

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021909.D
 Acq On : 07 Aug 2019 23:08
 Operator : HP/JU
 Sample : K3893-05DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP11DL

Manual Integrations
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mohammad
 8/9/2019 6:11:00 AM

Quant Time: Aug 08 05:45:08 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 : Thu Aug 08 04:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	867	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3788	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2212	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5087	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	5091	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5623m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	342	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	967	0.06	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	493	0.046	ng/ul#	74
5) 2-Methylnaphthalene	12.10	142	259	0.036	ng/ul	95
7) Acenaphthylene	14.00	152	2075	0.201	ng/ul#	84
8) Acenaphthene	14.34	153	1211	0.143	ng/ul	97
9) Fluorene	15.34	166	1437	0.153	ng/ul	99
12) Phenanthrene	17.08	178	35632	2.407	ng/ul	96
13) Anthracene	17.17	178	6253	0.495	ng/ul	97
15) Fluoranthene	19.10	202	112518	5.675	ng/ul	96
17) Pyrene	19.46	202	99794	4.770	ng/ul	99
18) Benzo(a)anthracene	21.22	228	49107	2.697	ng/ul	99
19) Chrysene	21.27	228	61579	2.629	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	83365m	4.397	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	32323m	1.506	ng/ul	
23) Benzo(a)pyrene	23.35	252	53633	2.781	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.66	276	42215	1.833	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	9797	0.526	ng/ul	97
26) Benzo(a,h,i)perylene	26.34	276	37580	1.813	ng/ul	96

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

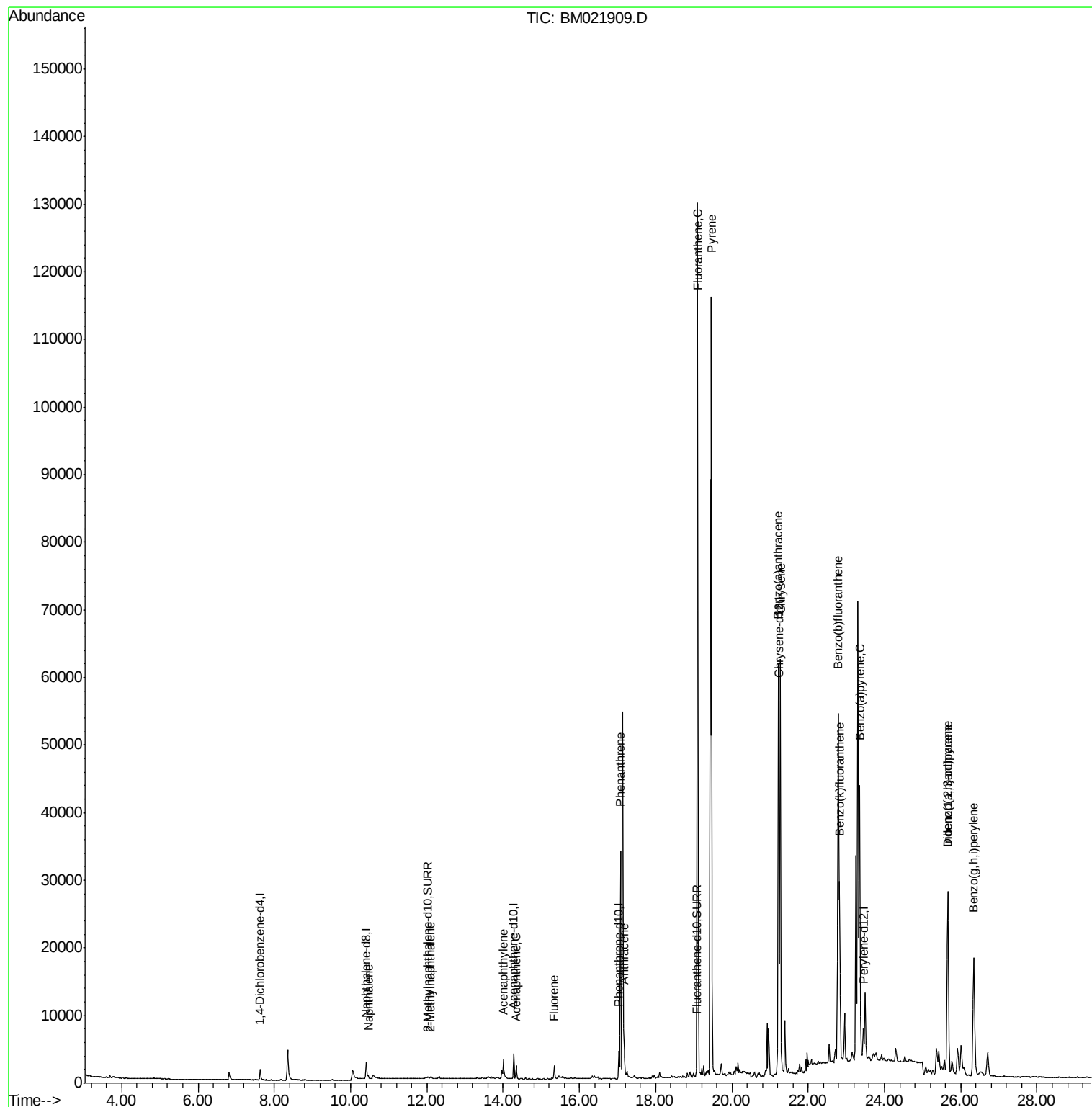
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 19 Sample Multiplier: 1

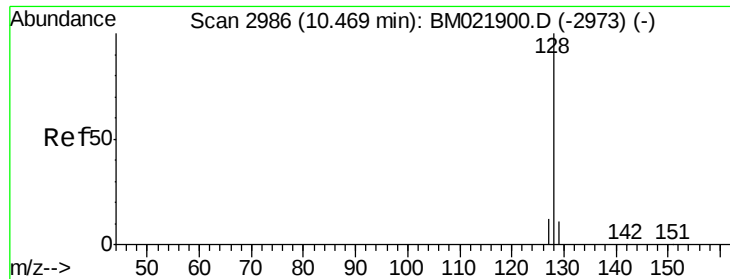
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.46 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Instrument :

BNA_M

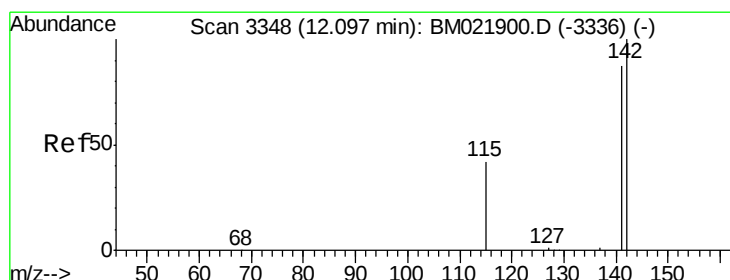
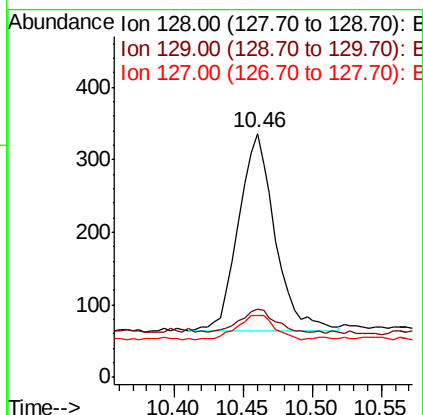
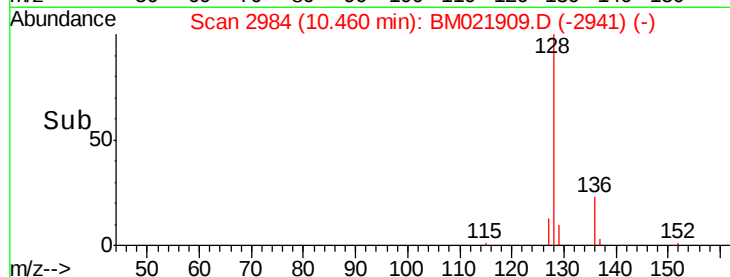
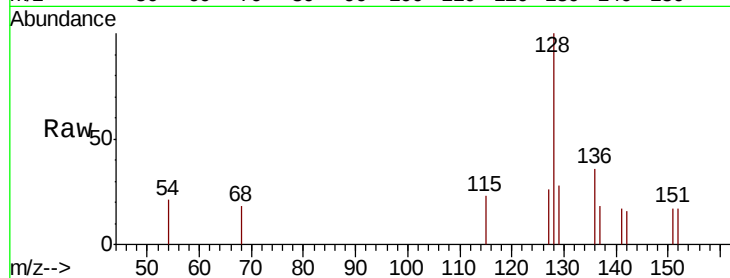
ClientSampleId :

BEP11DL

Tot Ion:	128	Resp:	493
Ion Ratio	Lower	Upper	
128	100		
129	28.0	12.3	18.5#
127	25.6	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

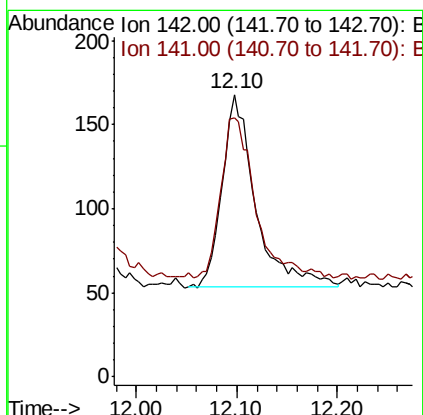
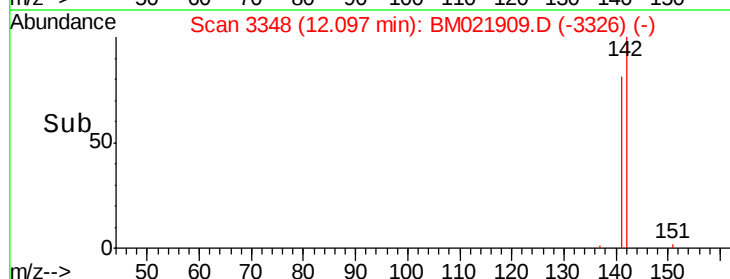
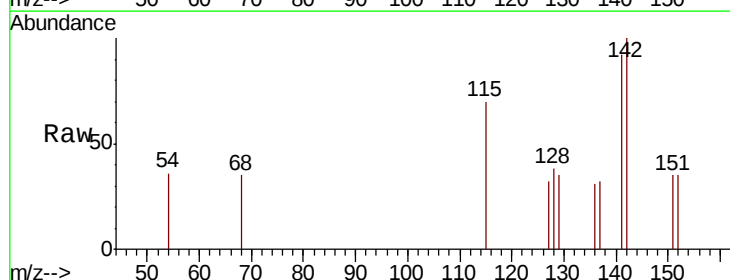
RT: 12.10 min Scan# 3348

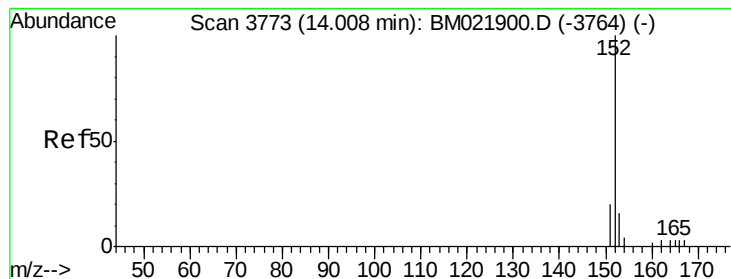
Delta R.T. 0.00 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Tgt Ion:	142	Resp:	259
Ion Ratio	Lower	Upper	
142	100		
141	88.0	74.3	111.5





#7

Acenaphthylene

Concen: 0.201 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Instrument :

BNA_M

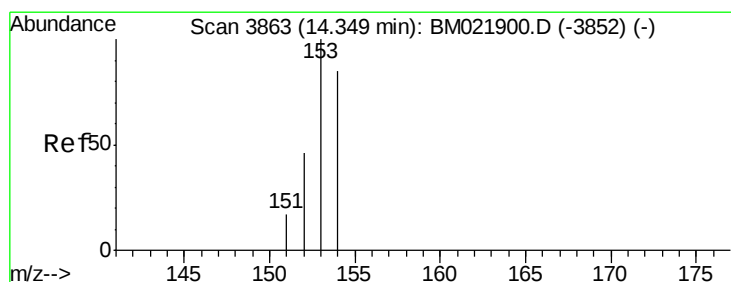
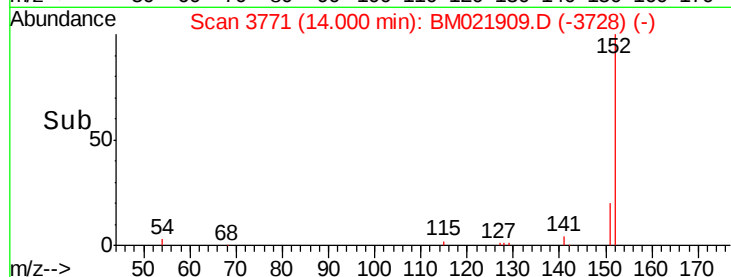
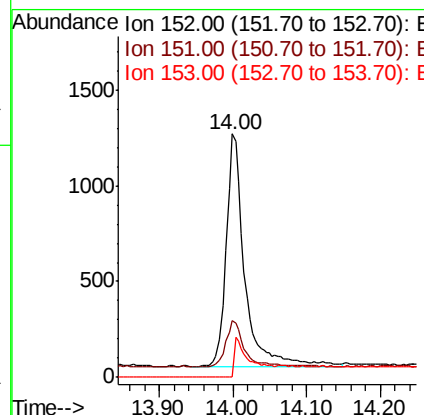
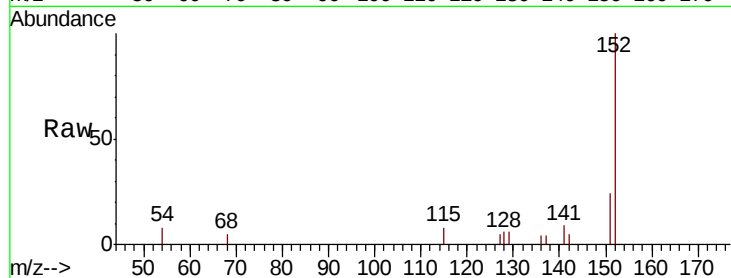
ClientSampleId :

BEP11DL

Tot Ion:	152	Resp:	2075
Ion Ratio	Lower	Upper	
152	100		
151	23.5	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.143 ng/ul

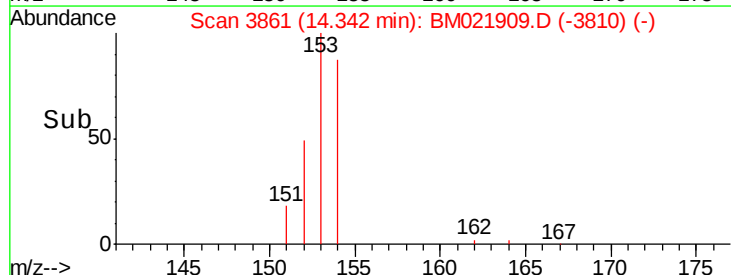
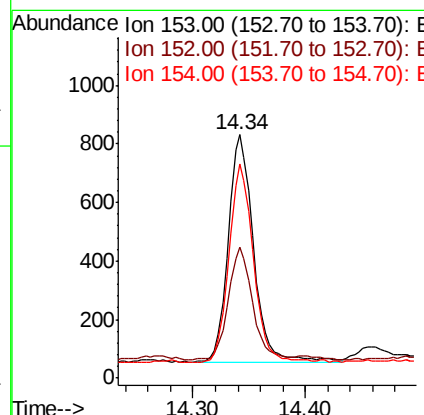
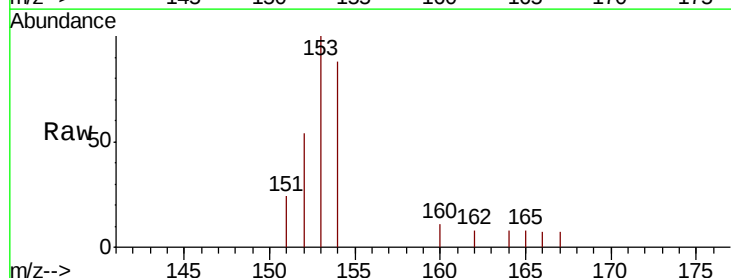
RT: 14.34 min Scan# 3861

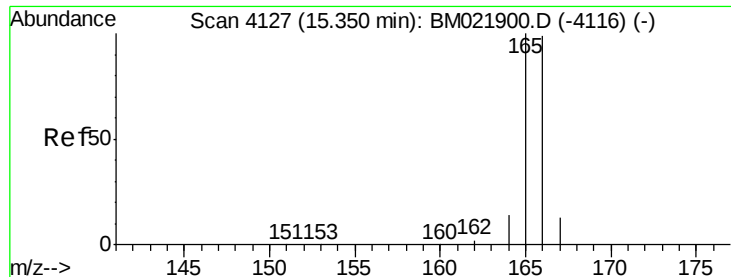
Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Tgt Ion:	153	Resp:	1211
Ion Ratio	Lower	Upper	
153	100		
152	53.6	41.3	61.9
154	87.7	72.3	108.5





#9

Fluorene

Concen: 0.153 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Instrument :

BNA_M

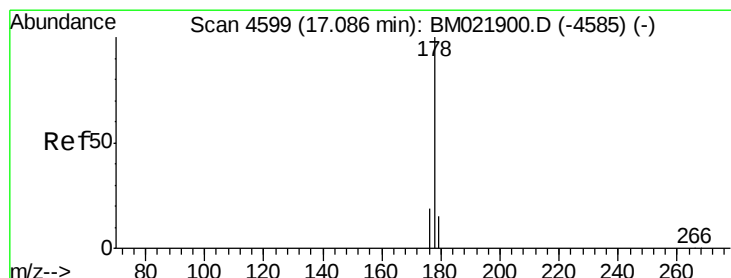
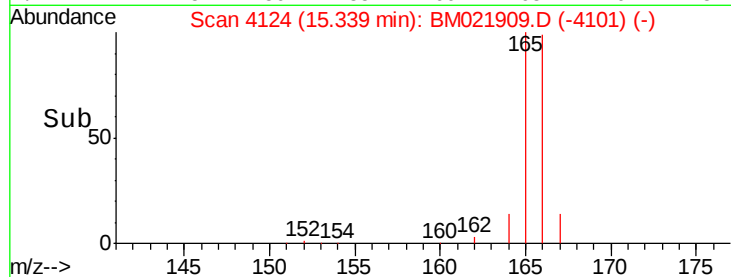
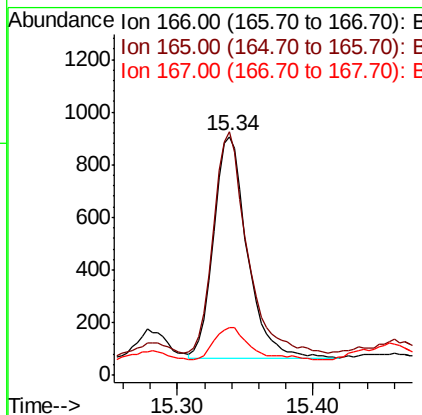
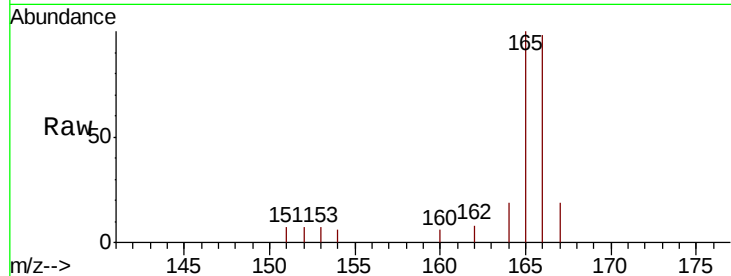
ClientSampleId :

BEP11DL

Tot Ion:	166	Resp:	1437
Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.4	122.0
167	19.8	13.7	20.5

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#12

Phenanthrene

Concen: 2.407 ng/ul

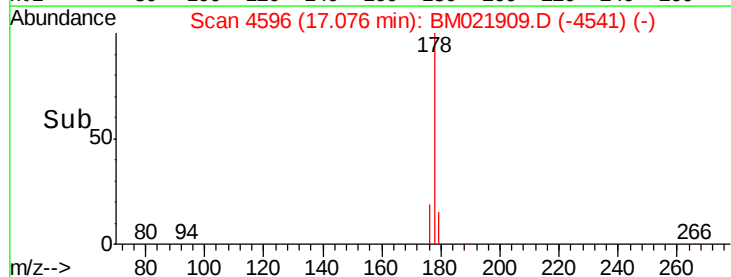
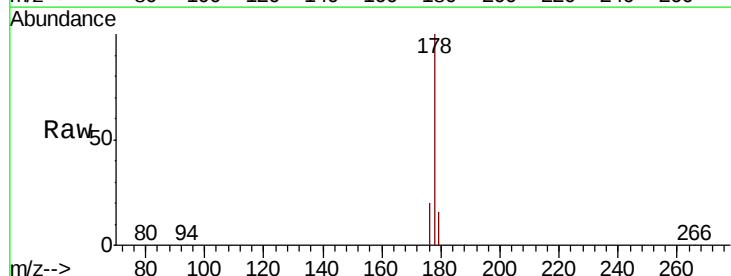
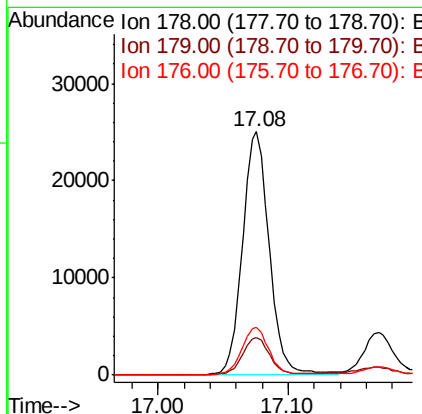
RT: 17.08 min Scan# 4596

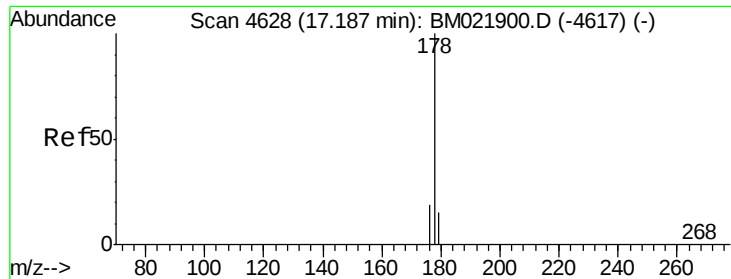
Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Tgt Ion:	178	Resp:	35632
Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.6	16.8	25.2





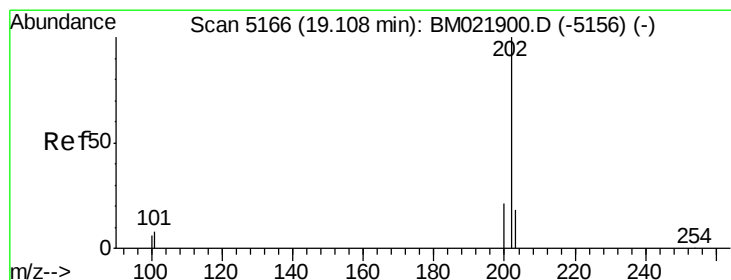
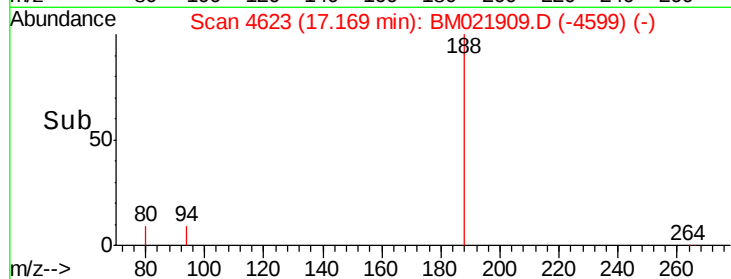
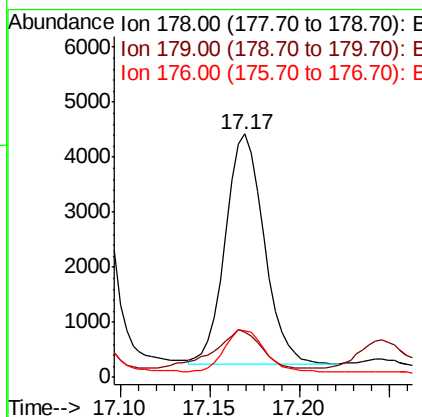
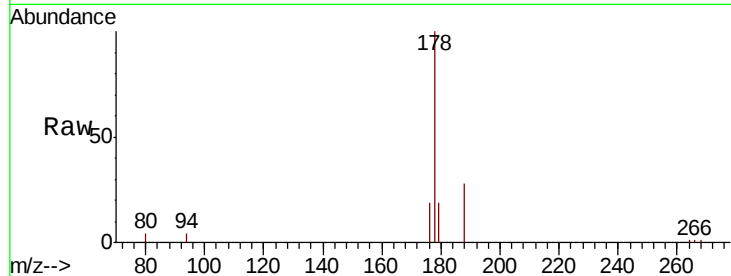
#13
 Anthracene
 Concen: 0.495 ng/ul
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.02 min
 Lab File: BM021909.D
 Acq: 07 Aug 2019 23:08

Instrument :
 BNA_M
 ClientSampleID :
 BEP11DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.5	15.5	23.3
176	19.3	16.6	25.0

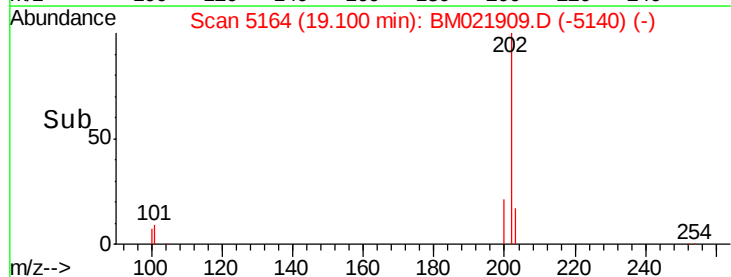
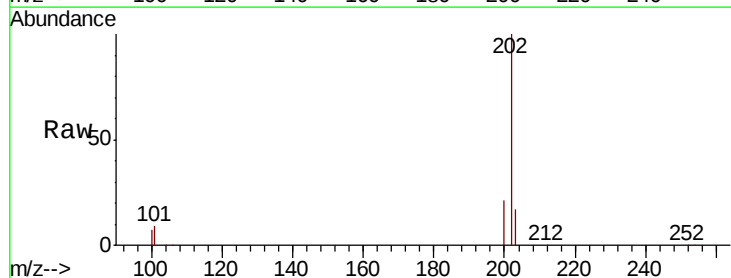
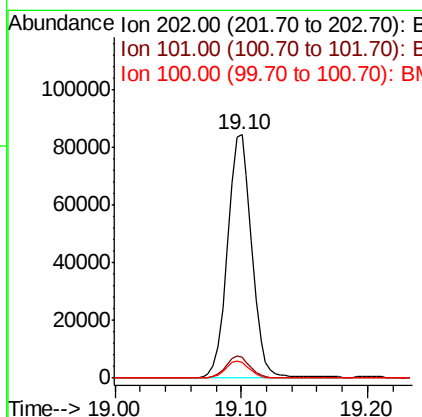
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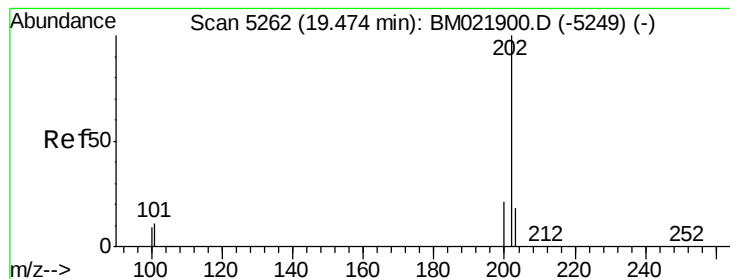
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#15
 Fluoranthene
 Concen: 5.675 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM021909.D
 Acq: 07 Aug 2019 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.2
100	6.6	0.0	28.1





#17

Pvrene

Concen: 4.770 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Instrument :

BNA_M

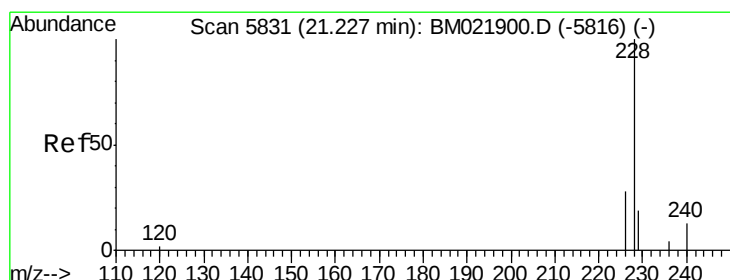
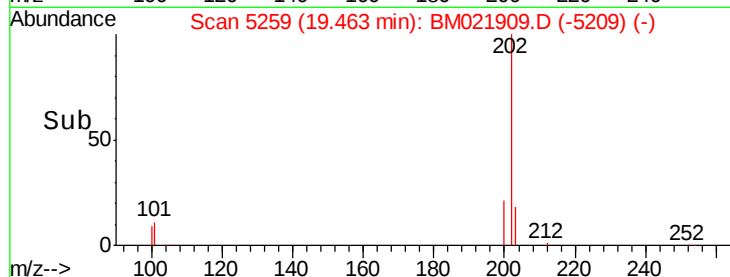
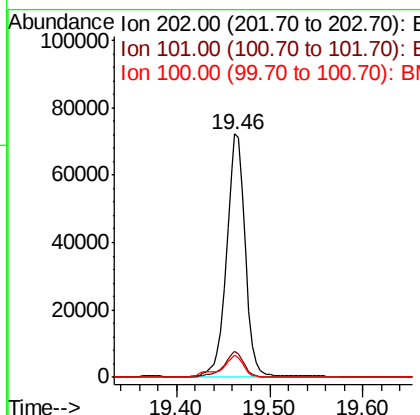
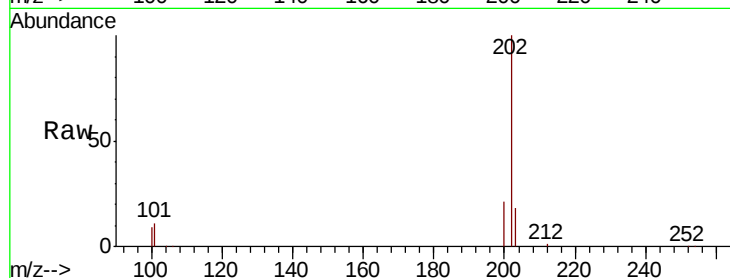
ClientSampleID :

BEP11DL

Tot Ion:	202	Resp:	99794
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.3	12.5
100	8.9	7.2	10.8

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#18

Benzo(a)anthracene

Concen: 2.697 ng/ul

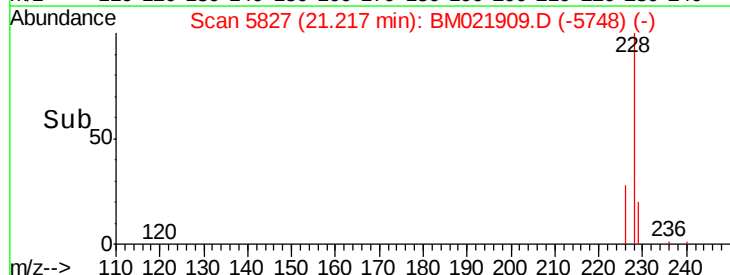
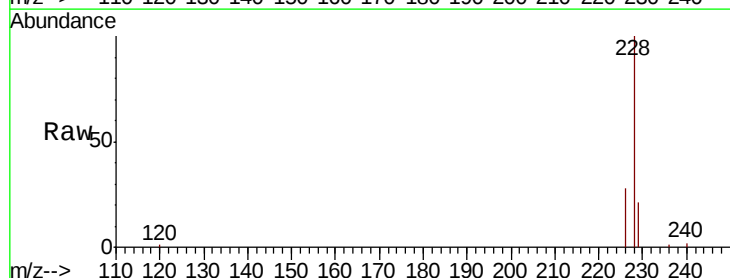
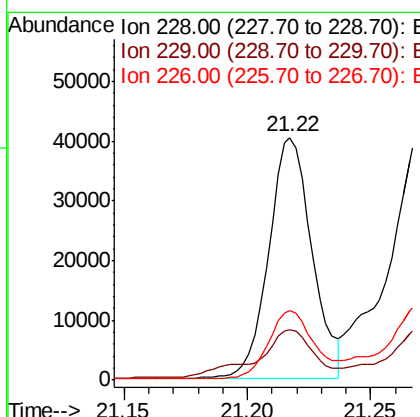
RT: 21.22 min Scan# 5827

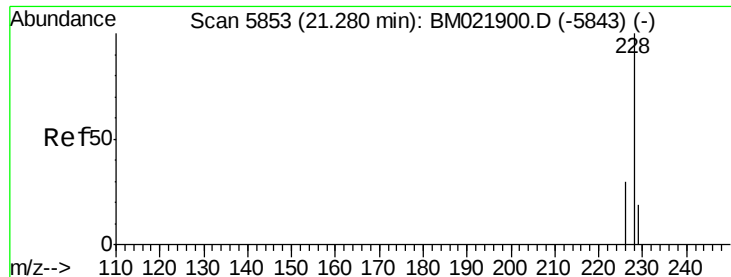
Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Tgt Ion:	228	Resp:	49107
Ion Ratio	Lower	Upper	
228	100		
229	20.9	17.2	25.8
226	28.5	22.6	34.0





#19

Chrysene

Concen: 2.629 ng/ul

RT: 21.27 min Scan# 5848

Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Instrument :

BNA_M

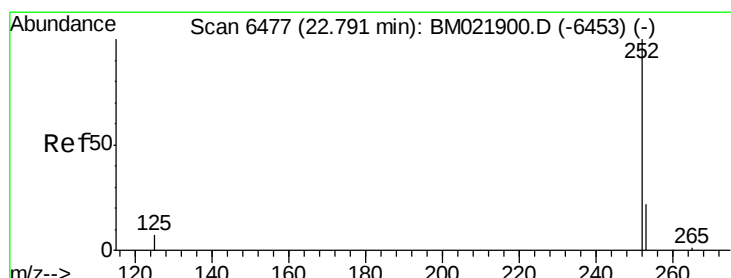
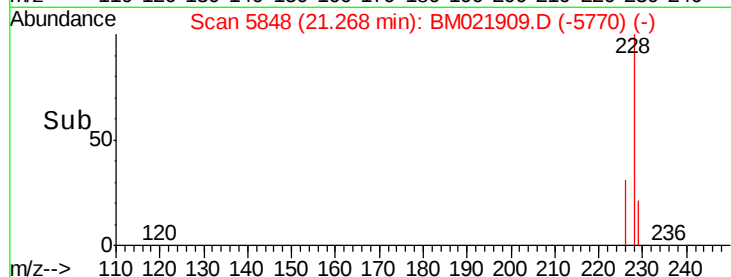
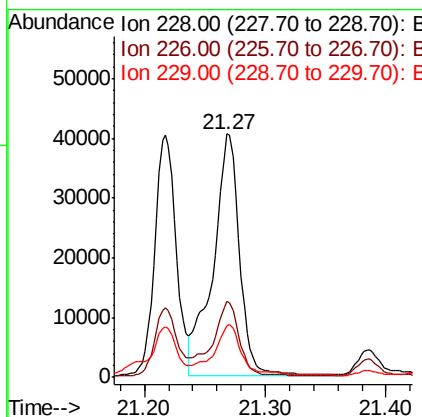
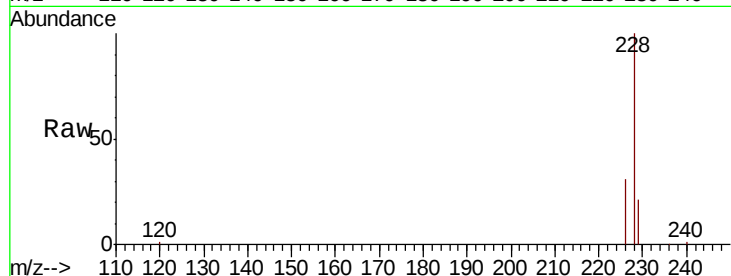
ClientSampled :

BEP11DL

Tot Ion:	228	Resp:	61579
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.397 ng/ul m

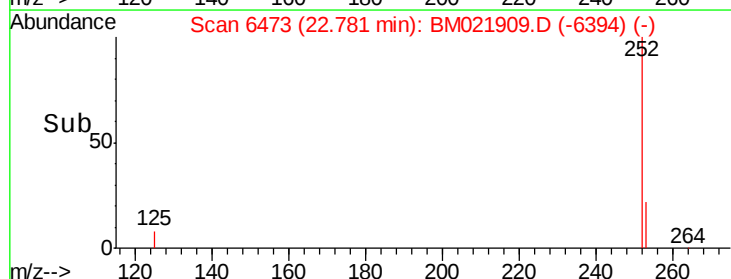
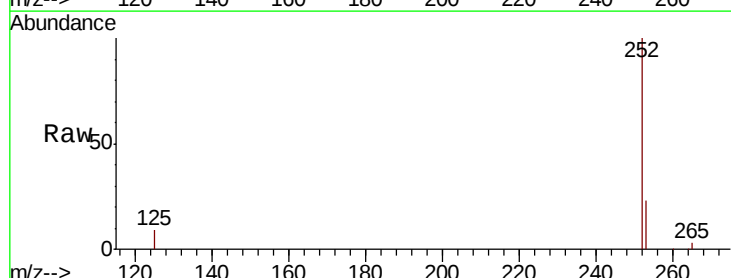
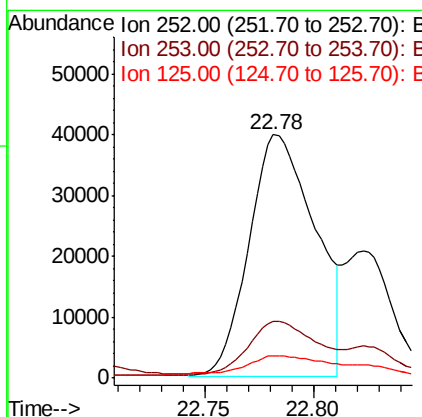
RT: 22.78 min Scan# 6473

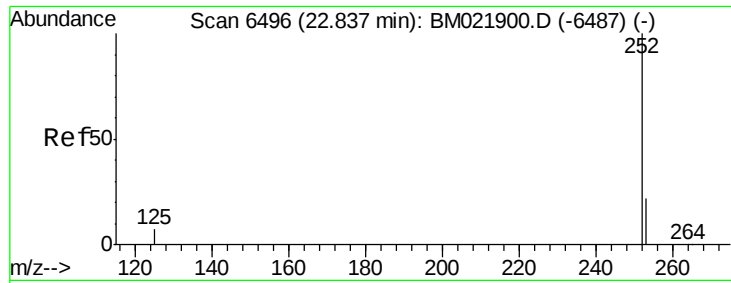
Delta R.T. -0.01 min

Lab File: BM021909.D

Acq: 07 Aug 2019 23:08

Tgt Ion:	252	Resp:	83365
Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	67.4
125	9.0	0.0	31.0





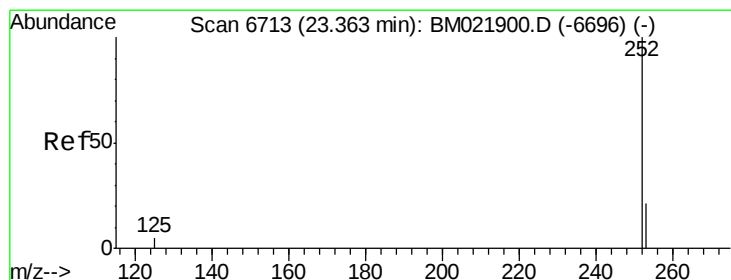
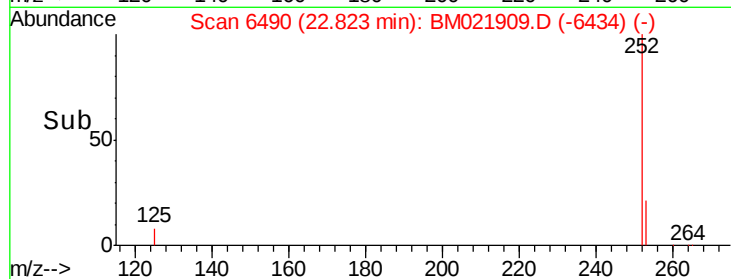
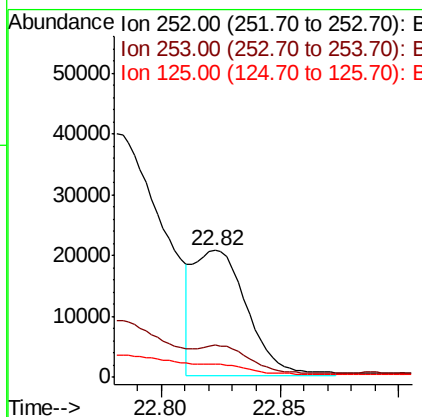
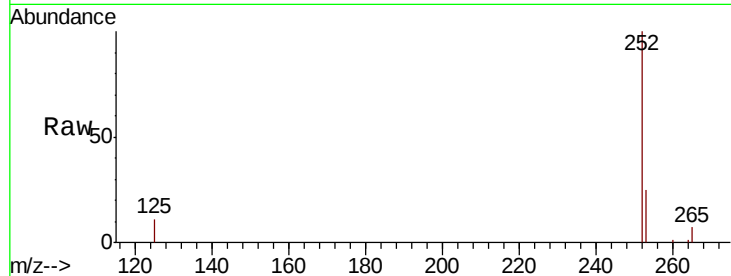
#22
Benzo(k)fluoranthene
Concen: 1.506 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021909.D
Acq: 07 Aug 2019 23:08

Instrument :
BNA_M
ClientSampled :
BEP11DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	27.0	40.4#
125	10.6	12.2	18.2#

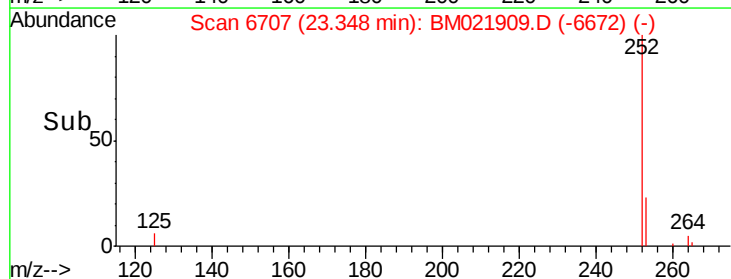
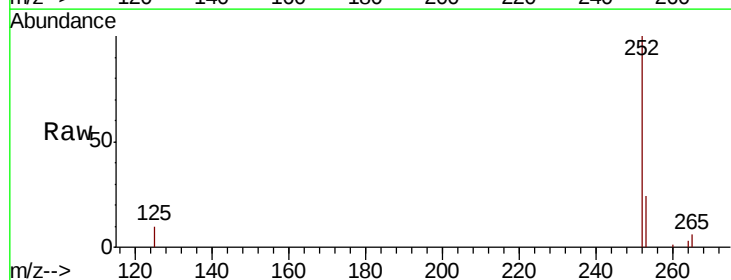
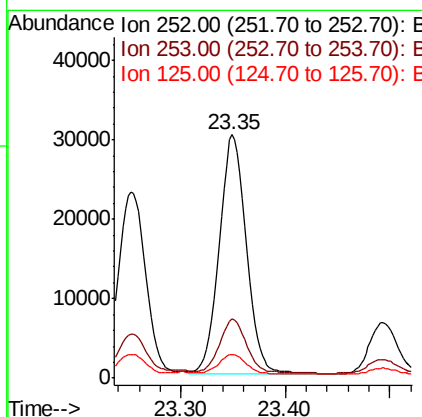
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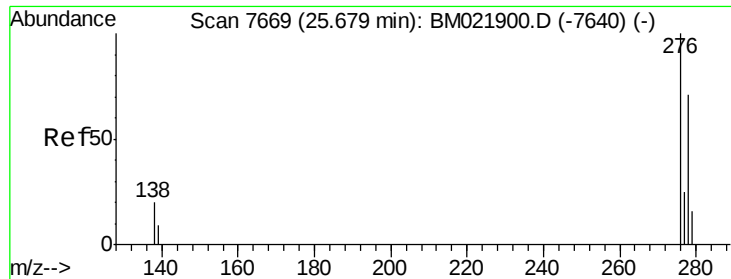
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8/9/2019 6:11:00 AM



#23
Benzo(a)pyrene
Concen: 2.781 ng/ul
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM021909.D
Acq: 07 Aug 2019 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	31.7	47.5#
125	9.9	14.6	21.8#





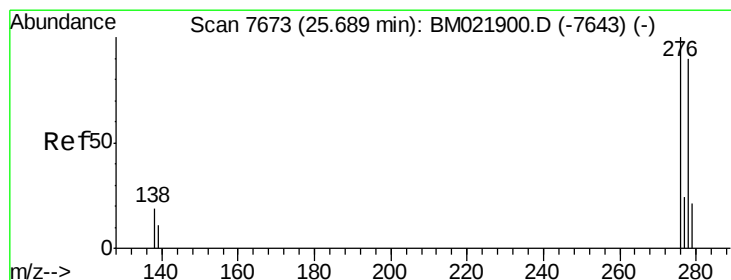
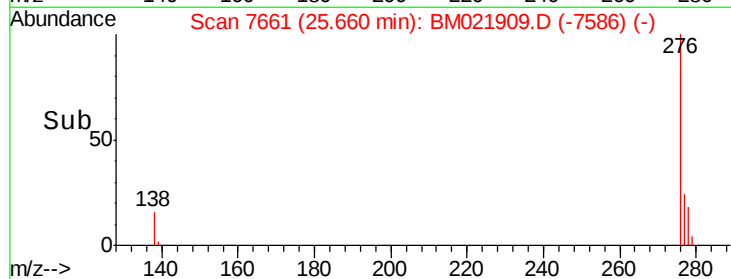
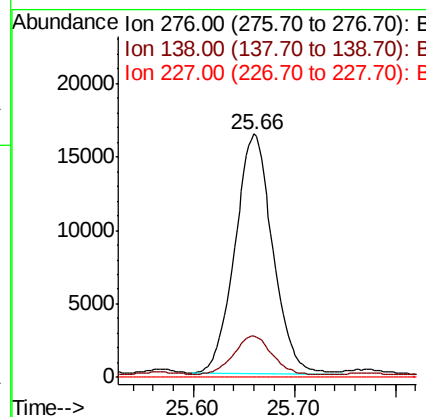
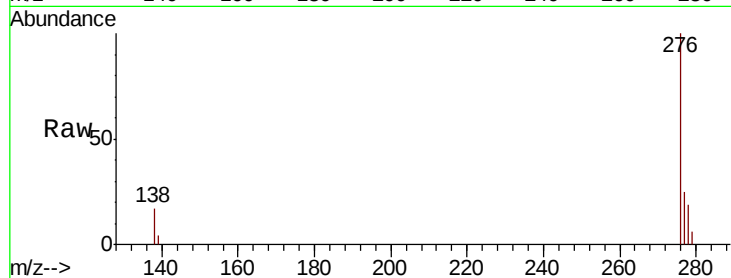
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.833 ng/ul
RT: 25.66 min Scan# 7661
Delta R.T. -0.02 min
Lab File: BM021909.D
Acq: 07 Aug 2019 23:08

Instrument :
BNA_M
ClientSampleId :
BEP11DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.1	22.7
227	0.0	0.0	0.0

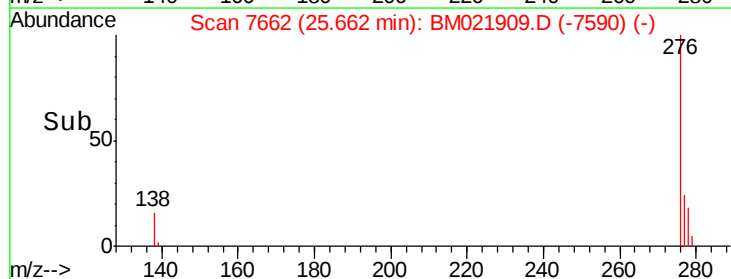
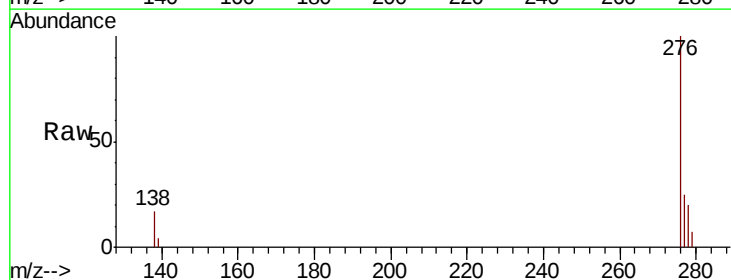
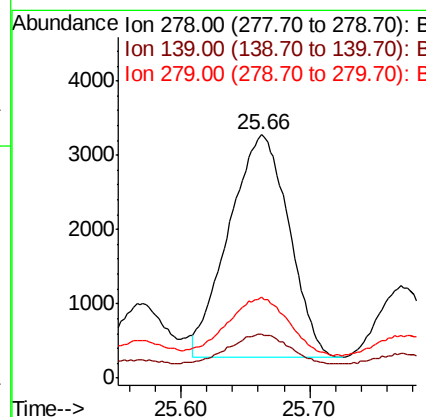
Manual Integrations
APPROVED

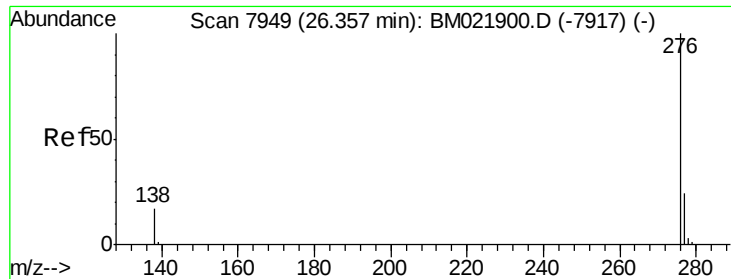
mohammad
8/9/2019 6:11:00 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.526 ng/ul
RT: 25.66 min Scan# 7662
Delta R.T. -0.03 min
Lab File: BM021909.D
Acq: 07 Aug 2019 23:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.2	21.2
279	33.3	28.3	42.5





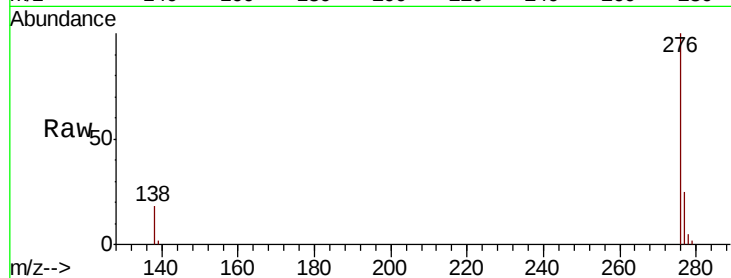
#26
 Benzo(a,h,i)perylene
 Concen: 1.813 ng/ul
 RT: 26.34 min Scan# 7942
 Delta R.T. -0.02 min
 Lab File: BM021909.D
 Acq: 07 Aug 2019 23:08

Instrument :
 BNA_M
 ClientSampleId :
 BEP11DL

Tot Ion:	276	Resp:	37580
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.5	23.3
277	24.9	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:11:00 AM



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

