

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022148.D
 Acq On : 15 Aug 2019 17:56
 Operator : HP/JU
 Sample : K4242-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Manual Integrations
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mohammad
 8/19/2019 10:45:35 AM

Quant Time: Aug 16 14:24:25 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	619	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	2625	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1516	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3811m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	3889m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4161m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1447	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.04	212	4586m	0.36	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	1028	0.139	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	945	0.191	ng/ul	96
7) Acenaphthylene	13.97	152	6338	0.896	ng/ul#	82
8) Acenaphthene	14.31	153	1857	0.321	ng/ul	96
9) Fluorene	15.31	166	1981	0.308	ng/ul	99
12) Phenanthrene	17.05	178	42331m	3.817	ng/ul	
13) Anthracene	17.14	178	14224m	1.504	ng/ul	
15) Fluoranthene	19.07	202	131427m	8.848	ng/ul	
17) Pyrene	19.44	202	122411	7.660	ng/ul	98
18) Benzo(a)anthracene	21.20	228	78615	5.651	ng/ul	99
19) Chrysene	21.25	228	77636	4.340	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	113014m	8.054	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	45698m	2.878	ng/ul	
23) Benzo(a)pyrene	23.32	252	80826	5.664	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.62	276	60112	3.528	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	15148	1.100	ng/ul#	94
26) Benzo(a,h,i)perylene	26.30	276	53851	3.511	ng/ul	96

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

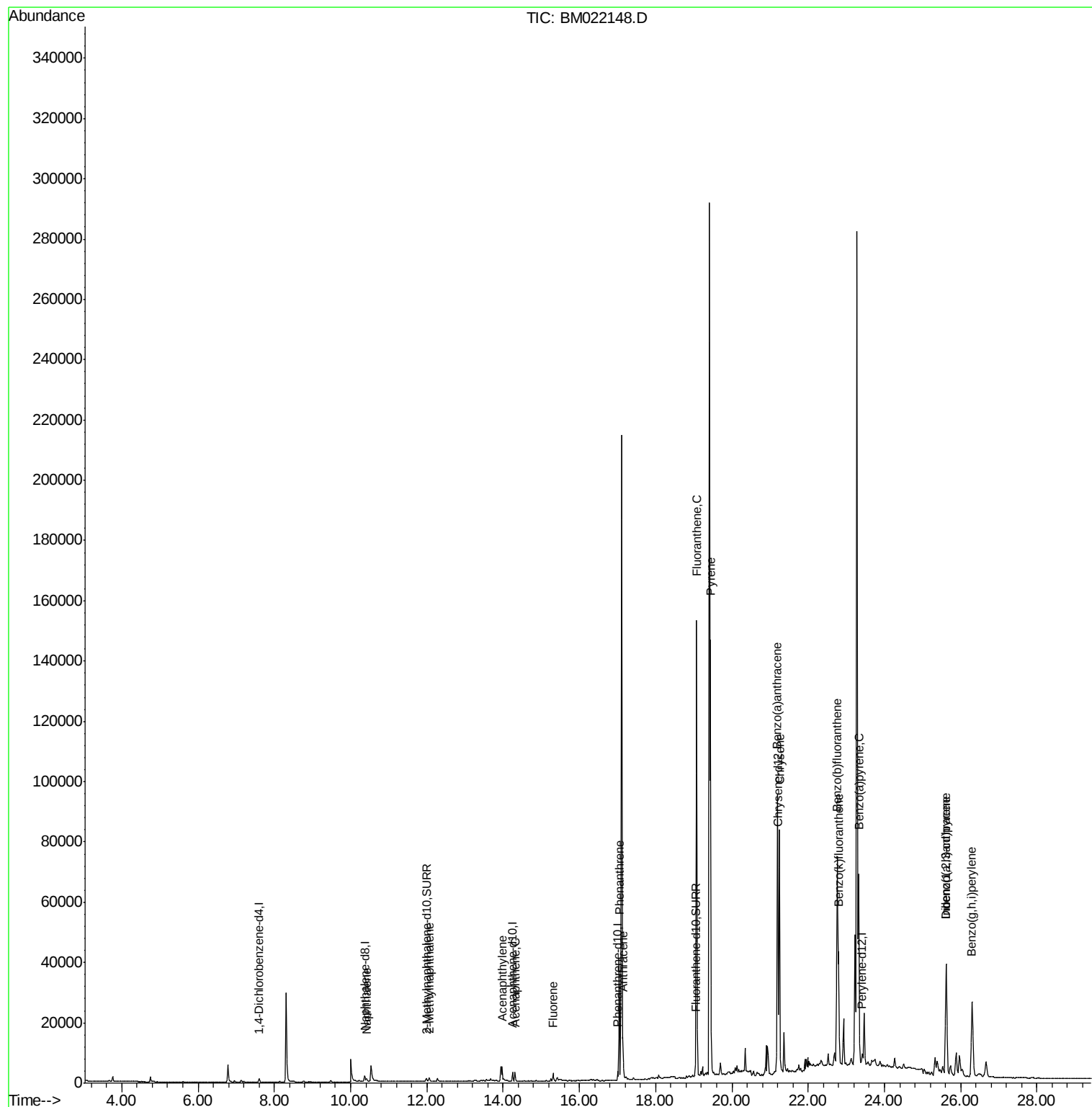
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022148.D
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ALS Vial : 3 Sample Multiplier: 1

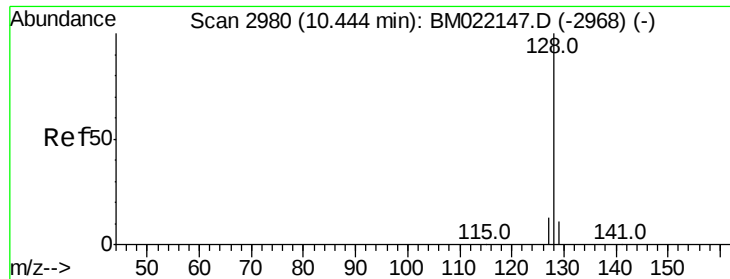
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 14 13:53:23 2019
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#3

Naphthalene

Concen: 0.139 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Instrument :

BNA_M

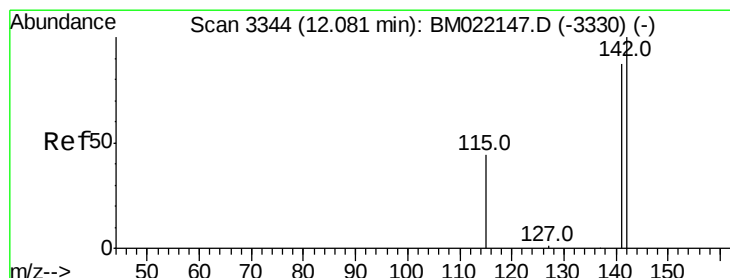
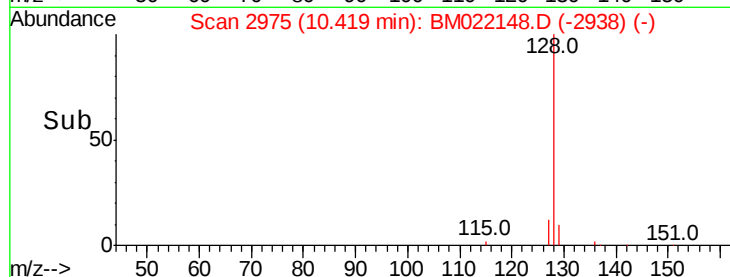
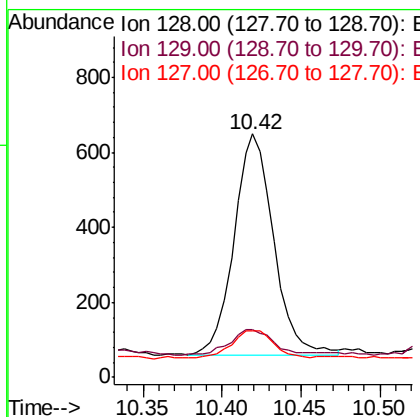
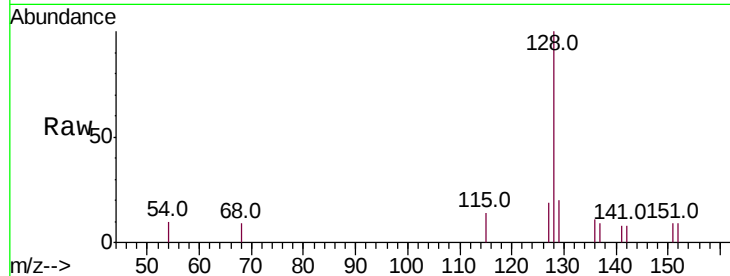
ClientSampleId :

C0AF6

Tot Ion:	128	Resp:	1028
Ion	Ratio	Lower	Upper
128	100		
129	19.6	12.3	18.5#
127	19.0	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.191 ng/ul

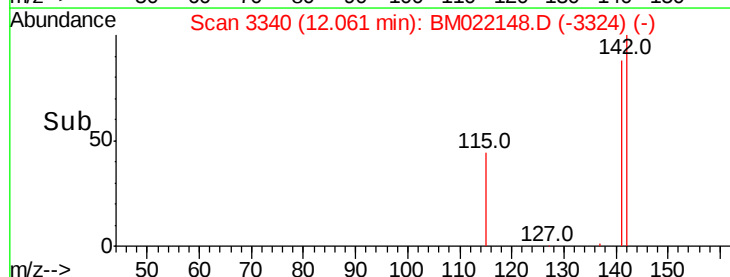
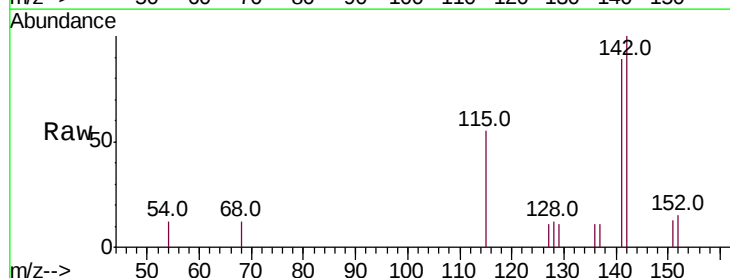
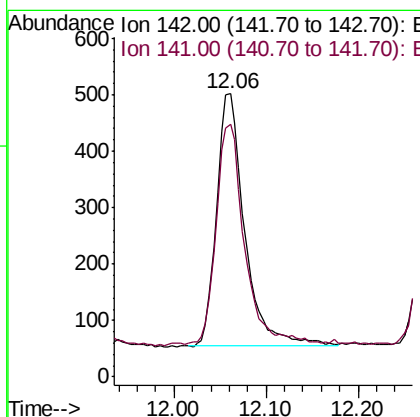
RT: 12.06 min Scan# 3340

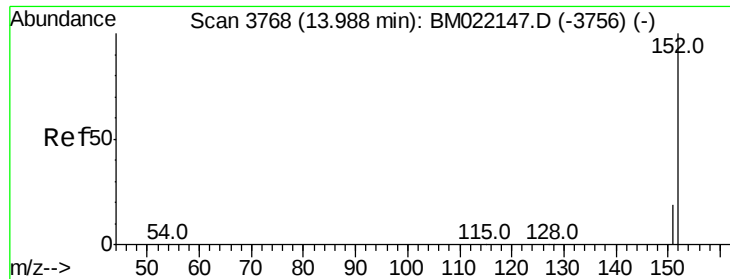
Delta R.T. -0.03 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Tgt Ion:	142	Resp:	945
Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.3	111.5





#7

Acenaphthylene

Concen: 0.896 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Instrument :

BNA_M

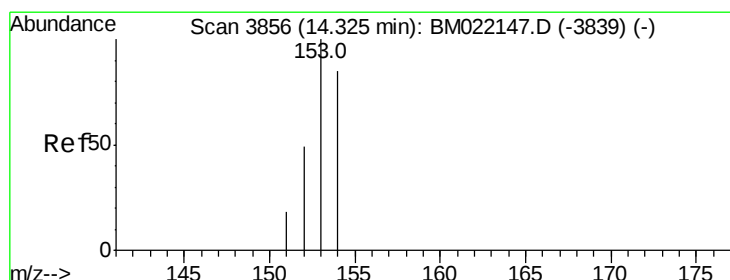
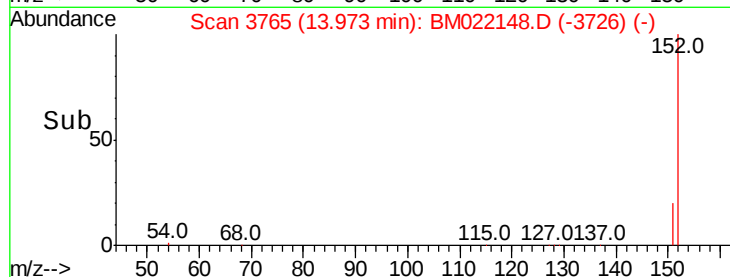
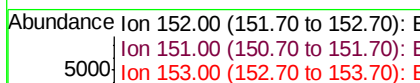
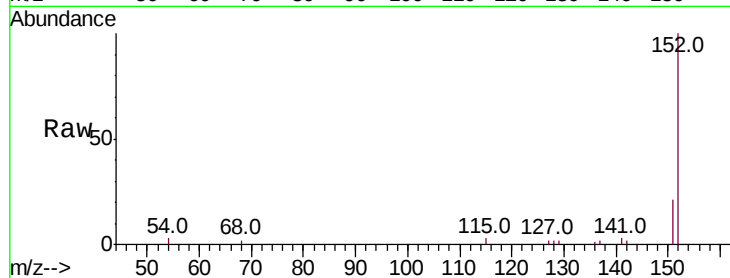
ClientSampled :

C0AF6

Tot Ion:	152	Resp:	6338
Ion Ratio	Lower	Upper	
152	100		
151	21.2	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.321 ng/ul

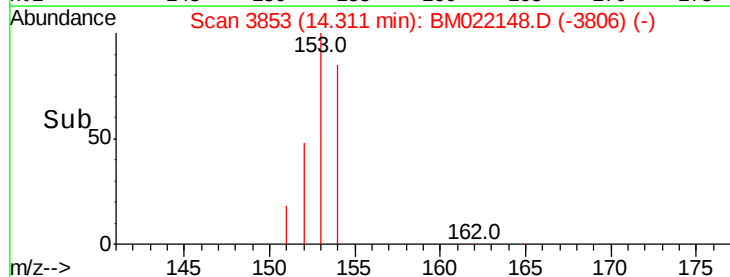
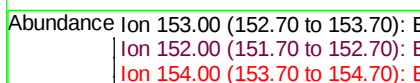
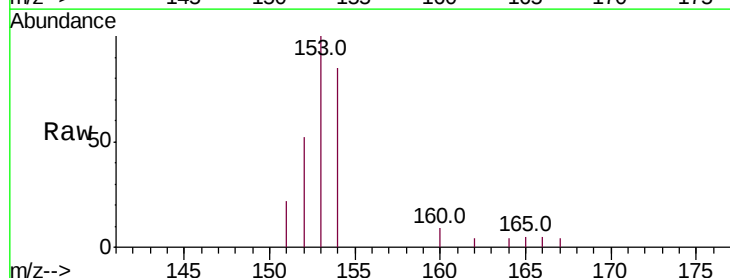
RT: 14.31 min Scan# 3853

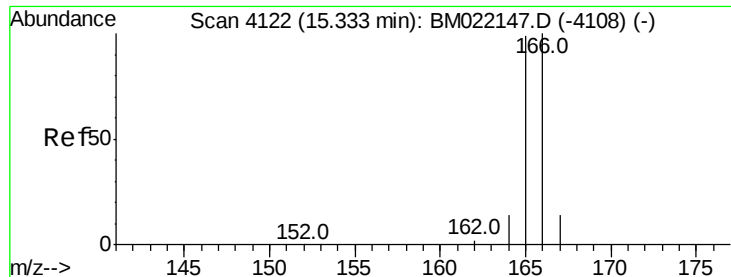
Delta R.T. -0.02 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Tgt Ion:	153	Resp:	1857
Ion Ratio	Lower	Upper	
153	100		
152	52.0	41.3	61.9
154	85.3	72.3	108.5





#9

Fluorene

Concen: 0.308 ng/ul

RT: 15.31 min Scan# 4116

Delta R.T. -0.03 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Instrument :

BNA_M

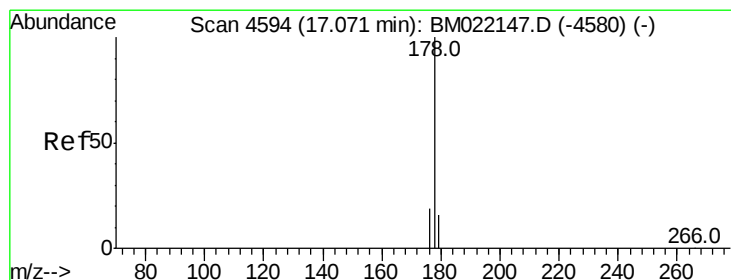
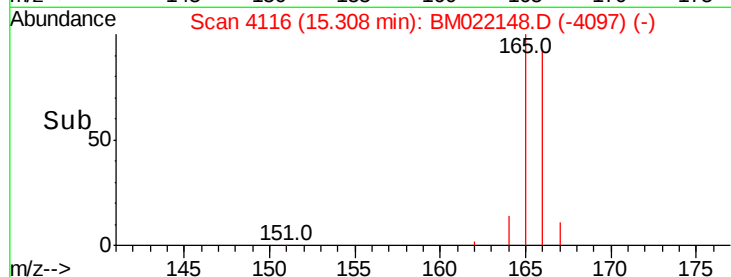
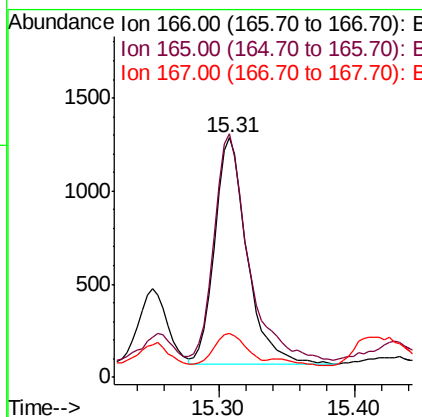
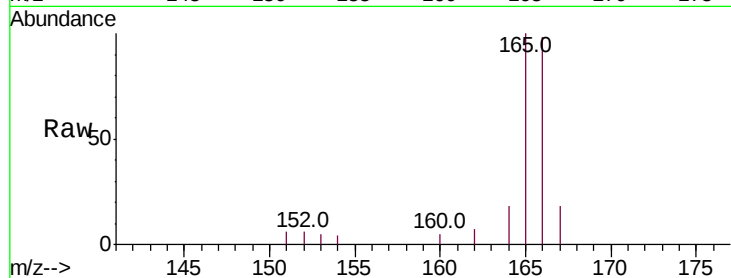
ClientSampleId :

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Tot Ion:	166	Resp:	1981
Ion Ratio	Lower	Upper	
166	100		
165	101.6	81.4	122.0
167	18.5	13.7	20.5

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#12

Phenanthrene

Concen: 3.817 ng/ul m

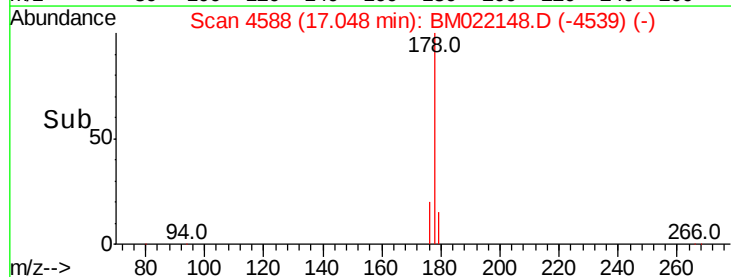
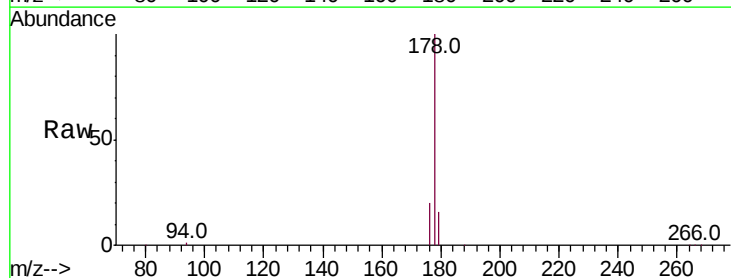
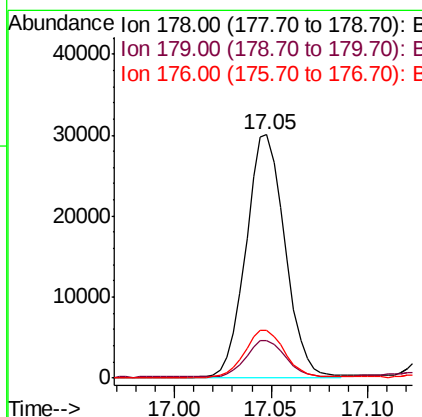
RT: 17.05 min Scan# 4588

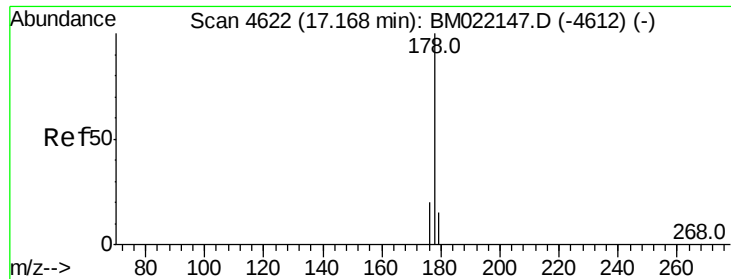
Delta R.T. -0.03 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Tgt Ion:	178	Resp:	42331
Ion Ratio	Lower	Upper	
178	100		
179	15.6	14.2	21.2
176	19.8	16.8	25.2





#13

Anthracene

Concen: 1.504 ng/ul m

RT: 17.14 min Scan# 4615

Delta R.T. -0.04 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Instrument :

BNA_M

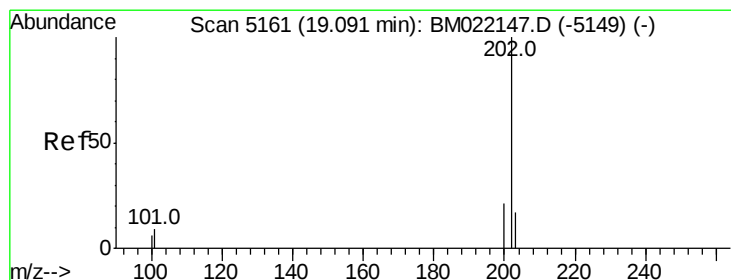
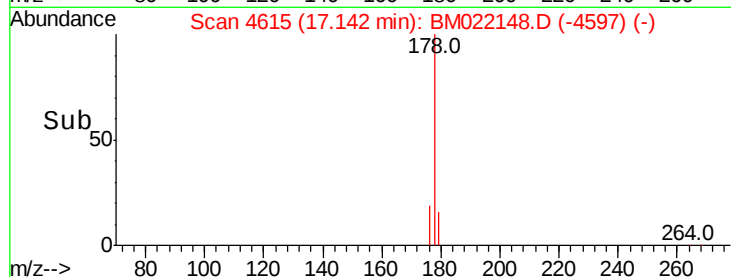
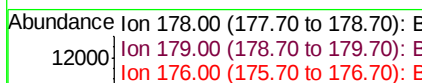
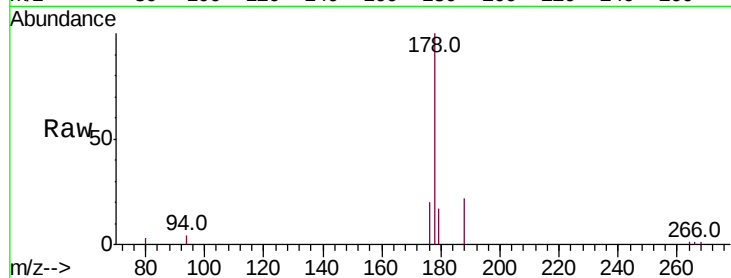
ClientSampleId :

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Tot Ion:	178	Resp:	14224
Ion Ratio	Lower	Upper	
178	100		
179	17.4	15.5	23.3
176	19.7	16.6	25.0



#15

Fluoranthene

Concen: 8.848 ng/ul m

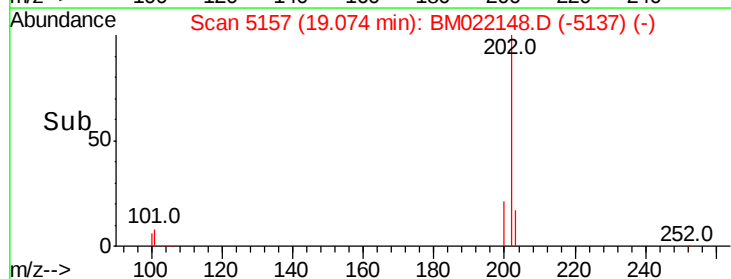
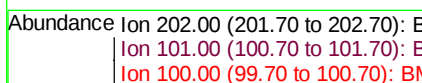
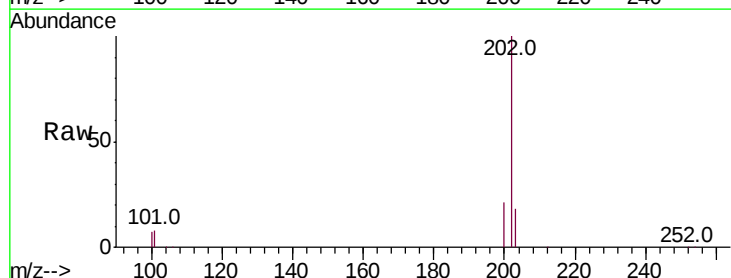
RT: 19.07 min Scan# 5157

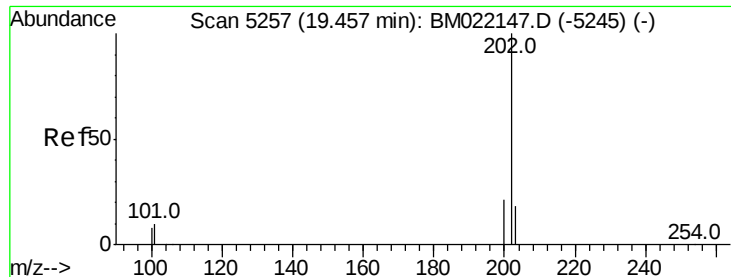
Delta R.T. -0.02 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Tgt Ion:	202	Resp:	131427
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	30.2
100	6.5	0.0	28.1





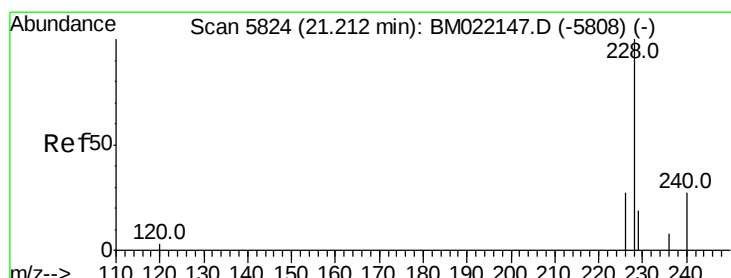
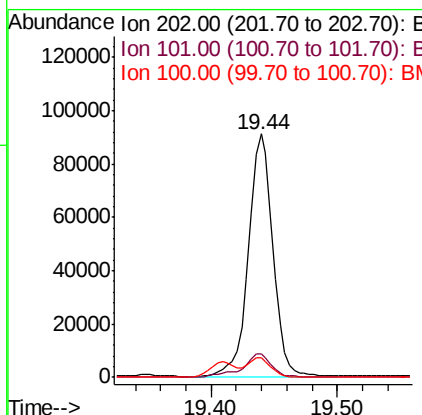
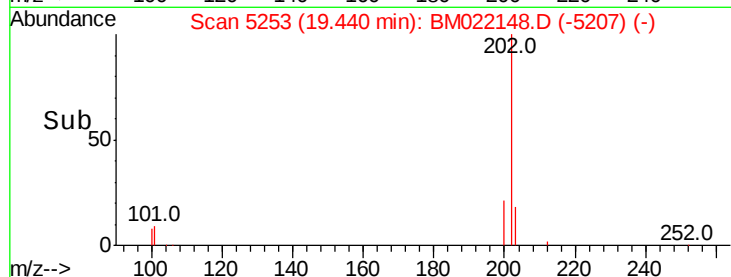
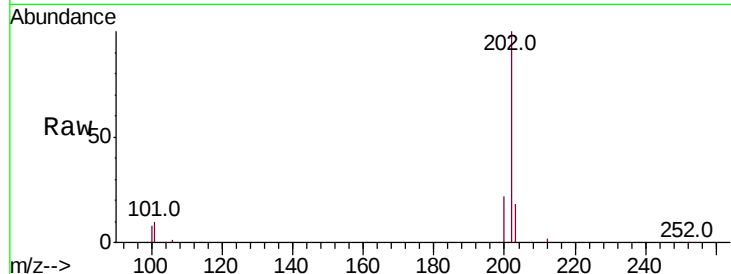
#17
Pvrene
Concen: 7.660 ng/ul
RT: 19.44 min Scan# 5253
Delta R.T. -0.02 min
Lab File: BM022148.D
Acq: 15 Aug 2019 17:56

Instrument :
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ClientSampleId :
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Tot Ion:	202	Resp:	122411
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.3	12.5
100	8.1	7.2	10.8

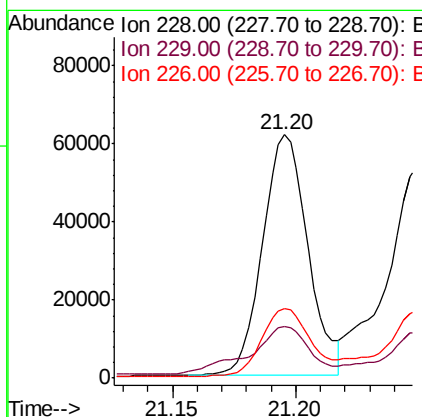
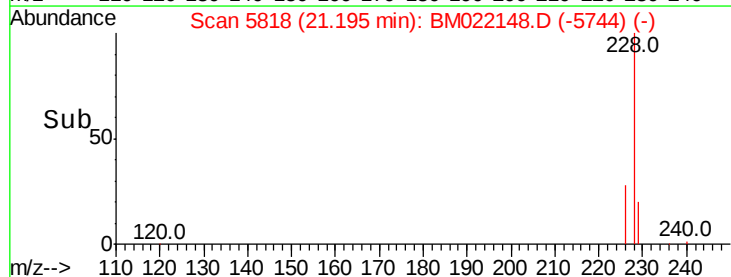
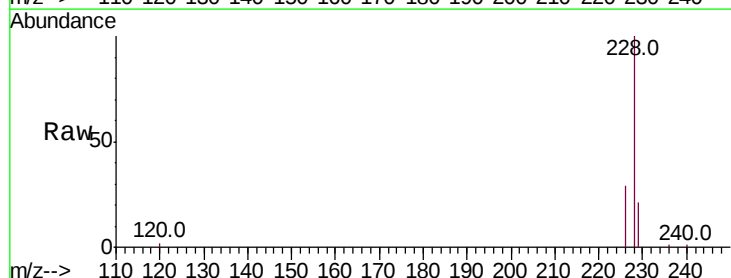
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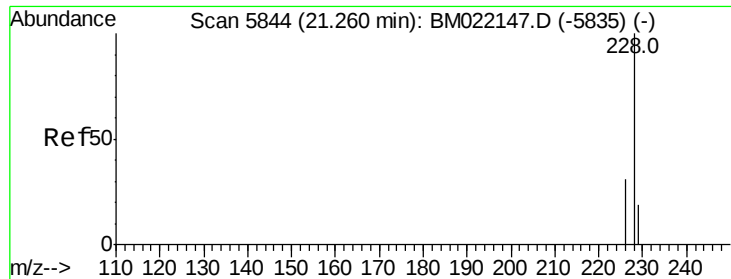
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#18
Benzo(a)anthracene
Concen: 5.651 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.02 min
Lab File: BM022148.D
Acq: 15 Aug 2019 17:56

Tgt Ion:	228	Resp:	78615
Ion Ratio	Lower	Upper	
228	100		
229	21.4	17.2	25.8
226	28.8	22.6	34.0





#19

Chrysene

Concen: 4.340 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Instrument :

BNA_M

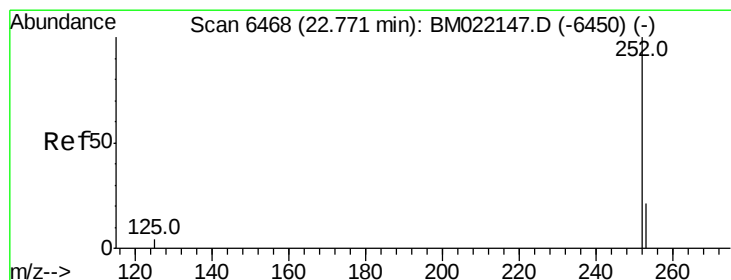
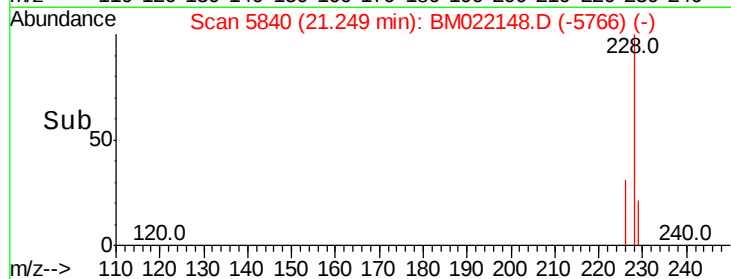
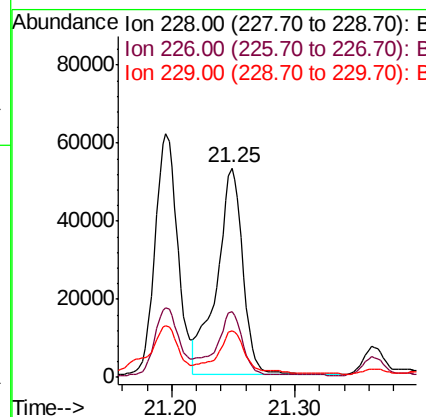
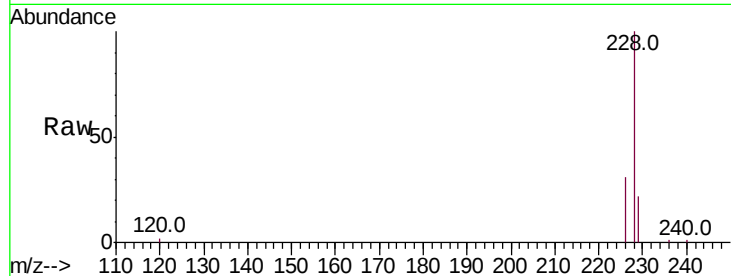
ClientSampleId :

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Tot Ion:228	Resp:	77636
Ion Ratio	Lower	Upper
228 100		
226 31.5	24.9	37.3
229 22.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 8.054 ng/ul m

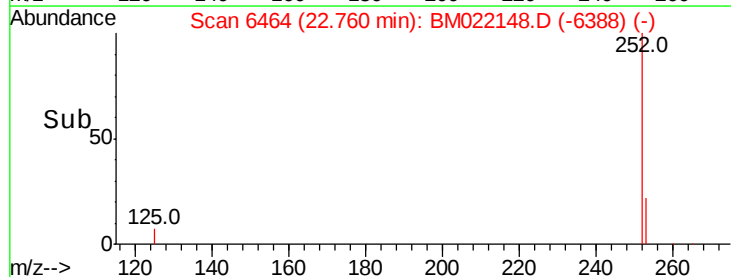
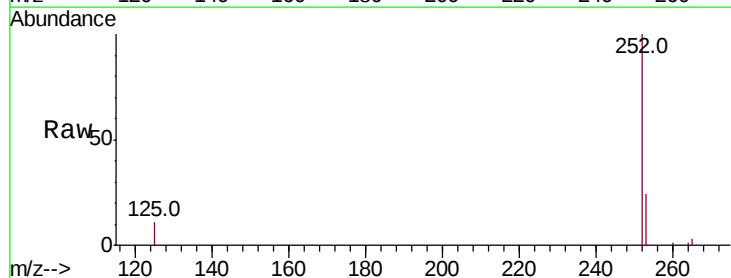
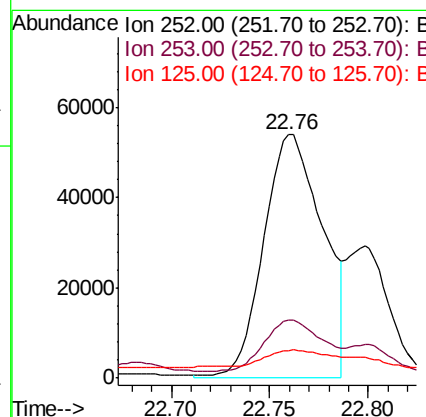
RT: 22.76 min Scan# 6464

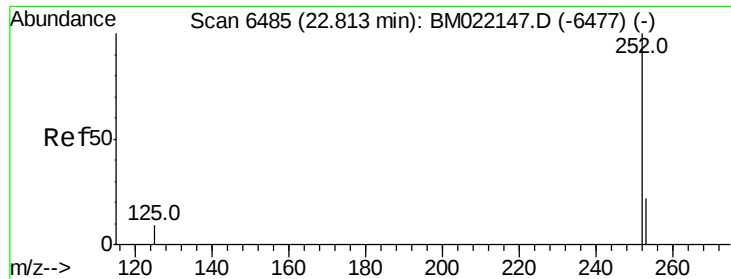
Delta R.T. -0.02 min

Lab File: BM022148.D

Acq: 15 Aug 2019 17:56

Tgt Ion:252	Resp:	113014
Ion Ratio	Lower	Upper
252 100		
253 23.9	0.0	67.4
125 11.4	0.0	31.0





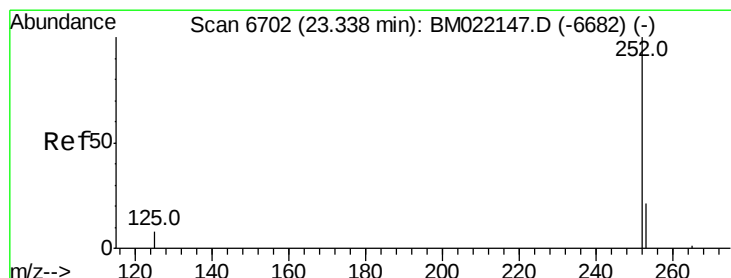
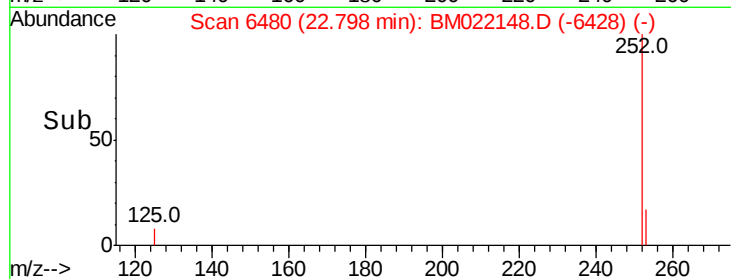
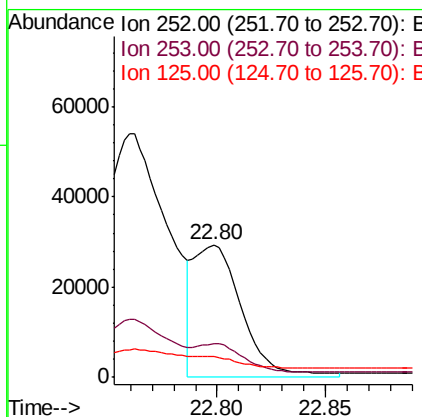
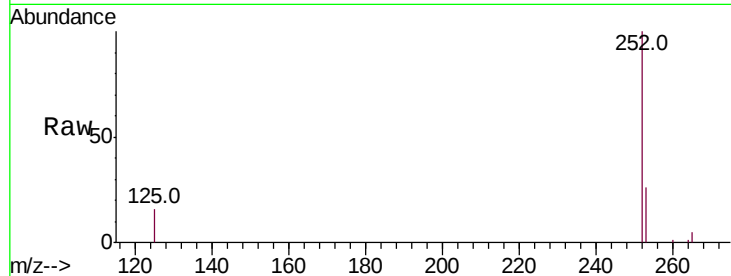
#22
Benzo(k)fluoranthene
Concen: 2.878 ng/ul
RT: 22.80 min Scan# 6480
Delta R.T. -0.02 min
Lab File: BM022148.D
Acq: 15 Aug 2019 17:56

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	27.0	40.4#
125	15.5	12.2	18.2

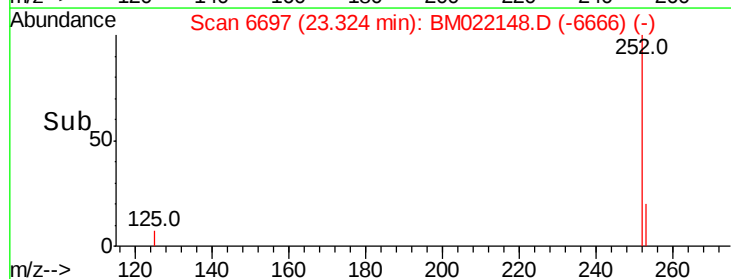
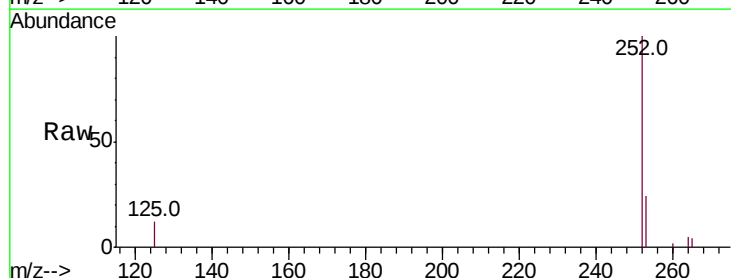
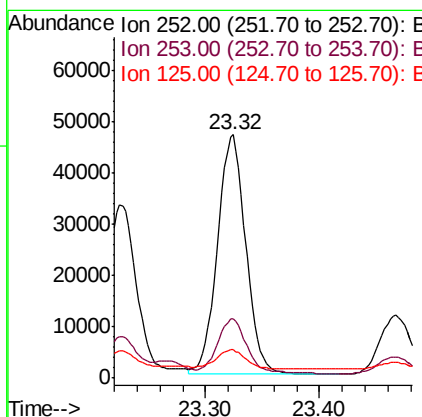
Manual Integrations
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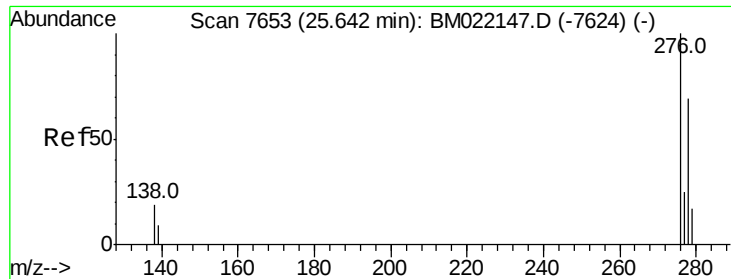
mohammad
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#23
Benzo(a)pyrene
Concen: 5.664 ng/ul
RT: 23.32 min Scan# 6697
Delta R.T. -0.02 min
Lab File: BM022148.D
Acq: 15 Aug 2019 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	31.7	47.5#
125	11.5	14.6	21.8#





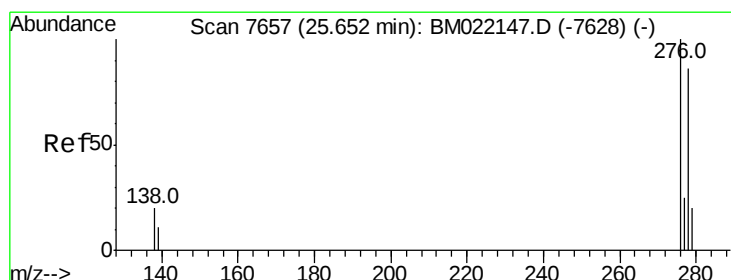
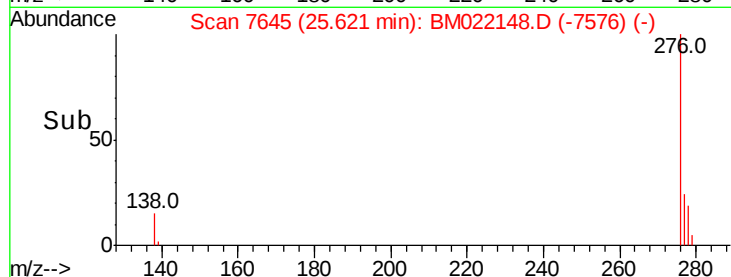
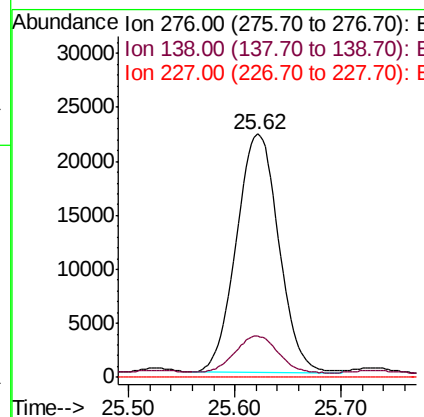
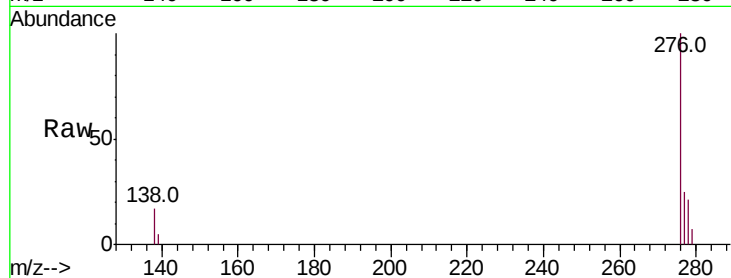
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.528 ng/uL
 RT: 25.62 min Scan# 7645
 Delta R.T. -0.03 min
 Lab File: BM022148.D
 Acq: 15 Aug 2019 17:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Tot Ion	Ratio	Resp	Lower	Upper
276	100	60112		
138	15.8		15.1	22.7
227	0.0		0.0	0.0

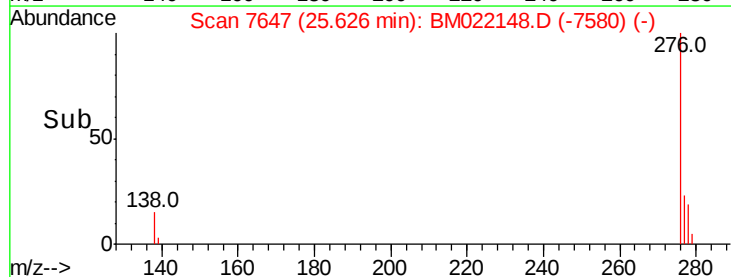
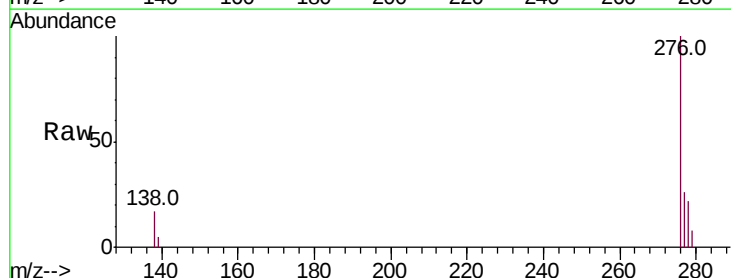
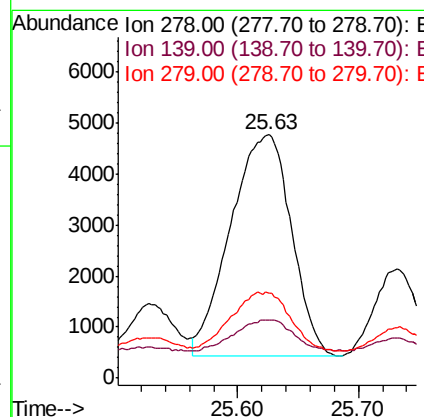
Manual Integrations
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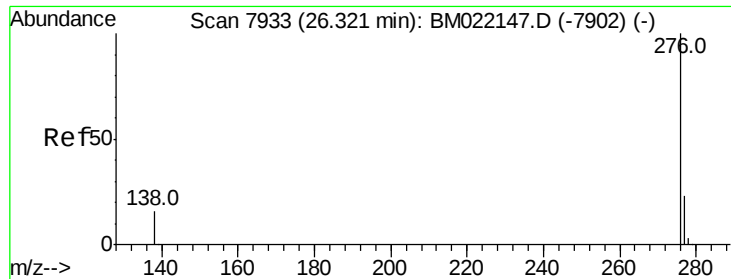
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.100 ng/uL
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.04 min
 Lab File: BM022148.D
 Acq: 15 Aug 2019 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	15148		
139	23.9		14.2	21.2#
279	34.6		28.3	42.5





#26
 Benzo(a,h,i)perylene
 Concen: 3.511 ng/ul
 RT: 26.30 min Scan# 7925
 Delta R.T. -0.04 min
 Lab File: BM022148.D
 Acq: 15 Aug 2019 17:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Tot Ion:	276	Resp:	53851
Ion Ratio	Lower	Upper	
276	100		
138	17.2	15.5	23.3
277	25.3	21.4	32.2

Manual Integrations
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