

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002300.D
 Acq On : 09 Aug 2015 05:46
 Operator : TP/UM
 Sample : G3161-16RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C61RE

Quant Time: Aug 09 06:19:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	311271	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1462535	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	743060	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1459924	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1137502	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	970951	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.20	160	2045066	26.57	ng/ul	0.00
10) Fluorene-d10	16.47	176	1300530	24.29	ng/ul	0.00
14) Anthracene-d10	18.31	188	1794347	25.33	ng/ul	0.00
18) Pyrene-d10	20.52	212	1598957	28.98	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1191044	23.10	ng/ul	0.00

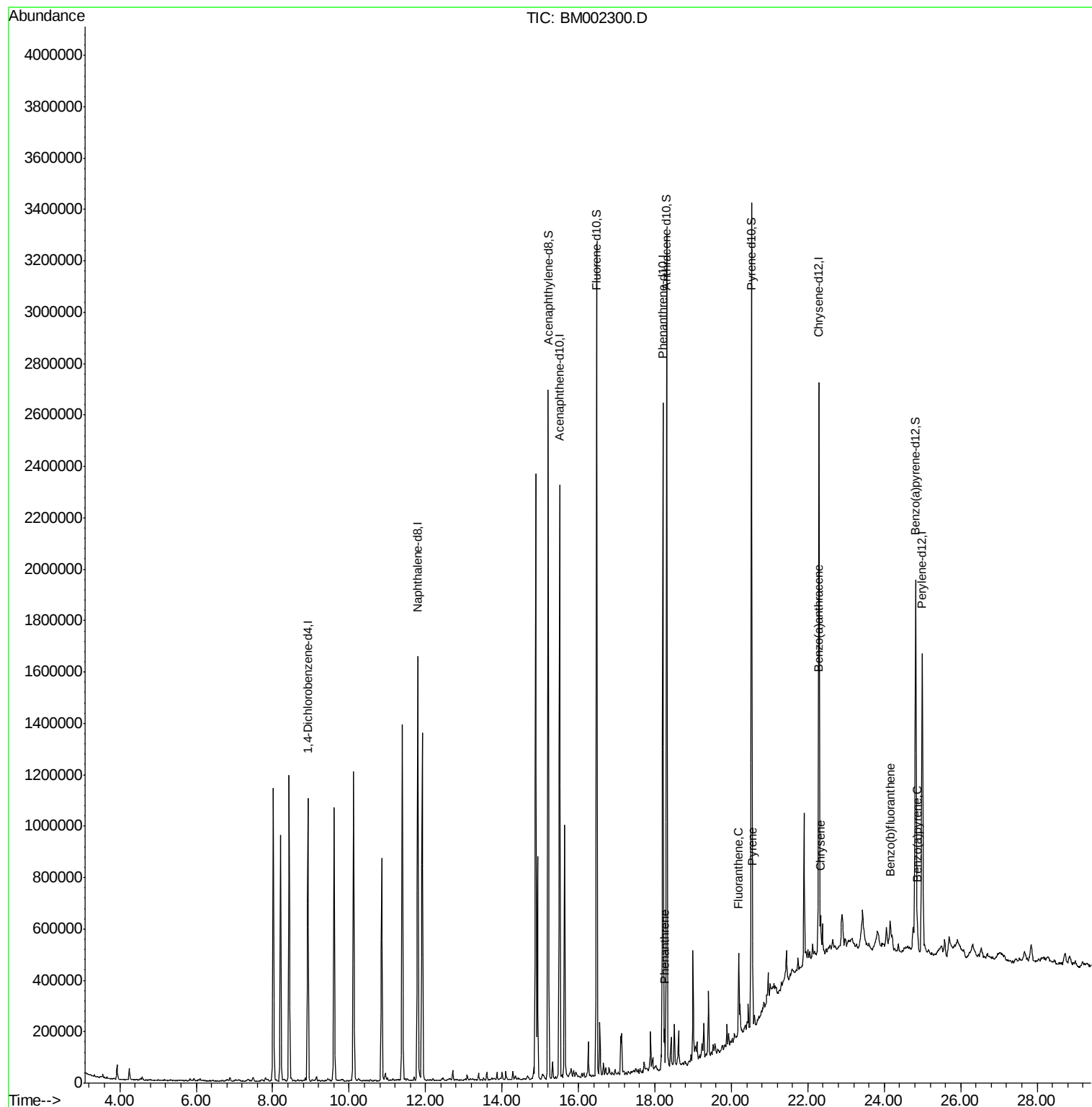
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.25	178	90553	1.08	ng/ul	100
16) Fluoranthene	20.19	202	191703	2.06	ng/ul	99
19) Pyrene	20.55	202	160618	2.18	ng/ul	99
20) Benzo(a)anthracene	22.27	228	81166	1.17	ng/ul#	94
21) Chrysene	22.33	228	89635	1.36	ng/ul#	95
23) Benzo(b)fluoranthene	24.16	252	112615	1.87	ng/ul#	96
26) Benzo(a)pyrene	24.87	252	75254	1.30	ng/ul#	92

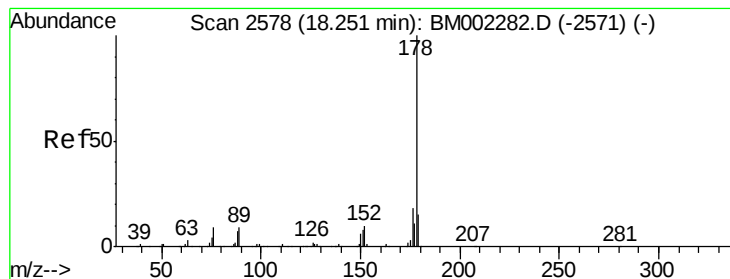
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.08 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BM002300.D

Acq: 09 Aug 2015 05:46

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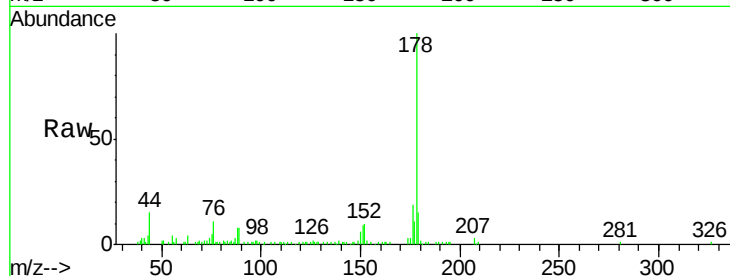
Tgt Ion:178 Resp: 90553

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

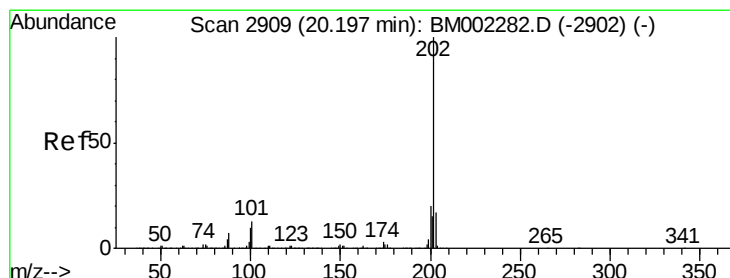
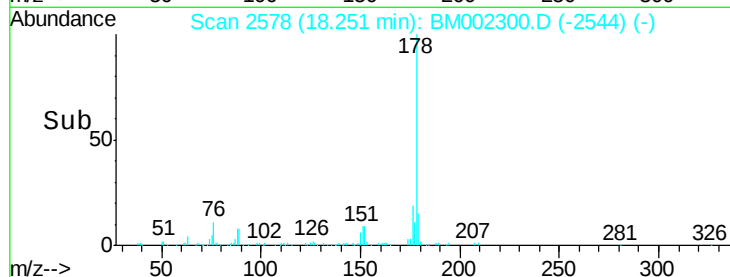
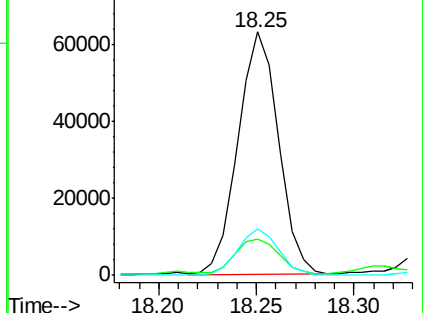
176 19.1 15.3 22.9



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



#16

Fluoranthene

Concen: 2.06 ng/ul

RT: 20.19 min Scan# 2908

Delta R.T. -0.01 min

Lab File: BM002300.D

Acq: 09 Aug 2015 05:46

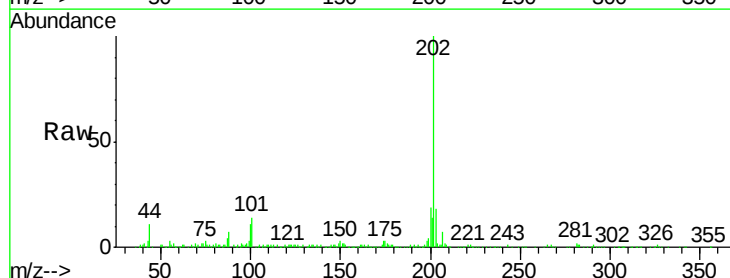
Tgt Ion:202 Resp: 191703

Ion Ratio Lower Upper

202 100

101 13.8 10.6 15.8

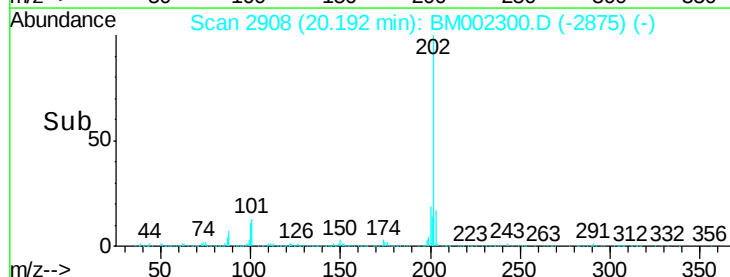
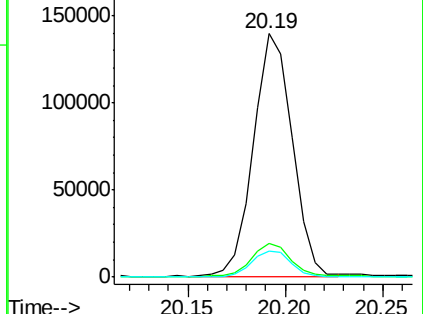
100 10.6 8.2 12.4

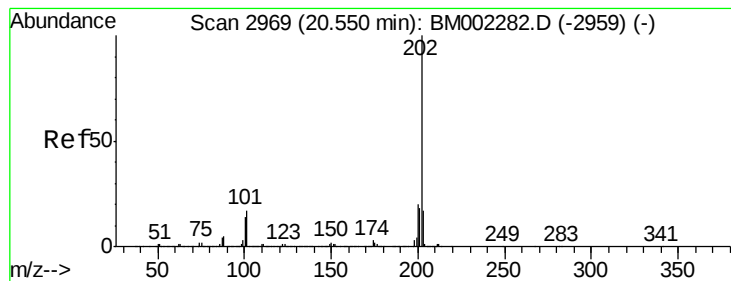


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.18 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BM002300.D

Acq: 09 Aug 2015 05:46

Instrument :

BNA_M

ClientSampleId :

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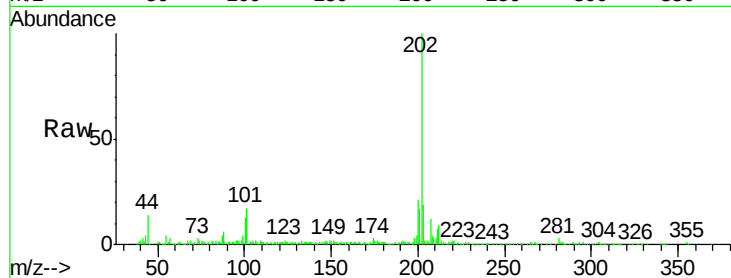
Tgt Ion:202 Resp: 160618

Ion Ratio Lower Upper

202 100

101 16.6 13.0 19.6

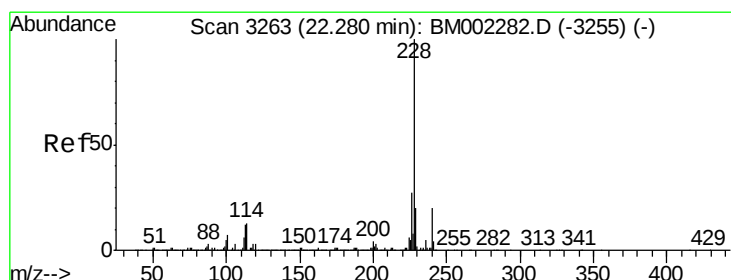
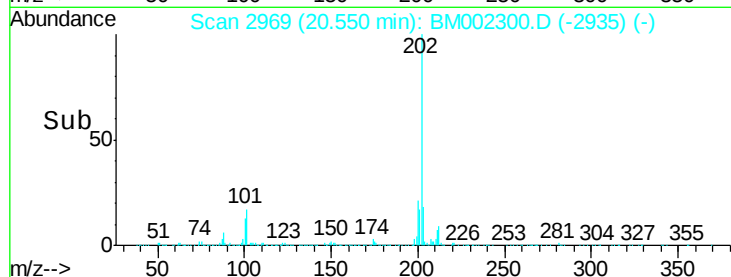
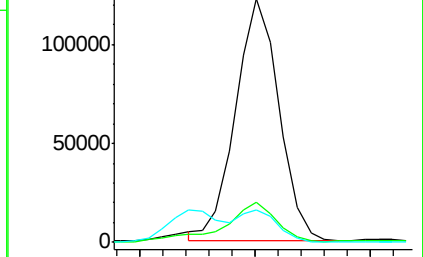
100 13.3 11.0 16.4



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



#20

Benzo(a)anthracene

Concen: 1.17 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.01 min

Lab File: BM002300.D

Acq: 09 Aug 2015 05:46

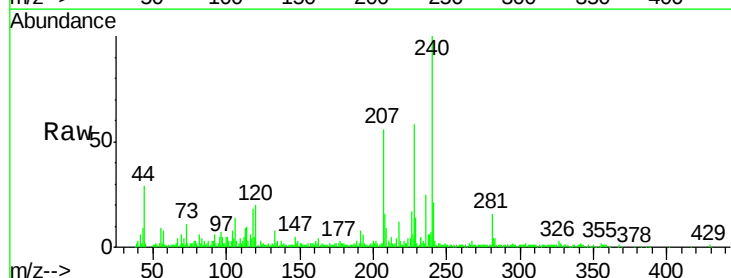
Tgt Ion:228 Resp: 81166

Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

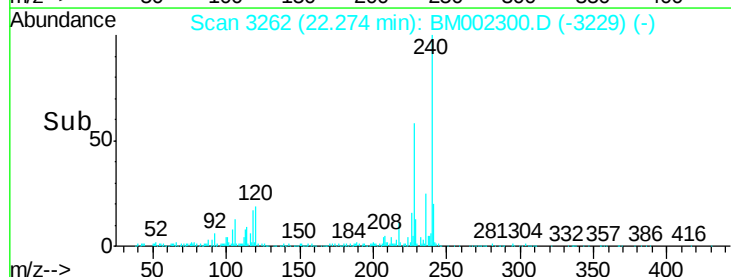
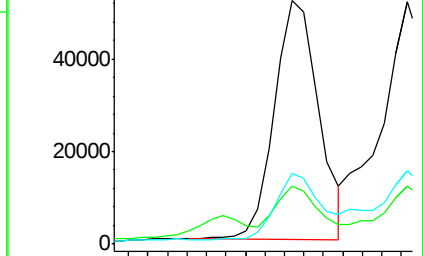
226 29.0 21.4 32.0

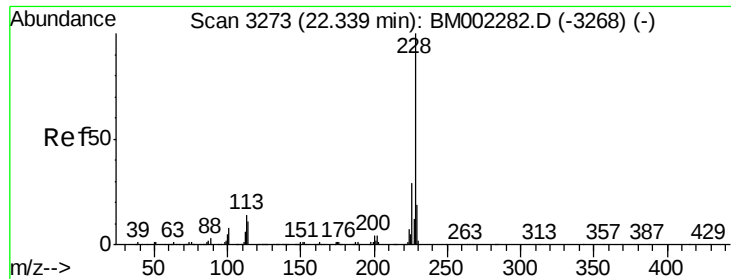


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

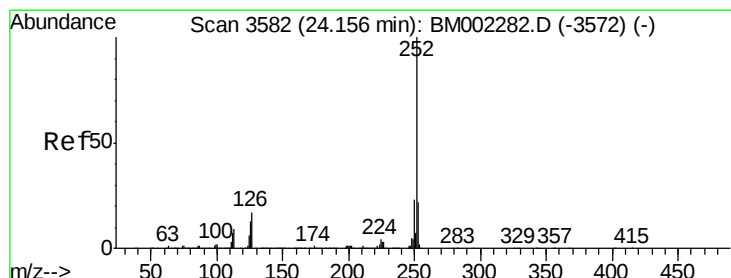
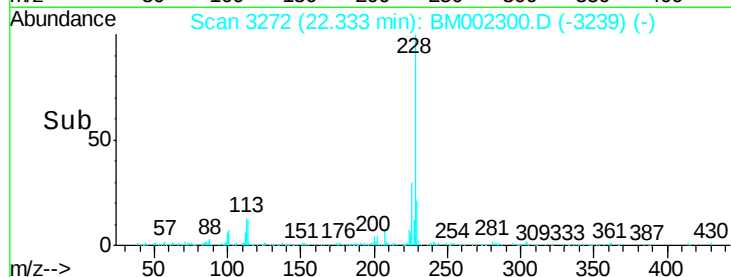
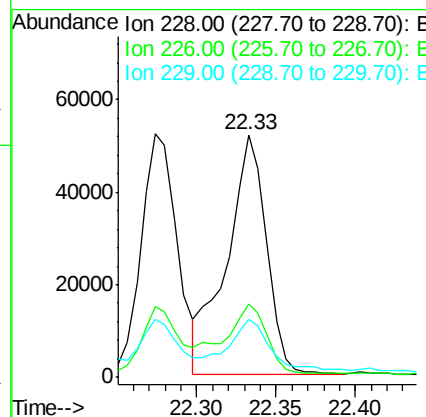
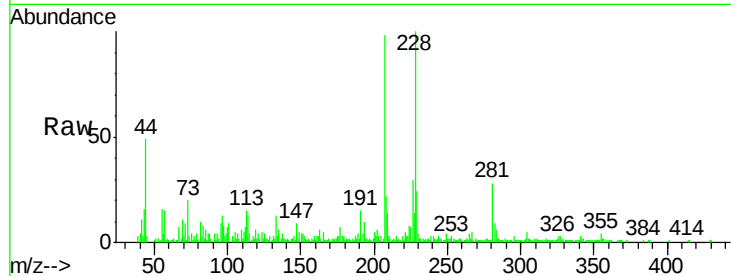




#21
Chrysene
Concen: 1.36 ng/ul
RT: 22.33 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BM002300.D
Acq: 09 Aug 2015 05:46

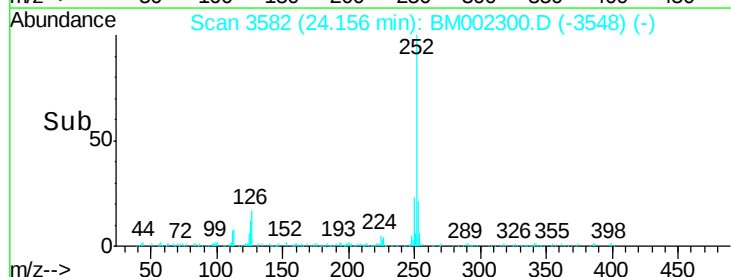
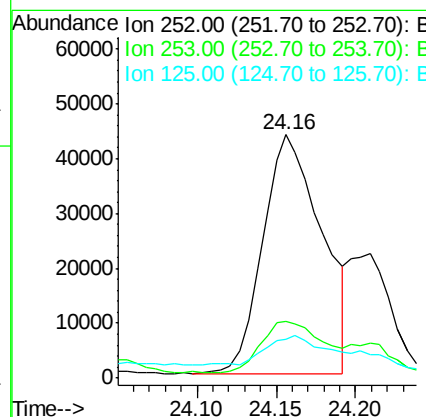
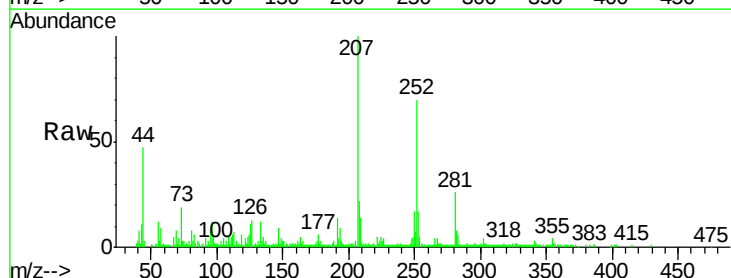
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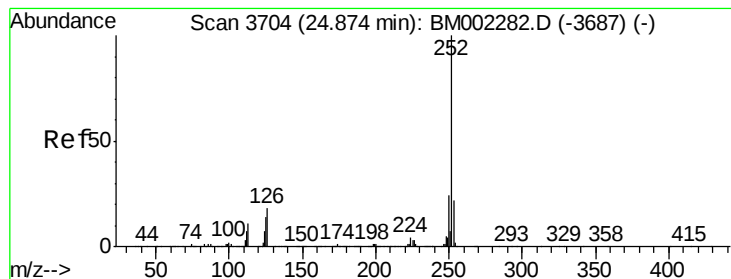
Tgt Ion:228 Resp: 89635
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 23.9 15.5 23.3#



#23
Benzo(b)fluoranthene
Concen: 1.87 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002300.D
Acq: 09 Aug 2015 05:46

Tgt Ion:252 Resp: 112615
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 16.1 10.3 15.5#





#26
 Benzo(a)pyrene
 Concen: 1.30 ng/ul
 RT: 24.87 min Scan# 3704
 Delta R.T. 0.00 min
 Lab File: BM002300.D
 Acq: 09 Aug 2015 05:46

Instrument :
 BNA_M
 ClientSampleId :
 D9C61RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	17.6	11.0	16.6

