

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
 Data File : BM025147.D
 Acq On : 28 Feb 2020 23:33
 Operator : CG/JU
 Sample : L1507-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD11

Manual Integrations
 APPROVED

Sohil
 3/3/2020 8:39:20 AM

Quant Time: Feb 29 05:49:24 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	3125	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	12047	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7619	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17880	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17301	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	399	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1259	0.02	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.10	178	1503	0.024	ng/ul#	81
15) Fluoranthene	19.11	202	2756	0.030	ng/ul	95
17) Pyrene	19.47	202	3261	0.042	ng/ul	96
18) Benzo(a)anthracene	21.22	228	1976	0.026	ng/ul#	88
19) Chrysene	21.27	228	2291	0.031	ng/ul#	92
21) Benzo(b)fluoranthene	22.78	252	2817m	0.039	ng/ul	
23) Benzo(a)pyrene	23.34	252	2235	0.034	ng/ul#	60

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

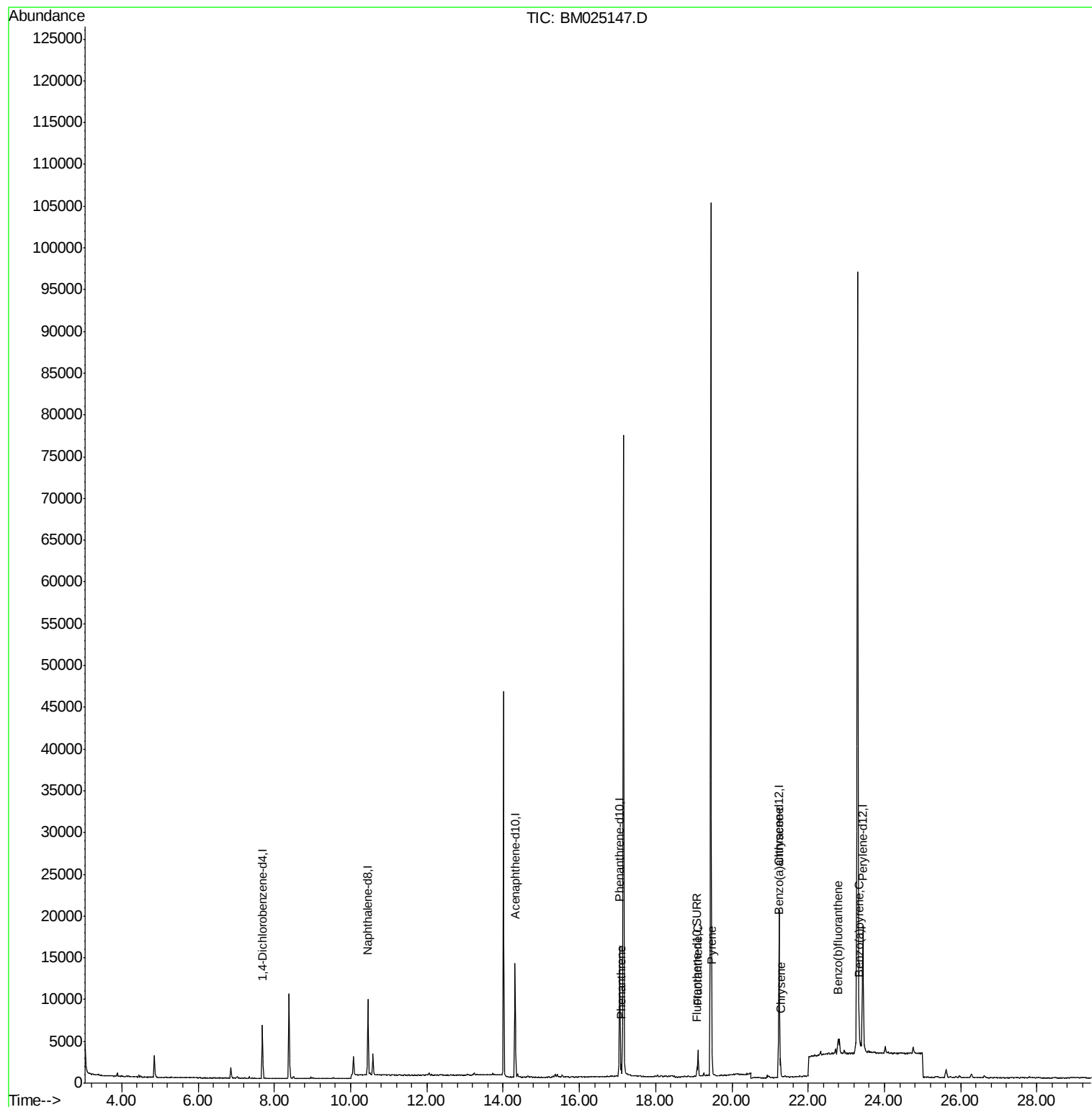
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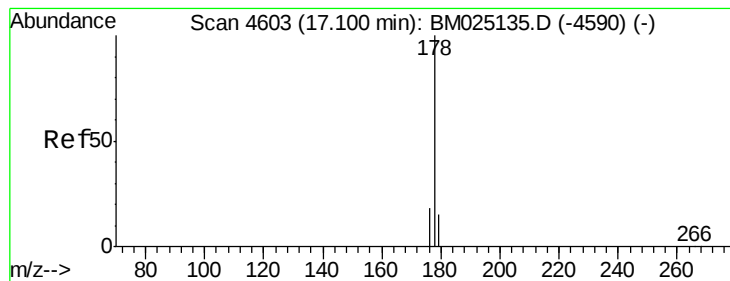
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Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.024 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Instrument :

BNA_M

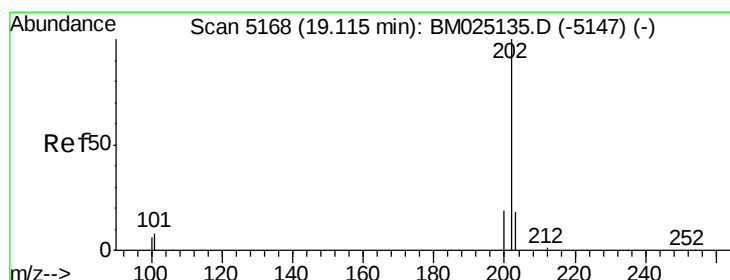
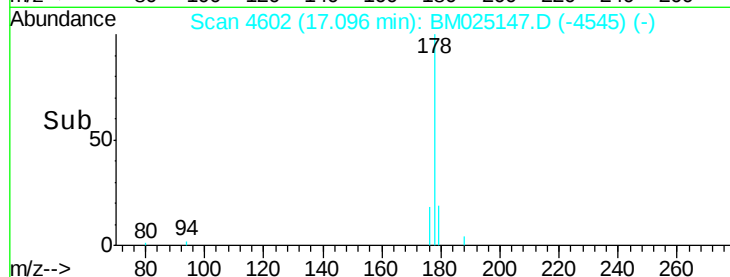
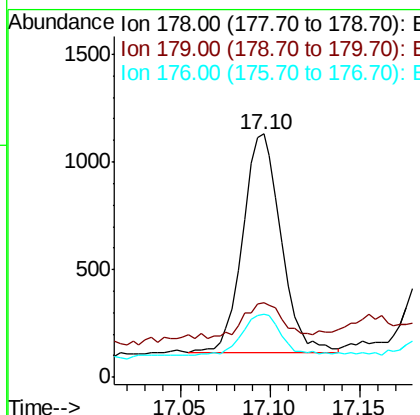
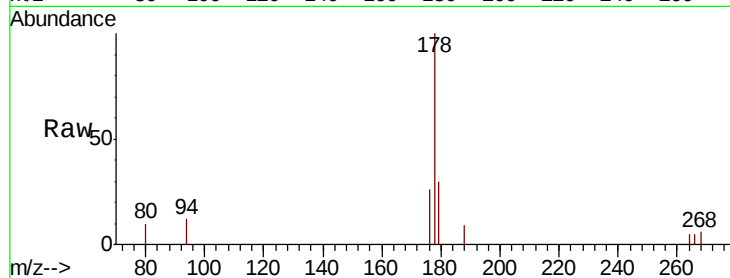
ClientSampled :

DBD11

Tot Ion:178	Resp:	1503
Ion Ratio	Lower	Upper
178	100	
179	30.4	14.0 21.0#
176	25.7	16.6 24.8#

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#15

Fluoranthene

Concen: 0.030 ng/ul

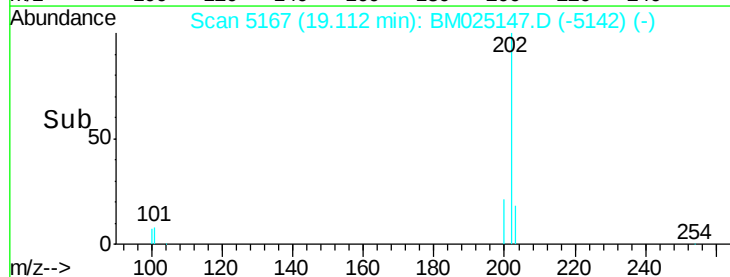
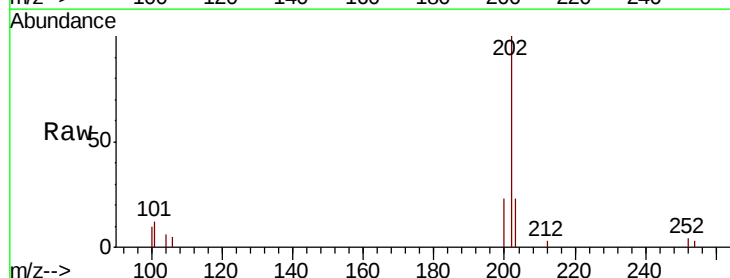
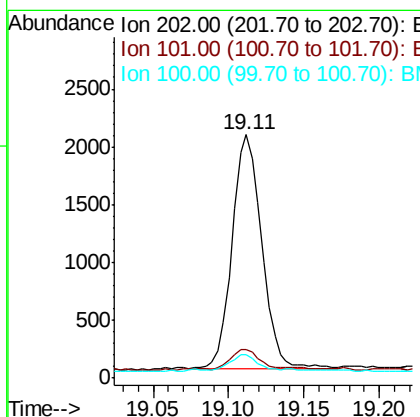
RT: 19.11 min Scan# 5167

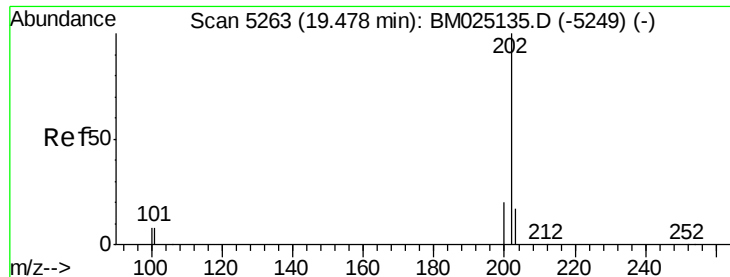
Delta R.T. -0.00 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Tgt Ion:202	Resp:	2756
Ion Ratio	Lower	Upper
202	100	
101	11.6	0.0 29.4
100	9.6	0.0 28.0





#17

Pvrene

Concen: 0.042 ng/ul

RT: 19.47 min Scan# 5262

Delta R.T. -0.00 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Instrument :

BNA_M

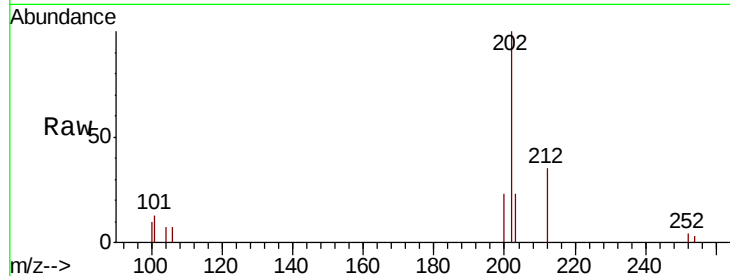
ClientSampleId :

DBD11

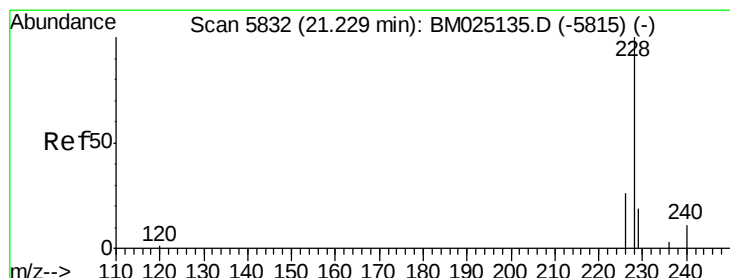
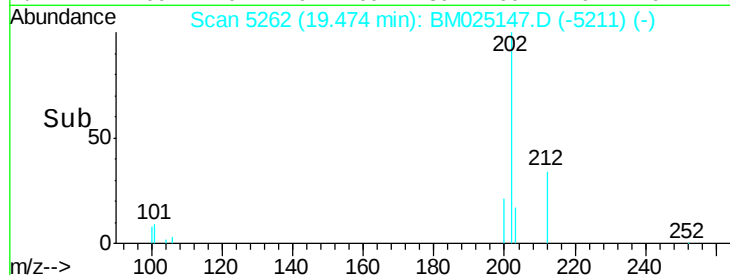
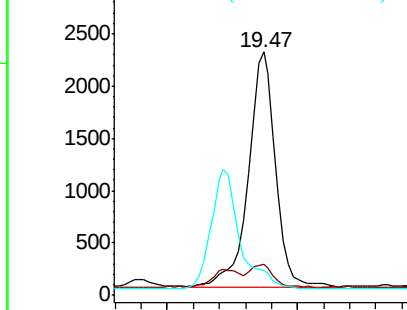
Tot Ion:	202	Resp:	3261
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.7	13.1
100	10.2	7.3	10.9

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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



#18

Benzo(a)anthracene

Concen: 0.026 ng/ul

RT: 21.22 min Scan# 5828

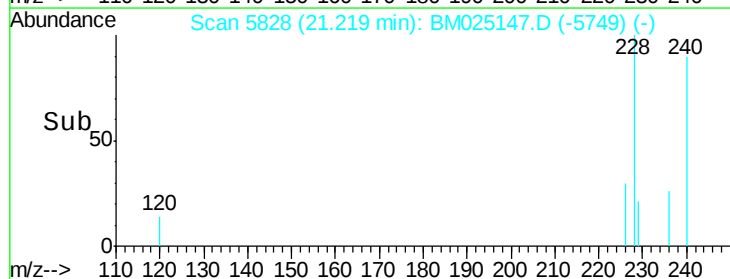
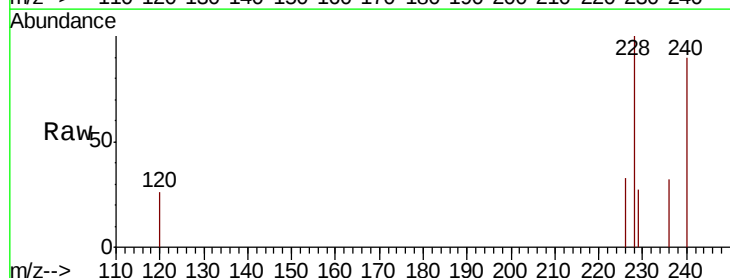
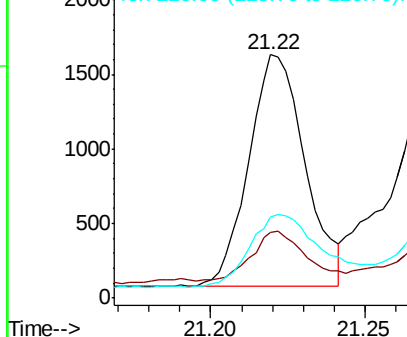
Delta R.T. -0.01 min

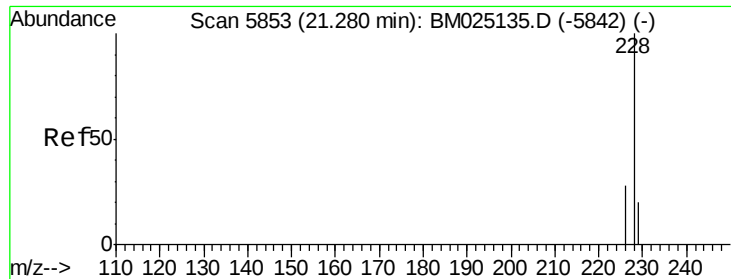
Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Tgt Ion:	228	Resp:	1976
Ion Ratio	Lower	Upper	
228	100		
229	27.0	16.6	25.0#
226	33.1	21.9	32.9#

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





#19

Chrysene

Concen: 0.031 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Instrument :

BNA_M

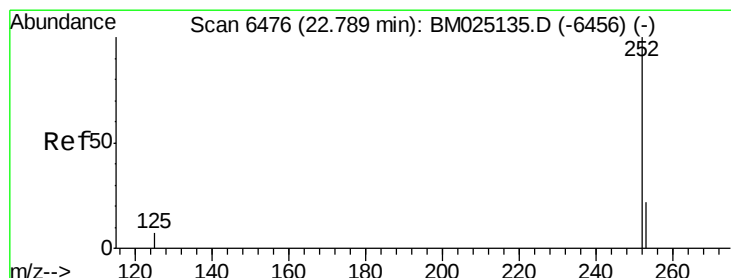
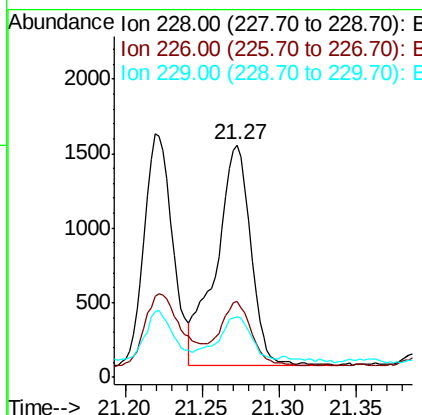
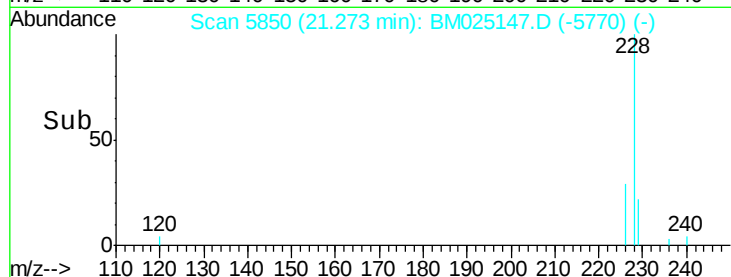
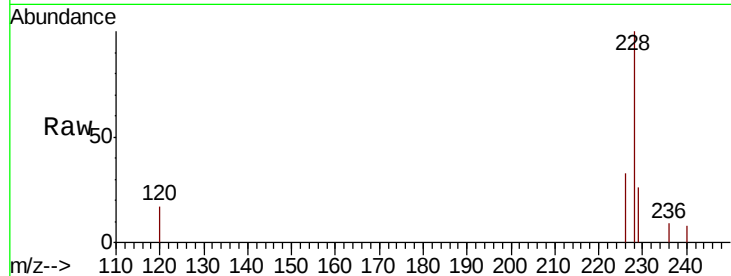
ClientSampleId :

DBD11

Tot Ion:228	Resp:	2291
Ion Ratio	Lower	Upper
228 100		
226 32.7	23.8	35.8
229 26.3	16.9	25.3#

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#21

Benzo(b)fluoranthene

Concen: 0.039 ng/ul m

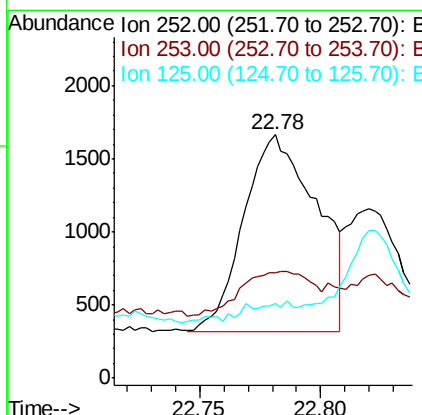
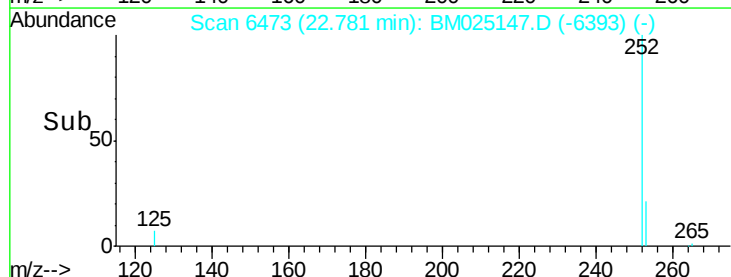
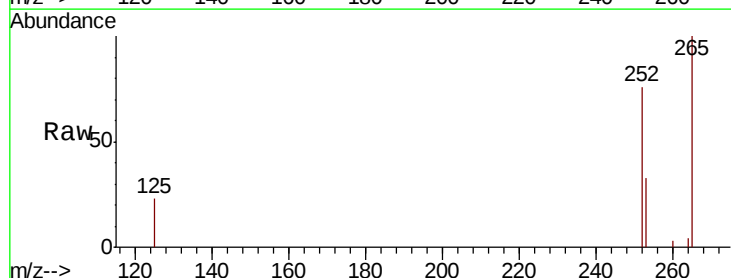
RT: 22.78 min Scan# 6473

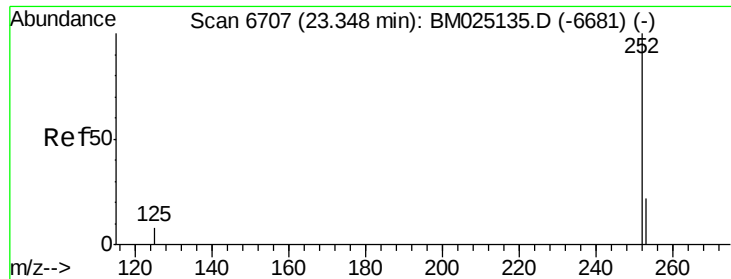
Delta R.T. -0.01 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Tgt Ion:252	Resp:	2817
Ion Ratio	Lower	Upper
252 100		
253 43.2	0.0	49.8
125 30.9	0.0	28.6#





#23

Benzo(a)pyrene

Concen: 0.034 ng/ul

RT: 23.34 min Scan# 6703

Delta R.T. -0.01 min

Lab File: BM025147.D

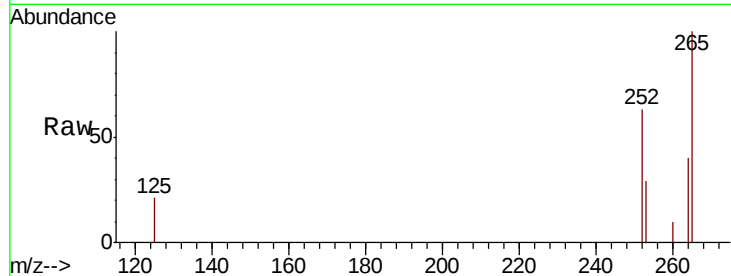
Acq: 28 Feb 2020 23:33

Instrument :

BNA_M

ClientSampleId :

DBD11



Tot Ion:	252	Resp:	2235
Ion Ratio	Lower	Upper	
252	100		
253	46.4	20.3	30.5#
125	32.5	13.0	19.4#

Manual Integrations
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3/3/2020 8:39:20 AM

