

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025510.D
 Acq On : 12 Mar 2020 02:34
 Operator : CG/JU
 Sample : L1827-04
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFR34

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:50:16 AM

Quant Time: Mar 12 03:46:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3077	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10555	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	23380m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	16609	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	15465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	11315	0.46	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	33111	0.51	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	588847	14.461	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	15748	0.541	ng/ul	99
7) Acenaphthylene	14.00	152	17410	0.404	ng/ul#	87
8) Acenaphthene	14.35	153	406392	10.744	ng/ul	98
9) Fluorene	15.34	166	420312	9.119	ng/ul	99
12) Phenanthrene	17.07	178	1107260	14.944	ng/ul	100
13) Anthracene	17.16	178	72826	1.129	ng/ul	99
15) Fluoranthene	19.09	202	255755	3.184	ng/ul	98
17) Pyrene	19.45	202	146428	1.964	ng/ul	96
18) Benzo(a)anthracene	21.20	228	2312	0.039	ng/ul#	88

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

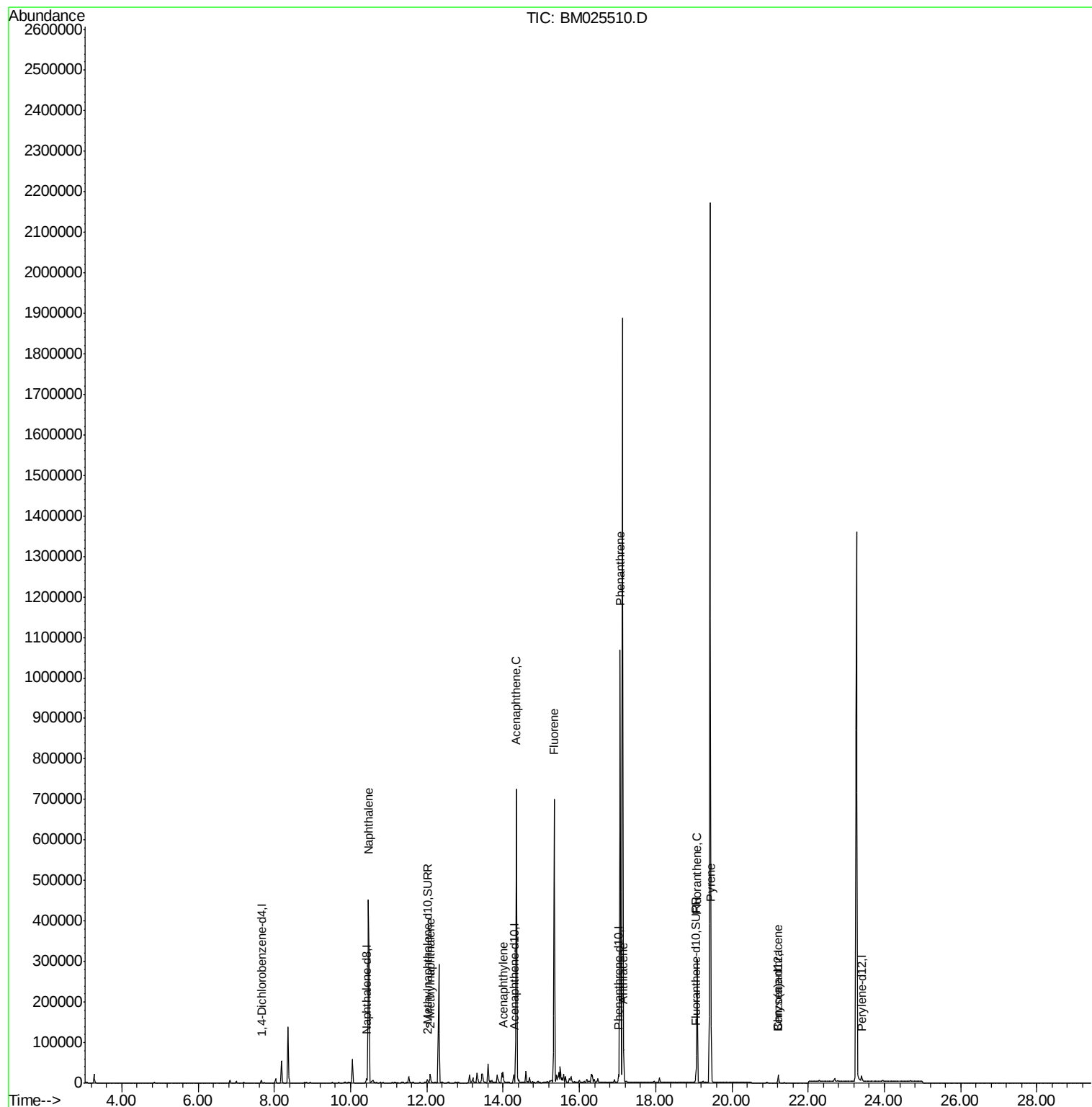
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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Misc :
ALS Vial : 103 Sample Multiplier: 1

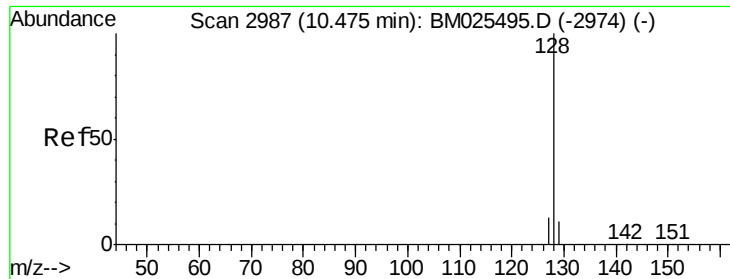
Instrument :
BNA_M
ClientSampleId :
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#3

Naphthalene

Concen: 14.461 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM025510.D

Acq: 12 Mar 2020 02:34

Instrument :

BNA_M

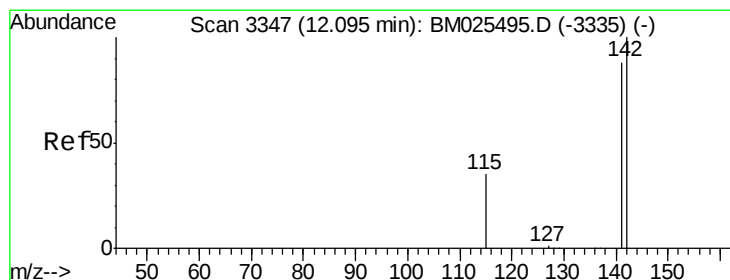
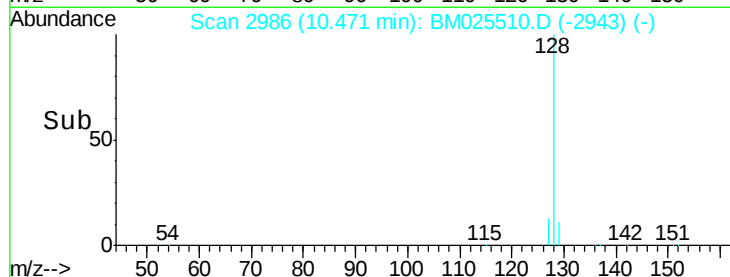
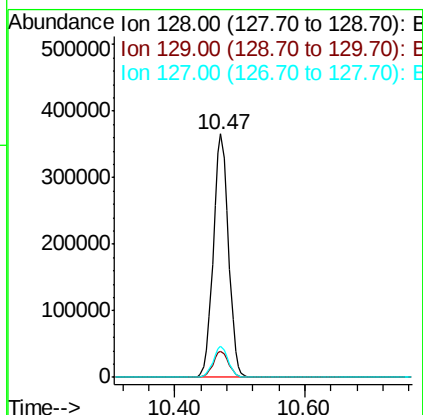
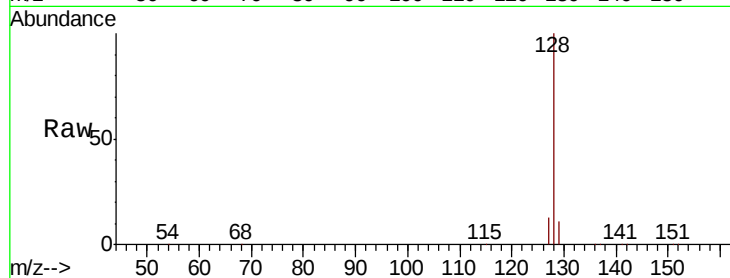
ClientSampleId :

BFR34

Tot Ion:	128	Resp:	588847
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.8	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.541 ng/ul

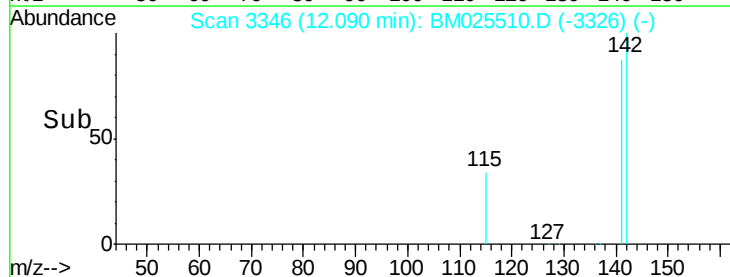
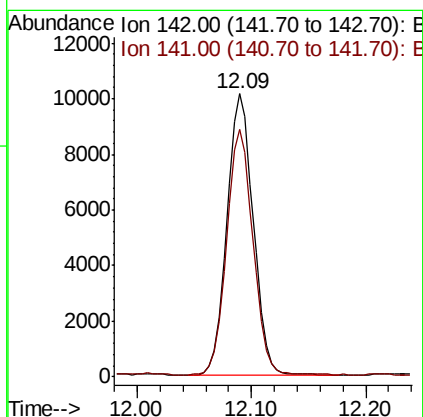
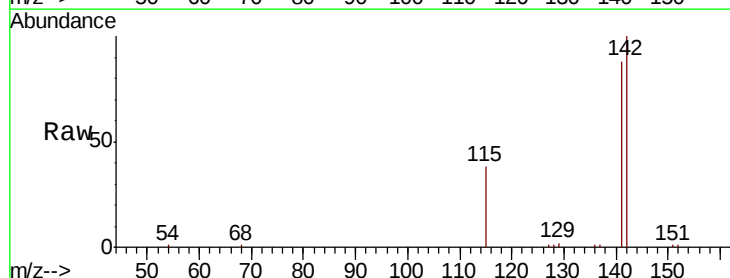
RT: 12.09 min Scan# 3346

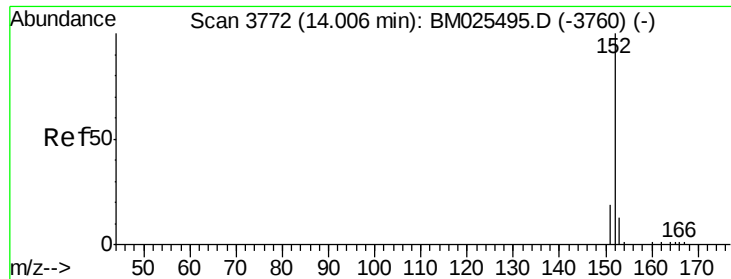
Delta R.T. -0.01 min

Lab File: BM025510.D

Acq: 12 Mar 2020 02:34

Tgt Ion:	142	Resp:	15748
Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.6





#7

Acenaphthylene

Concen: 0.404 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025510.D

Acq: 12 Mar 2020 02:34

Instrument :

BNA_M

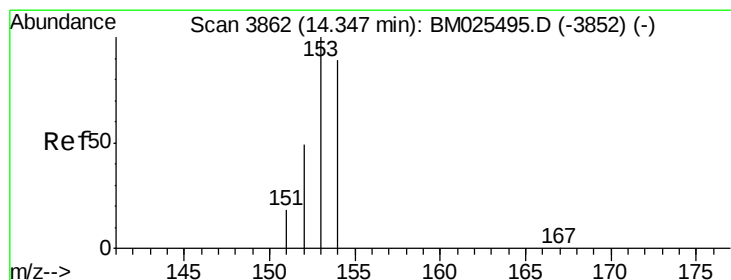
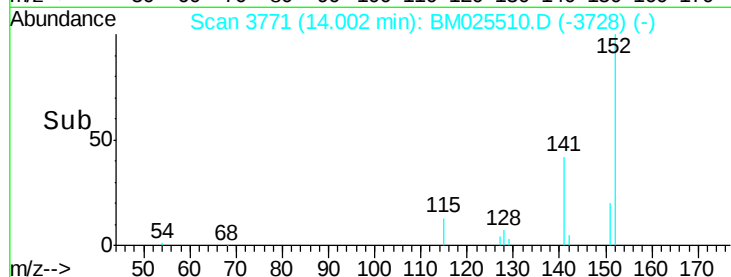
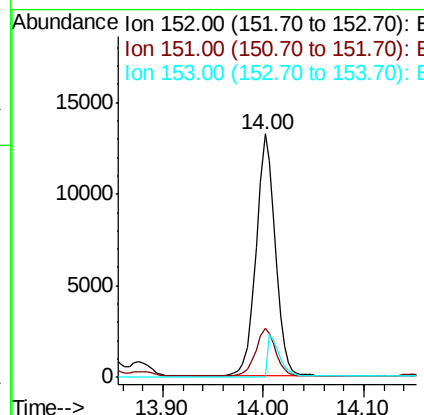
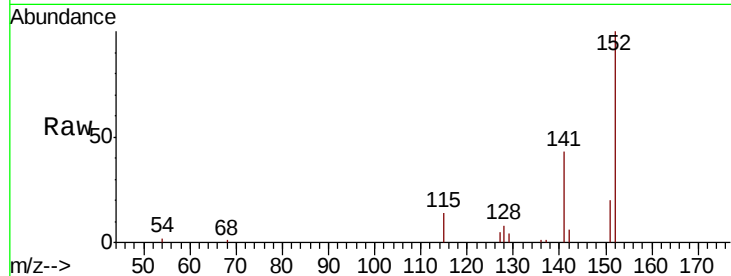
ClientSampleId :

BFR34

Tot Ion:	152	Resp:	17410
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 10.744 ng/ul

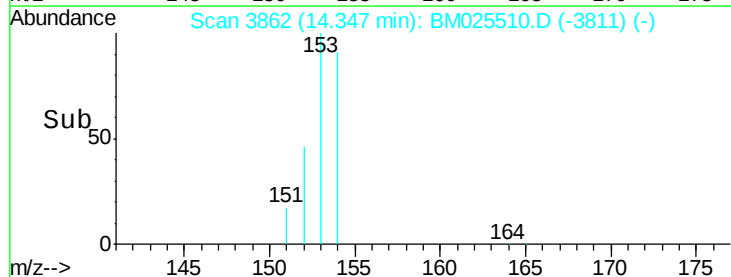
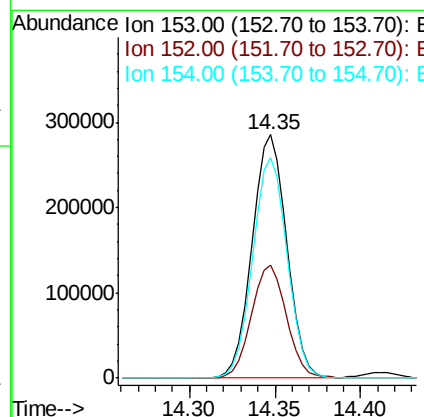
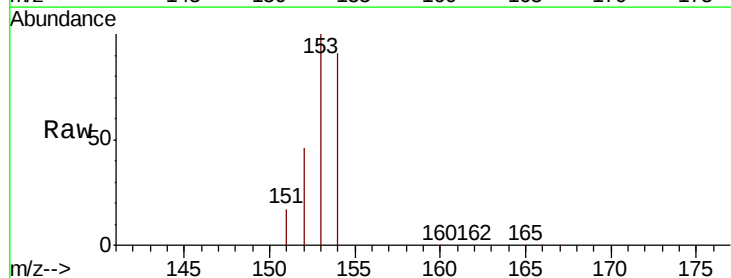
RT: 14.35 min Scan# 3862

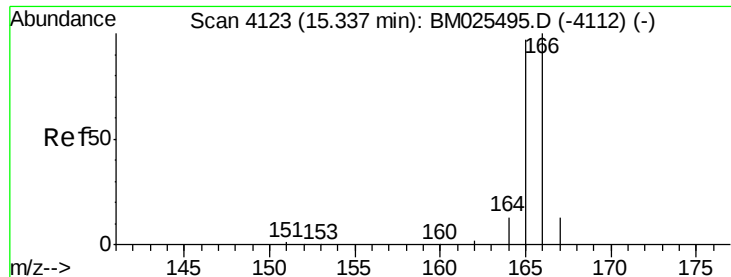
Delta R.T. -0.01 min

Lab File: BM025510.D

Acq: 12 Mar 2020 02:34

Tgt Ion:	153	Resp:	406392
Ion Ratio	Lower	Upper	
153	100		
152	46.2	39.5	59.3
154	90.8	71.7	107.5





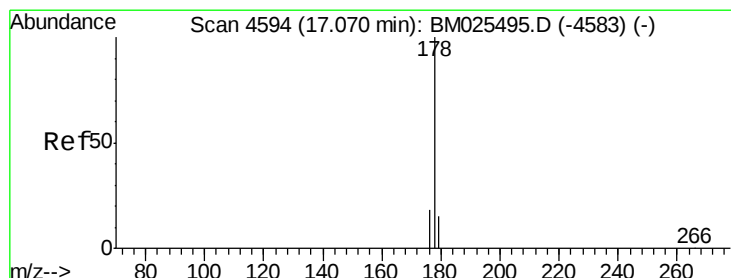
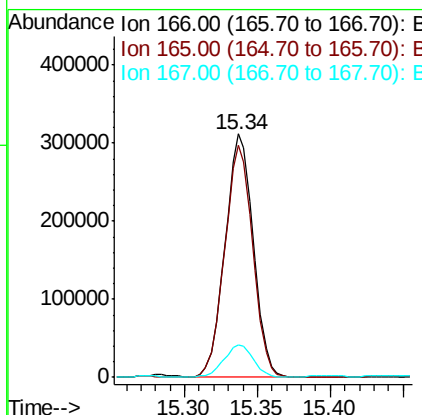
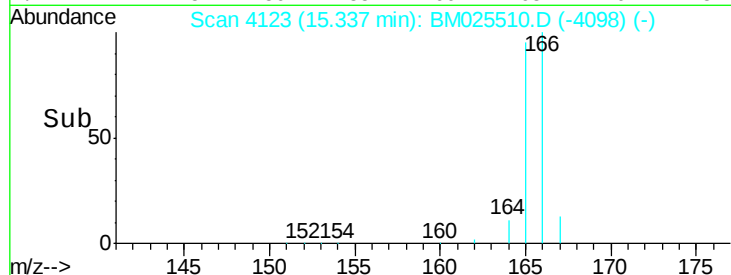
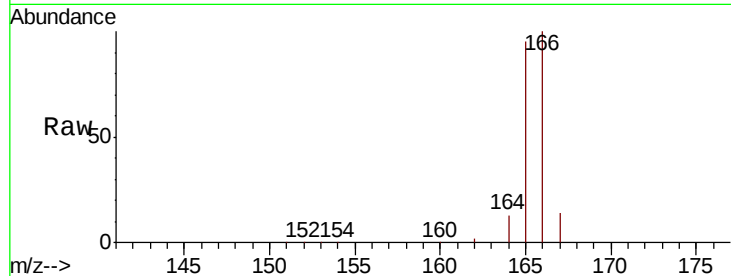
#9
Fluorene
 Concen: 9.119 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. -0.01 min
 Lab File: BM025510.D
 Acq: 12 Mar 2020 02:34

Instrument :
 BNA_M
 ClientSampleId :
 BFR34

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.8	115.2
167	13.6	11.2	16.8

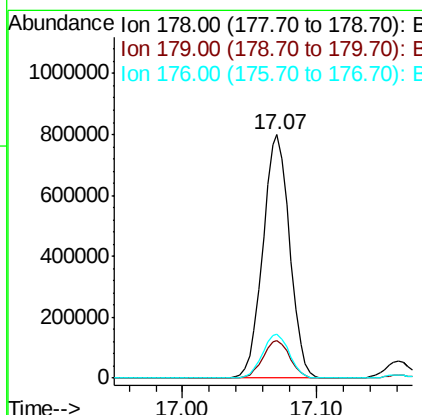
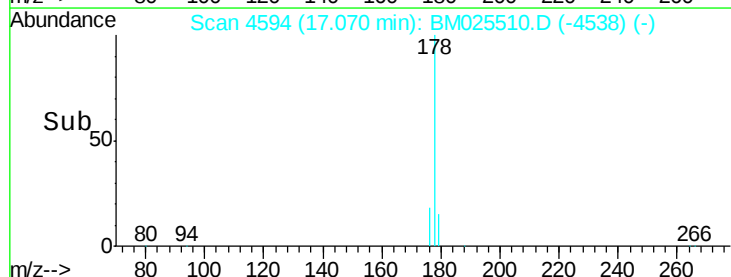
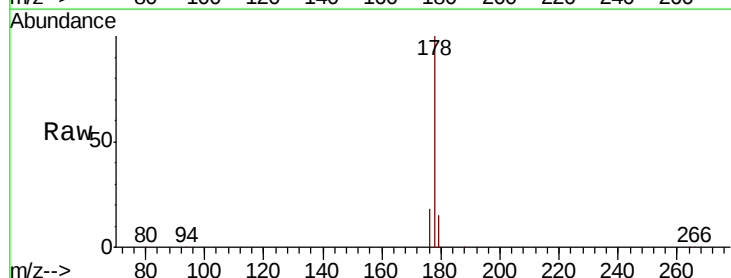
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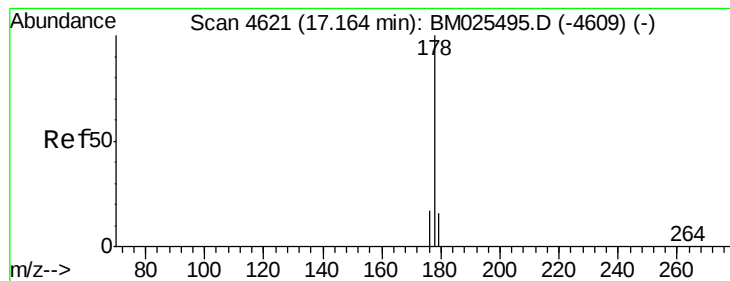
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#12
Phenanthrene
 Concen: 14.944 ng/ul
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.01 min
 Lab File: BM025510.D
 Acq: 12 Mar 2020 02:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.2	14.8	22.2





#13

Anthracene

Concen: 1.129 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. -0.01 min

Lab File: BM025510.D

Acq: 12 Mar 2020 02:34

Instrument :

BNA_M

ClientSampleId :

BFR34

Tot Ion:178 Resp: 72826

Ion Ratio Lower Upper

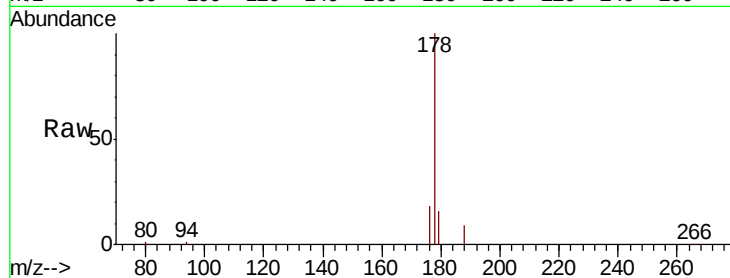
178 100

179 16.0 12.6 18.8

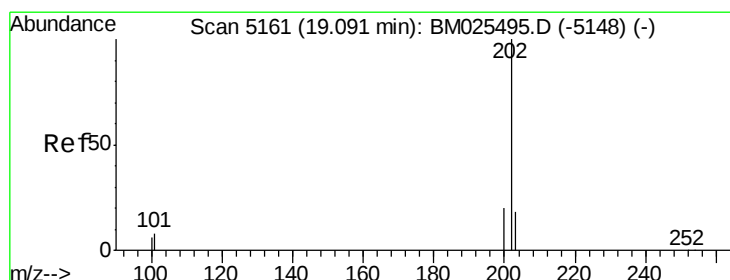
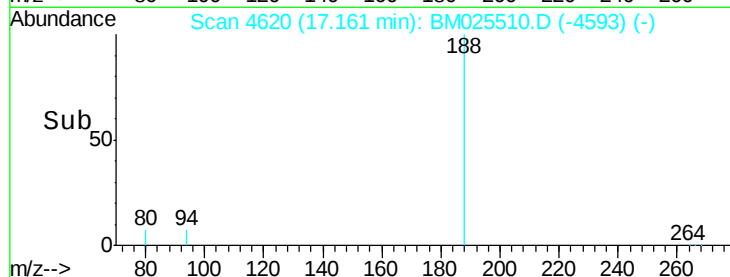
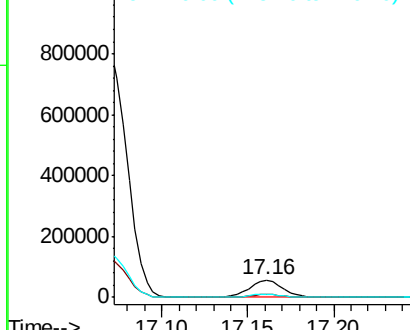
176 17.9 14.5 21.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 3.184 ng/ul

RT: 19.09 min Scan# 5160

Delta R.T. -0.01 min

Lab File: BM025510.D

Acq: 12 Mar 2020 02:34

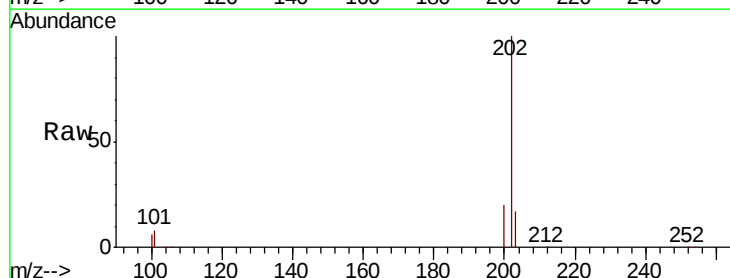
Tgt Ion:202 Resp: 255755

Ion Ratio Lower Upper

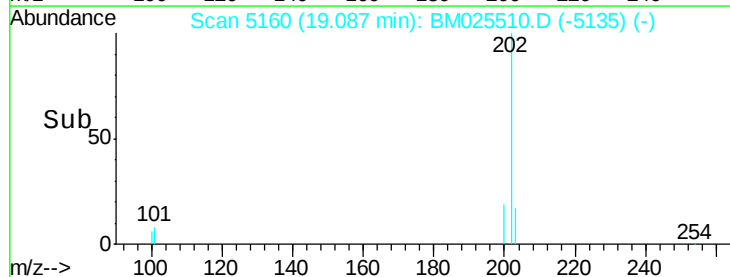
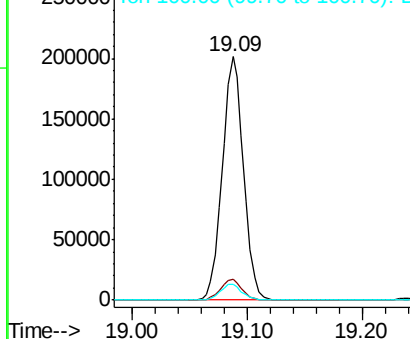
202 100

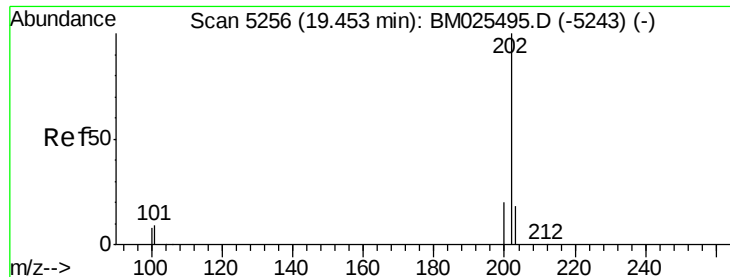
101 8.4 0.0 27.5

100 6.4 0.0 26.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





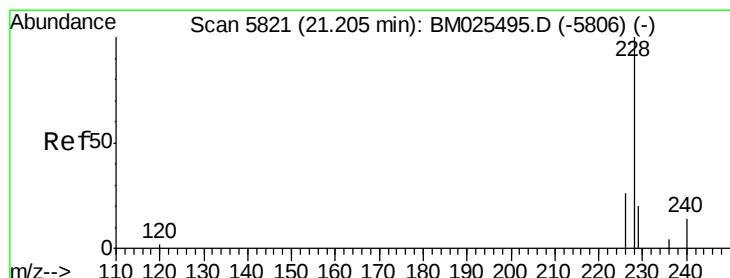
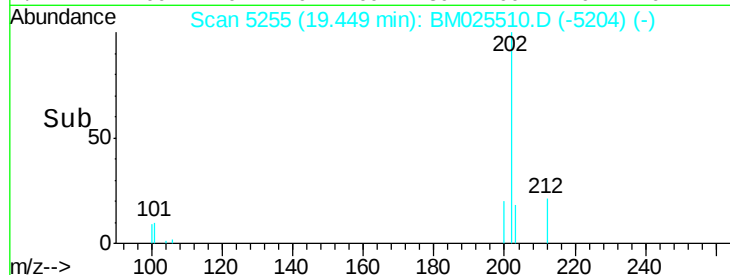
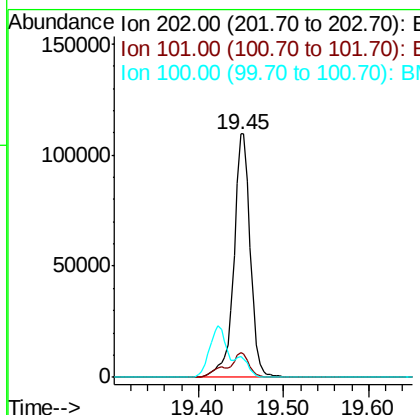
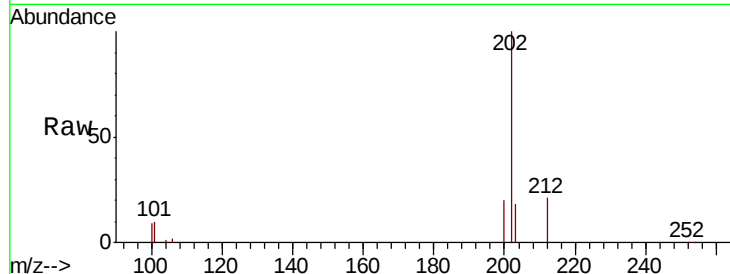
#17
Pvrene
Concen: 1.964 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.01 min
Lab File: BM025510.D
Acq: 12 Mar 2020 02:34

Instrument :
BNA_M
ClientSampled :
BFR34

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	7.1	10.7
100	8.7	6.0	9.0

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#18
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.01 min
Lab File: BM025510.D
Acq: 12 Mar 2020 02:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	26.3	15.6	23.4#
226	31.1	21.1	31.7

