

Data File : BM025139.D
Acq On : 28 Feb 2020 18:44
Operator : CG/JU
Sample : L1507-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD03

Quant Time: Feb 29 04:46:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2375	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6199	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.06
16) Chrysene-d12	21.24	240	14611	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	16460	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	7574	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	20710	0.00	ng/ul	0.00

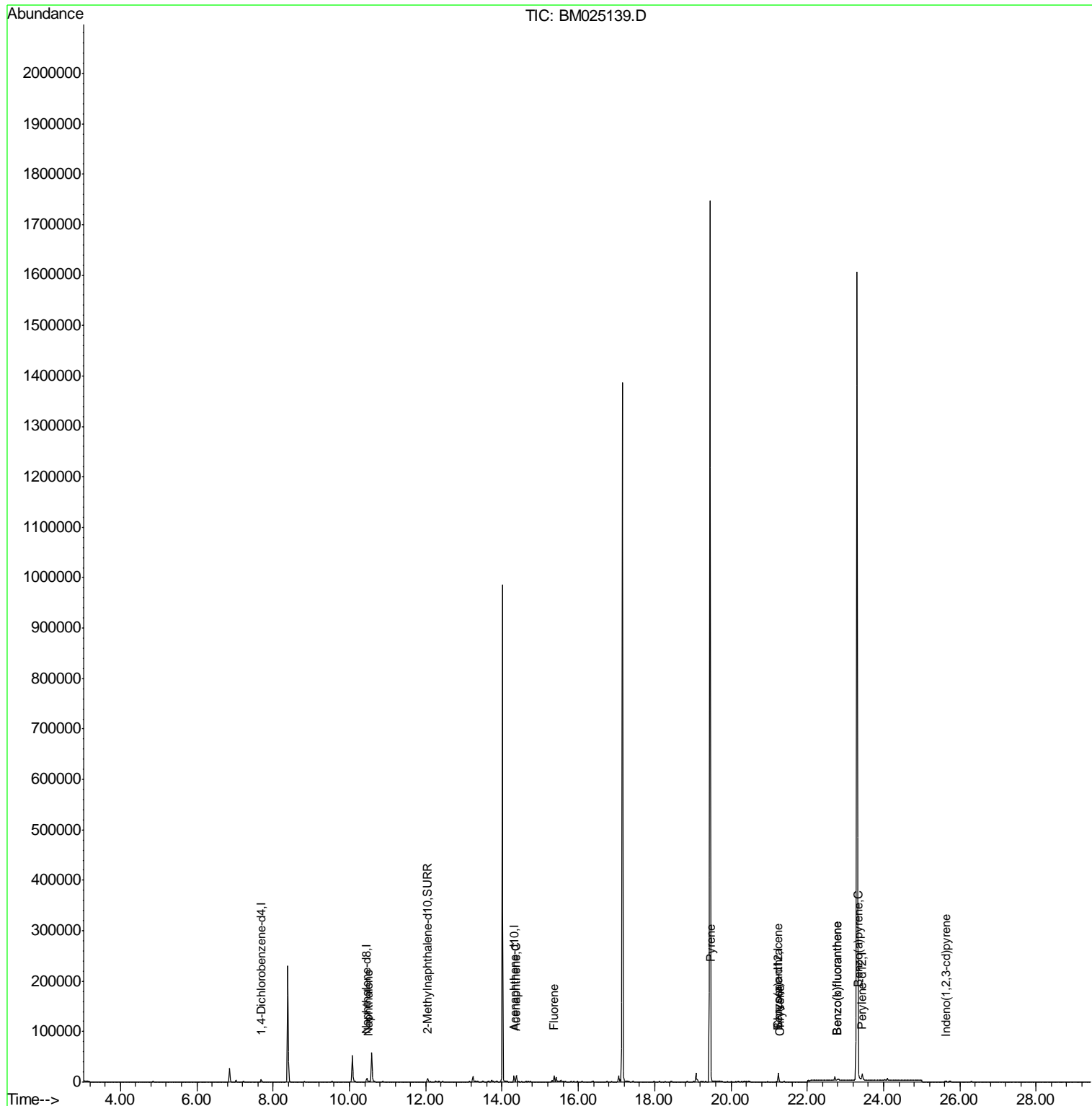
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	1865	0.067	ng/ul#	92
8) Acenaphthene	14.38	153	6948	0.289	ng/ul	99
9) Fluorene	15.37	166	7842	0.260	ng/ul	95
17) Pyrene	19.48	202	3908	0.059	ng/ul#	91
18) Benzo(a)anthracene	21.22	228	1694	0.027	ng/ul#	90
19) Chrysene	21.27	228	2563	0.041	ng/ul#	90
21) Benzo(b)fluoranthene	22.79	252	6092	0.094	ng/ul	79
22) Benzo(k)fluoranthene	22.79	252	6092	0.095	ng/ul#	77
23) Benzo(a)pyrene	23.34	252	1303	0.022	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.63	276	1610	0.022	ng/ul#	100

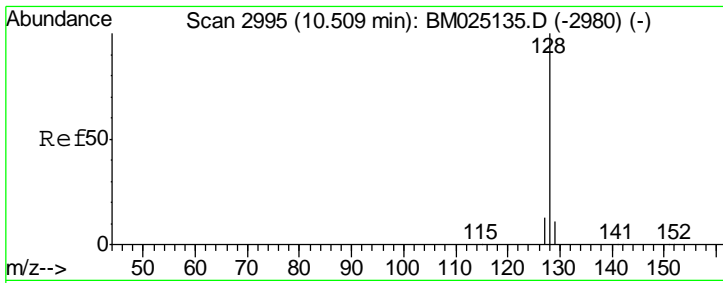
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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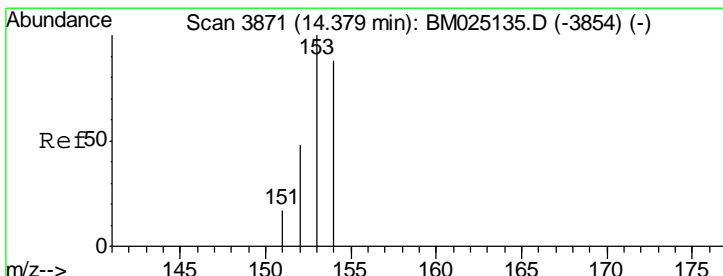
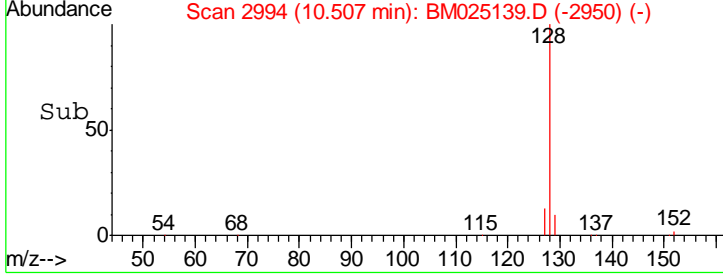
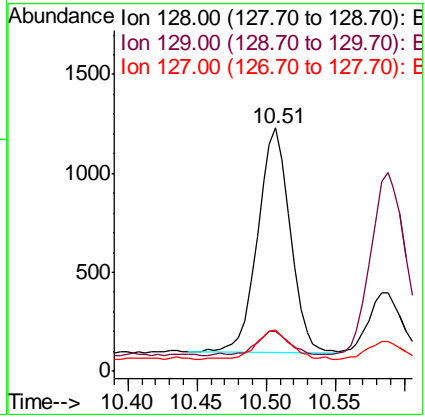
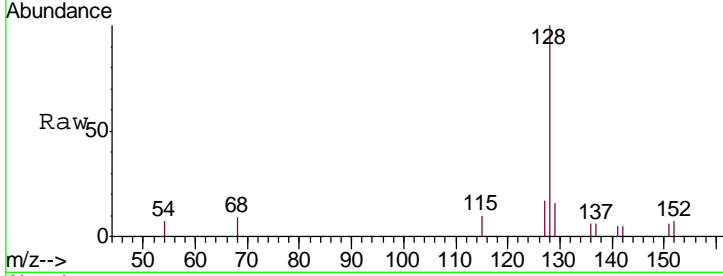




#3
 Naphthalene
 Concen: 0.067 ng/ul
 RT: 10.51 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BM025139.D
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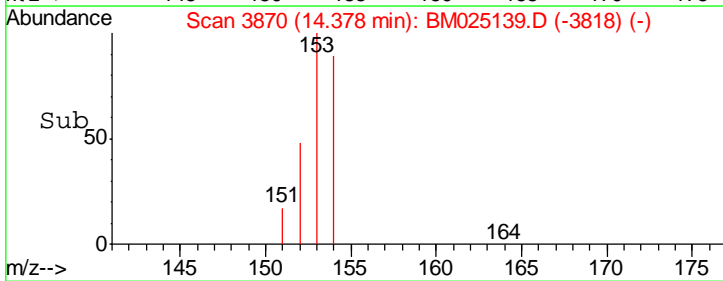
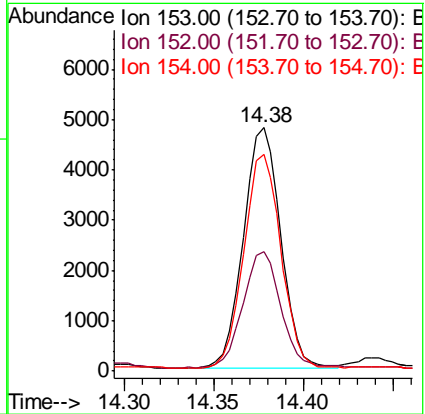
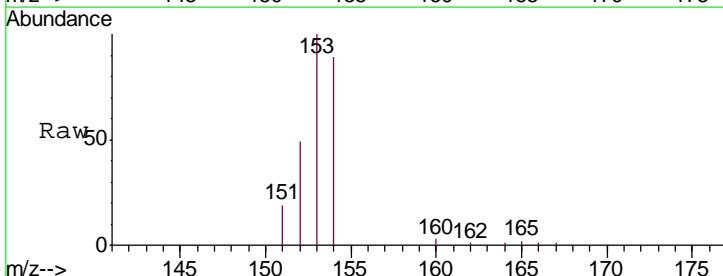
Instrument :
 BNA_M
 ClientSampled :
 DBD03

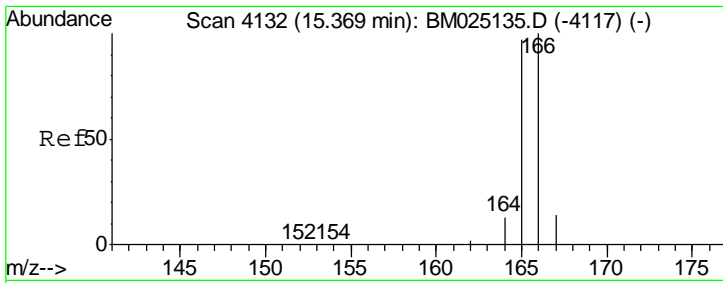
Tgt Ion	Resp	Lower	Upper
128	1865		
129	16.3	17.0	25.6#
127	17.1	15.7	23.5



#8
 Acenaphthene
 Concen: 0.289 ng/ul
 RT: 14.38 min Scan# 3870
 Delta R.T. -0.00 min
 Lab File: BM025139.D
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Tgt Ion	Resp	Lower	Upper
153	6948		
152	49.0	40.0	60.0
154	89.2	71.0	106.6



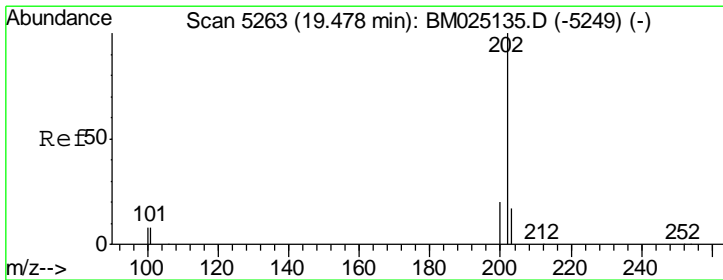
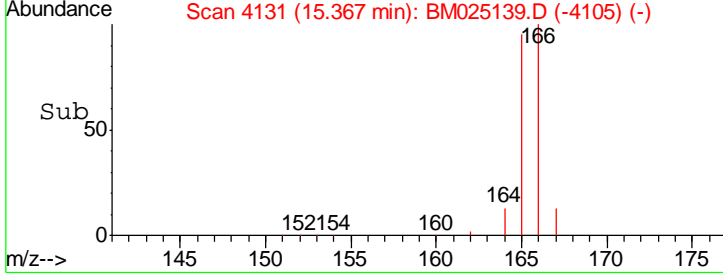
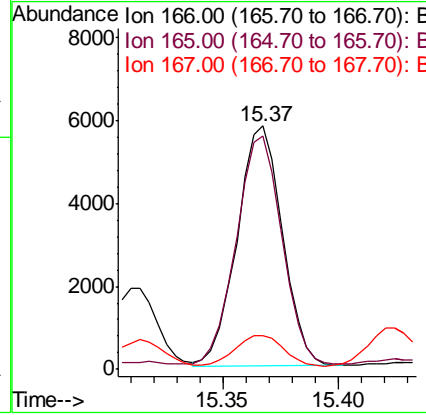
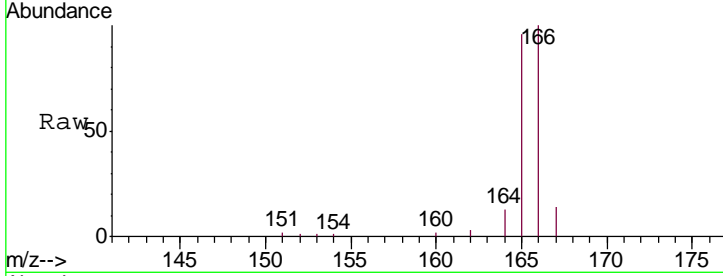


#9
 Fluorene
 Concen: 0.260 ng/ul
 RT: 15.37 min Scan# 4131
 Delta R.T. -0.00 min
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Instrument :
 BNA_M
 ClientSampled :
 DBD03

Tgt Ion:166 Resp: 7842

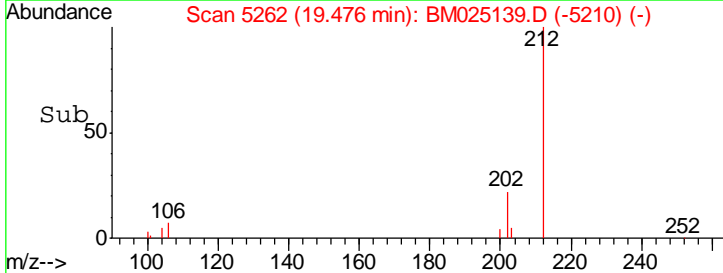
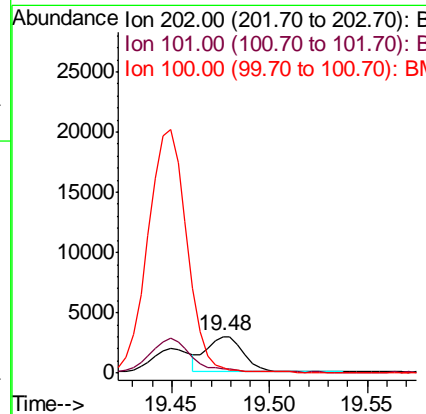
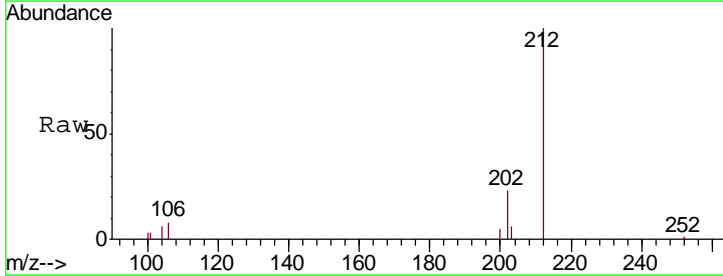
Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.0	120.0
167	14.0	13.7	20.5

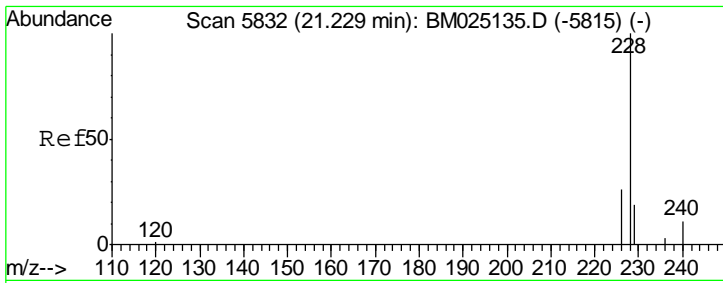


#17
 Pyrene
 Concen: 0.059 ng/ul
 RT: 19.48 min Scan# 5262
 Delta R.T. -0.00 min
 Lab File: BM025139.D
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Tgt Ion:202 Resp: 3908

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.7	13.1
100	14.5	7.3	10.9#

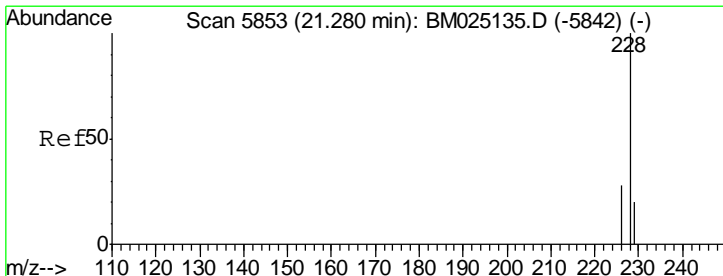
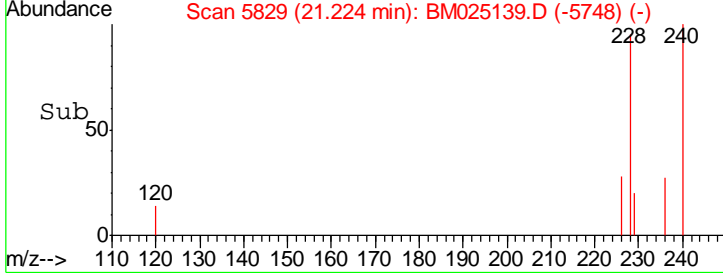
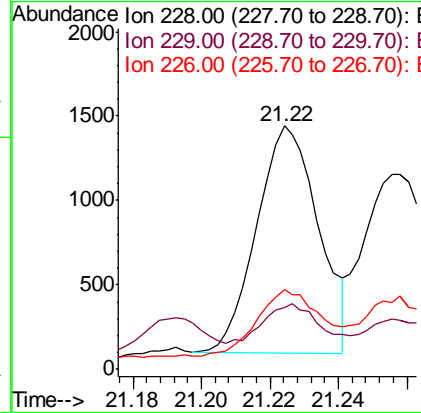
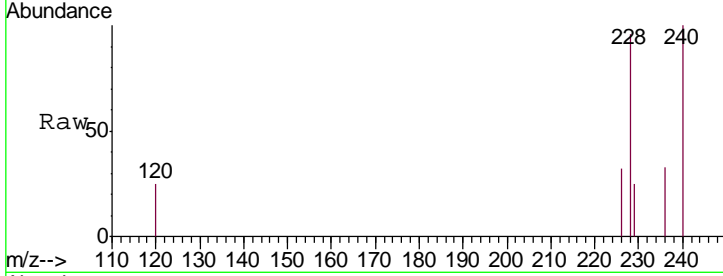




#18
 Benzo(a)anthracene
 Concen: 0.027 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. -0.01 min
 Lab File: BM025139.D
 Acq: 28 Feb 2020 18:44

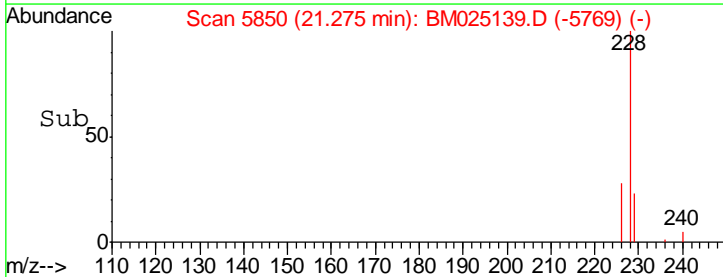
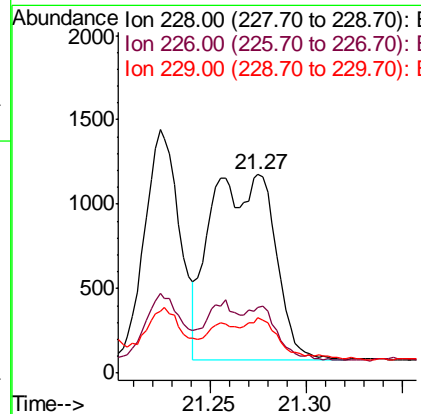
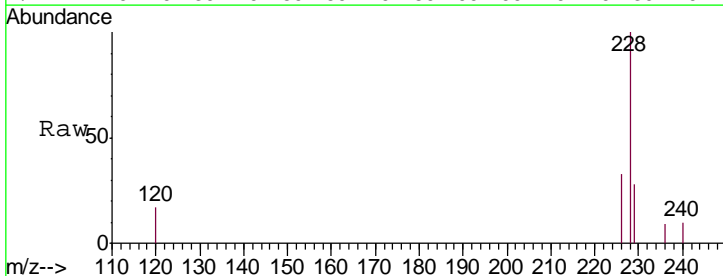
Instrument : BNA_M
 ClientSampled : DBD03

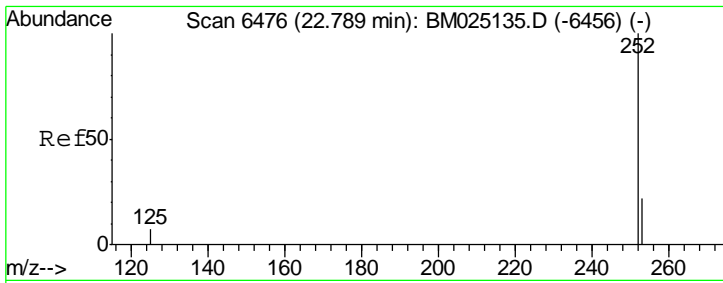
Tgt Ion	Resp	Lower	Upper
228	1694		
229	25.6	16.6	25.0#
226	32.9	21.9	32.9#



#19
 Chrysene
 Concen: 0.041 ng/ul
 RT: 21.27 min Scan# 5850
 Delta R.T. -0.01 min
 Lab File: BM025139.D
 Acq: 28 Feb 2020 18:44

Tgt Ion	Resp	Lower	Upper
228	2563		
226	32.9	23.8	35.8
229	28.1	16.9	25.3#

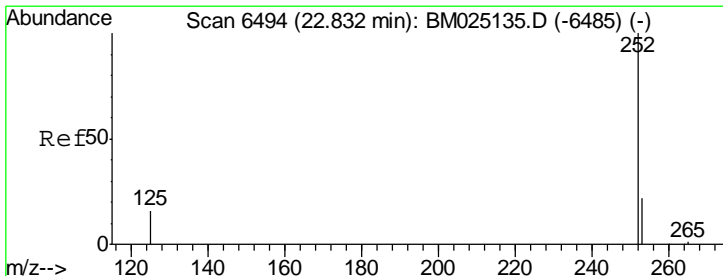
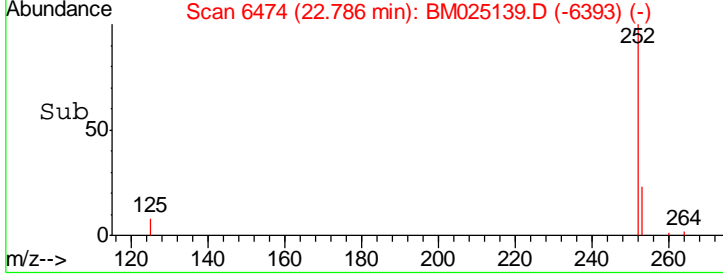
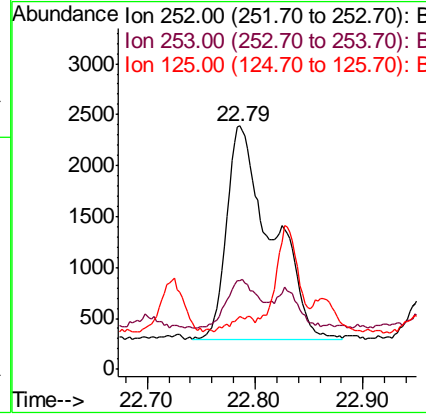
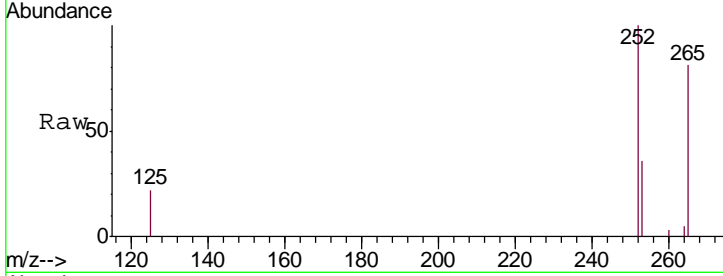




#21
 Benzo(b)fluoranthene
 Concen: 0.094 ng/ul
 RT: 22.79 min Scan# 6474
 Delta R.T. -0.00 min
 Lab File: BM025139.D
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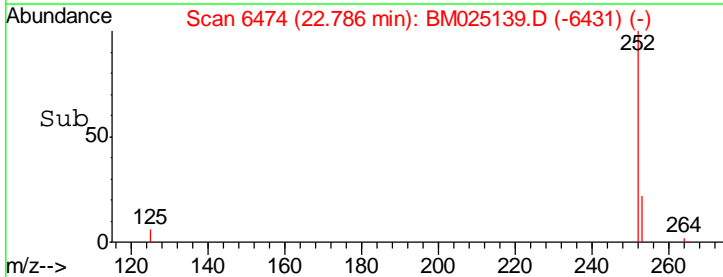
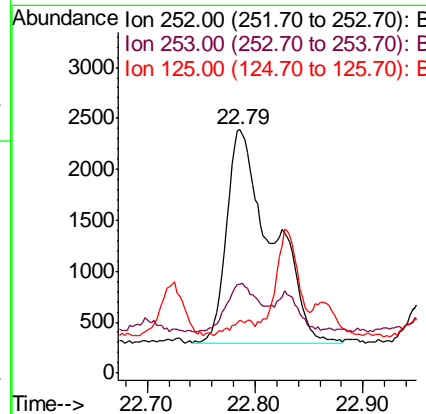
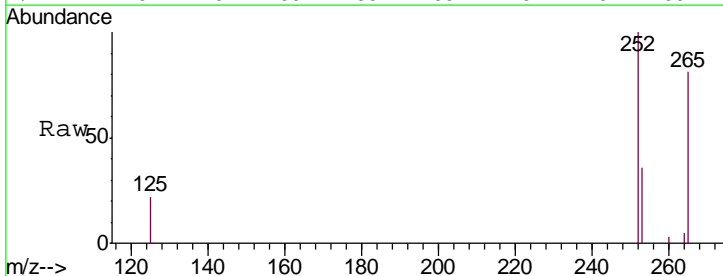
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 BNA_M
 ClientSampled :
 DBD03

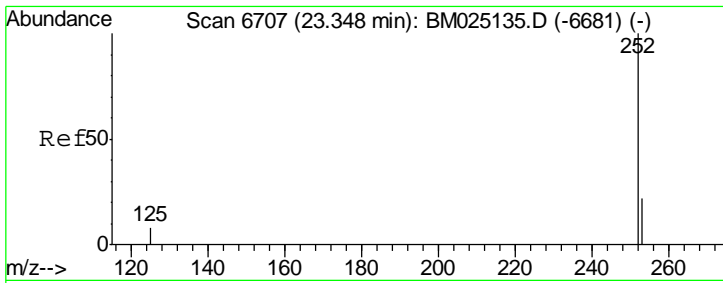
Tgt Ion	Resp	Lower	Upper
252	100		
253	36.4	0.0	49.8
125	21.6	0.0	28.6



#22
 Benzo(k)fluoranthene
 Concen: 0.095 ng/ul
 RT: 22.79 min Scan# 6474
 Delta R.T. -0.05 min
 Lab File: BM025139.D
 Acq: 28 Feb 2020 18:44

Tgt Ion	Resp	Lower	Upper
252	100		
253	36.4	19.4	29.0#
125	21.6	10.7	16.1#

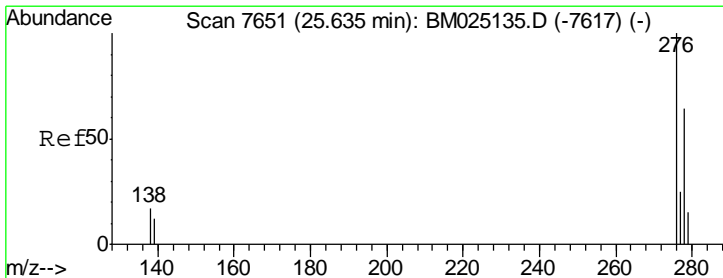
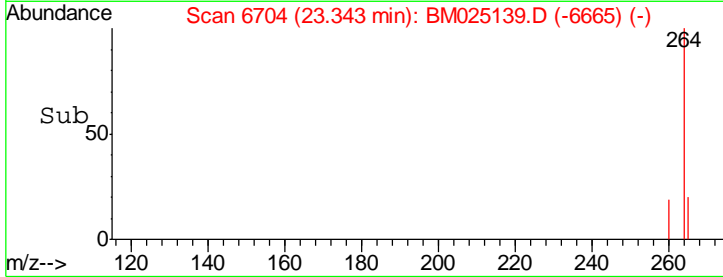
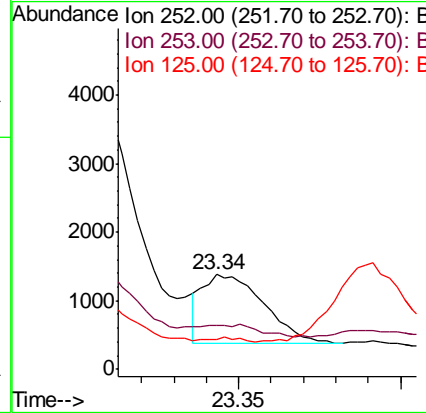
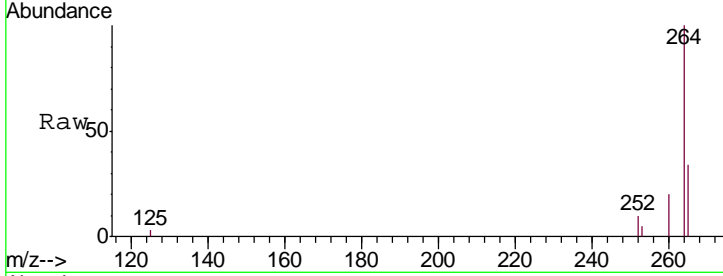




#23
 Benzo(a)pyrene
 Concen: 0.022 ng/ul
 RT: 23.34 min Scan# 6704
 Delta R.T. -0.01 min
 Lab File: BM025139.D
 Acq: 28 Feb 2020 18:44

Instrument :
 BNA_M
 ClientSampled :
 DBD03

Tgt Ion	Resp	Lower	Upper
252	1303		
253	46.2	20.3	30.5#
125	31.0	13.0	19.4#



#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/ul
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.01 min
 Lab File: BM025139.D
 Acq: 28 Feb 2020 18:44

Tgt Ion	Resp	Lower	Upper
276	1610		
138	27.7	0.0	0.0#
227	0.0	0.0	0.0

