

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021819.D
 Acq On : 04 Aug 2019 19:02
 Operator : HP/JU
 Sample : K3850-20DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS6DL

Manual Integrations
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mohammad
 8/5/2019 10:16:02 PM

Quant Time: Aug 05 07:54:26 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 05 06:57:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3473	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	1955	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4647	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4997	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	7252	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	209	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	616	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	307	0.031	ng/ul#	55
5) 2-Methylnaphthalene	12.11	142	271	0.041	ng/ul	86
7) Acenaphthylene	14.01	152	1169	0.128	ng/ul#	91
8) Acenaphthene	14.35	153	183	0.025	ng/ul#	87
9) Fluorene	15.35	166	283	0.034	ng/ul#	90
12) Phenanthrene	17.08	178	5781	0.428	ng/ul	99
13) Anthracene	17.18	178	1420	0.123	ng/ul#	86
15) Fluoranthene	19.11	202	15017	0.829	ng/ul	97
17) Pyrene	19.47	202	13730	0.669	ng/ul	99
18) Benzo(a)anthracene	21.23	228	8505	0.476	ng/ul	94
19) Chrysene	21.28	228	7621	0.332	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	12644m	0.517	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	4953m	0.179	ng/ul	
23) Benzo(a)pyrene	23.36	252	8435	0.339	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.67	276	8004	0.270	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.68	278	1701	0.071	ng/ul#	47
26) Benzo(g,h,i)perylene	26.36	276	9352	0.350	ng/ul	99

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

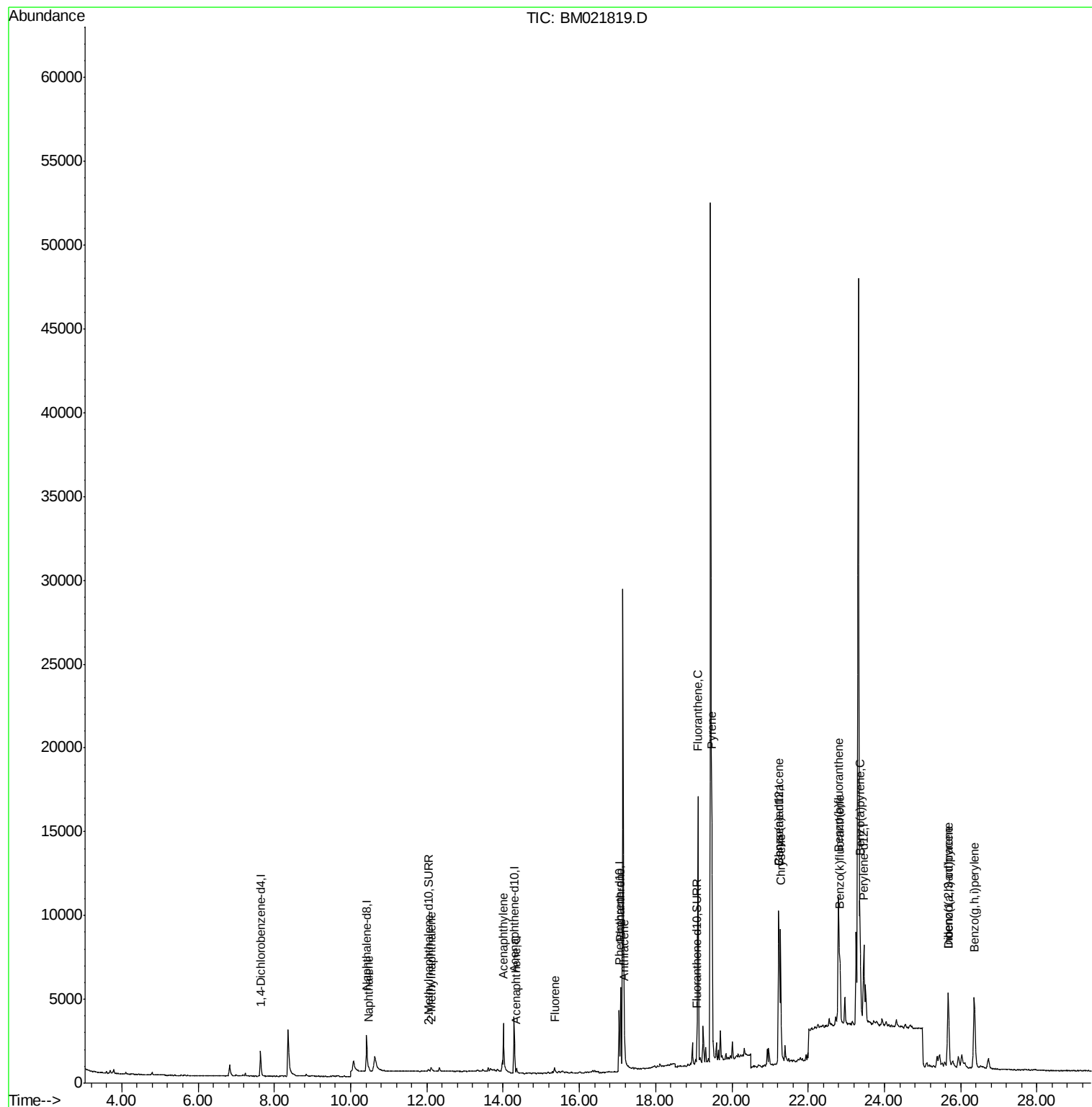
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021819.D
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ALS Vial : 62 Sample Multiplier: 1

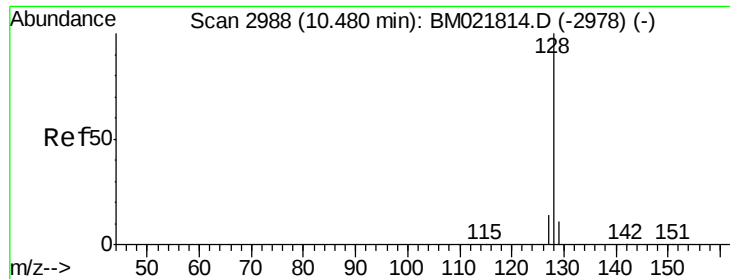
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Instrument :

BNA_M

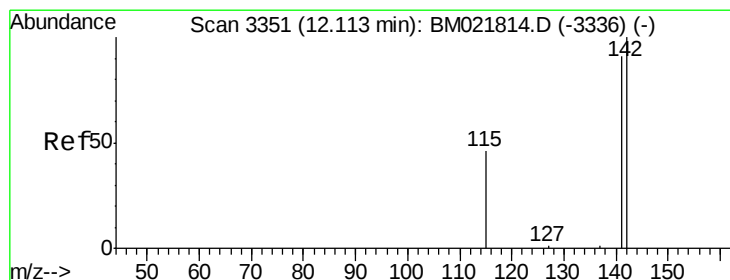
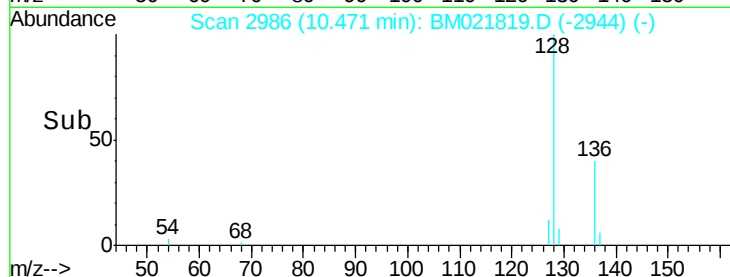
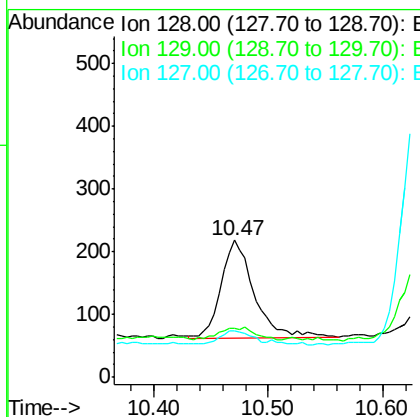
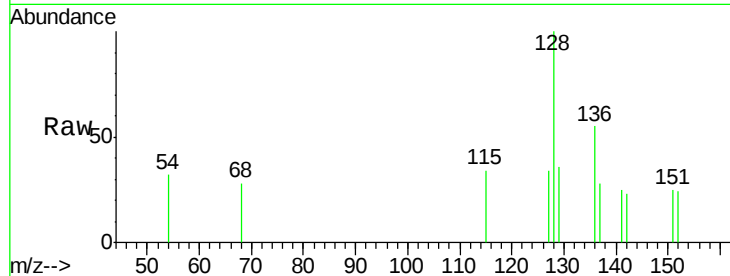
ClientSampled :

BENS6DL

Tgt Ion:	128	Resp:	307
Ion Ratio	Lower	Upper	
128	100		
129	35.8	12.3	18.5#
127	33.9	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

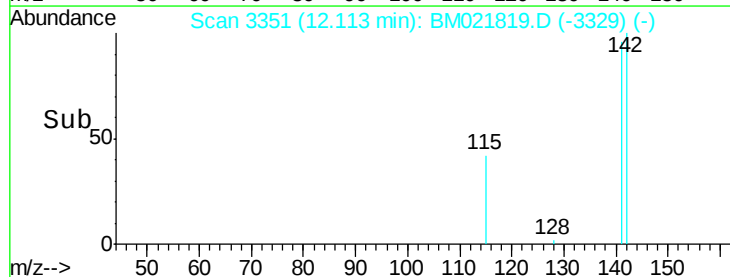
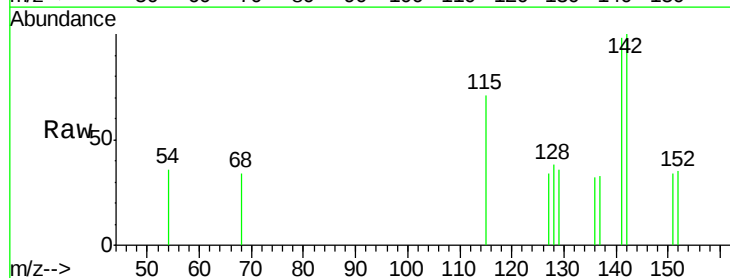
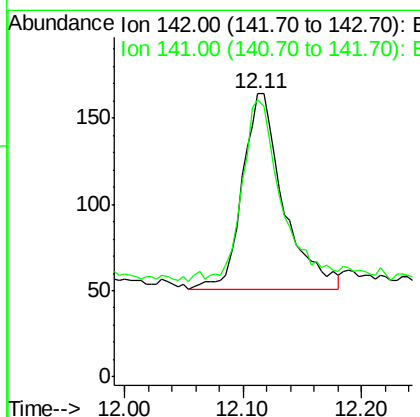
RT: 12.11 min Scan# 3351

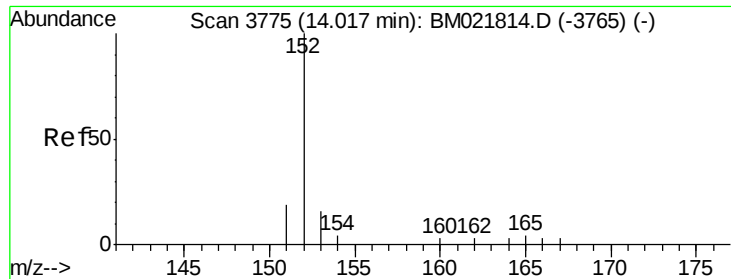
Delta R.T. -0.00 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Tgt Ion:	142	Resp:	271
Ion Ratio	Lower	Upper	
142	100		
141	79.7	74.3	111.5





#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Instrument :

BNA_M

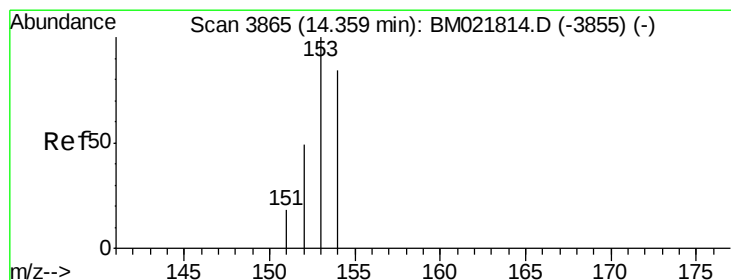
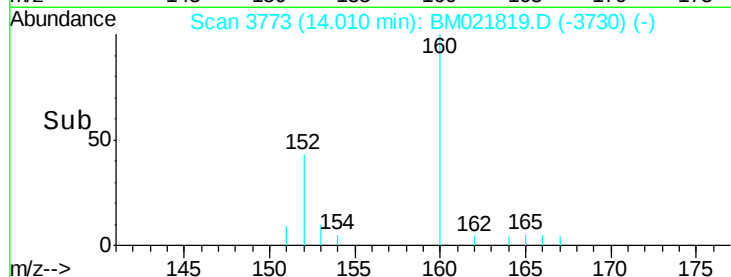
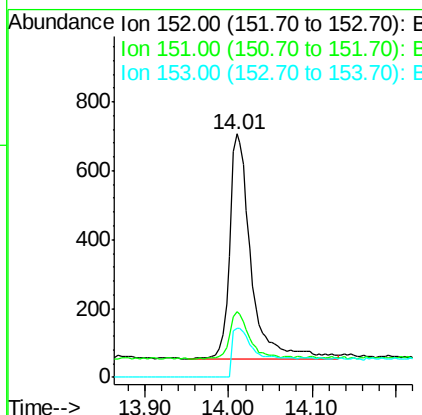
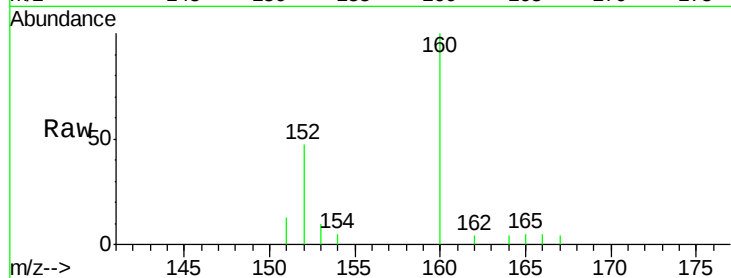
ClientSampleId :

BENS6DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.9	18.3	27.5
153	20.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.025 ng/ul

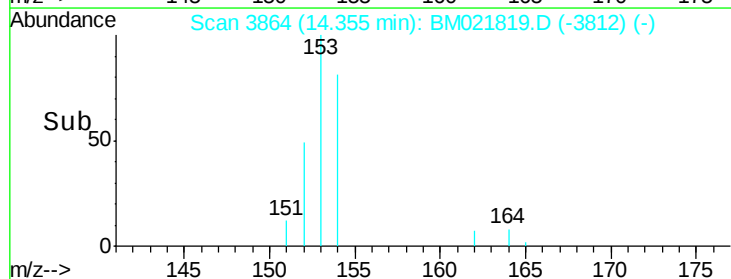
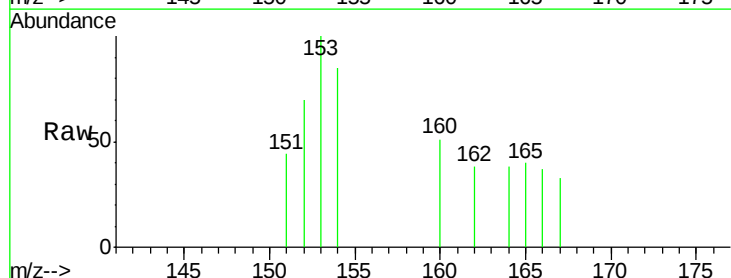
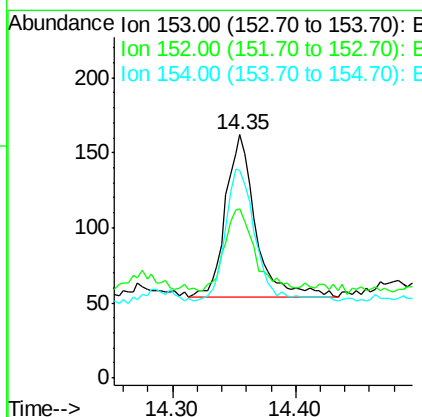
RT: 14.35 min Scan# 3864

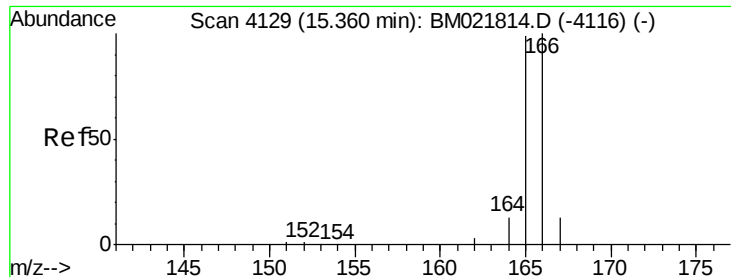
Delta R.T. -0.00 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	69.8	41.3	61.9
154	85.2	72.3	108.5





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.01 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Instrument :

BNA_M

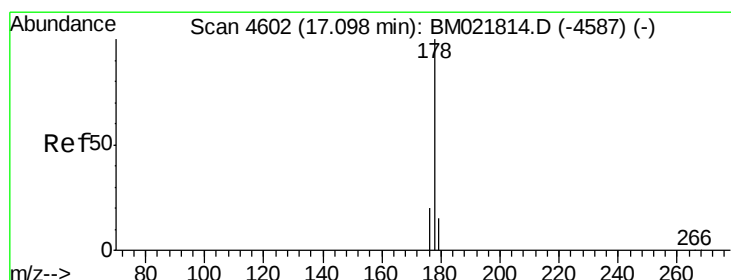
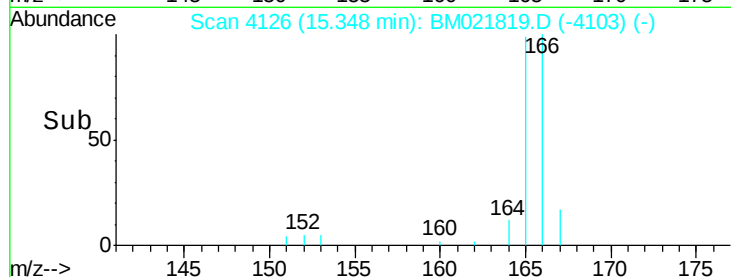
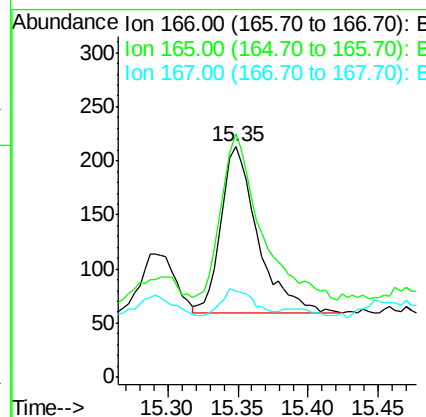
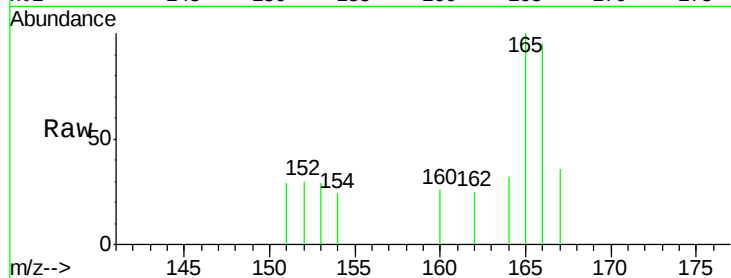
ClientSampled :

BENS6DL

Tgt Ion:	166	Resp:	283
Ion Ratio	Lower	Upper	
166	100		
165	105.6	81.4	122.0
167	37.6	13.7	20.5#

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#12

Phenanthrene

Concen: 0.428 ng/ul

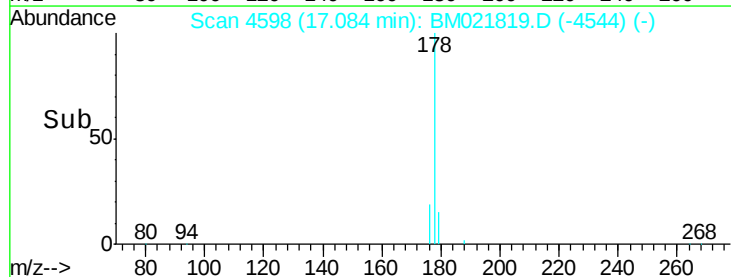
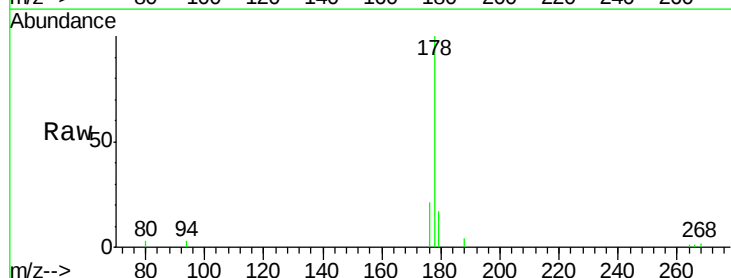
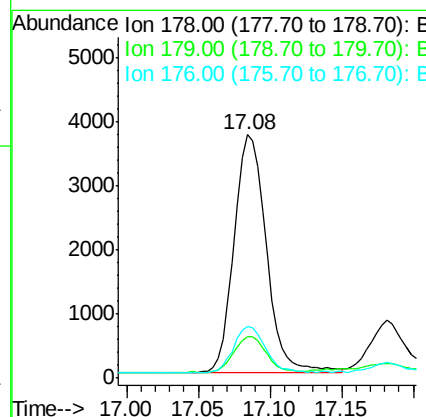
RT: 17.08 min Scan# 4598

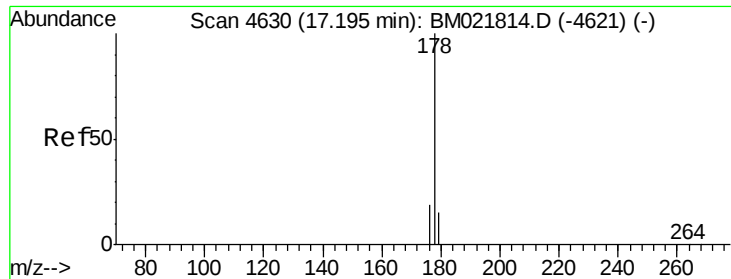
Delta R.T. -0.01 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Tgt Ion:	178	Resp:	5781
Ion Ratio	Lower	Upper	
178	100		
179	16.9	14.2	21.2
176	21.0	16.8	25.2





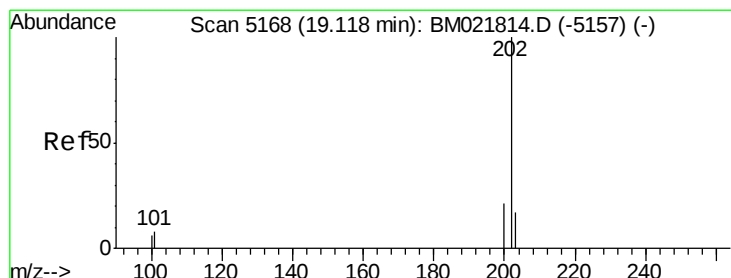
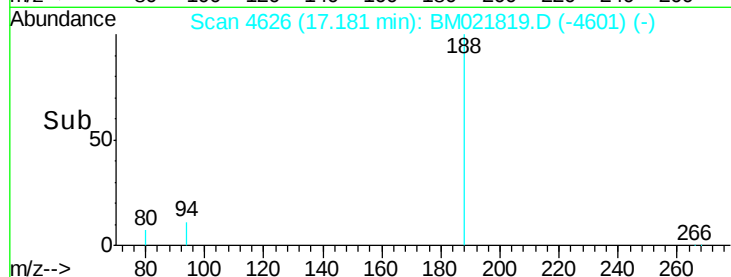
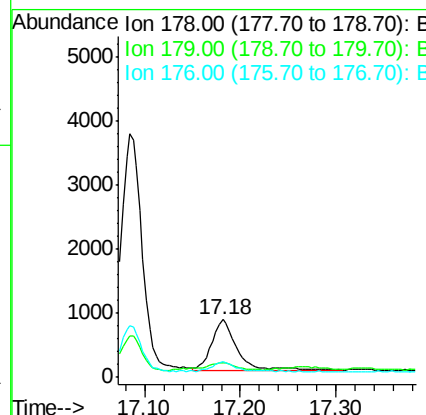
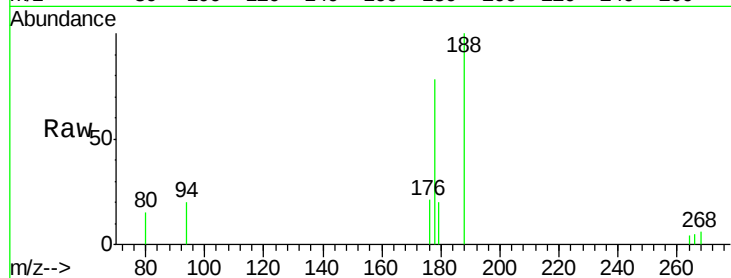
#13
 Anthracene
 Concen: 0.123 ng/ul
 RT: 17.18 min Scan# 4626
 Delta R.T. -0.01 min
 Lab File: BM021819.D
 Acq: 04 Aug 2019 19:02

Instrument :
 BNA_M
 ClientSampled :
 BENS6DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.1	15.5	23.3#
176	26.7	16.6	25.0#

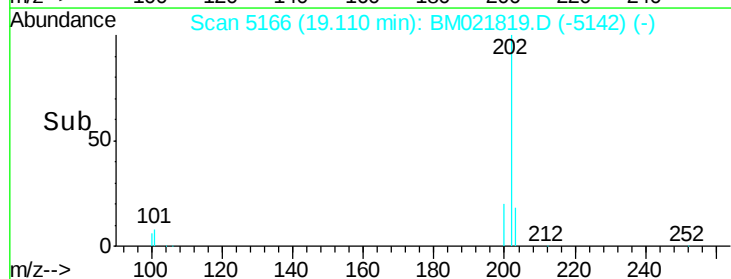
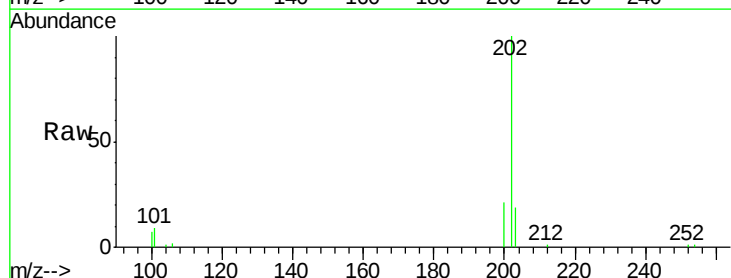
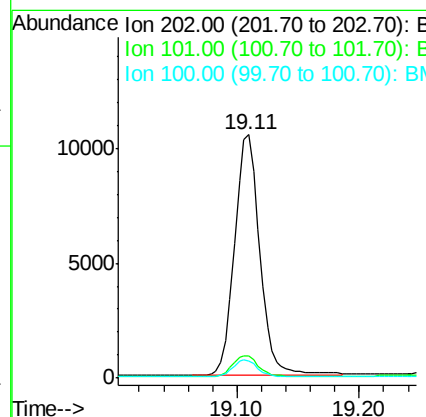
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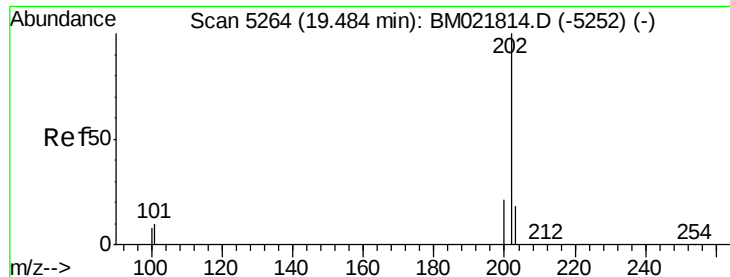
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#15
 Fluoranthene
 Concen: 0.829 ng/ul
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.01 min
 Lab File: BM021819.D
 Acq: 04 Aug 2019 19:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.2
100	7.0	0.0	28.1





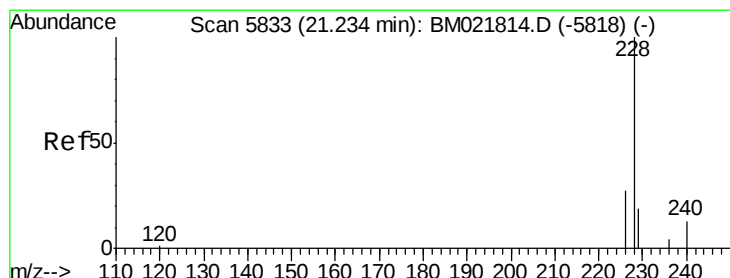
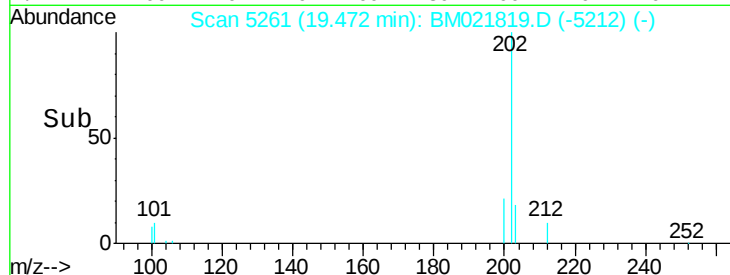
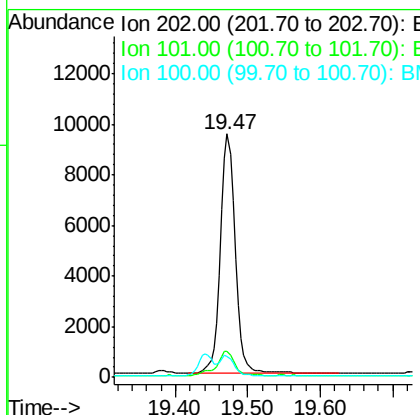
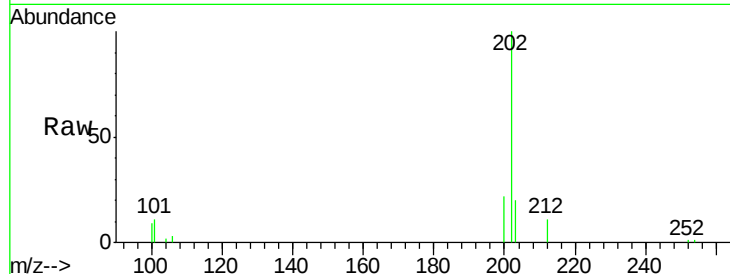
#17
Pyrene
 Concen: 0.669 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021819.D
 Acq: 04 Aug 2019 19:02

Instrument :
 BNA_M
 ClientSampleId :
 BENS6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	8.3	12.5
100	8.8	7.2	10.8

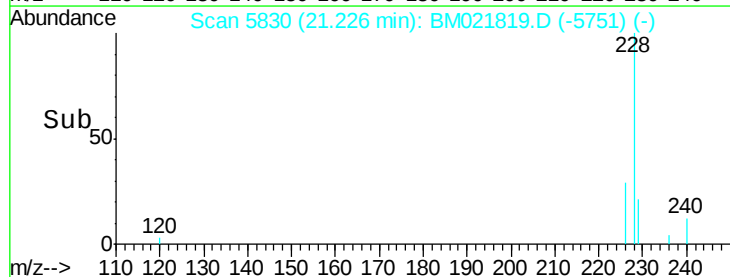
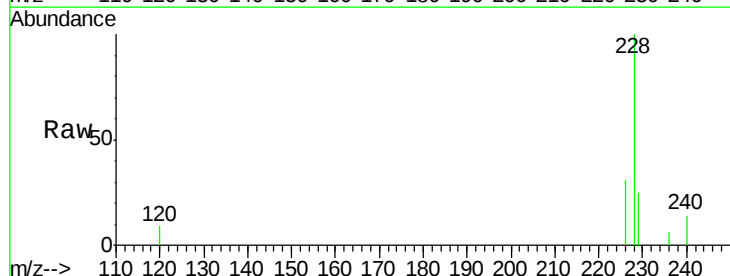
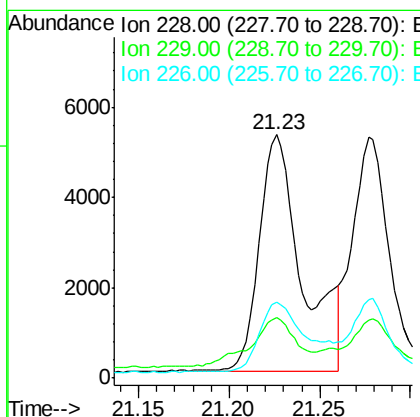
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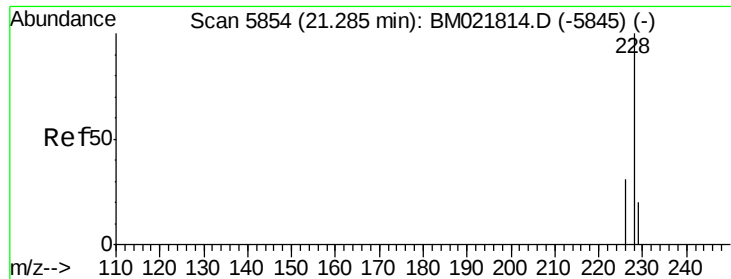
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#18
Benzo(a)anthracene
 Concen: 0.476 ng/ul
 RT: 21.23 min Scan# 5830
 Delta R.T. -0.01 min
 Lab File: BM021819.D
 Acq: 04 Aug 2019 19:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.9	17.2	25.8
226	31.1	22.6	34.0





#19

Chrysene

Concen: 0.332 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Instrument :

BNA_M

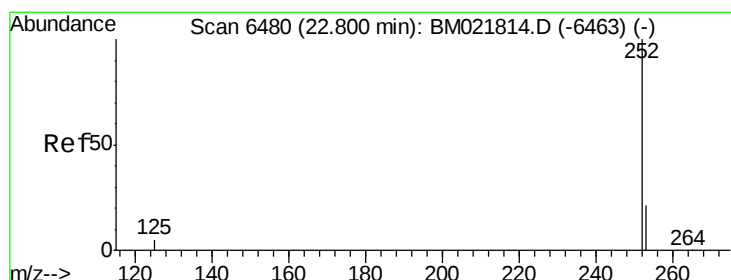
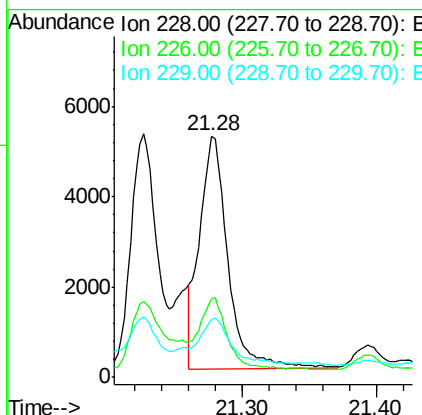
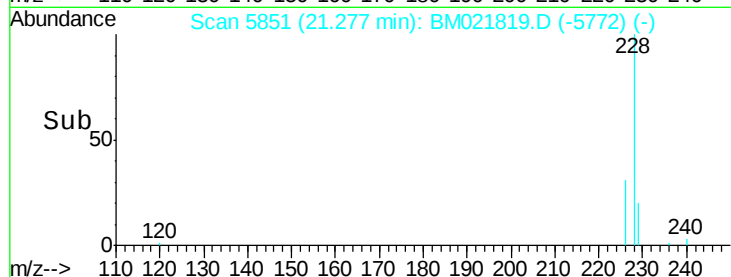
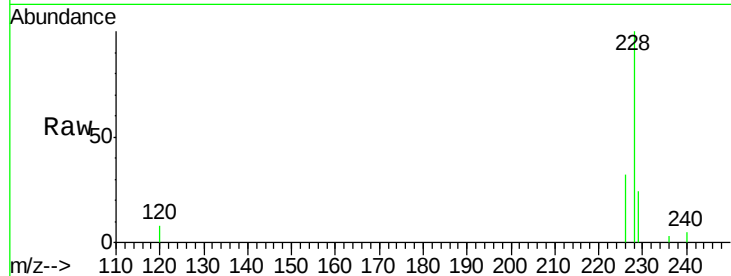
ClientSampleId :

BENS6DL

Tgt Ion:	228	Resp:	7621
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	24.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.517 ng/ul m

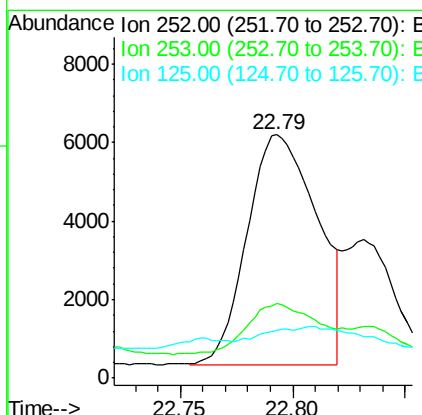
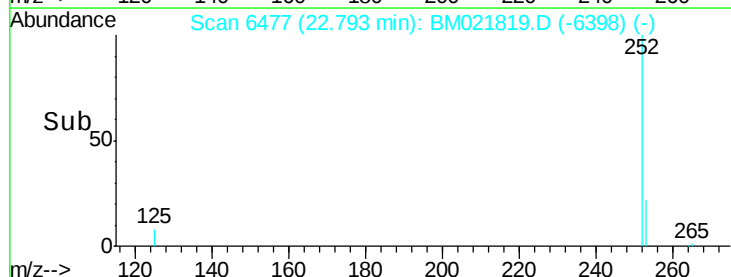
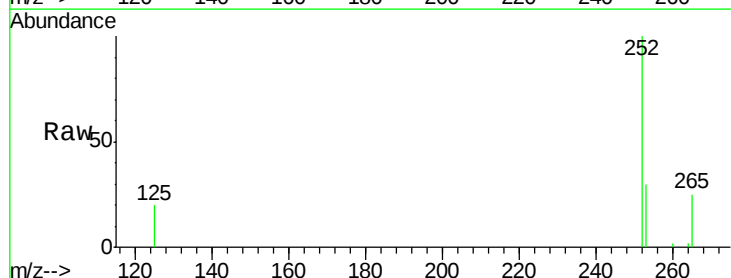
RT: 22.79 min Scan# 6477

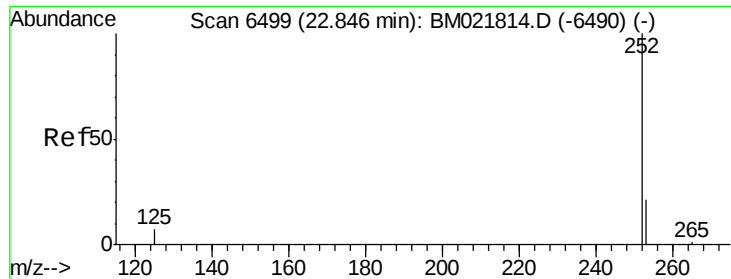
Delta R.T. -0.01 min

Lab File: BM021819.D

Acq: 04 Aug 2019 19:02

Tgt Ion:	252	Resp:	12644
Ion Ratio	Lower	Upper	
252	100		
253	30.5	0.0	67.4
125	19.7	0.0	31.0





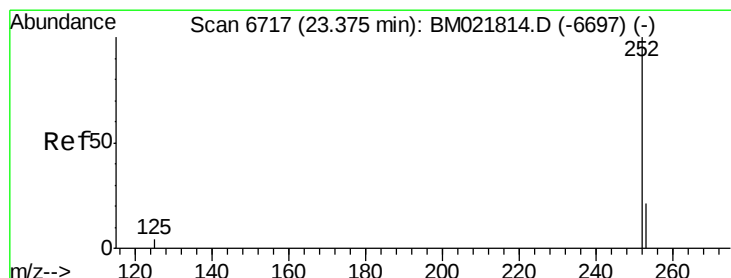
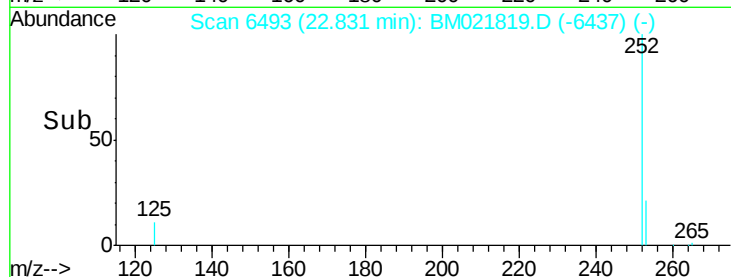
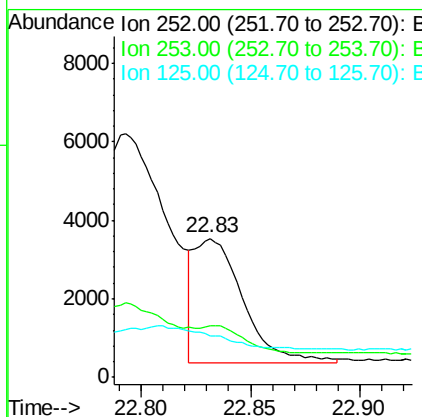
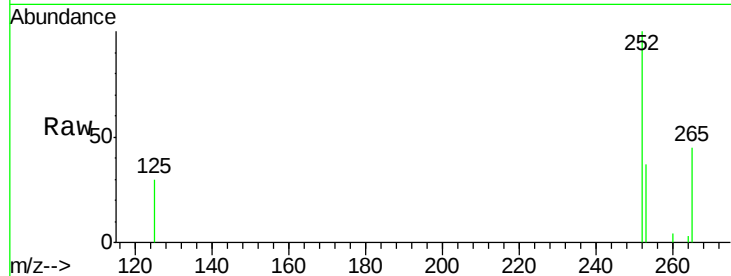
#22
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.01 min
Lab File: BM021819.D
Acq: 04 Aug 2019 19:02

Instrument :
BNA_M
ClientSampleId :
BENS6DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.9	27.0	40.4
125	30.0	12.2	18.2

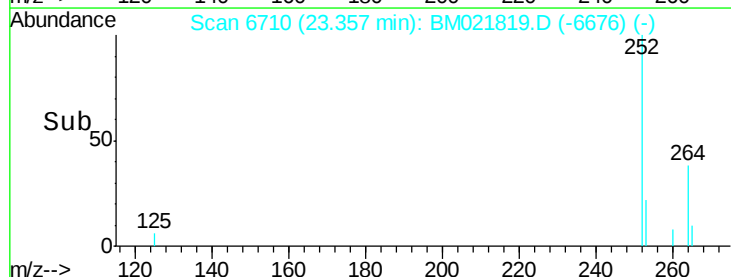
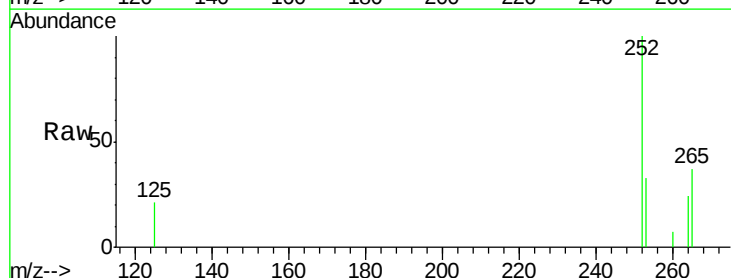
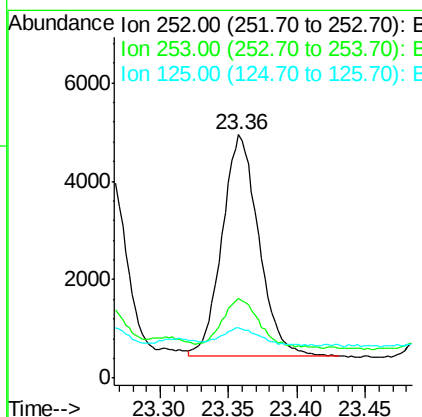
Manual Integrations
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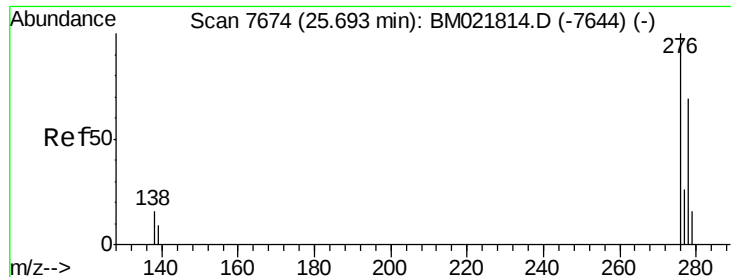
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#23
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.36 min Scan# 6710
Delta R.T. -0.02 min
Lab File: BM021819.D
Acq: 04 Aug 2019 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	31.7	47.5
125	20.7	14.6	21.8





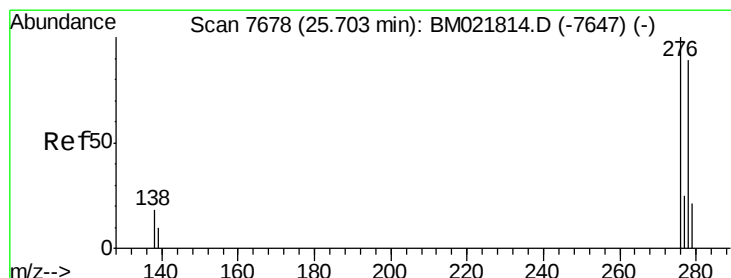
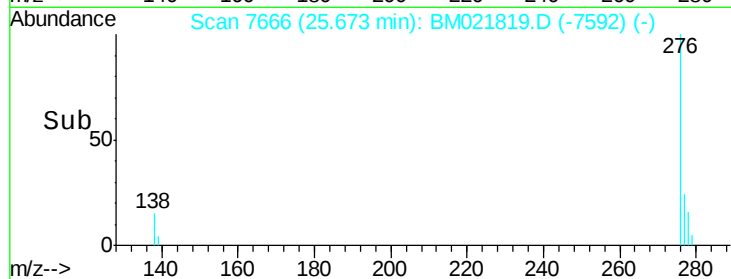
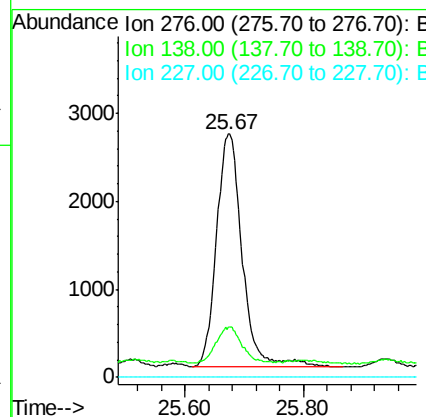
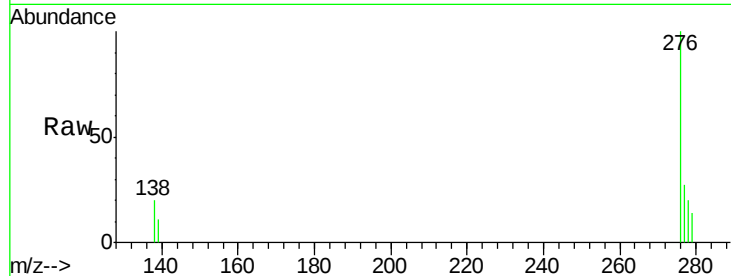
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.270 ng/u1
 RT: 25.67 min Scan# 7666
 Delta R.T. -0.02 min
 Lab File: BM021819.D
 Acq: 04 Aug 2019 19:02

Instrument :
 BNA_M
 ClientSampleId :
 BENS6DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	15.1	22.7
227	0.0	0.0	0.0

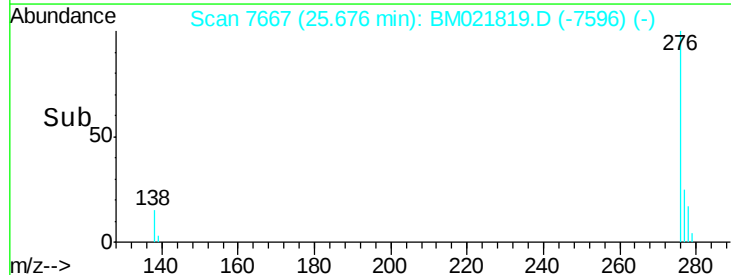
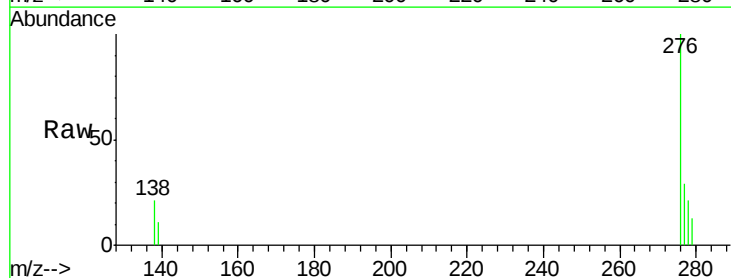
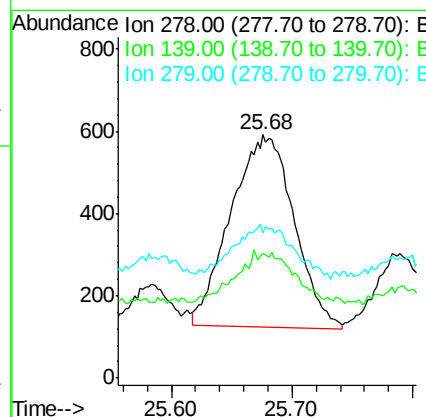
Manual Integrations
 APPROVED

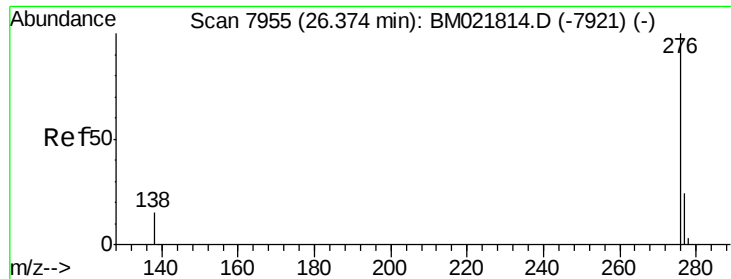
mohammad
 8/5/2019 10:16:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/u1
 RT: 25.68 min Scan# 7667
 Delta R.T. -0.03 min
 Lab File: BM021819.D
 Acq: 04 Aug 2019 19:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	51.0	14.2	21.2#
279	59.8	28.3	42.5#





#26

Benzo(g,h,i)perylene

Concen: 0.350 ng/ul

RT: 26.36 min Scan# 7949

Delta R.T. -0.01 min

Lab File: BM021819.D

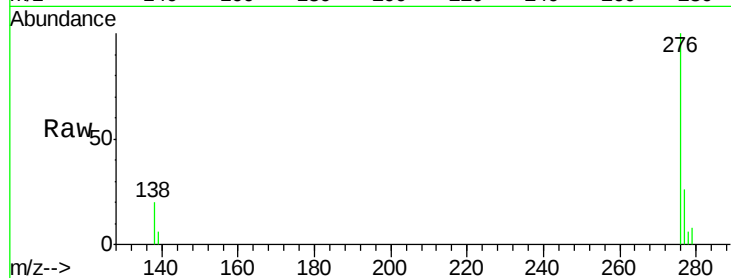
Acq: 04 Aug 2019 19:02

Instrument :

BNA_M

ClientSampleId :

BENS6DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	19.7	15.5	23.3	
277	26.0	21.4	32.2	

Manual Integrations
APPROVED

mohammad
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