

Data File : BM022032.D
Acq On : 12 Aug 2019 15:16
Operator : HP/JU
Sample : K3962-13DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP06DL

Manual Integrations
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Sohil
8/13/2019 9:57:09 AM

Quant Time: Aug 12 15:57:45 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	786	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3228	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1701	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3768	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3833	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4056	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	196	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	553	0.04	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	603	0.066	ng/ul#	78
5) 2-Methylnaphthalene	12.09	142	394	0.065	ng/ul	96
7) Acenaphthylene	13.99	152	1838	0.232	ng/ul#	84
8) Acenaphthene	14.33	153	991	0.153	ng/ul	94
9) Fluorene	15.32	166	1019	0.141	ng/ul#	94
12) Phenanthrene	17.06	178	22331	2.037	ng/ul	97
13) Anthracene	17.16	178	5235	0.560	ng/ul	97
15) Fluoranthene	19.09	202	43027	2.930	ng/ul	96
17) Pyrene	19.45	202	55343	3.514	ng/ul	98
18) Benzo(a)anthracene	21.21	228	31628	2.307	ng/ul	99
19) Chrysene	21.26	228	34329	1.947	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	34284m	2.507	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	12470m	0.806	ng/ul	
23) Benzo(a)pyrene	23.34	252	28542	2.052	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.64	276	16260	0.979	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.64	278	4951	0.369	ng/ul	93
26) Benzo(g,h,i)perylene	26.32	276	17284	1.156	ng/ul	98

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

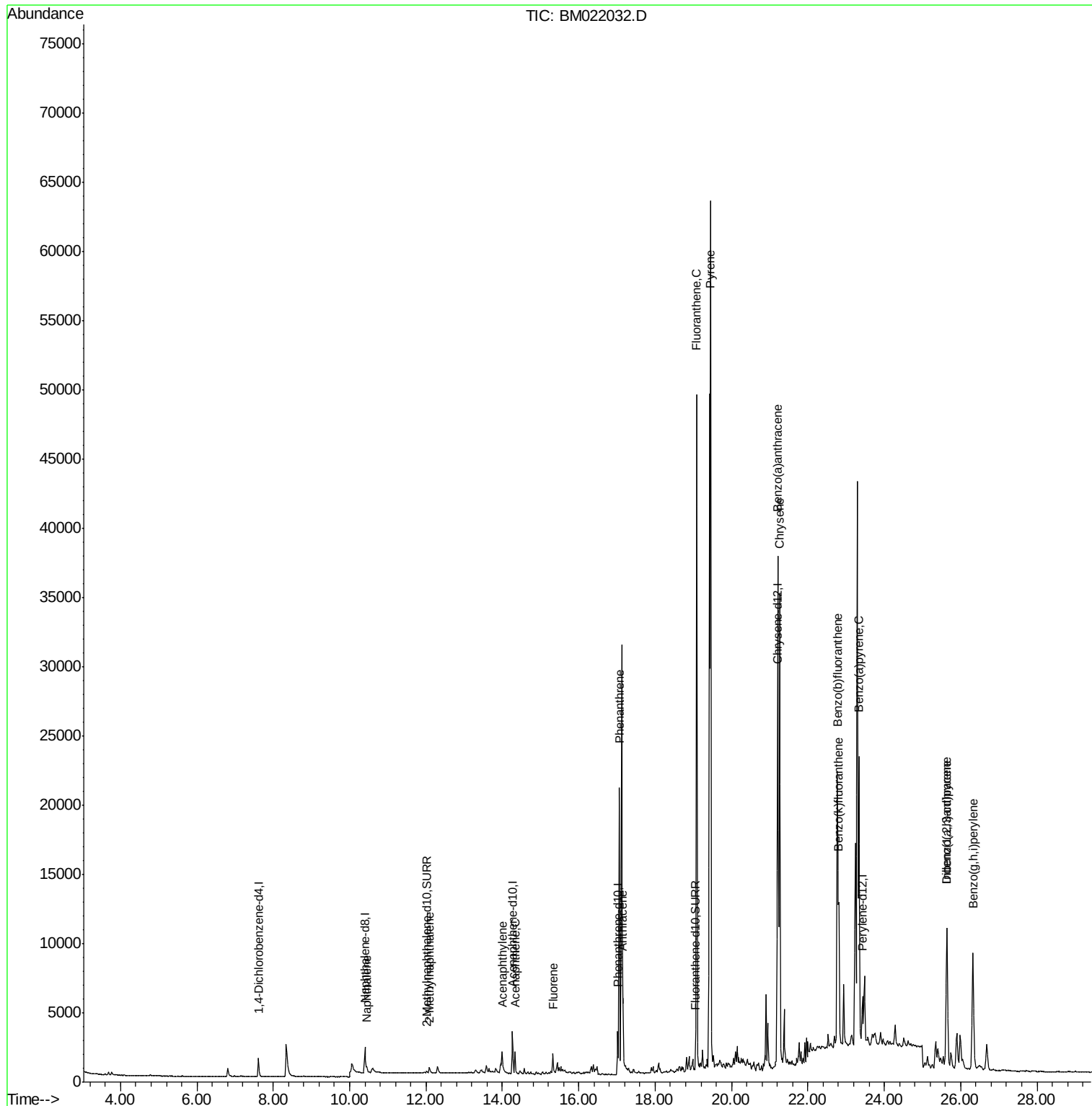
Data File : BM022032.D
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ALS Vial : 13 Sample Multiplier: 1

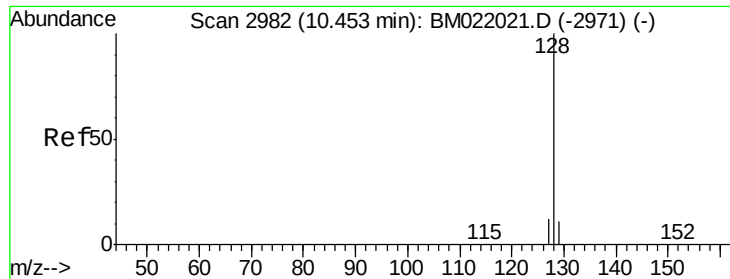
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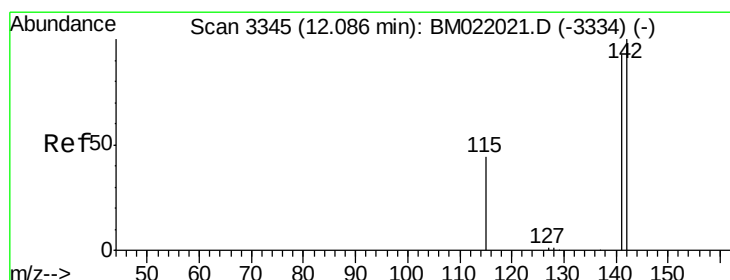
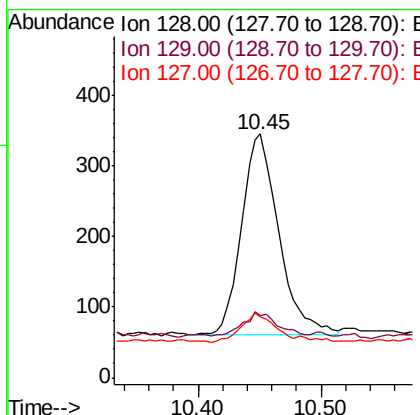
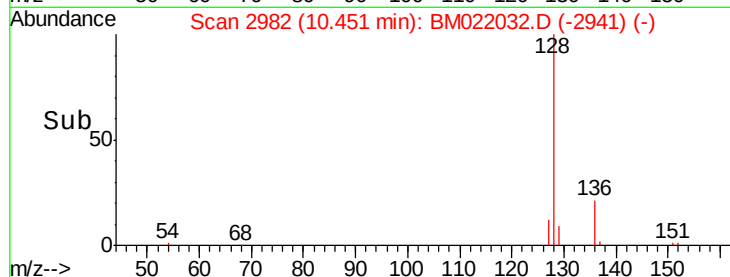
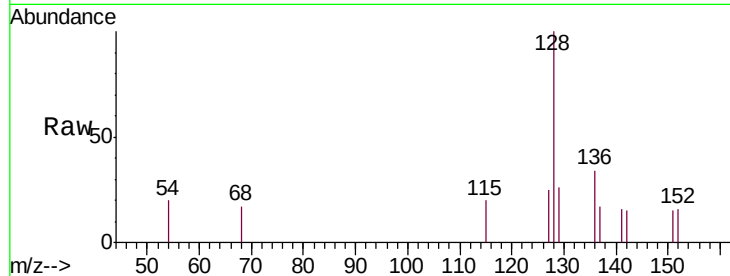
#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.45 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM022032.D
Acq: 12 Aug 2019 15:16

Instrument :
BNA_M
ClientSampleId :
BEP06DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	25.5	12.3	18.5#
127	24.9	13.0	19.6#

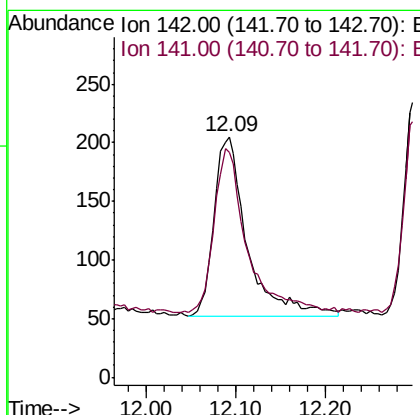
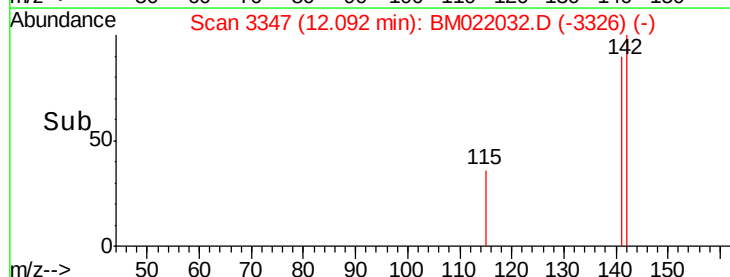
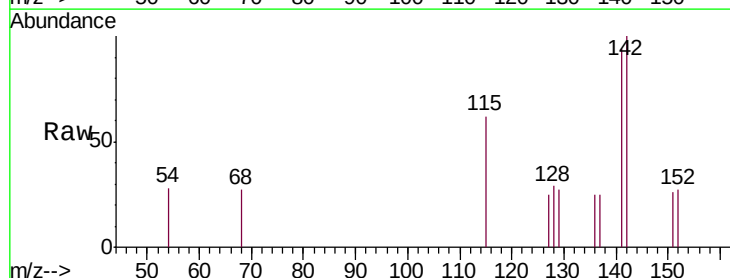
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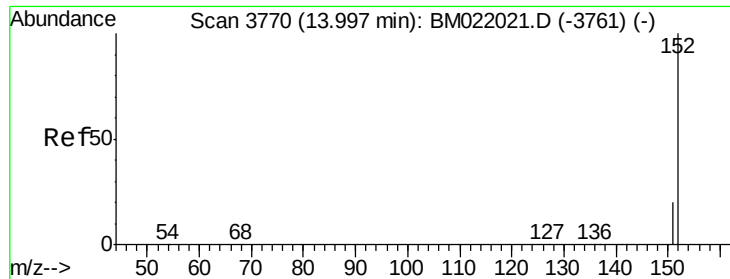
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#5
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM022032.D
Acq: 12 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.3	111.5





#7

Acenaphthylene

Concen: 0.232 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022032.D

Acq: 12 Aug 2019 15:16

Instrument :

BNA_M

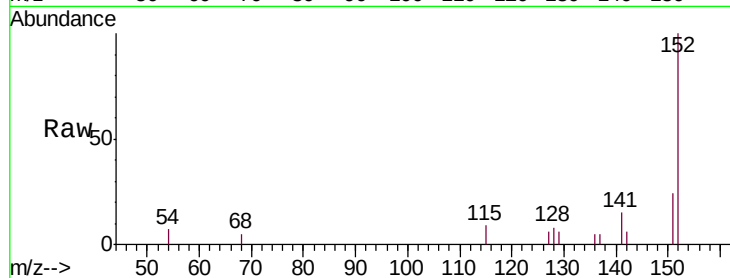
ClientSampled :

BEP06DL

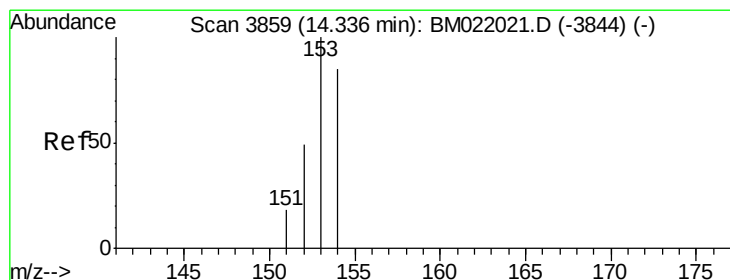
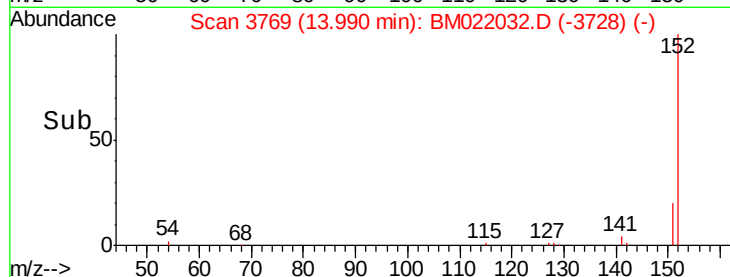
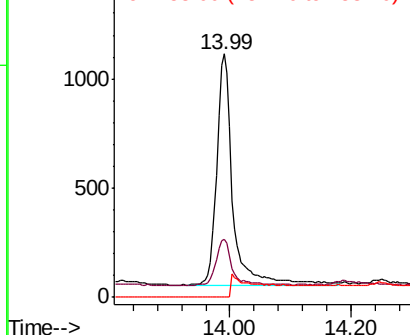
Tgt Ion:	152	Resp:	1838
Ion Ratio	Lower	Upper	
152	100		
151	23.7	18.3	27.5
153	0.0	12.8	19.2#

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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: 0.153 ng/ul

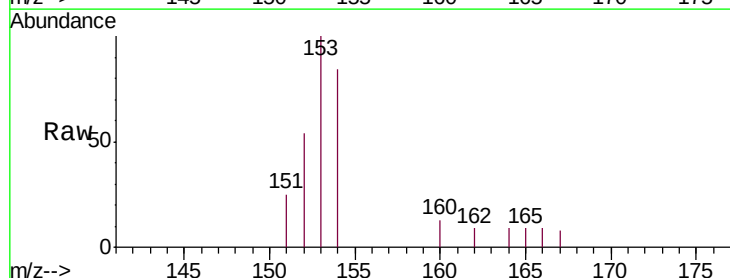
RT: 14.33 min Scan# 3858

Delta R.T. -0.02 min

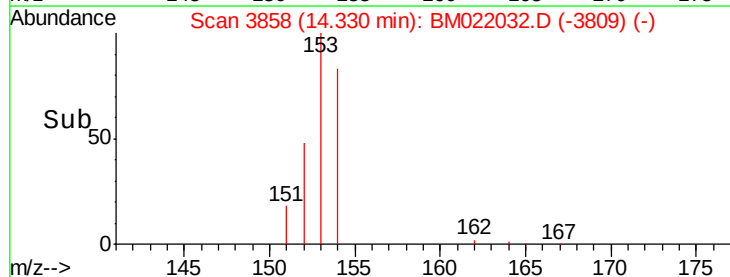
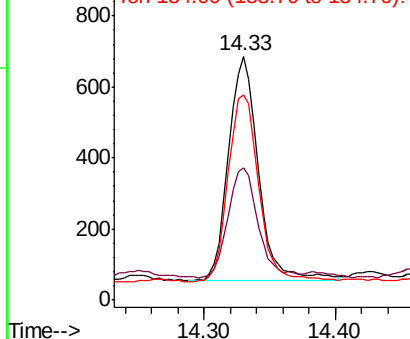
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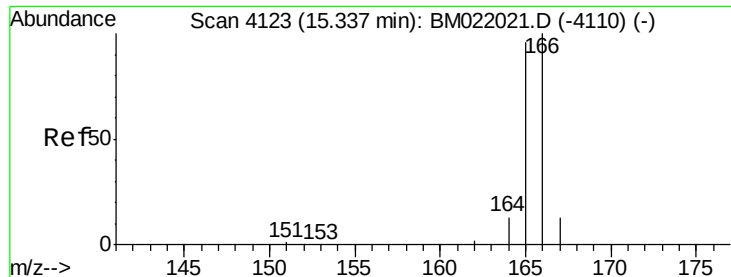
Acq: 12 Aug 2019 15:16

Tgt Ion:	153	Resp:	991
Ion Ratio	Lower	Upper	
153	100		
152	54.4	41.3	61.9
154	84.1	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





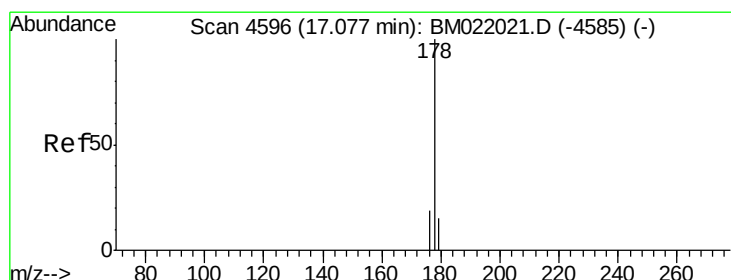
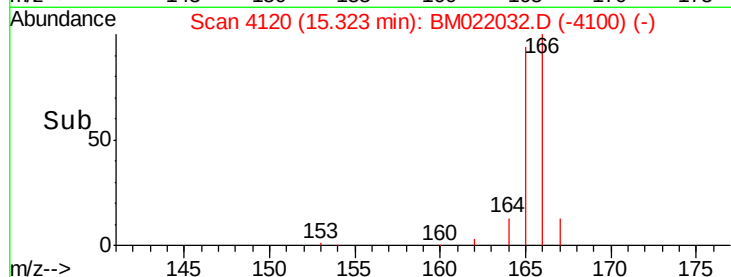
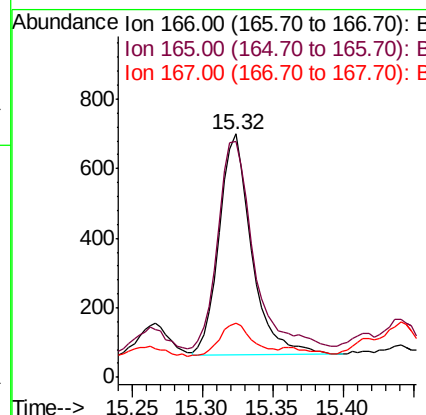
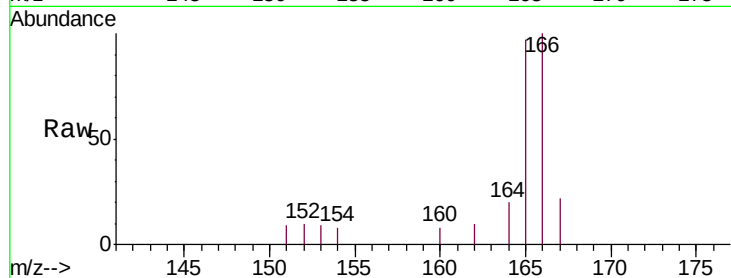
#9
Fluorene
 Concen: 0.141 ng/ul
 RT: 15.32 min Scan# 4120
 Delta R.T. -0.02 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 BEP06DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	81.4	122.0
167	22.1	13.7	20.5

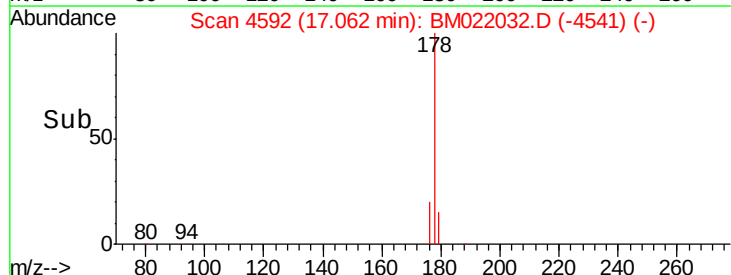
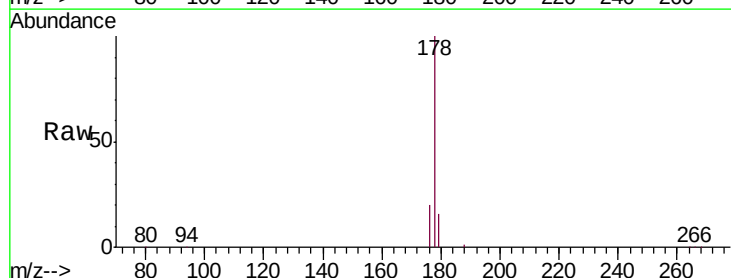
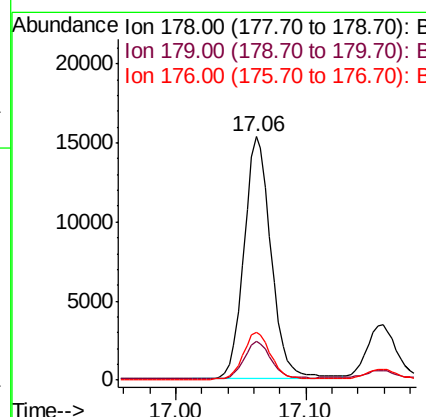
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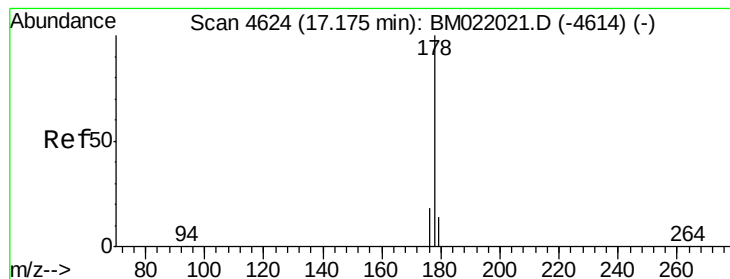
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#12
Phenanthrene
 Concen: 2.037 ng/ul
 RT: 17.06 min Scan# 4592
 Delta R.T. -0.02 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2





#13

Anthracene

Concen: 0.560 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. -0.02 min

Lab File: BM022032.D

Acq: 12 Aug 2019 15:16

Instrument :

BNA_M

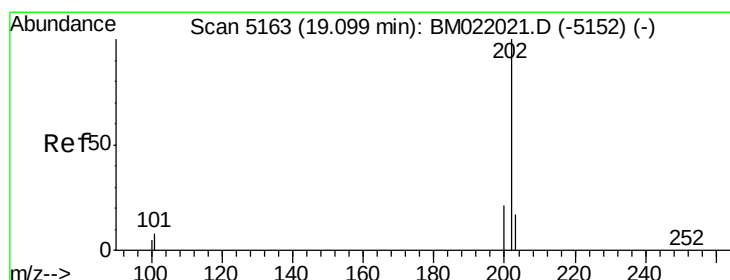
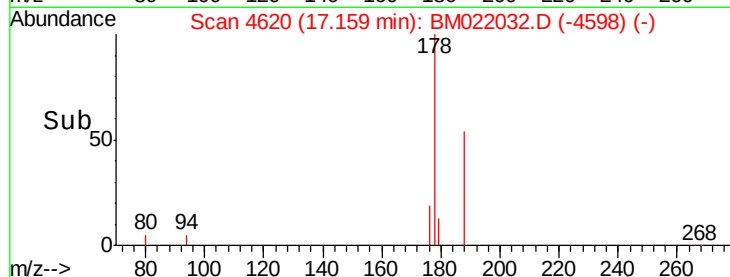
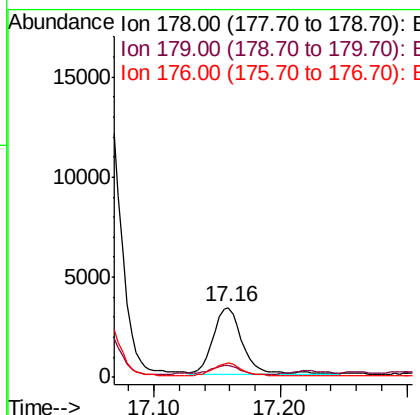
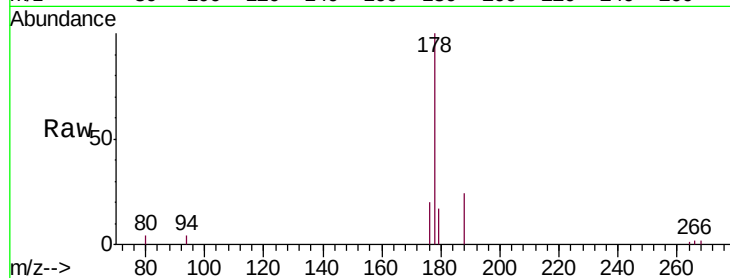
ClientSampleId :

BEP06DL

Tgt Ion:	178	Resp:	5235
Ion Ratio	Lower	Upper	
178	100		
179	17.2	15.5	23.3
176	19.9	16.6	25.0

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#15

Fluoranthene

Concen: 2.930 ng/ul

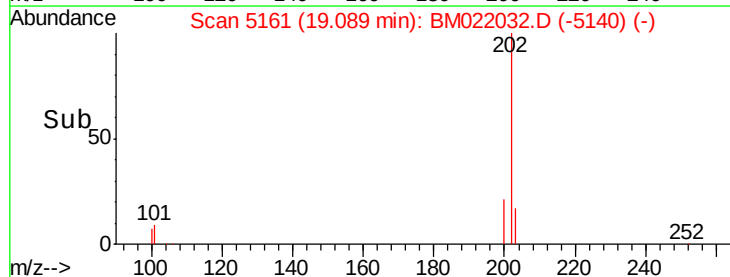
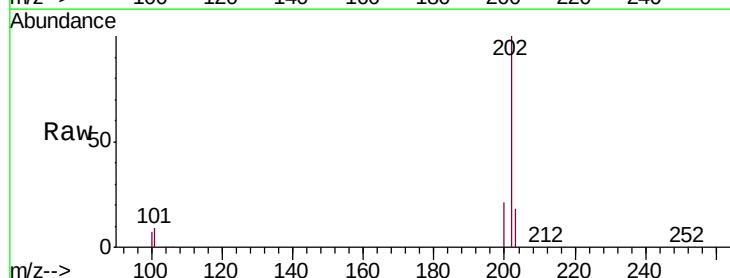
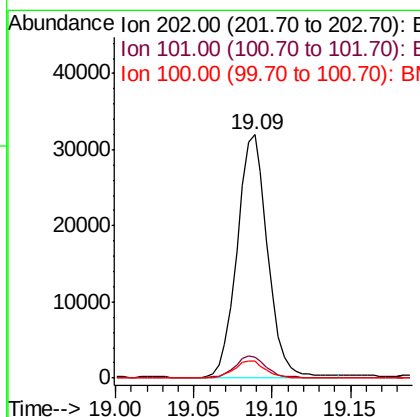
RT: 19.09 min Scan# 5161

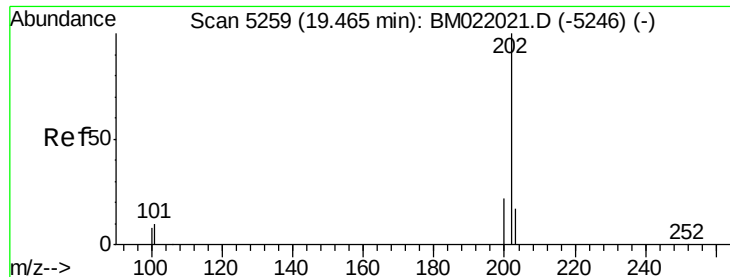
Delta R.T. -0.02 min

Lab File: BM022032.D

Acq: 12 Aug 2019 15:16

Tgt Ion:	202	Resp:	43027
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	30.2
100	6.9	0.0	28.1





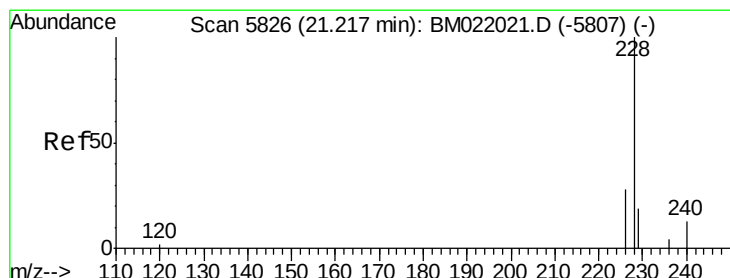
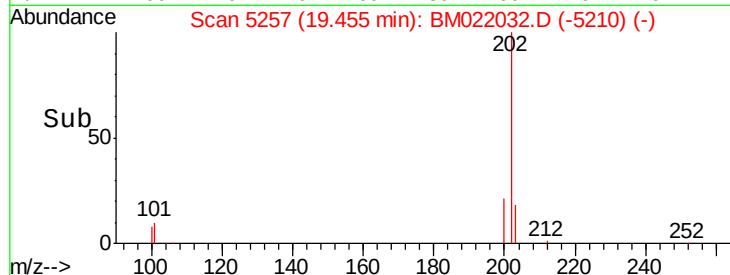
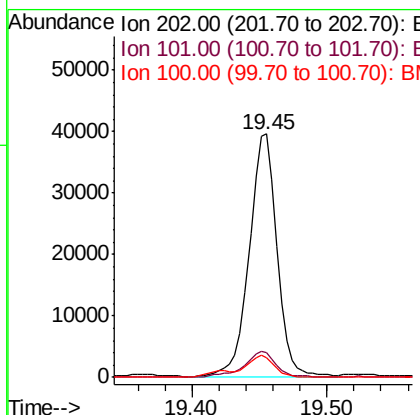
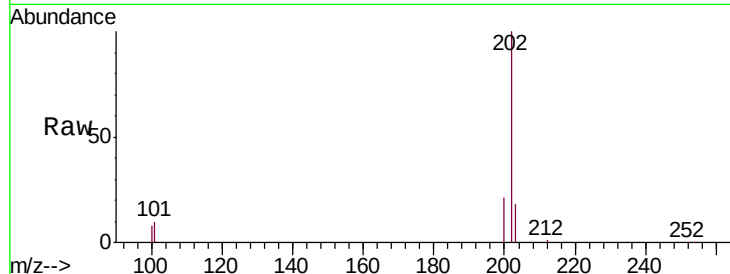
#17
Pyrene
 Concen: 3.514 ng/ul
 RT: 19.45 min Scan# 5257
 Delta R.T. -0.02 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Instrument :
 BNA_M
 ClientSampled :
 BEP06DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	8.3	12.5
100	8.1	7.2	10.8

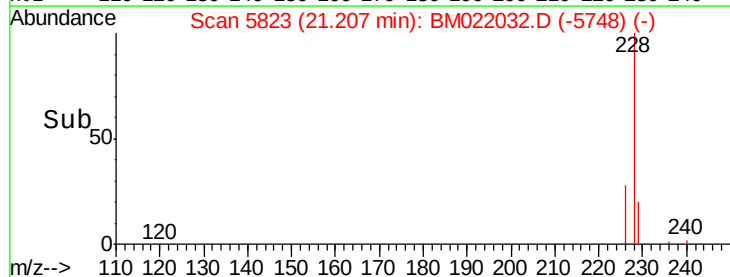
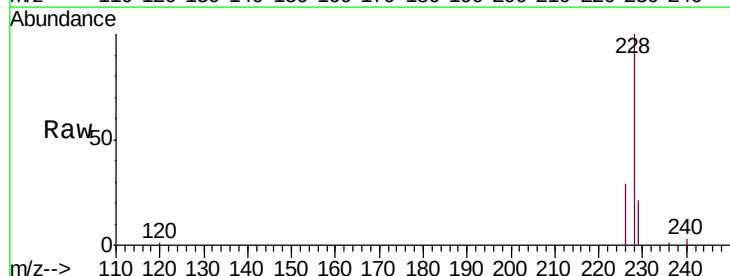
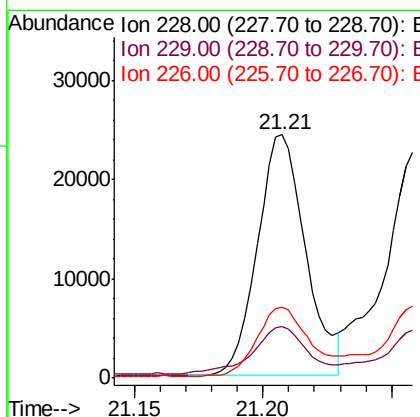
Manual Integrations
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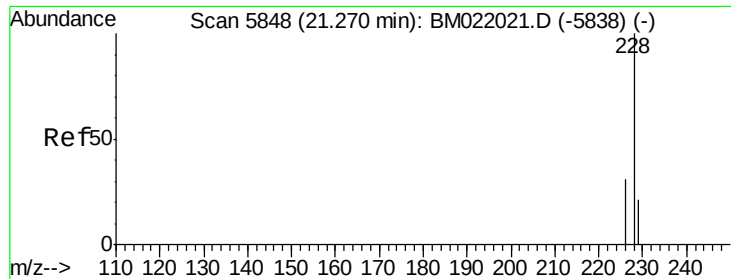
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#18
Benzo(a)anthracene
 Concen: 2.307 ng/ul
 RT: 21.21 min Scan# 5823
 Delta R.T. -0.02 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	17.2	25.8
226	29.1	22.6	34.0





#19

Chrysene

Concen: 1.947 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.02 min

Lab File: BM022032.D

Acq: 12 Aug 2019 15:16

Instrument :

BNA_M

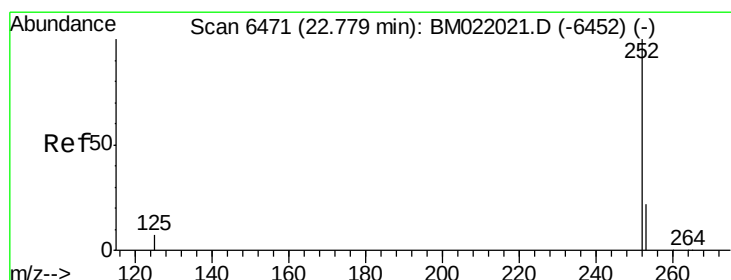
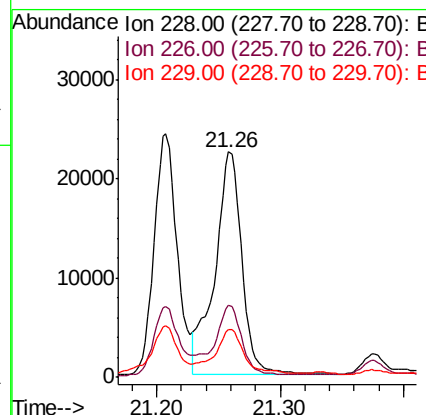
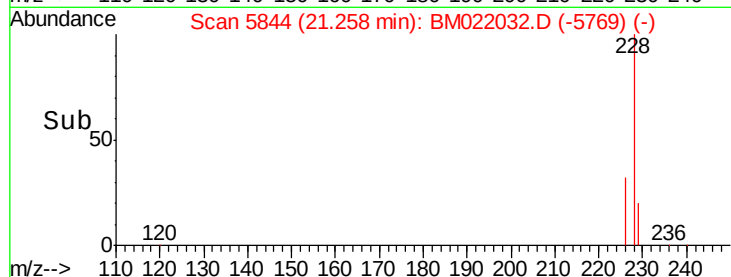
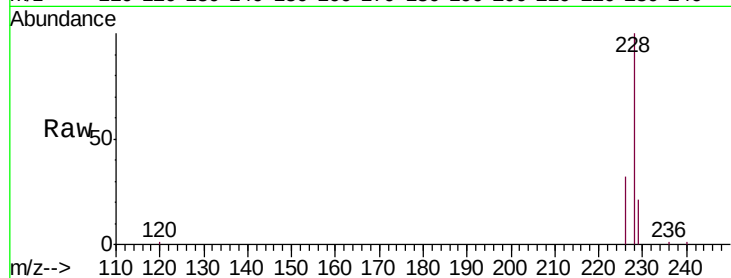
ClientSampleId :

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Tgt Ion:	228	Resp:	34329
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.507 ng/ul m

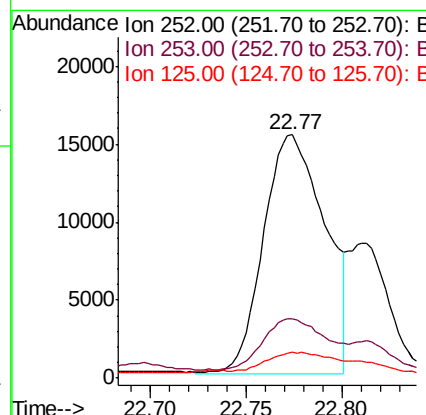
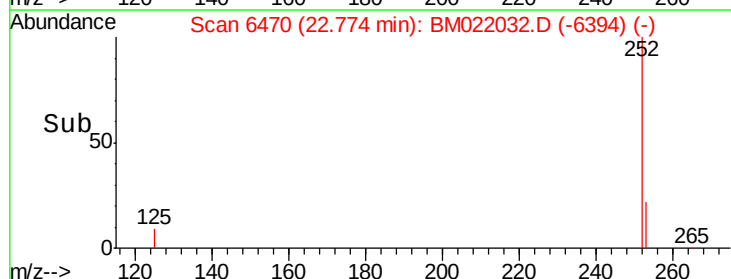
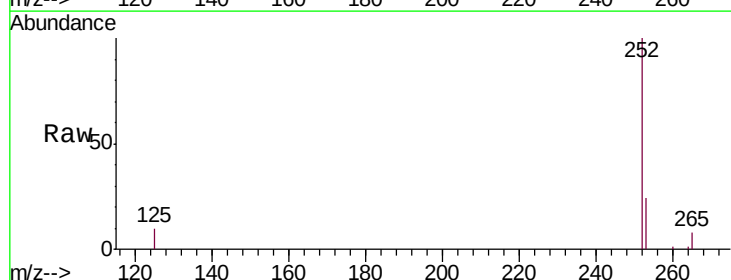
RT: 22.77 min Scan# 6470

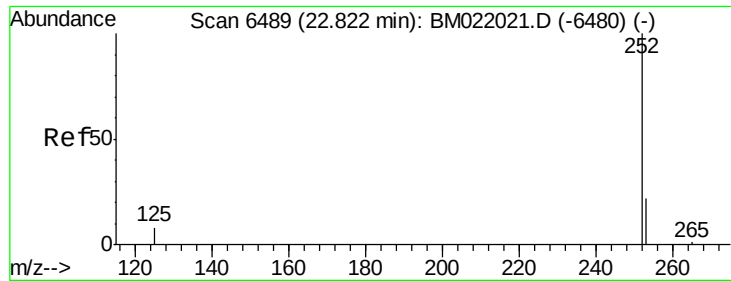
Delta R.T. -0.02 min

Lab File: BM022032.D

Acq: 12 Aug 2019 15:16

Tgt Ion:	252	Resp:	34284
Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	67.4
125	10.4	0.0	31.0





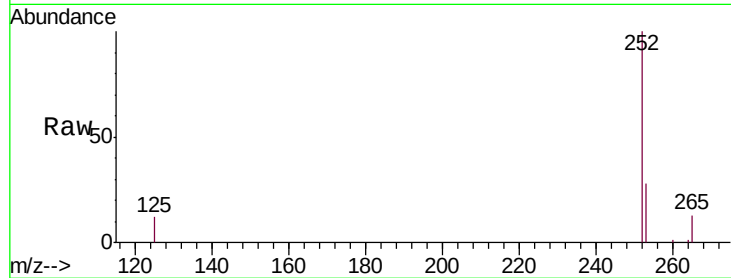
#22
Benzo(k)fluoranthene
Concen: 0.806 ng/ul m
RT: 22.81 min Scan# 6486
Delta R.T. -0.02 min
Lab File: BM022032.D
Acq: 12 Aug 2019 15:16

Instrument :
BNA_M
ClientSampleId :
BEP06DL

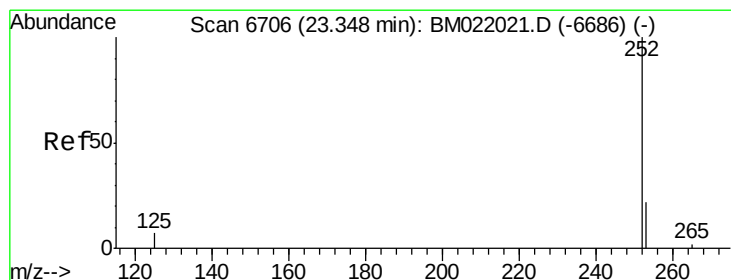
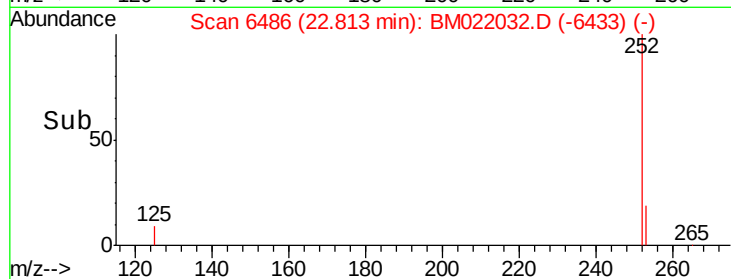
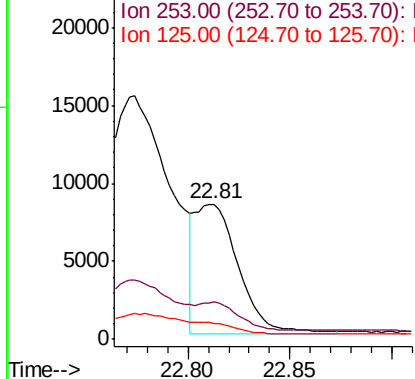
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	27.0	40.4
125	12.0	12.2	18.2#

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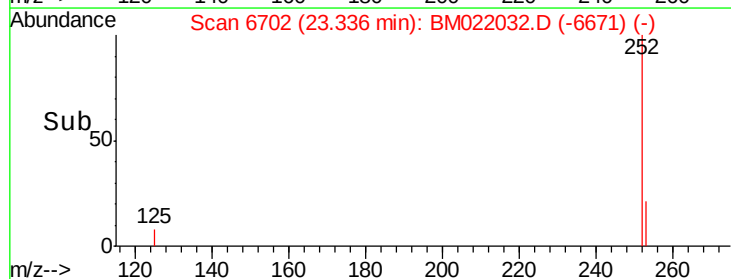
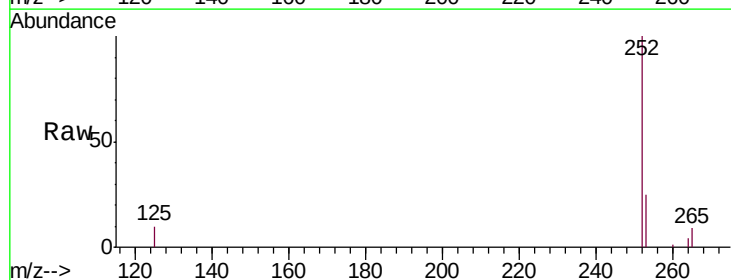
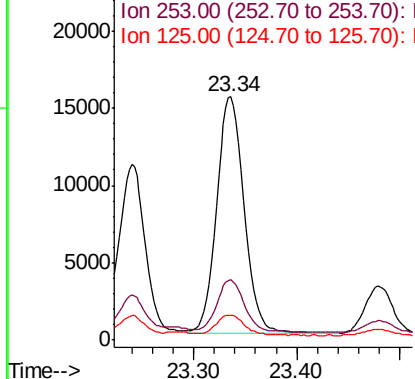
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

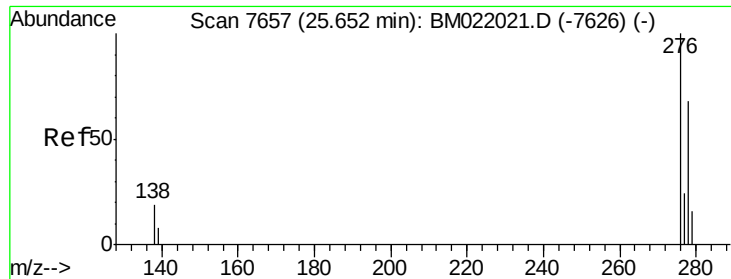


#23
Benzo(a)pyrene
Concen: 2.052 ng/ul
RT: 23.34 min Scan# 6702
Delta R.T. -0.02 min
Lab File: BM022032.D
Acq: 12 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	31.7	47.5#
125	10.4	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





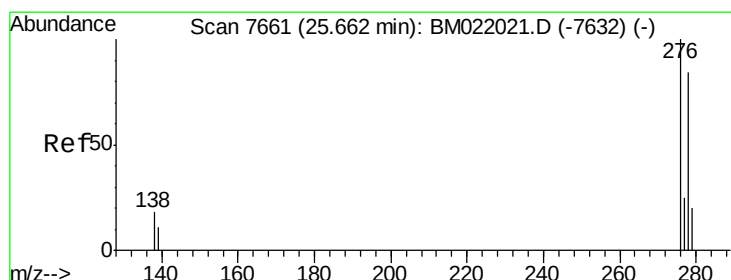
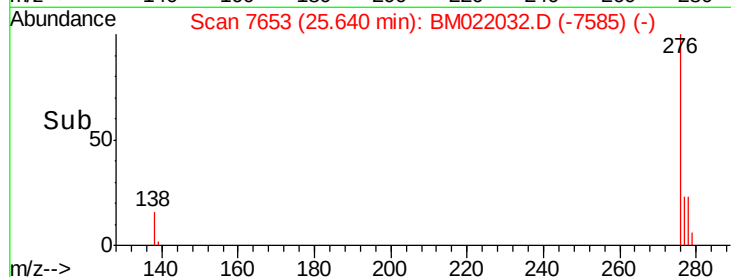
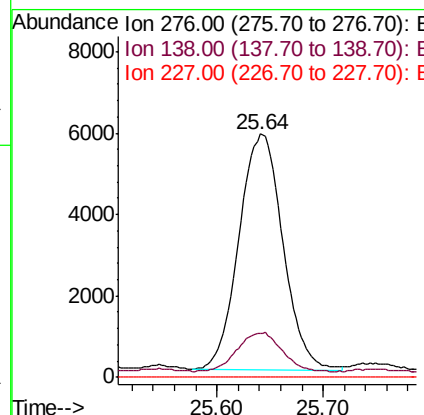
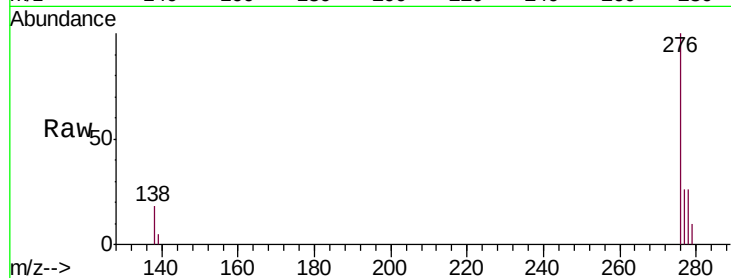
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.979 ng/ul
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.04 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 BEP06DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.1	22.7
227	0.0	0.0	0.0

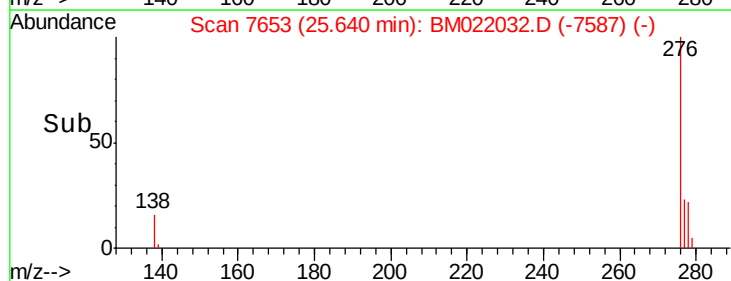
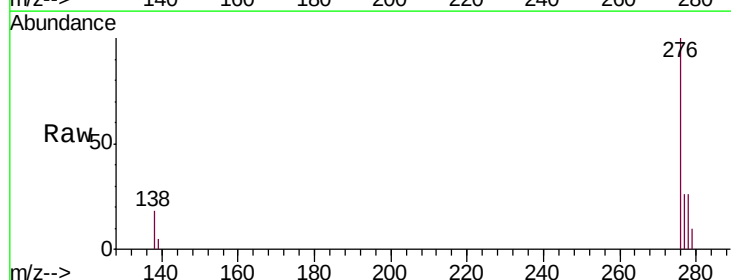
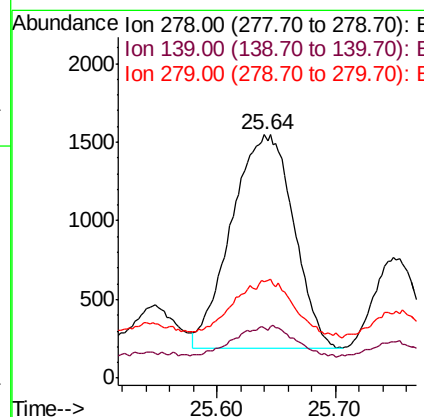
Manual Integrations
 APPROVED

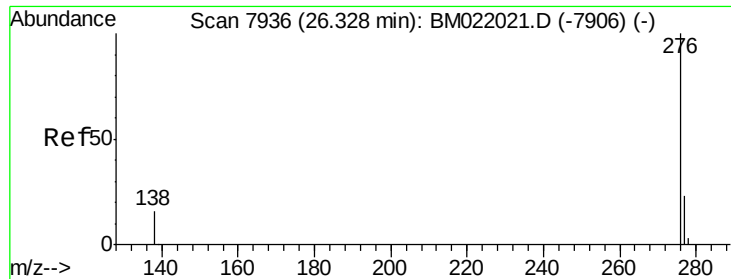
Sohil
 8/13/2019 9:57:09 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.369 ng/ul
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.04 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.2	21.2
279	39.4	28.3	42.5





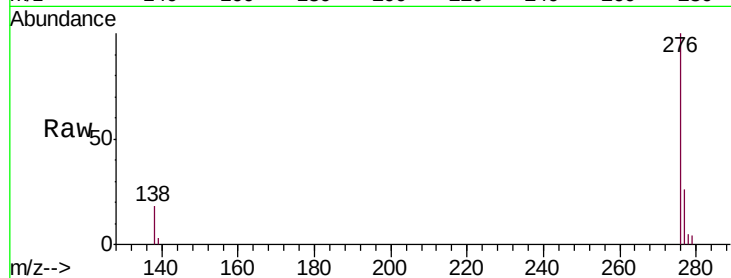
#26
 Benzo(g,h,i)perylene
 Concen: 1.156 ng/ul
 RT: 26.32 min Scan# 7934
 Delta R.T. -0.04 min
 Lab File: BM022032.D
 Acq: 12 Aug 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 BEP06DL

Tgt Ion:	276	Resp:	17284
Ion Ratio	Lower	Upper	
276	100		
138	18.5	15.5	23.3
277	26.2	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:57:09 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 8000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

