

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022075.D
 Acq On : 13 Aug 2019 18:11
 Operator : HP/JU
 Sample : K4041-11DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

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Quant Time: Aug 14 07:38:18 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 07:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	596	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	2478	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1324	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3021	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3029	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3286	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1288	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	2799	0.27	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	399	0.057	ng/ul#	68
5) 2-Methylnaphthalene	12.09	142	137	0.029	ng/ul	93
7) Acenaphthylene	13.99	152	1423	0.230	ng/ul#	82
8) Acenaphthene	14.32	153	191	0.038	ng/ul#	85
9) Fluorene	15.32	166	305	0.054	ng/ul#	90
12) Phenanthrene	17.06	178	5614	0.639	ng/ul	99
13) Anthracene	17.16	178	1772	0.236	ng/ul#	91
15) Fluoranthene	19.09	202	14527	1.234	ng/ul	96
17) Pyrene	19.45	202	16167	1.299	ng/ul	98
18) Benzo(a)anthracene	21.21	228	7025	0.648	ng/ul	95
19) Chrysene	21.26	228	9185	0.659	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	11971m	1.080	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	4332m	0.345	ng/ul	
23) Benzo(a)pyrene	23.34	252	8605	0.764	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.64	276	6467	0.481	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	1479	0.136	ng/ul#	70
26) Benzo(g,h,i)perylene	26.32	276	6592	0.544	ng/ul	96

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

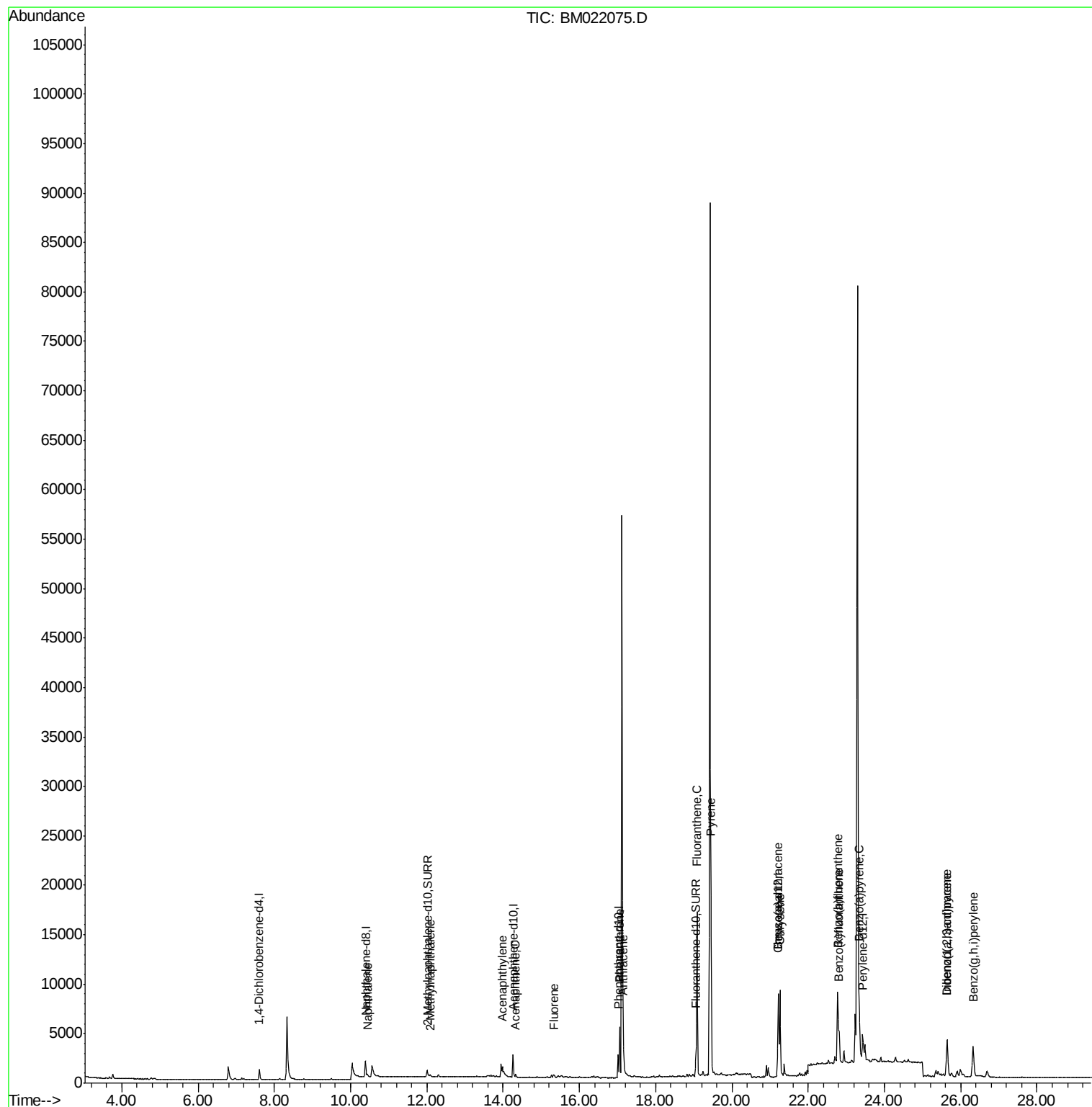
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022075.D
Acq On : 13 Aug 2019 18:11
Operator : HP/JU
Sample : K4041-11DL 2X
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ALS Vial : 55 Sample Multiplier: 1

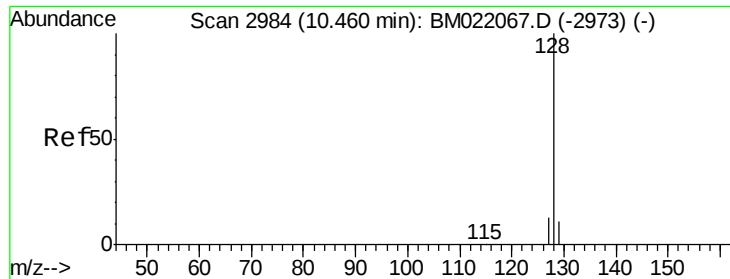
Instrument :
BNA_M
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BENT5DL

Quant Time: Aug 14 07:38:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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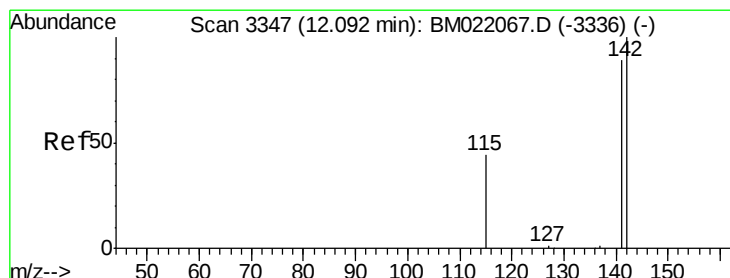
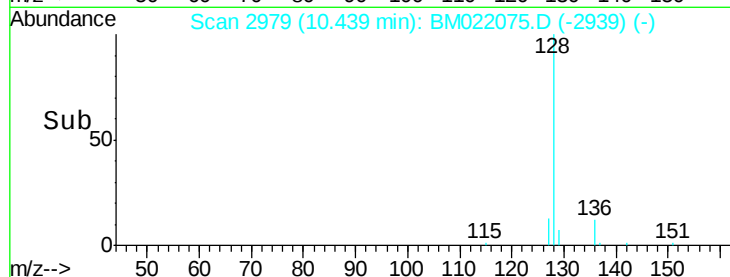
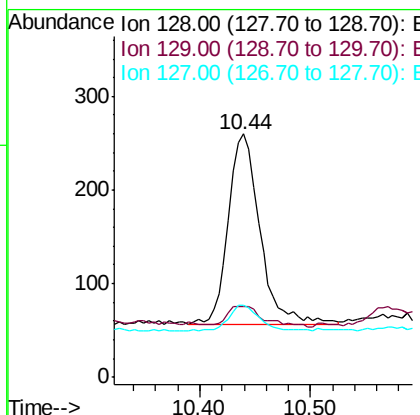
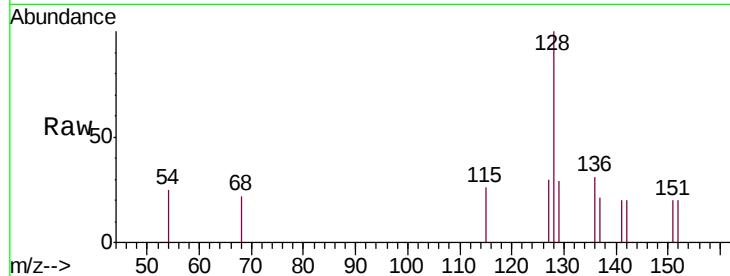
#3
Naphthalene
Concen: 0.057 ng/ul
RT: 10.44 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BM022075.D
Acq: 13 Aug 2019 18:11

Instrument :
BNA_M
ClientSampleId :
BENT5DL

Tgt Ion:	128	Resp:	399
Ion Ratio	Lower	Upper	
128	100		
129	29.2	12.3	18.5#
127	29.6	13.0	19.6#

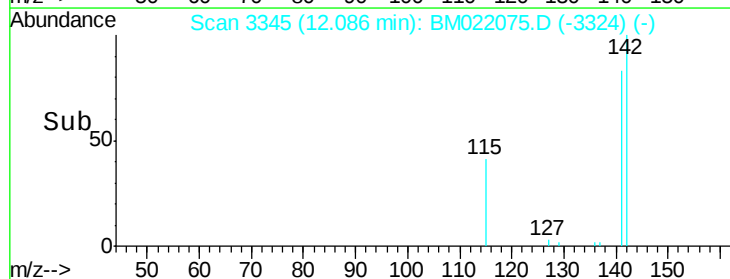
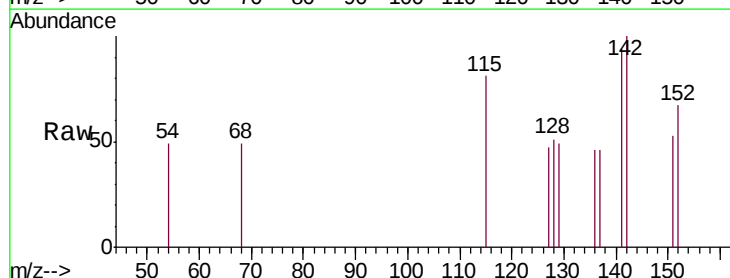
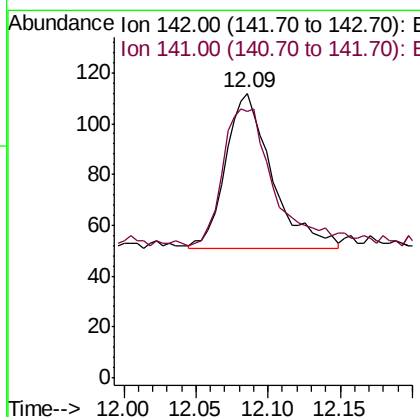
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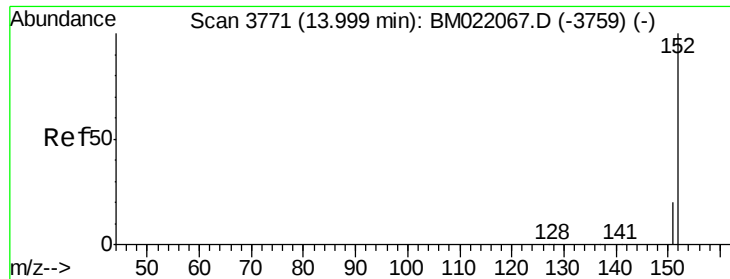
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#5
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.09 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM022075.D
Acq: 13 Aug 2019 18:11

Tgt Ion:	142	Resp:	137
Ion Ratio	Lower	Upper	
142	100		
141	100.0	74.3	111.5





#7

Acenaphthylene

Concen: 0.230 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.01 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Instrument :

BNA_M

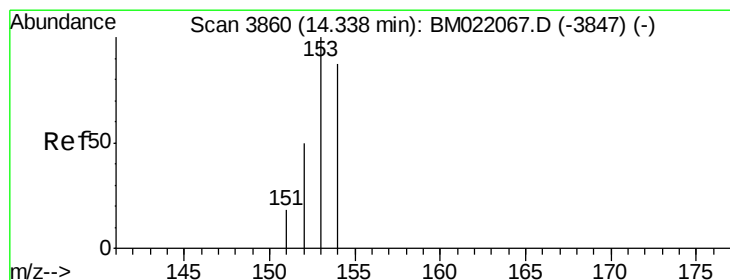
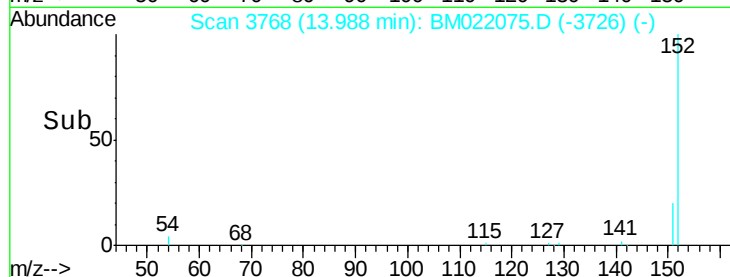
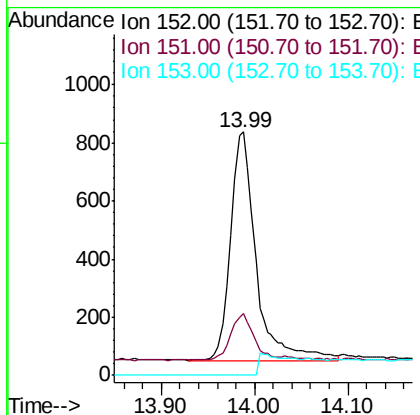
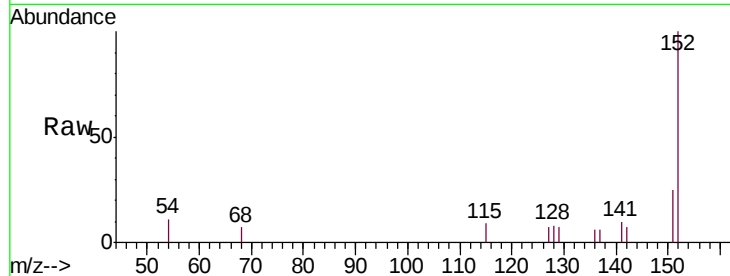
ClientSampleId :

BENT5DL

Tgt Ion:	152	Resp:	1423
Ion Ratio	Lower	Upper	
152	100		
151	25.3	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.038 ng/ul

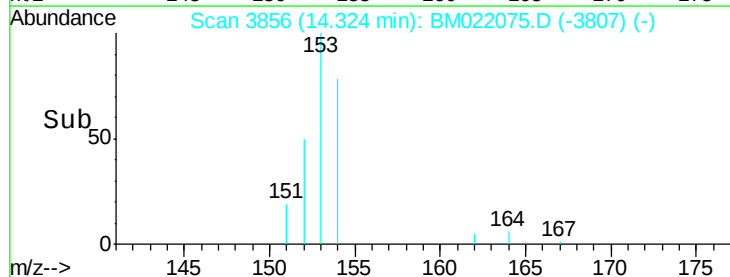
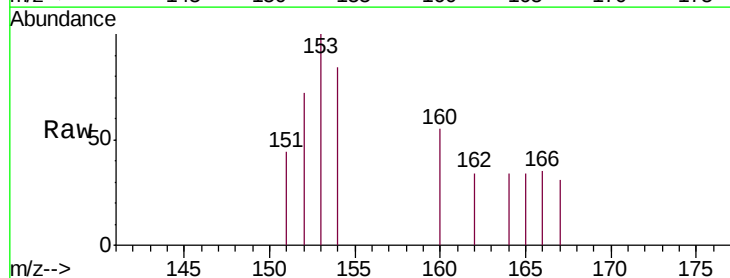
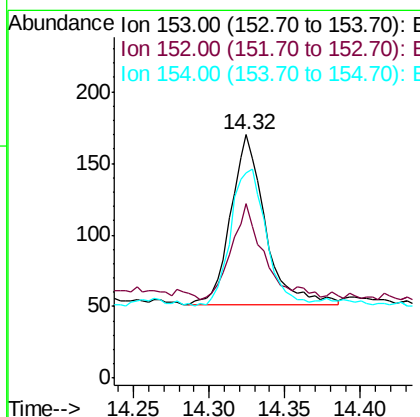
RT: 14.32 min Scan# 3856

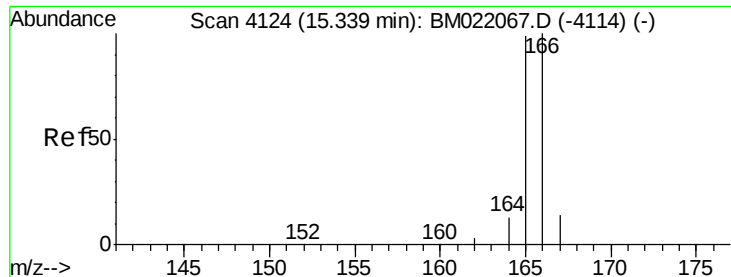
Delta R.T. -0.01 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Tgt Ion:	153	Resp:	191
Ion Ratio	Lower	Upper	
153	100		
152	71.8	41.3	61.9#
154	84.1	72.3	108.5





#9

Fluorene

Concen: 0.054 ng/ul

RT: 15.32 min Scan# 4119

Delta R.T. -0.02 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Instrument :

BNA_M

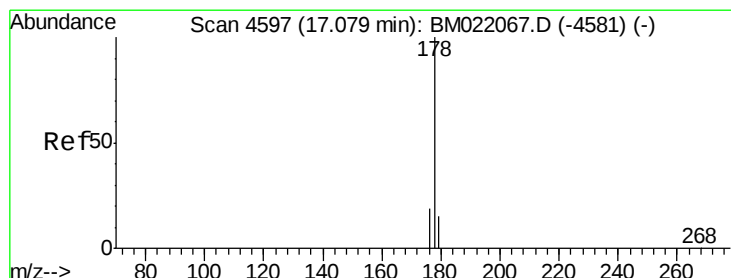
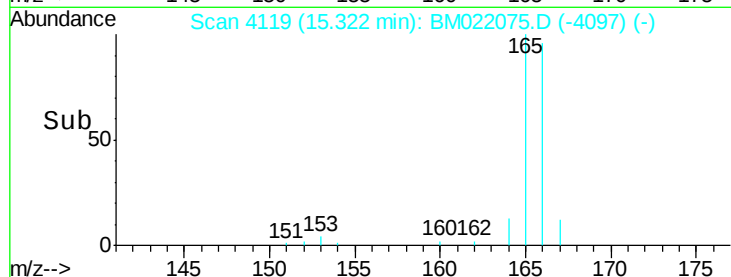
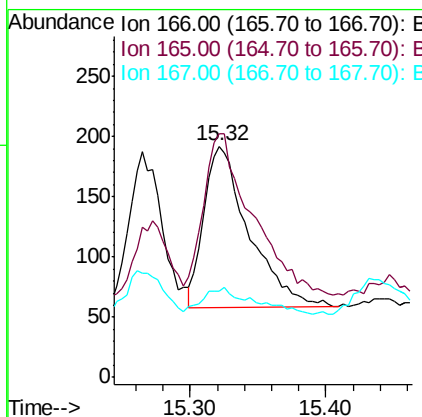
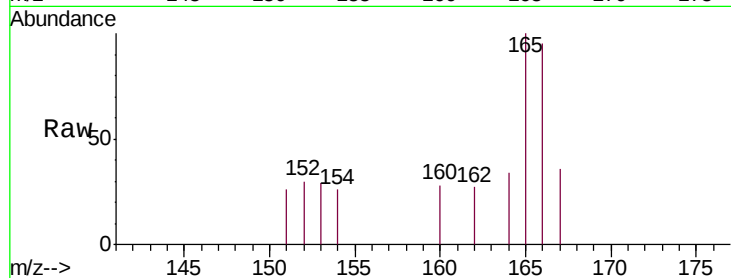
ClientSampleId :

BENT5DL

Tgt Ion:	166	Resp:	305
Ion Ratio	Lower	Upper	
166	100		
165	105.2	81.4	122.0
167	37.5	13.7	20.5

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#12

Phenanthrene

Concen: 0.639 ng/ul

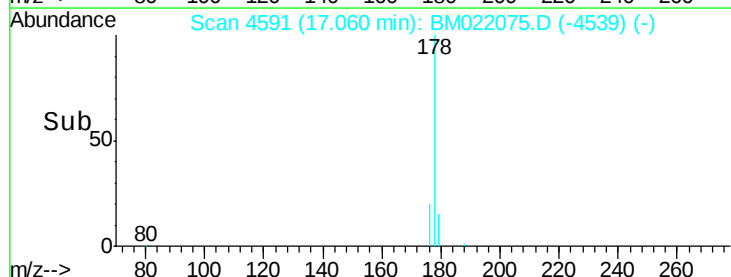
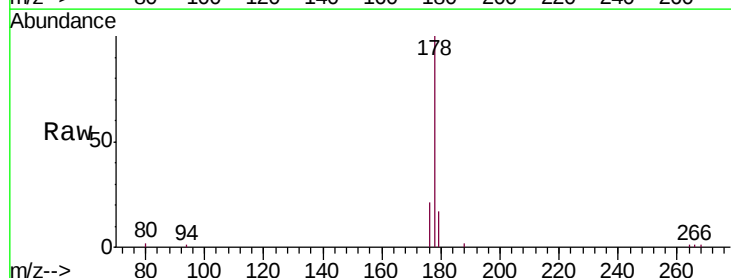
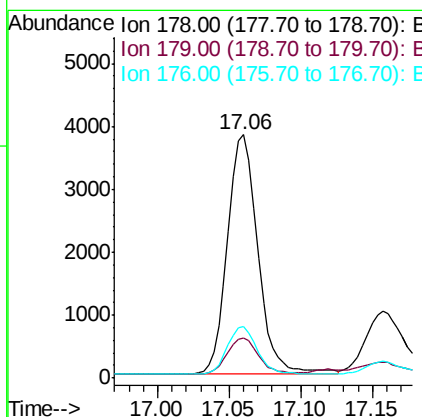
RT: 17.06 min Scan# 4591

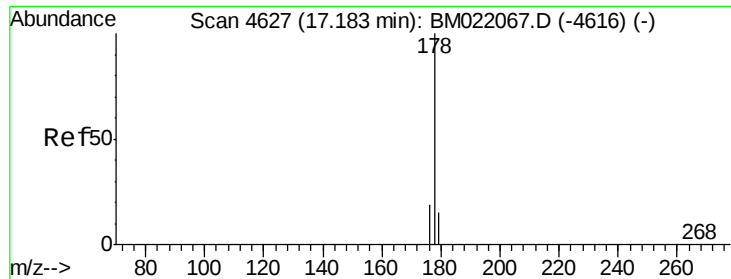
Delta R.T. -0.02 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Tgt Ion:	178	Resp:	5614
Ion Ratio	Lower	Upper	
178	100		
179	16.6	14.2	21.2
176	21.1	16.8	25.2





#13

Anthracene

Concen: 0.236 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.03 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Instrument :

BNA_M

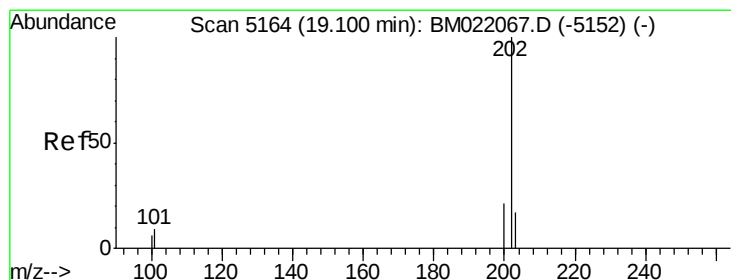
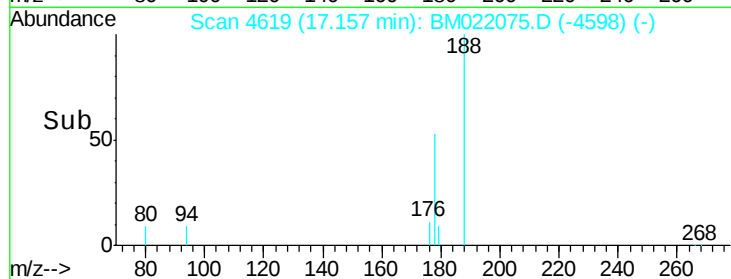
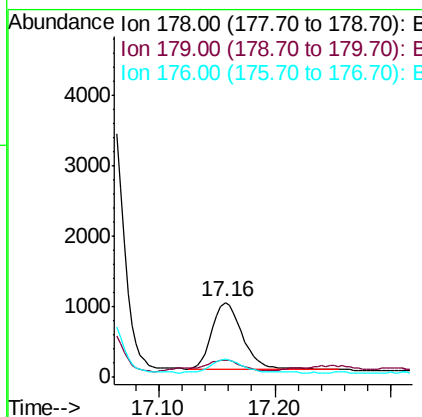
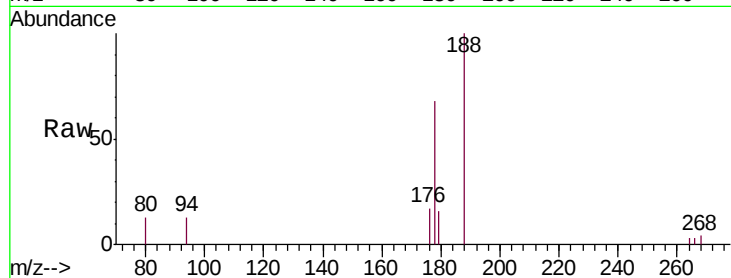
ClientSampleId :

BENT5DL

Tgt Ion:	178	Resp:	1772
Ion Ratio	Lower	Upper	
178	100		
179	23.4	15.5	23.3#
176	25.0	16.6	25.0

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#15

Fluoranthene

Concen: 1.234 ng/ul

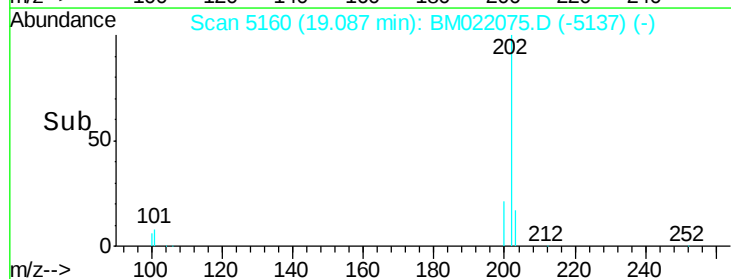
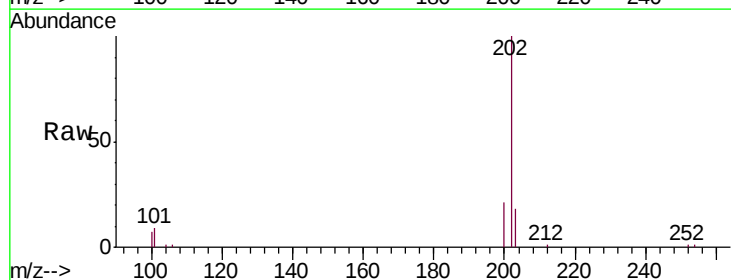
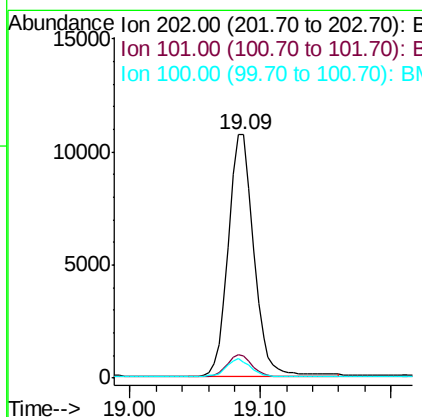
RT: 19.09 min Scan# 5160

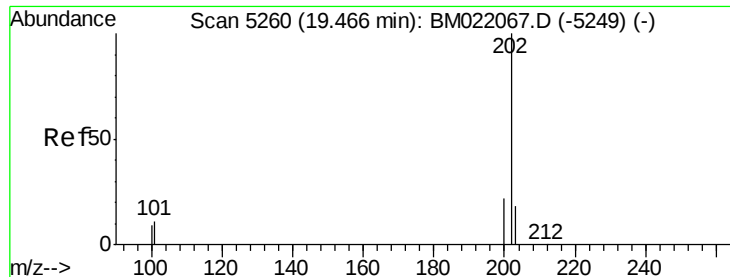
Delta R.T. -0.01 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Tgt Ion:	202	Resp:	14527
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.2
100	6.7	0.0	28.1





#17

Pyrene

Concen: 1.299 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.02 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Instrument :

BNA_M

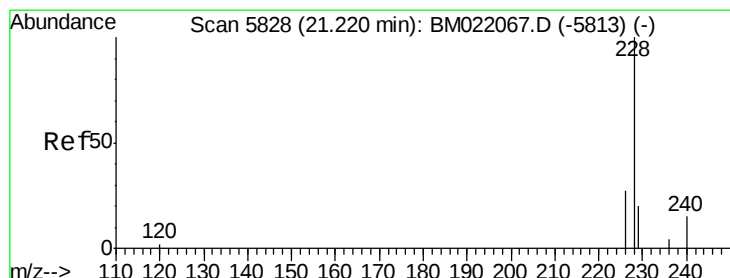
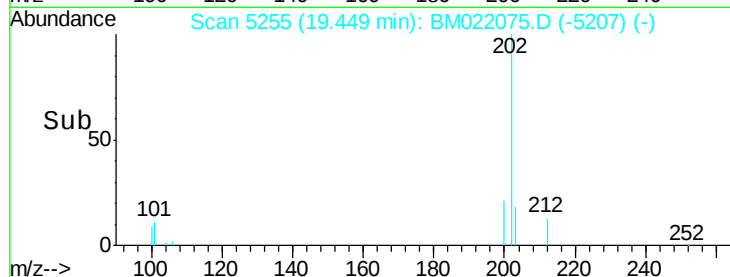
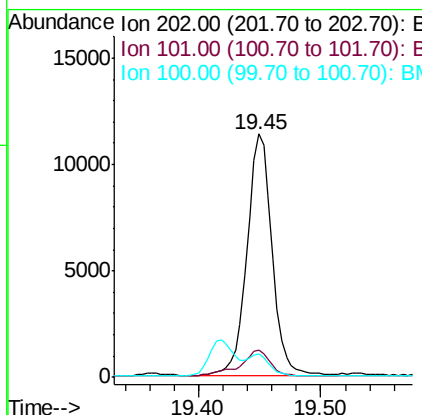
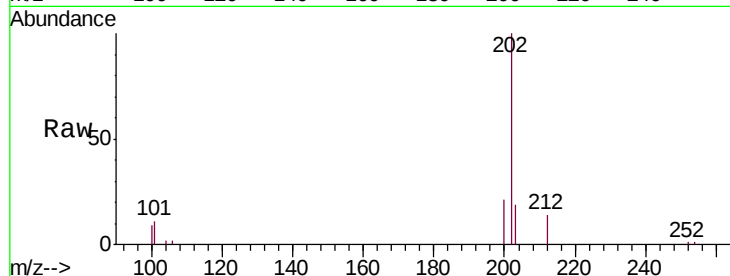
ClientSampleId :

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Tgt Ion:	202	Resp:	16167
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.3	12.5
100	9.4	7.2	10.8

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#18

Benzo(a)anthracene

Concen: 0.648 ng/ul

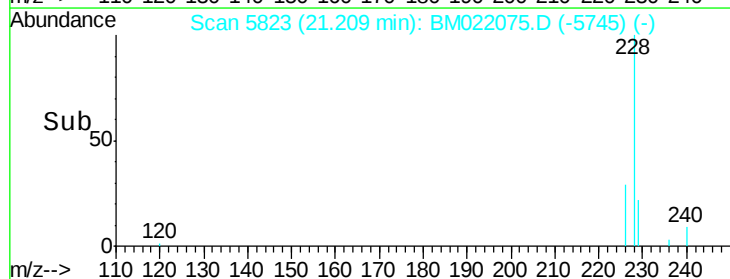
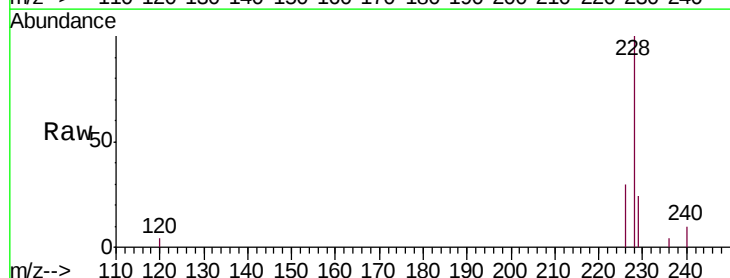
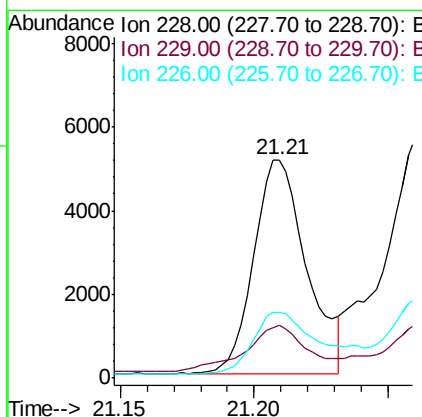
RT: 21.21 min Scan# 5823

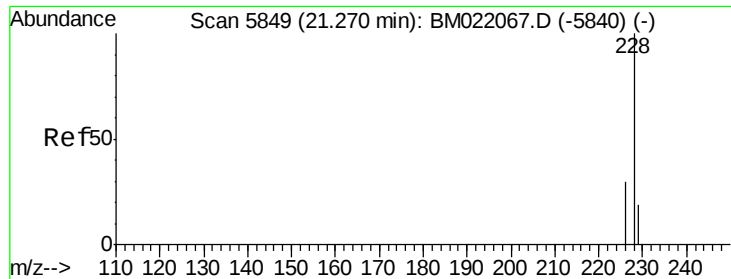
Delta R.T. -0.01 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Tgt Ion:	228	Resp:	7025
Ion Ratio	Lower	Upper	
228	100		
229	24.1	17.2	25.8
226	30.4	22.6	34.0





#19

Chrysene

Concen: 0.659 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Instrument :

BNA_M

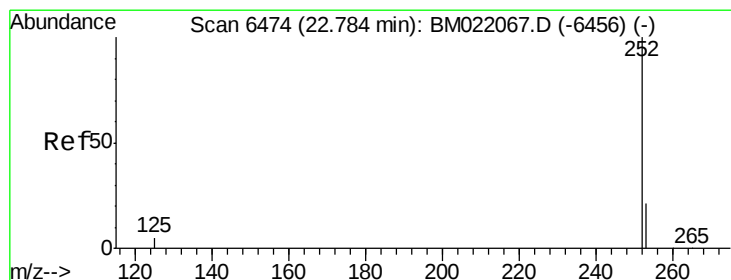
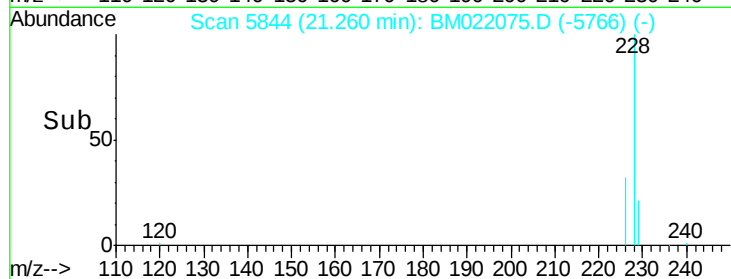
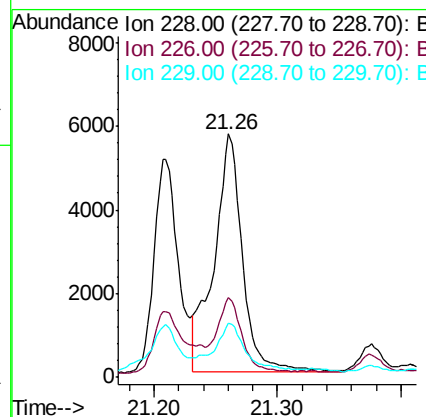
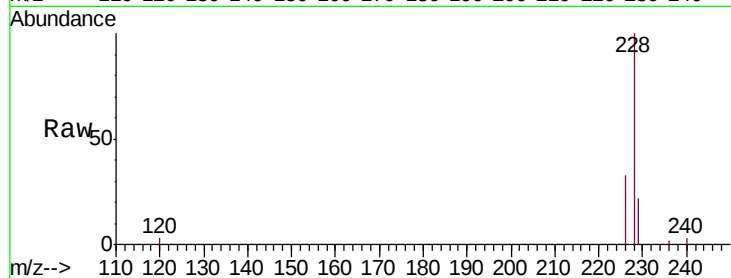
ClientSampleId :

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Tgt Ion:	228	Resp:	9185
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.9	37.3
229	22.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.080 ng/ul m

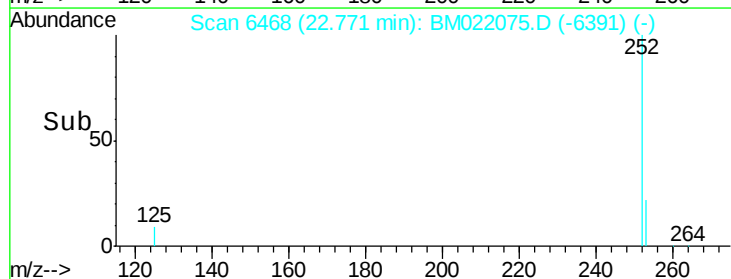
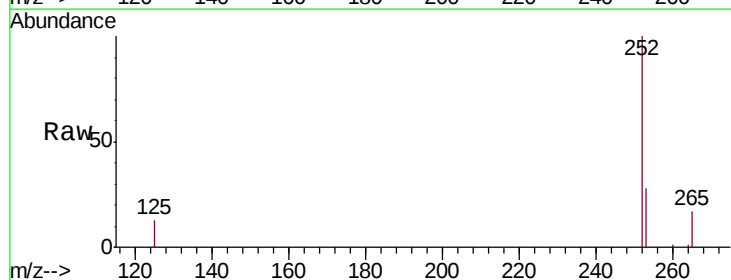
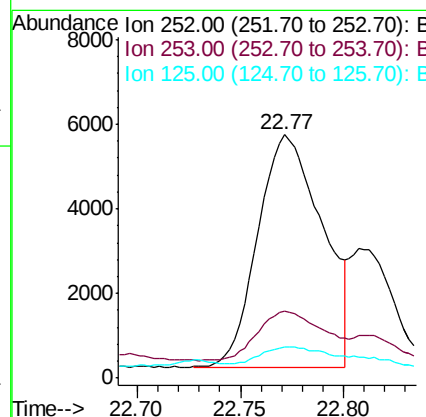
RT: 22.77 min Scan# 6468

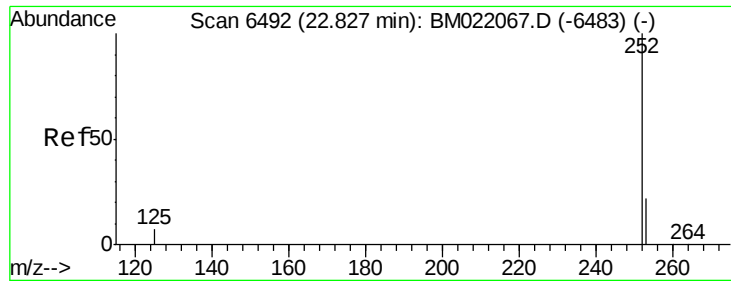
Delta R.T. -0.01 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Tgt Ion:	252	Resp:	11971
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	67.4
125	12.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.345 ng/ul m

RT: 22.81 min Scan# 6483

Delta R.T. -0.02 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Instrument :

BNA_M

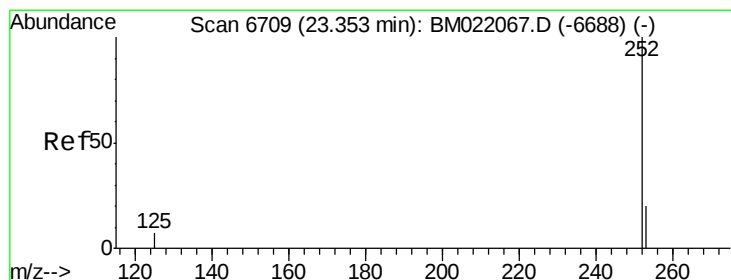
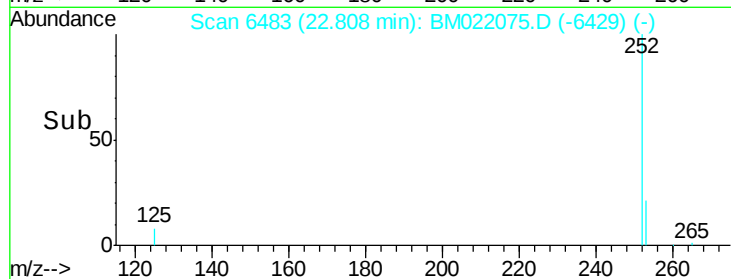
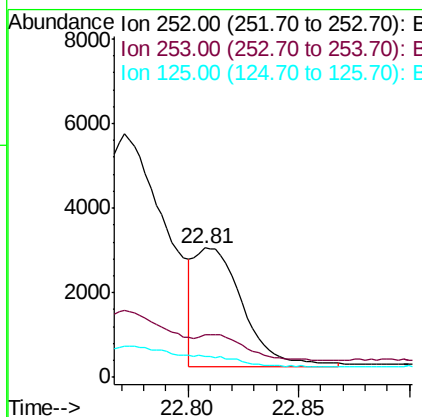
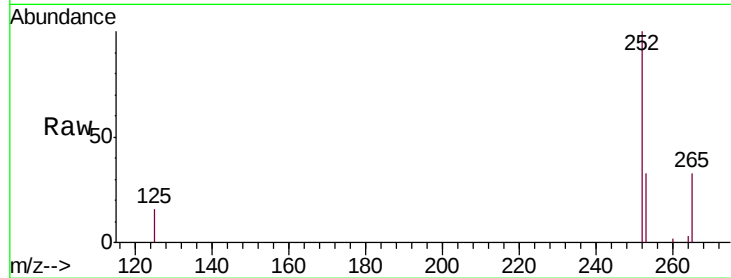
ClientSampleId :

BENT5DL

Tgt Ion:	252	Resp:	4332
Ion Ratio	Lower	Upper	
252	100		
253	33.1	27.0	40.4
125	15.8	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 0.764 ng/ul

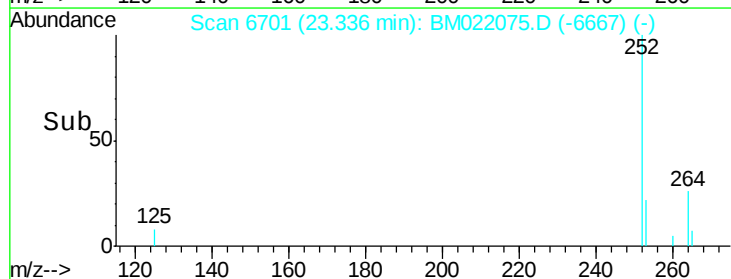
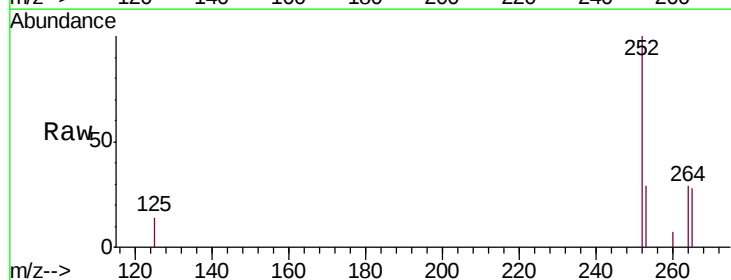
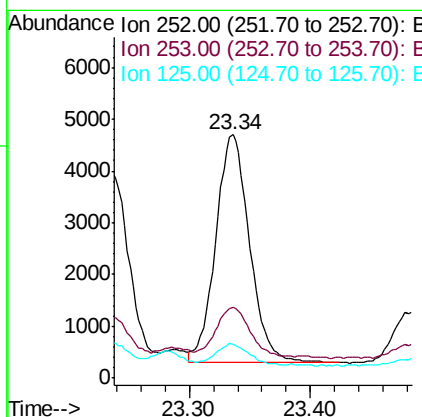
RT: 23.34 min Scan# 6701

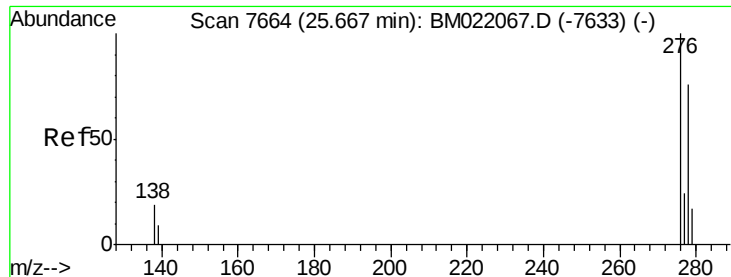
Delta R.T. -0.02 min

Lab File: BM022075.D

Acq: 13 Aug 2019 18:11

Tgt Ion:	252	Resp:	8605
Ion Ratio	Lower	Upper	
252	100		
253	29.2	31.7	47.5#
125	13.7	14.6	21.8#





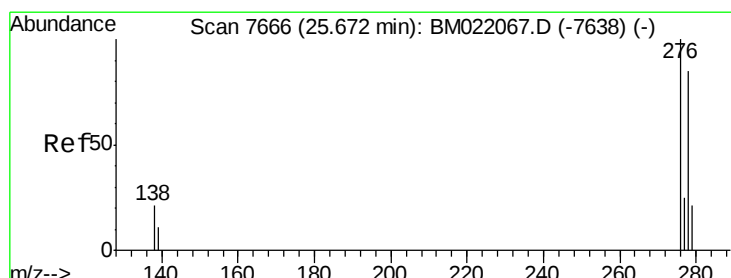
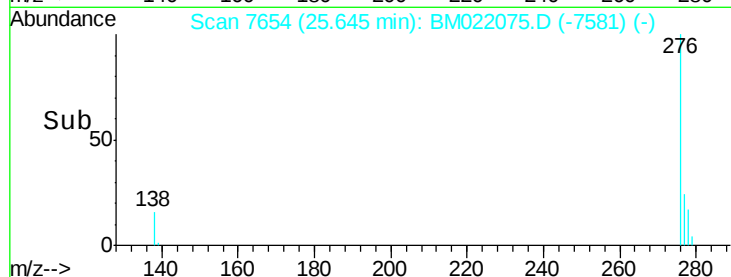
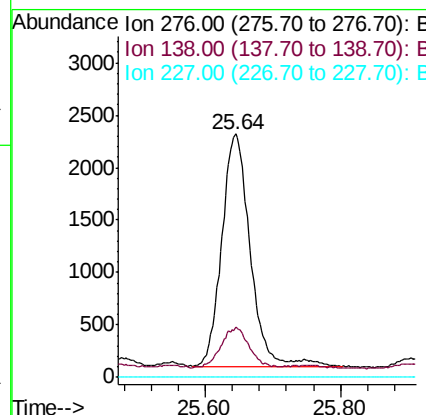
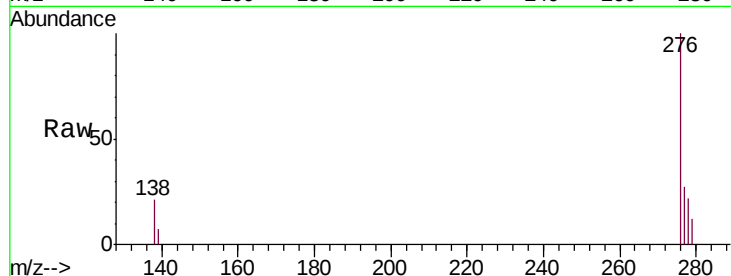
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.481 ng/u1
 RT: 25.64 min Scan# 7654
 Delta R.T. -0.02 min
 Lab File: BM022075.D
 Acq: 13 Aug 2019 18:11

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.1	22.7
227	0.0	0.0	0.0

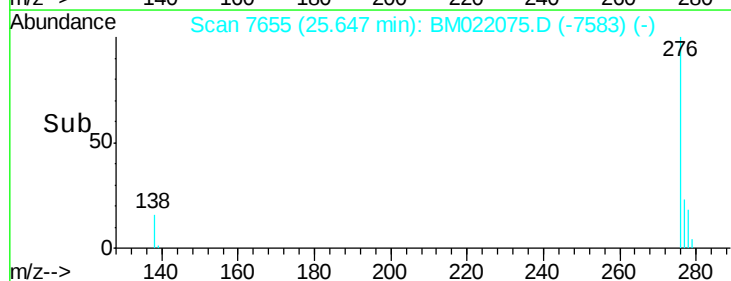
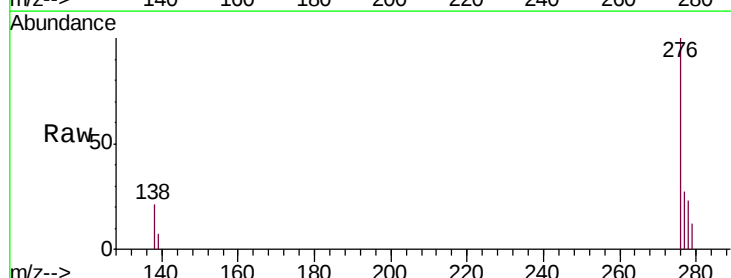
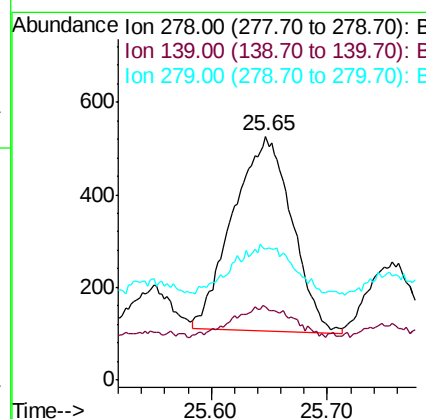
Manual Integrations
 APPROVED

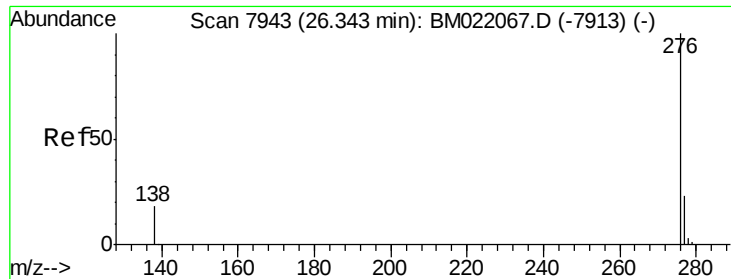
mohammad
 8/15/2019 5:07:32 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.136 ng/u1
 RT: 25.65 min Scan# 7655
 Delta R.T. -0.02 min
 Lab File: BM022075.D
 Acq: 13 Aug 2019 18:11

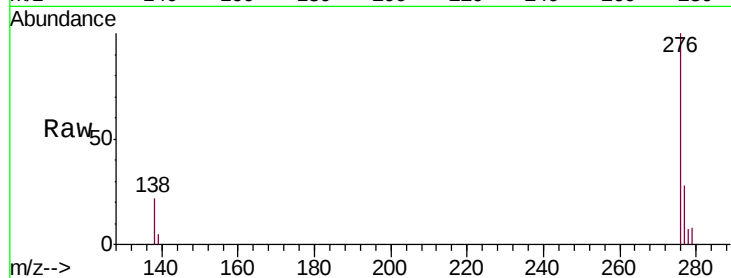
Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.8	14.2	21.2#
279	54.0	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.544 ng/ul
 RT: 26.32 min Scan# 7934
 Delta R.T. -0.02 min
 Lab File: BM022075.D
 Acq: 13 Aug 2019 18:11

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL



Tgt Ion:	276	Resp:	6592
Ion Ratio	Lower	Upper	
276	100		
138	21.8	15.5	23.3
277	27.9	21.4	32.2

Manual Integrations
 APPROVED

mohammad
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