

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025105.D
 Acq On : 27 Feb 2020 14:21
 Operator : CG/JU
 Sample : L1506-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCX9

Manual Integrations
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Quant Time: Feb 27 17:14:33 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 : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	8207	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	4939	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	11323m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	12114	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	14047	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6143	0.40	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	17208	0.44	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	8562	0.343	ng/ul#	84
5) 2-Methylnaphthalene	12.13	142	11953	0.663	ng/ul	99
7) Acenaphthylene	14.04	152	2402	0.084	ng/ul	98
8) Acenaphthene	14.38	153	7533	0.394	ng/ul	99
9) Fluorene	15.37	166	14146	0.589	ng/ul	95
11) Pentachlorophenol	16.72	266	354	0.102	ng/ul	98
12) Phenanthrene	17.10	178	19849	0.498	ng/ul	96
15) Fluoranthene	19.12	202	25659	0.444	ng/ul	97
17) Pyrene	19.48	202	23331	0.427	ng/ul	97
18) Benzo(a)anthracene	21.23	228	11215	0.214	ng/ul	99
19) Chrysene	21.28	228	27608	0.530	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	38765	0.704	ng/ul	93
22) Benzo(k)fluoranthene	22.83	252	20501	0.376	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.65	278	42303	0.799	ng/ul	97
26) Benzo(g,h,i)perylene	26.30	276	17755	0.335	ng/ul#	94

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

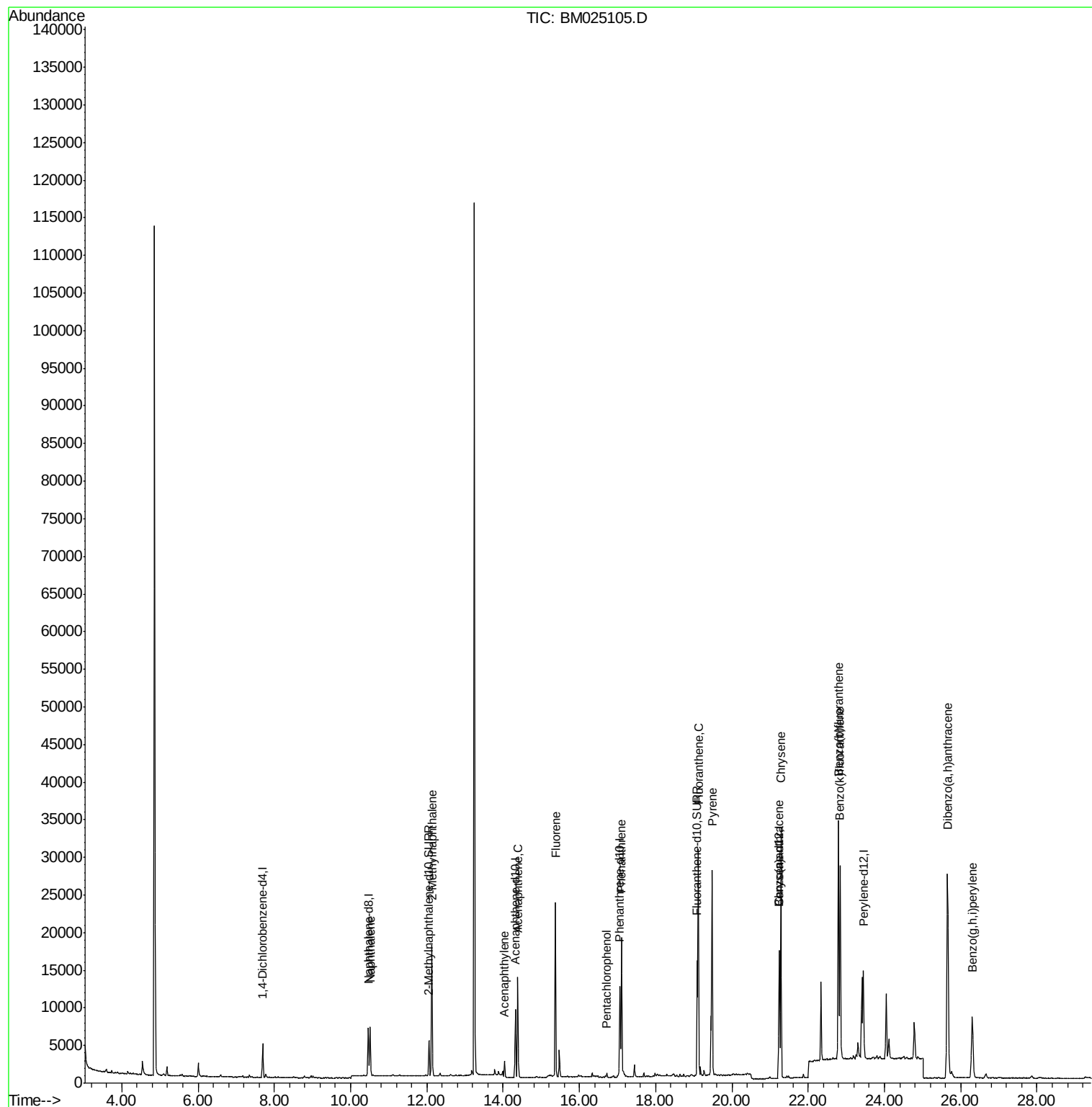
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025105.D
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Operator : CG/JU
Sample : L1506-23
Misc :
ALS Vial : 3 Sample Multiplier: 1

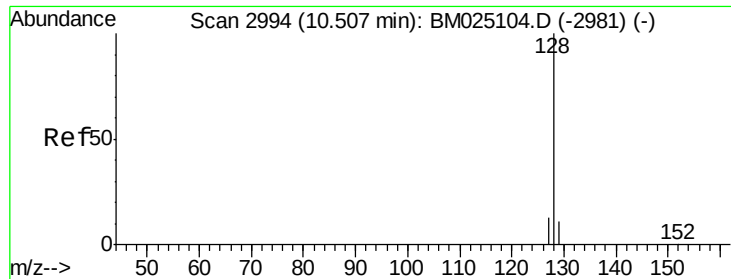
Instrument :
BNA_M
ClientSampleId :
DBCX9

Quant Time: Feb 27 17:14:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.343 ng/ul

RT: 10.51 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Instrument :

BNA_M

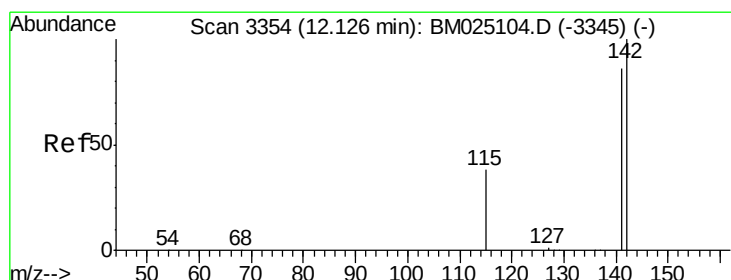
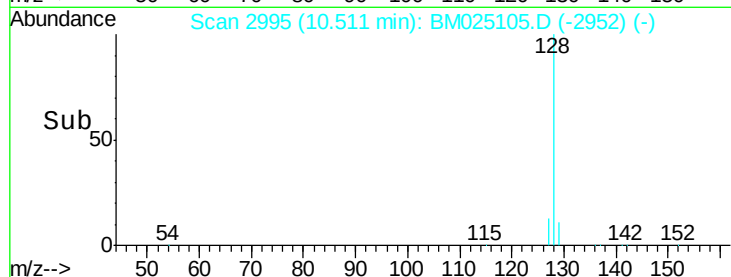
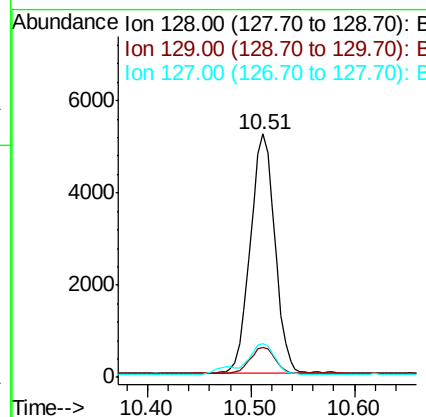
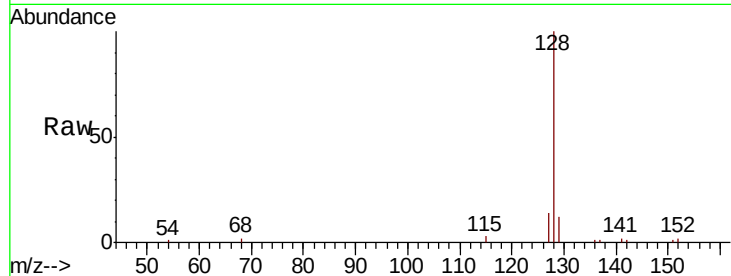
ClientSampleId :

DBCX9

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	17.0	25.6#
127	14.1	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.663 ng/ul

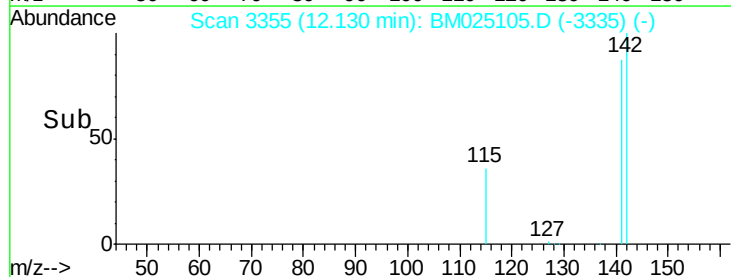
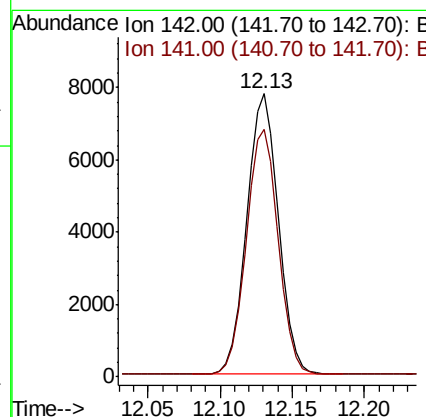
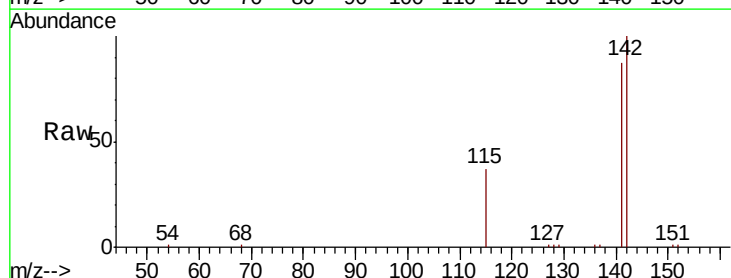
RT: 12.13 min Scan# 3355

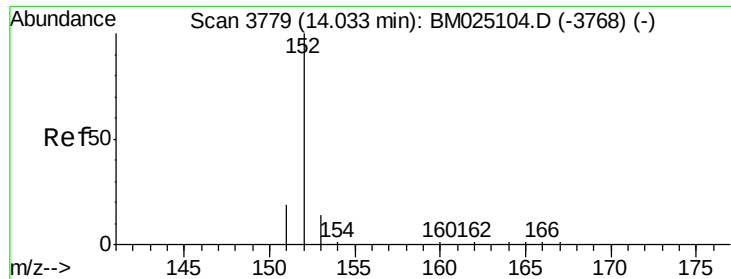
Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Instrument :

BNA_M

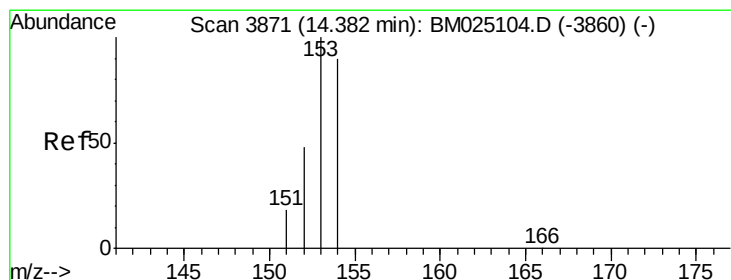
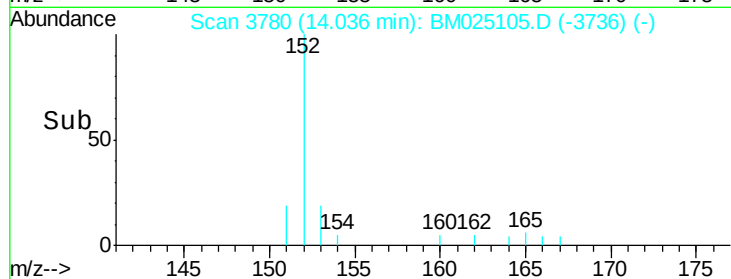
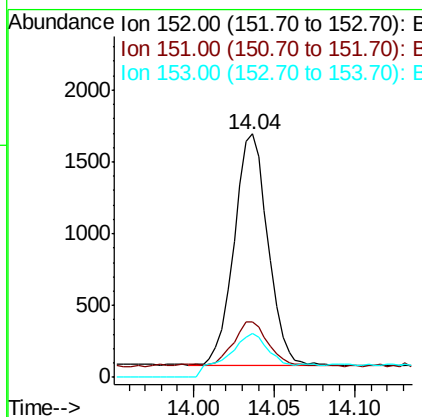
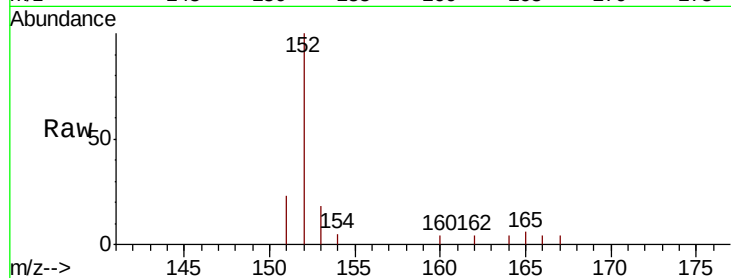
ClientSampleId :

DBCX9

Tot Ion:	152	Resp:	2402
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.8	26.8
153	18.2	13.3	19.9

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#8

Acenaphthene

Concen: 0.394 ng/ul

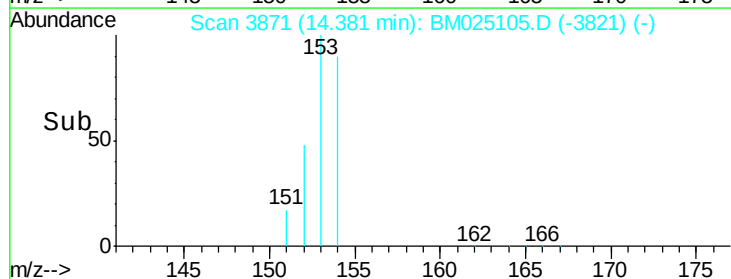
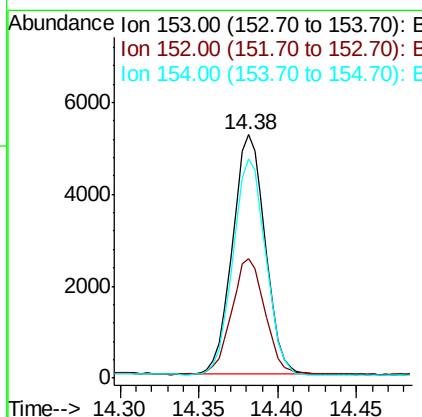
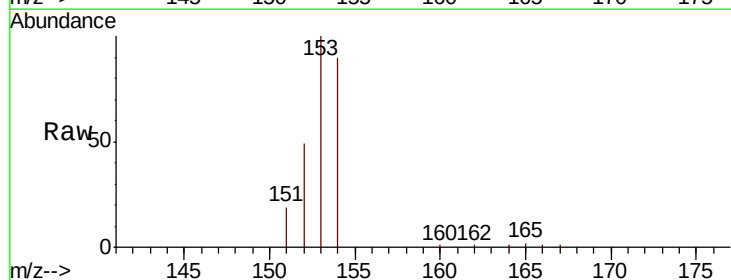
RT: 14.38 min Scan# 3871

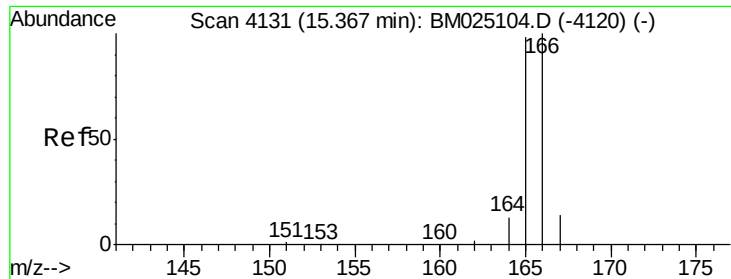
Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Tgt Ion:	153	Resp:	7533
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.0	60.0
154	90.1	71.0	106.6





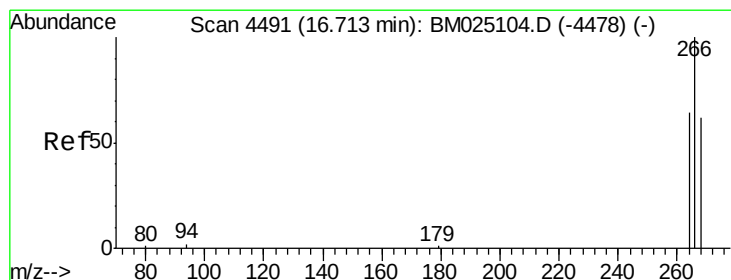
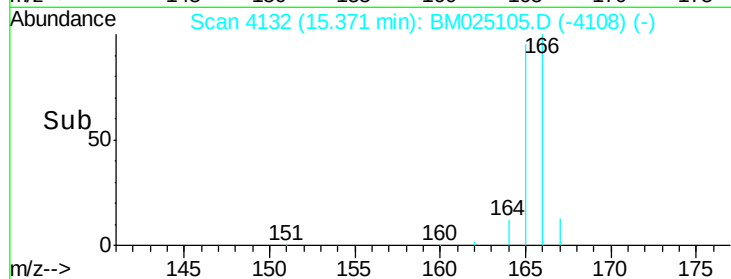
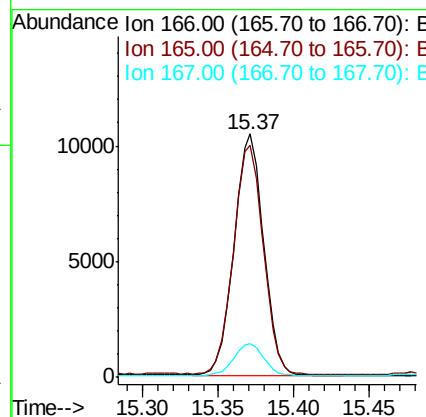
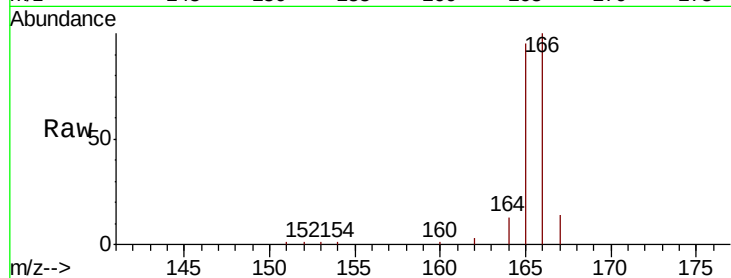
#9
Fluorene
 Concen: 0.589 ng/ul
 RT: 15.37 min Scan# 4132
 Delta R.T. -0.01 min
 Lab File: BM025105.D
 Acq: 27 Feb 2020 14:21

Instrument :
 BNA_M
 ClientSampled :
 DBCX9

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.3	80.0	120.0
167	13.7	13.7	20.5

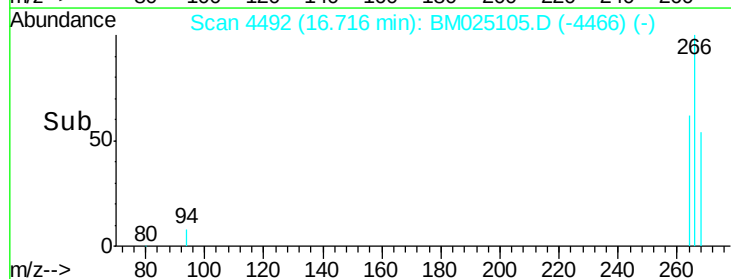
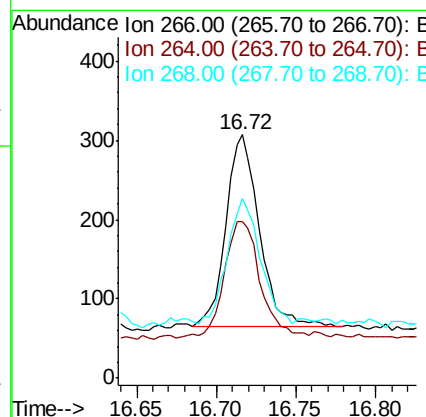
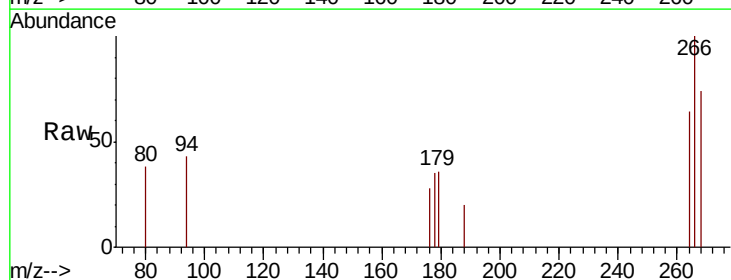
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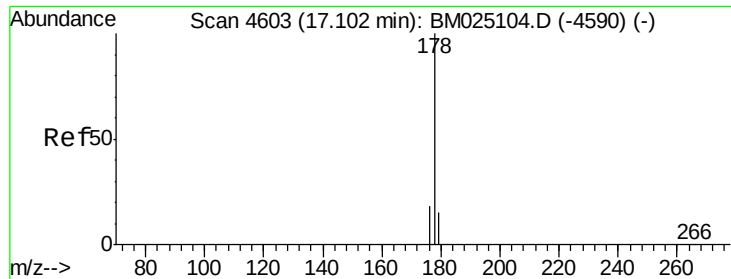
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#11
Pentachlorophenol
 Concen: 0.102 ng/ul
 RT: 16.72 min Scan# 4492
 Delta R.T. -0.01 min
 Lab File: BM025105.D
 Acq: 27 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.8	74.6
268	64.4	49.0	73.4





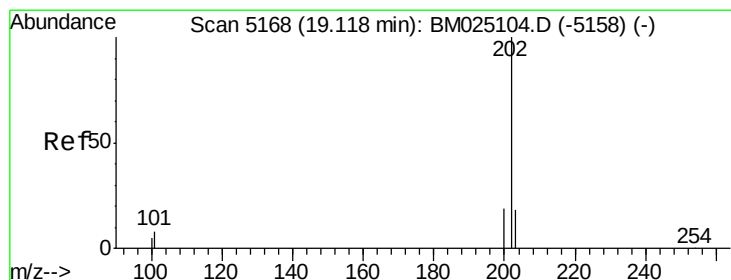
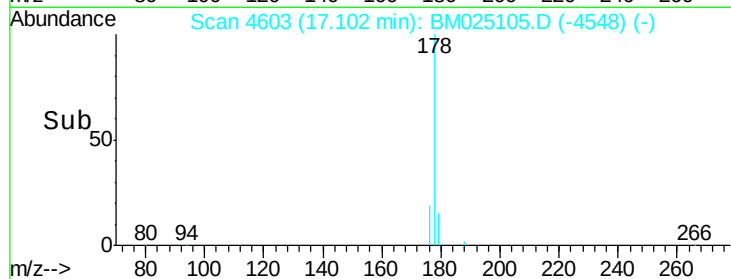
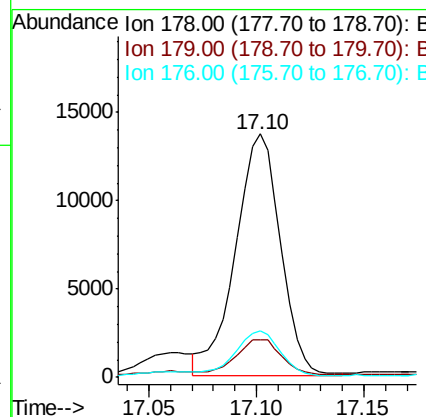
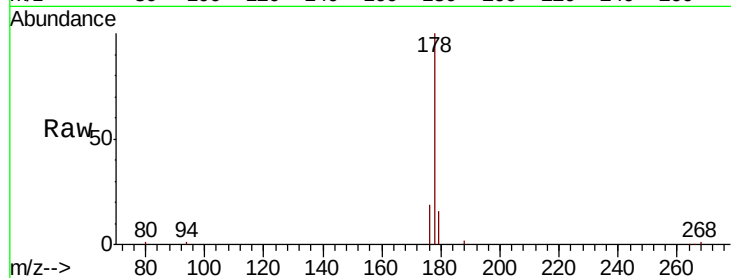
#12
Phenanthrene
Concen: 0.498 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. -0.01 min
Lab File: BM025105.D
Acq: 27 Feb 2020 14:21

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		19849		
179	15.7	14.0	21.0		
176	19.0	16.6	24.8		

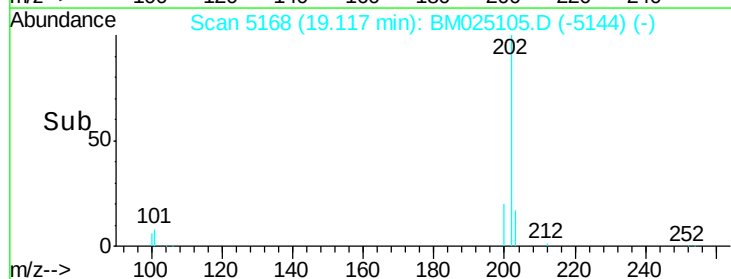
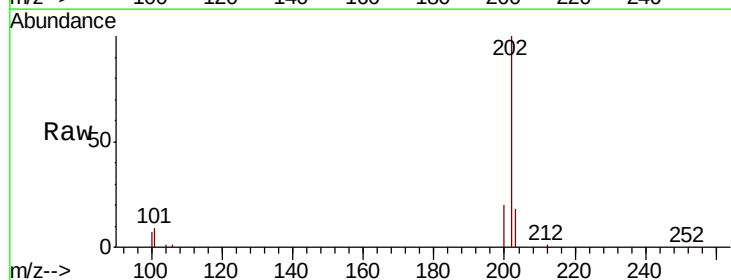
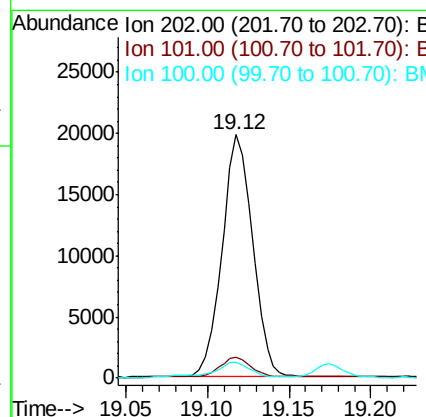
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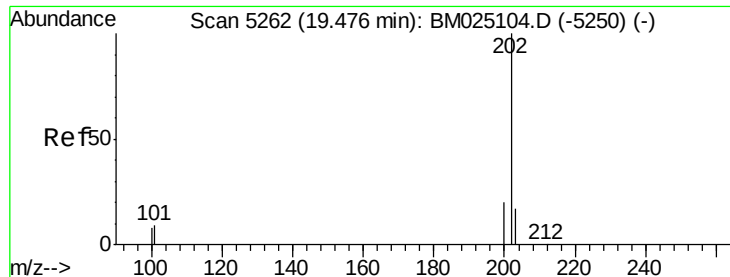
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#15
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.12 min Scan# 5168
Delta R.T. -0.01 min
Lab File: BM025105.D
Acq: 27 Feb 2020 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		25659		
101	8.6	0.0	29.4		
100	6.6	0.0	28.0		





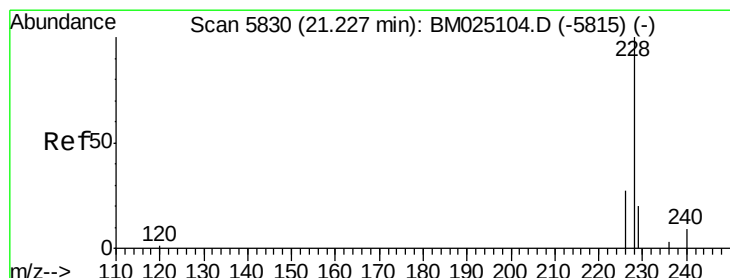
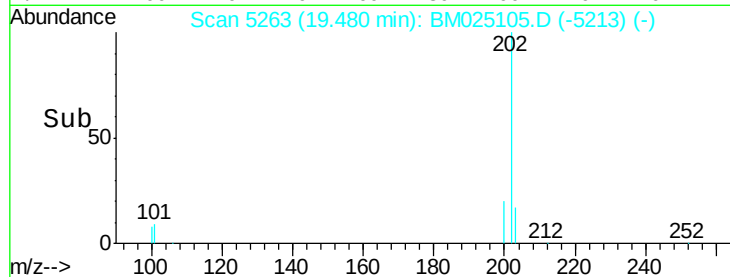
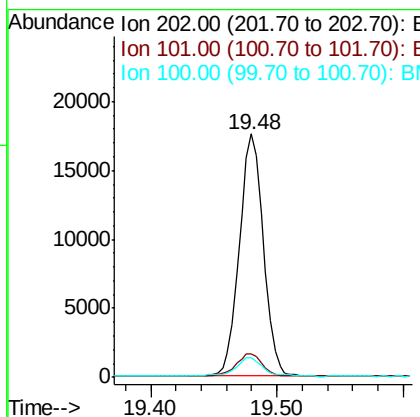
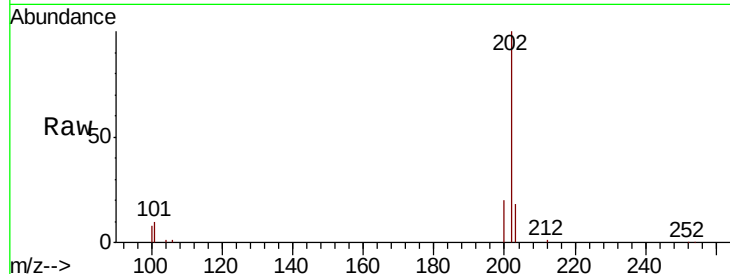
#17
Pvrene
Concen: 0.427 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025105.D
Acq: 27 Feb 2020 14:21

Instrument :
BNA_M
ClientSampleId :
DBCX9

Tot Ion:	202	Resp:	23331
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.7	13.1
100	8.0	7.3	10.9

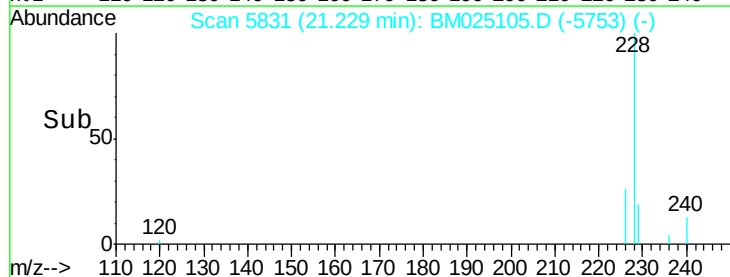
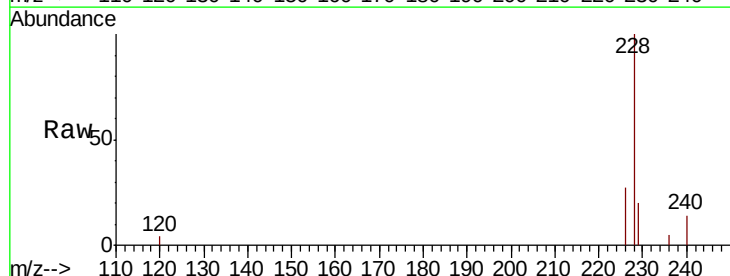
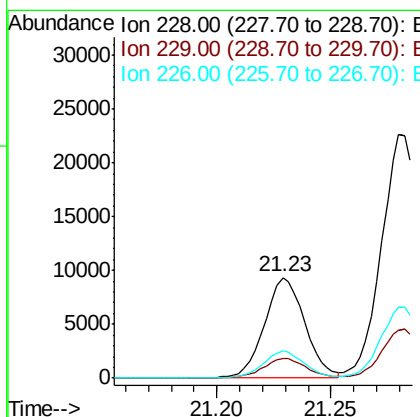
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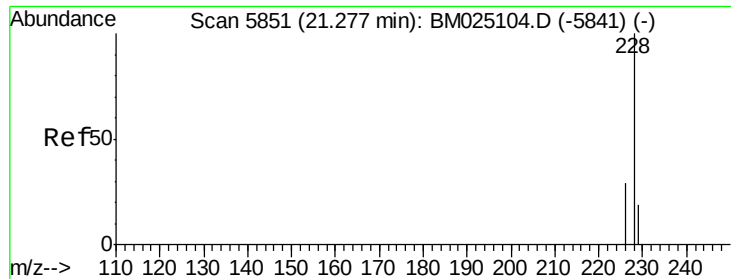
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#18
Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM025105.D
Acq: 27 Feb 2020 14:21

Tgt Ion:	228	Resp:	11215
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.6	25.0
226	26.8	21.9	32.9





#19

Chrysene

Concen: 0.530 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Instrument :

BNA_M

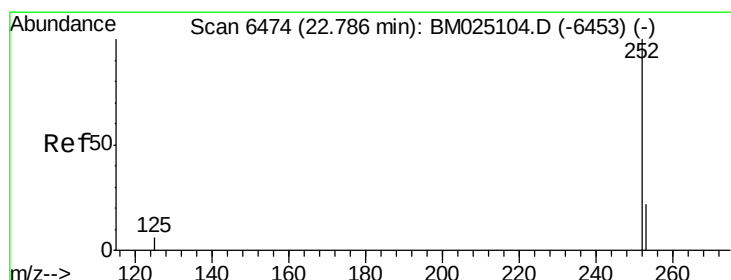
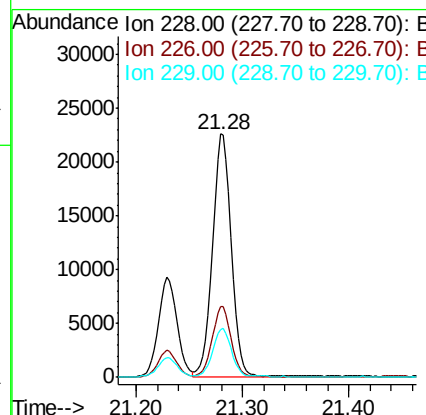
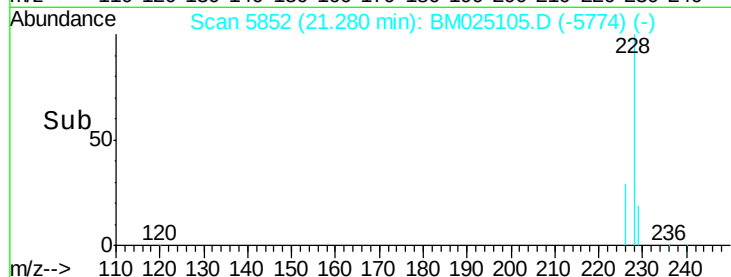
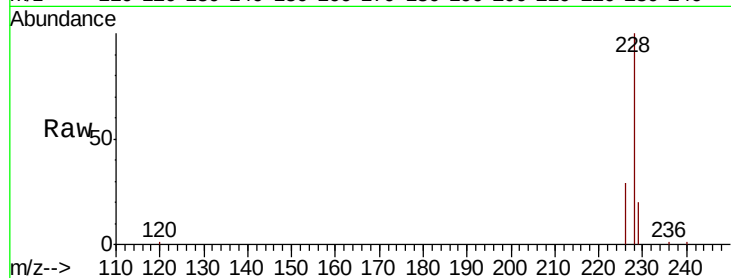
ClientSampleId :

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Tot Ion:228	Resp:	27608
Ion Ratio	Lower	Upper
228 100		
226 28.8	23.8	35.8
229 19.5	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.704 ng/ul

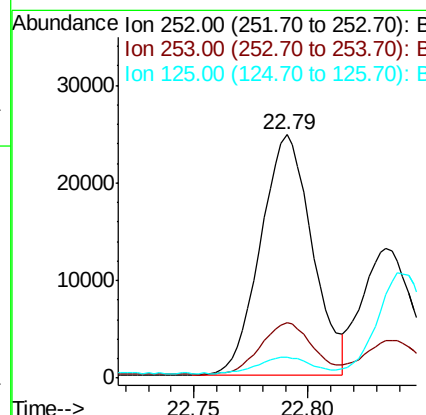
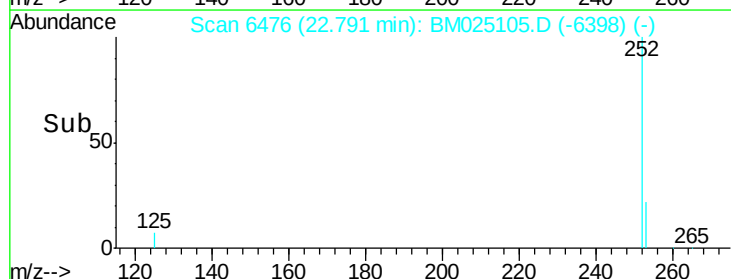
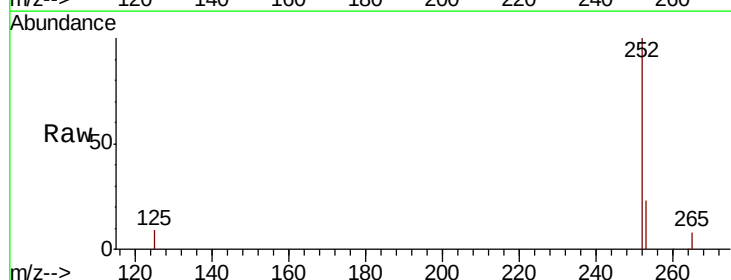
RT: 22.79 min Scan# 6476

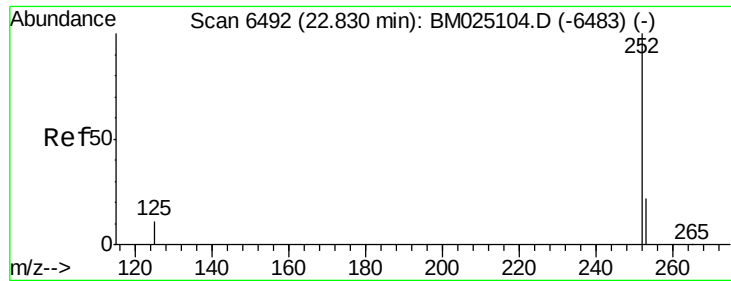
Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Tgt Ion:252	Resp:	38765
Ion Ratio	Lower	Upper
252 100		
253 22.9	0.0	49.8
125 8.8	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.376 ng/ul

RT: 22.83 min Scan# 6494

Delta R.T. -0.01 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Instrument :

BNA_M

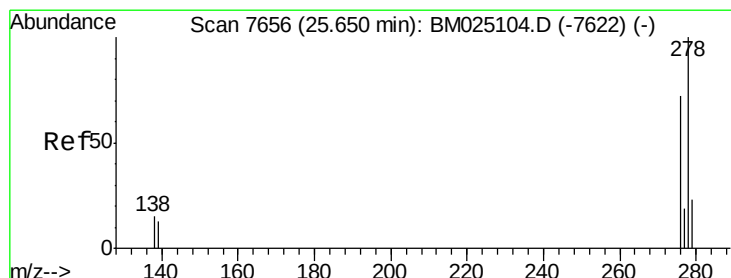
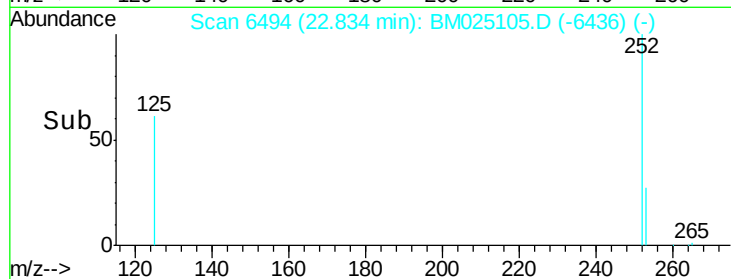
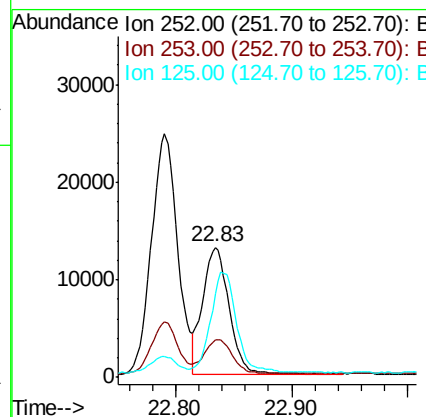
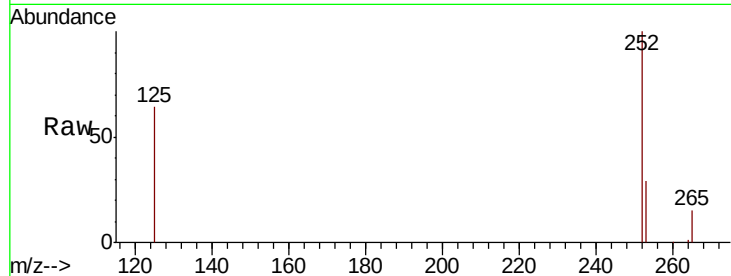
ClientSampleId :

DBCX9

Tot Ion:	252	Resp:	20501
Ion Ratio	Lower	Upper	
252	100		
253	29.0	19.4	29.0
125	63.7	10.7	16.1#

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#25

Dibenzo(a,h)anthracene

Concen: 0.799 ng/ul

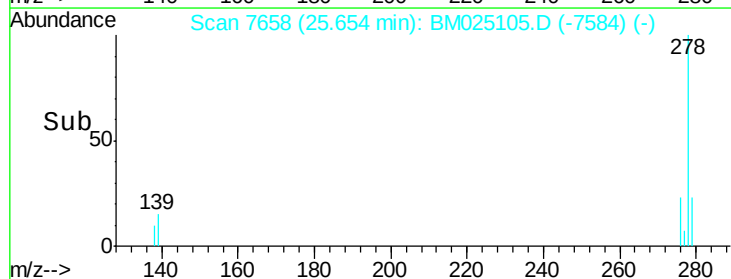
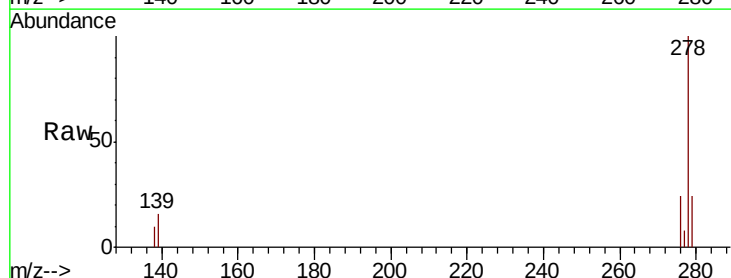
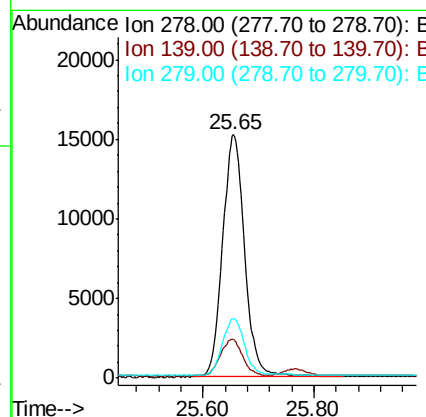
RT: 25.65 min Scan# 7658

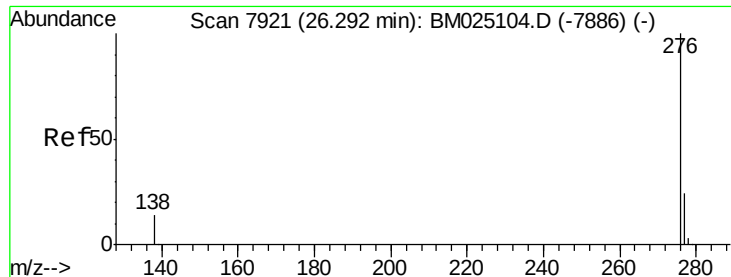
Delta R.T. -0.02 min

Lab File: BM025105.D

Acq: 27 Feb 2020 14:21

Tgt Ion:	278	Resp:	42303
Ion Ratio	Lower	Upper	
278	100		
139	15.7	13.2	19.8
279	24.3	21.0	31.4





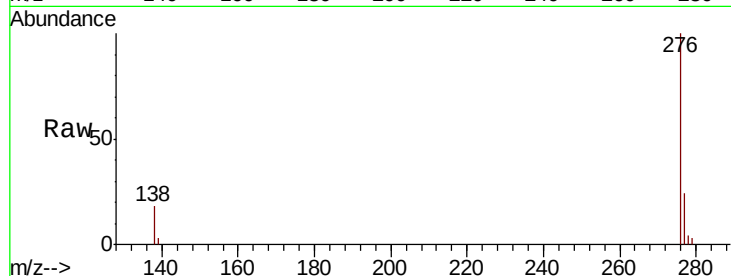
#26
 Benzo(a,h,i)perylene
 Concen: 0.335 ng/ul
 RT: 26.30 min Scan# 7925
 Delta R.T. -0.02 min
 Lab File: BM025105.D
 Acq: 27 Feb 2020 14:21

Instrument :
 BNA_M
 ClientSampleId :
 DBCX9

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.9	26.9#
277	24.5	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 2/28/2020 2:40:23 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

