

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025275.D
 Acq On : 05 Mar 2020 06:47
 Operator : CG/JU
 Sample : L1543-01
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD57

Manual Integrations
 APPROVED

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Quant Time: Mar 05 13:58:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3589	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15614	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11617	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	27687m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	28019	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	27072	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9339	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	27003	0.30	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.36	153	4065	0.096	ng/ul	99
9) Fluorene	15.35	166	5593	0.106	ng/ul	94
12) Phenanthrene	17.08	178	38231	0.428	ng/ul	95
13) Anthracene	17.17	178	2780	0.035	ng/ul#	95
15) Fluoranthene	19.10	202	32278	0.289	ng/ul	97
17) Pyrene	19.47	202	19962m	0.188	ng/ul	
18) Benzo(a)anthracene	21.21	228	2997	0.029	ng/ul	97
19) Chrysene	21.27	228	3087	0.027	ng/ul	96

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

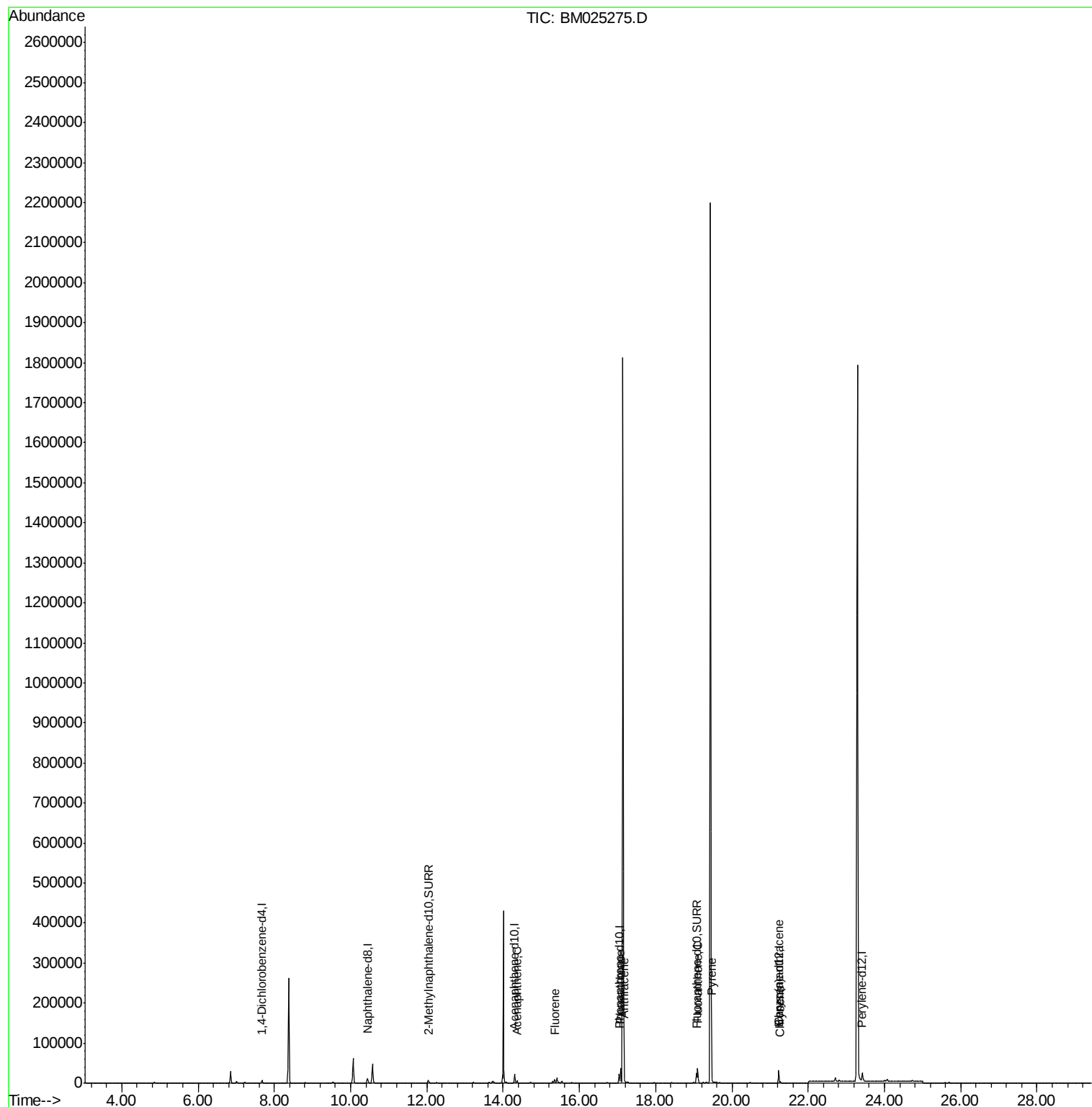
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
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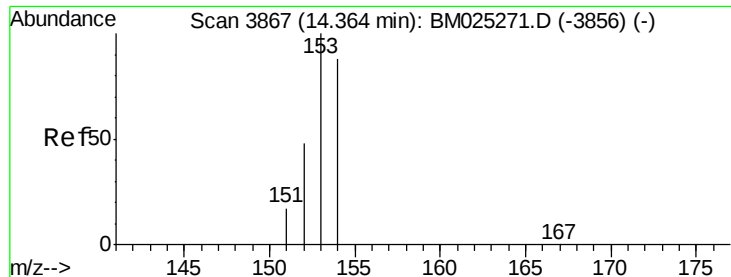
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QLast Update : Wed Mar 04 08:02:03 2020
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#8

Acenaphthene

Concen: 0.096 ng/ul

RT: 14.36 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BM025275.D

Acq: 05 Mar 2020 06:47

Instrument :

BNA_M

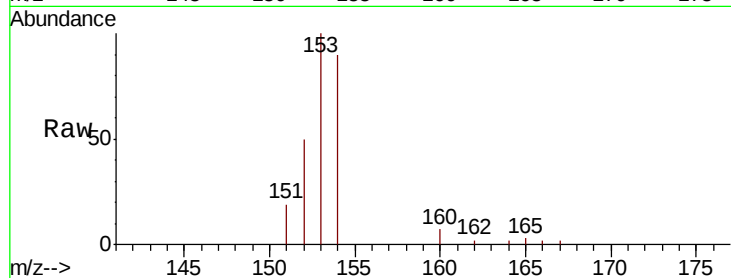
ClientSampleId :

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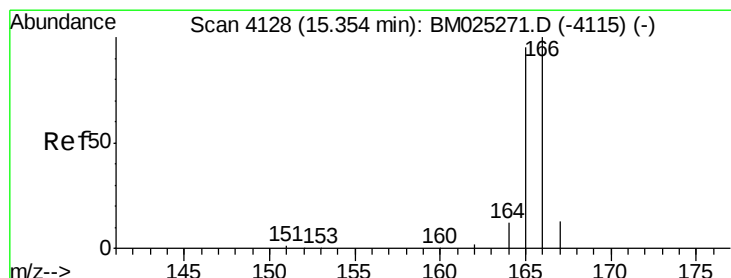
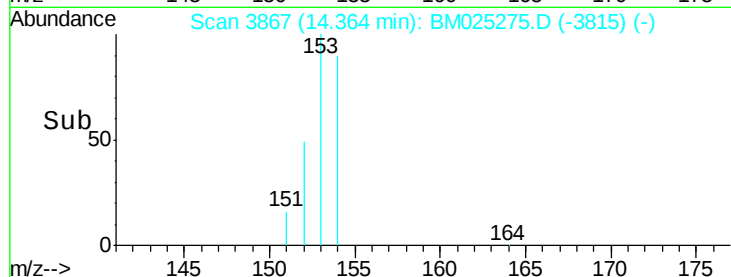
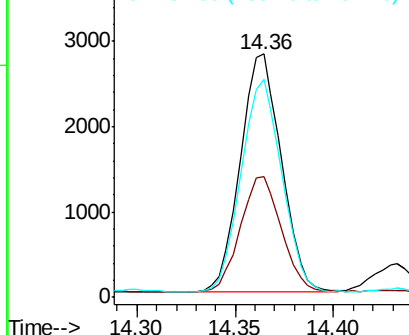
Tot Ion:	153	Resp:	4065
Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.0	60.0
154	89.7	71.0	106.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.106 ng/ul

RT: 15.35 min Scan# 4128

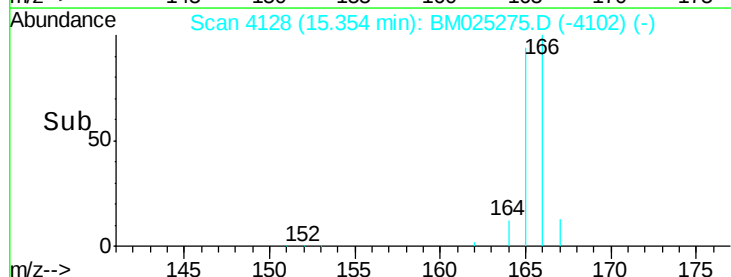
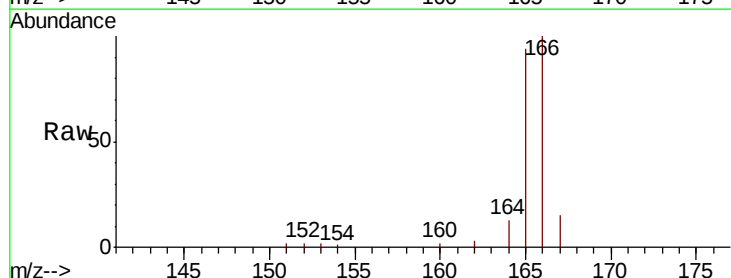
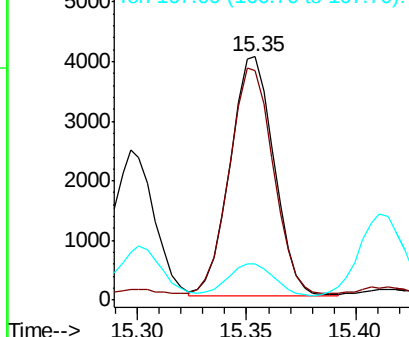
Delta R.T. -0.00 min

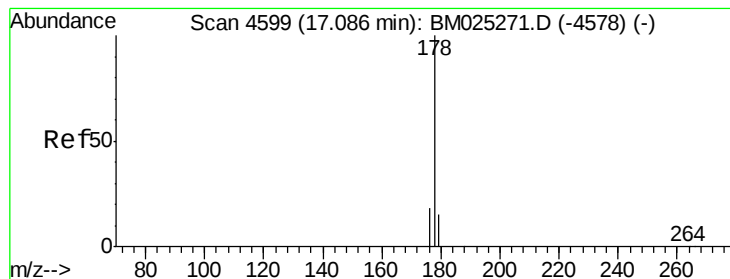
Lab File: BM025275.D

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Tgt Ion:	166	Resp:	5593
Ion	Ratio	Lower	Upper
166	100		
165	94.4	80.0	120.0
167	14.7	13.7	20.5

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.428 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. -0.01 min

Lab File: BM025275.D

Acq: 05 Mar 2020 06:47

Instrument :

BNA_M

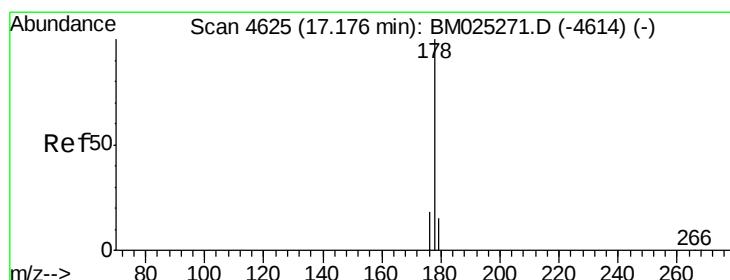
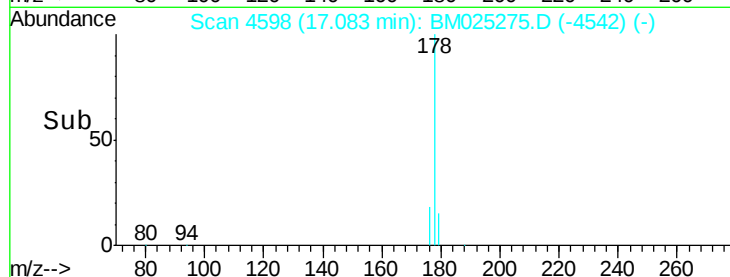
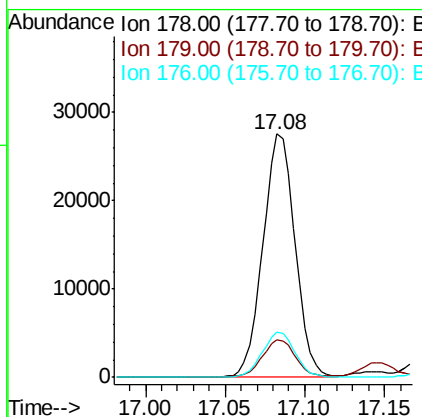
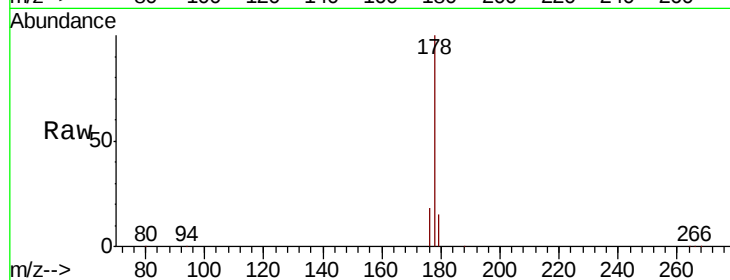
ClientSampleId :

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Tot Ion:178	Resp:	38231
Ion Ratio	Lower	Upper
178	100	
179	15.4	14.0 21.0
176	18.4	16.6 24.8

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#13

Anthracene

Concen: 0.035 ng/ul

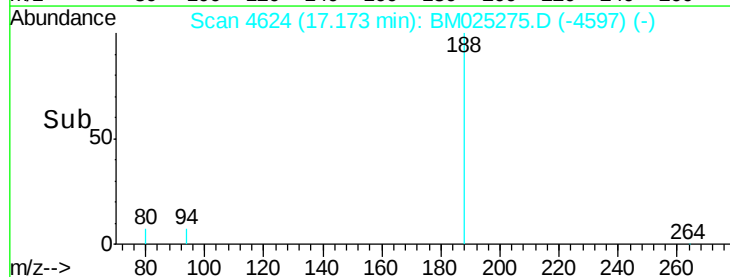
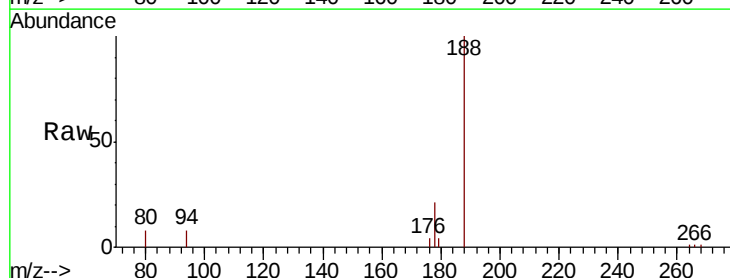
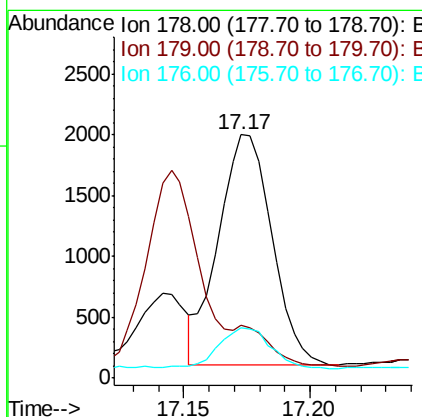
RT: 17.17 min Scan# 4624

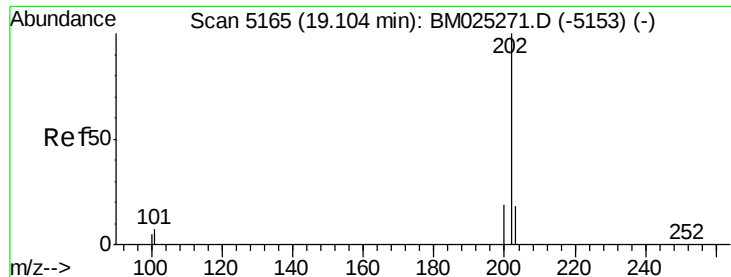
Delta R.T. -0.01 min

Lab File: BM025275.D

Acq: 05 Mar 2020 06:47

Tgt Ion:178	Resp:	2780
Ion Ratio	Lower	Upper
178	100	
179	21.9	14.1 21.1#
176	20.7	16.2 24.4





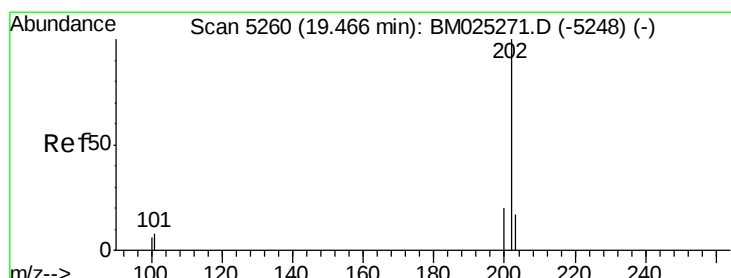
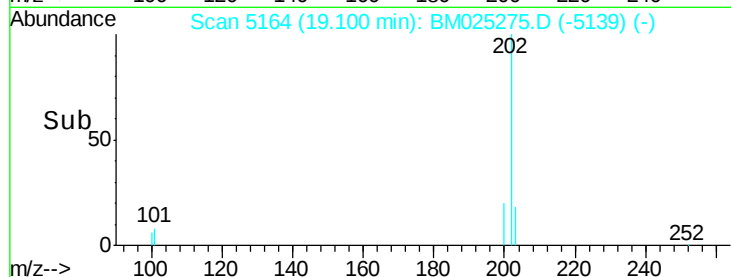
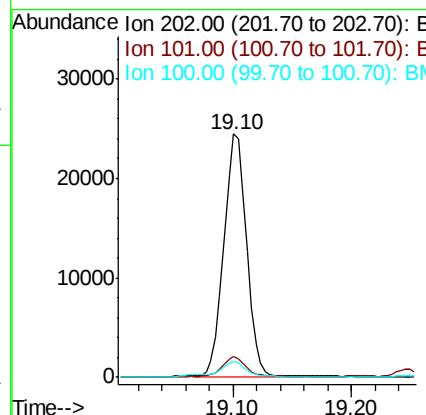
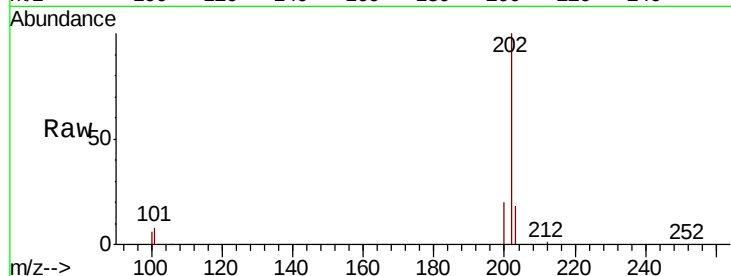
#15
Fluoranthene
 Concen: 0.289 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM025275.D
 Acq: 05 Mar 2020 06:47

Instrument :
 BNA_M
 ClientSampleId :
 DBD57

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	0.0	29.4
100	6.4	0.0	28.0

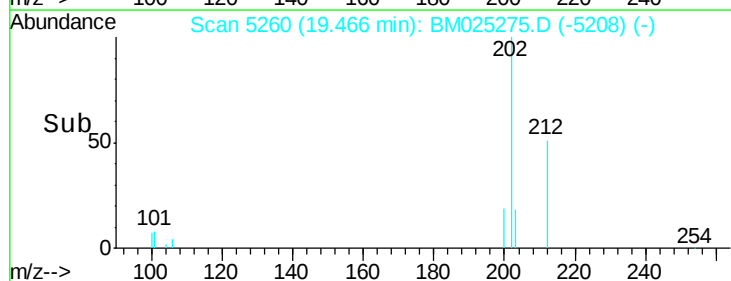
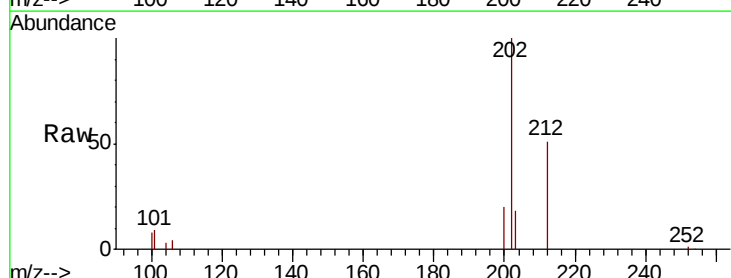
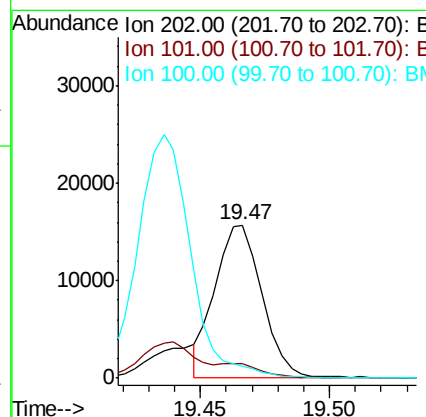
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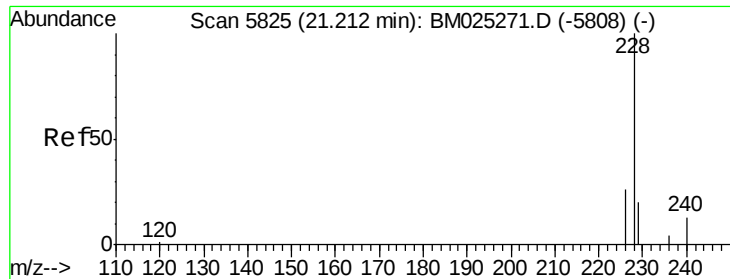
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#17
Pyrene
 Concen: 0.188 ng/ul m
 RT: 19.47 min Scan# 5260
 Delta R.T. -0.00 min
 Lab File: BM025275.D
 Acq: 05 Mar 2020 06:47

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	8.7	13.1
100	7.7	7.3	10.9





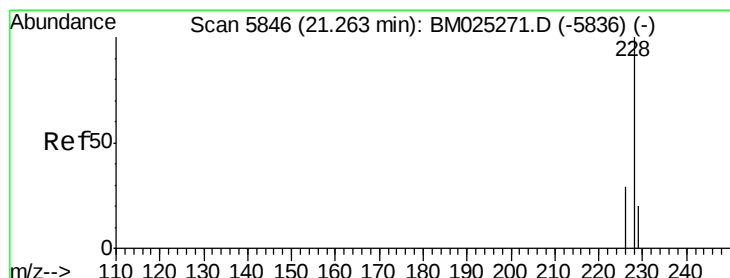
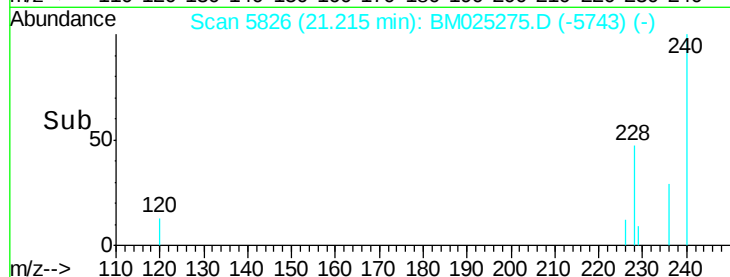
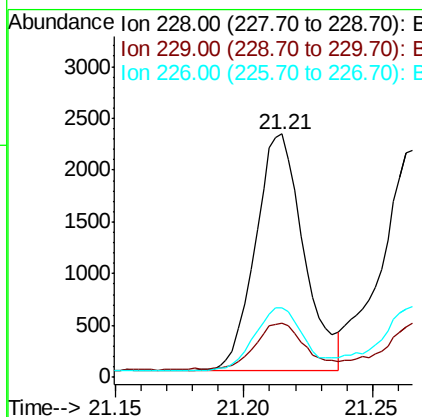
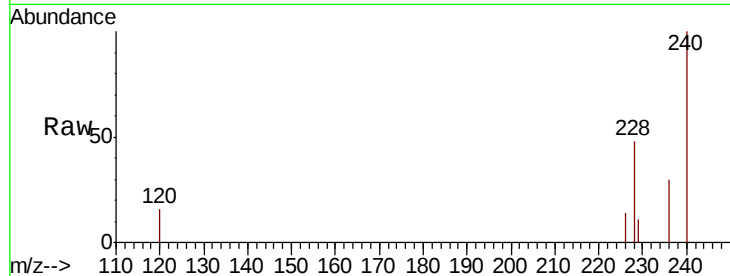
#18
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. 0.00 min
Lab File: BM025275.D
Acq: 05 Mar 2020 06:47

Instrument :
BNA_M
ClientSampleId :
DBD57

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.6	25.0
226	28.4	21.9	32.9

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#19
Chrysene
Concen: 0.027 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.00 min
Lab File: BM025275.D
Acq: 05 Mar 2020 06:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.8	35.8
229	23.7	16.9	25.3

