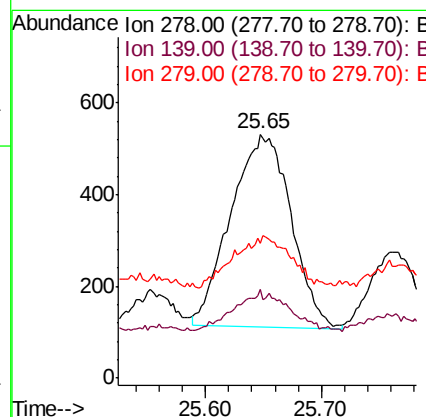
Manual Integrations
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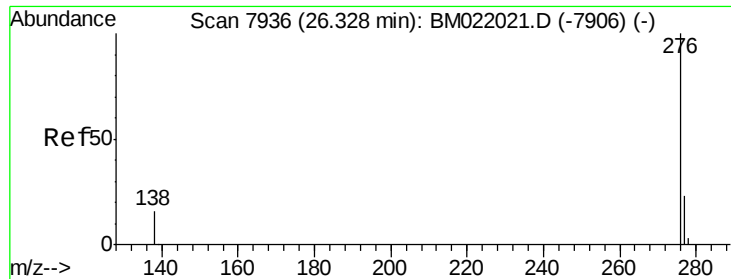
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.144 ng/u1
 RT: 25.65 min Scan# 7655
 Delta R.T. -0.03 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

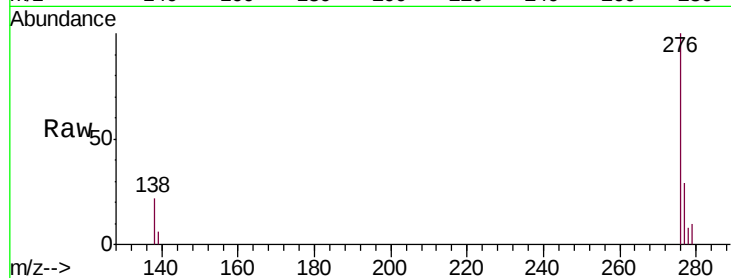
Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.5	14.2	21.2#
279	55.2	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.487 ng/ul
 RT: 26.33 min Scan# 7936
 Delta R.T. -0.03 min
 Lab File: BM022034.D
 Acq: 12 Aug 2019 16:30

Instrument :
 BNA_M
 ClientSampleId :
 BEP07DL



Tgt	Ion	276	Resp:	5715
	Ion	Ratio	Lower	Upper
	276	100		
	138	21.5	15.5	23.3
	277	28.8	21.4	32.2

Manual Integrations
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Sohil
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