

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123020\
 Data File : BM028285.D
 Acq On : 30 Dec 2020 13:44
 Operator : JU/CG
 Sample : L5175-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2T94

Manual Integrations
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Quant Time: Dec 30 14:35:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 10:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	1553	0.40	ng/ul	0.00
4) Naphthalene-d8	11.01	136	5903	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.81	164	3030	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.53	188	6161	0.40	ng/ul	0.00
17) Chrysene-d12	21.65	240	5671	0.40	ng/ul	0.00
23) Perylene-d12	24.00	264	5436	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	1072	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.58	152	2863	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.53	212	5300	0.31	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.06	128	5189	0.311	ng/ul	99
7) 2-Methylnaphthalene	12.65	142	6077	0.553	ng/ul	99
10) Acenaphthylene	14.53	152	3230	0.264	ng/ul	97
12) Fluorene	15.85	166	6058	0.496	ng/ul	100
14) Pentachlorophenol	17.18	266	1148	0.734	ng/ul	98
15) Phenanthrene	17.57	178	5947	0.315	ng/ul	98
16) Anthracene	17.67	178	8393	0.506	ng/ul	99
19) Fluoranthene	19.56	202	5713	0.256	ng/ul	95
20) Pyrene	19.92	202	7556	0.340	ng/ul	96
21) Benzo(a)anthracene	21.63	228	9184	0.491	ng/ul	98
22) Chrysene	21.69	228	9097	0.452	ng/ul	100
24) Benzo(b)fluoranthene	23.29	252	15154	0.693	ng/ul	98
25) Benzo(k)fluoranthene	23.34	252	6650m	0.317	ng/ul	
26) Benzo(a)pyrene	23.90	252	6307	0.349	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.43	278	15384	0.837	ng/ul	99
29) Benzo(a,h,i)perylene	27.16	276	6996	0.366	ng/ul	97

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

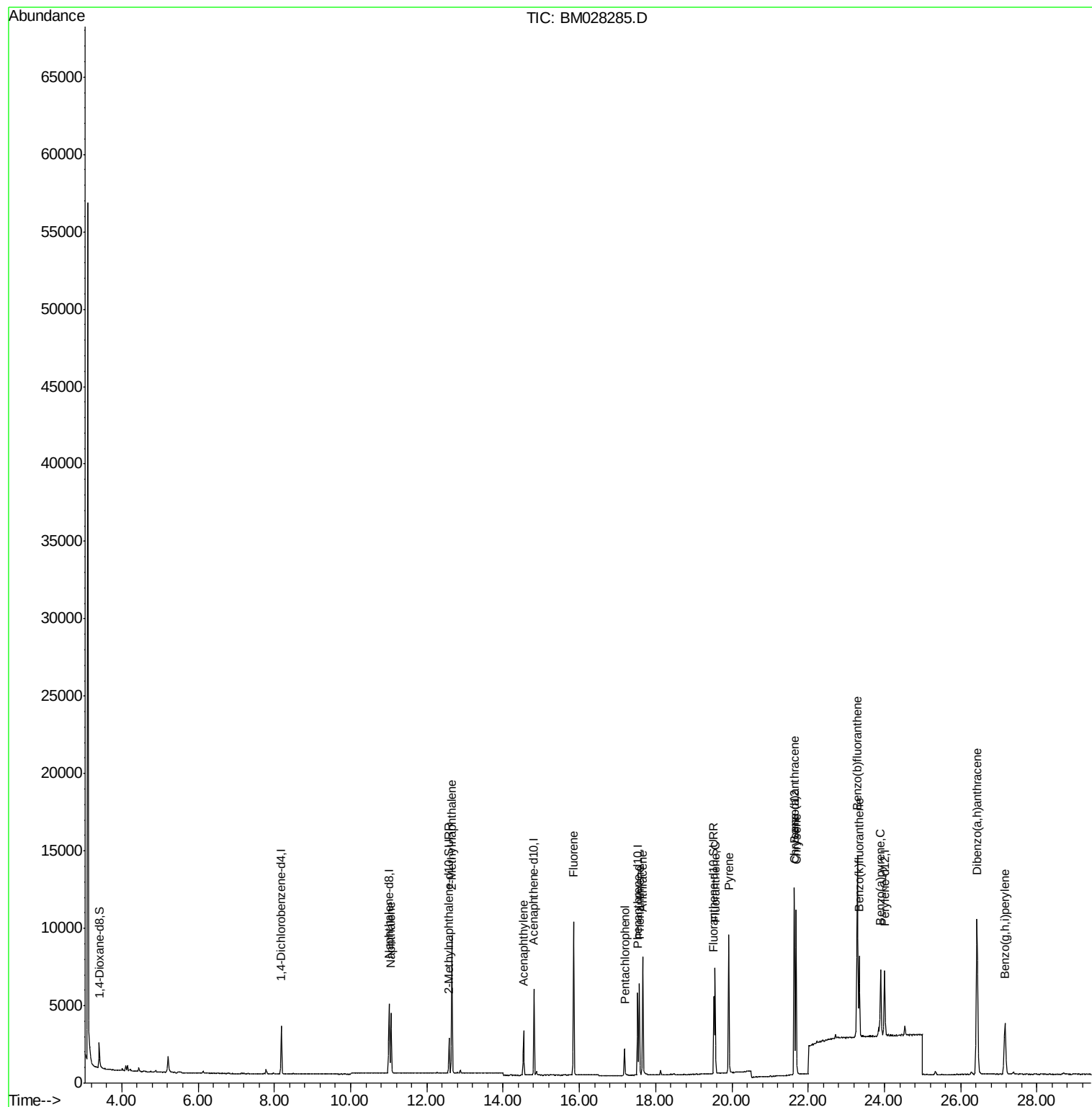
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123020\
Data File : BM028285.D
Acq On : 30 Dec 2020 13:44
Operator : JU/CG
Sample : L5175-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

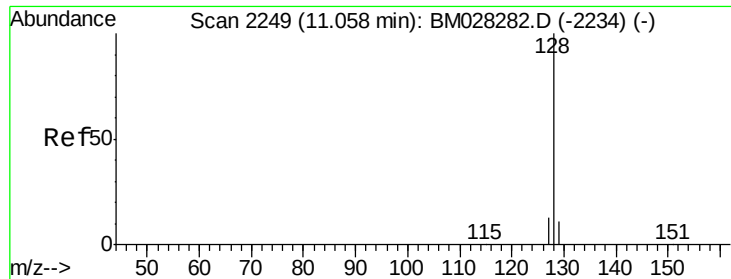
Instrument :
BNA_M
ClientSampleId :
X2T94

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Quant Time: Dec 30 14:35:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 30 10:02:26 2020
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.311 ng/ul

RT: 11.06 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Instrument :

BNA_M

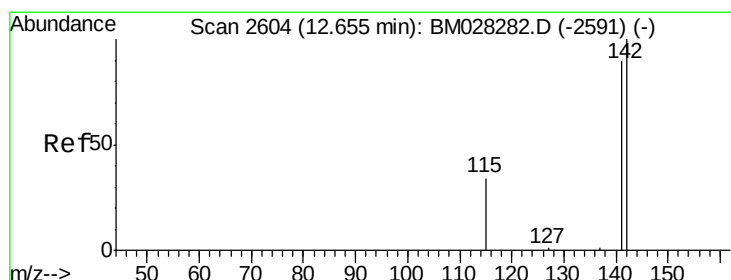
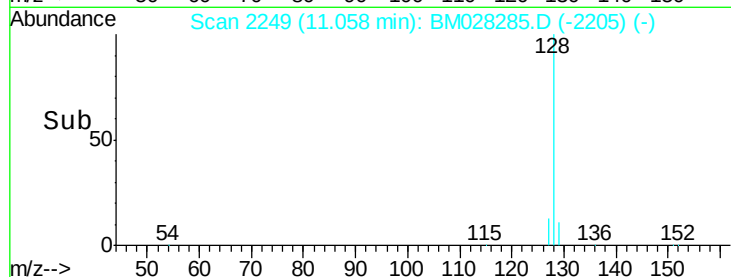
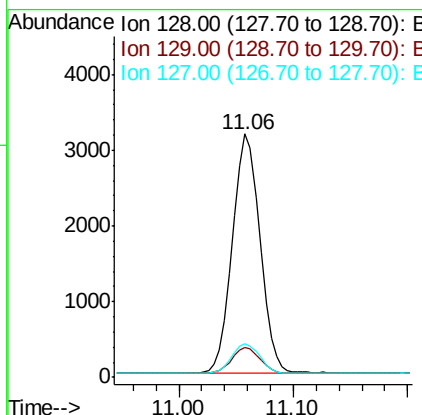
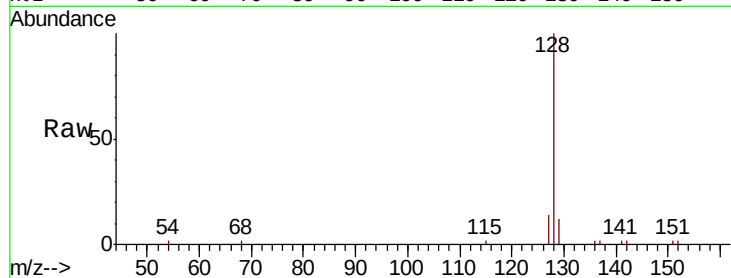
ClientSampleId :

X2T94

Tot Ion:	128	Resp:	5189
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.0	10.8	16.2

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#7

2-Methylnaphthalene

Concen: 0.553 ng/ul

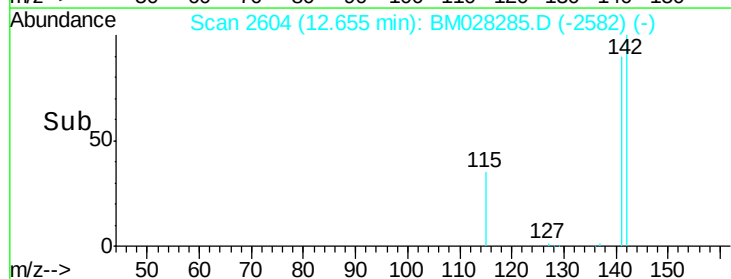
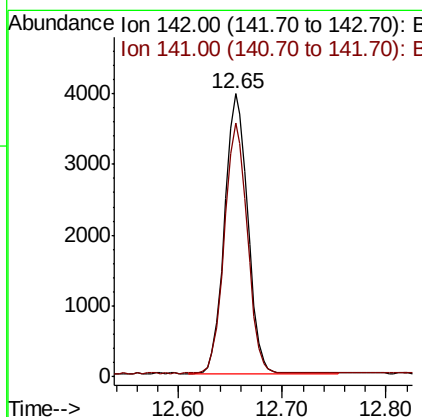
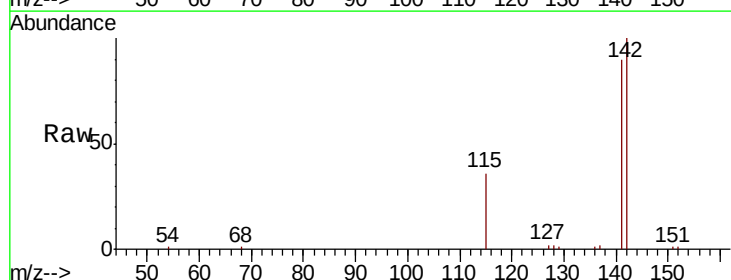
RT: 12.65 min Scan# 2604

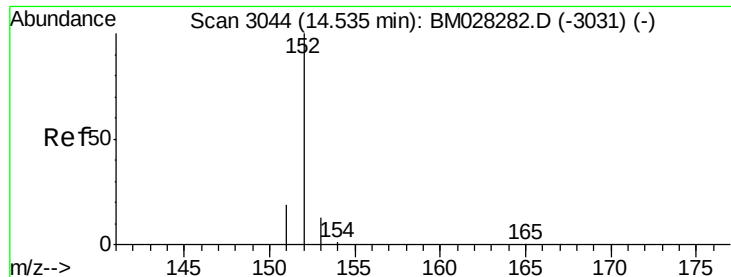
Delta R.T. -0.00 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Tgt Ion:	142	Resp:	6077
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.8	107.8





#10

Acenaphthylene

Concen: 0.264 ng/ul

RT: 14.53 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Instrument :

BNA_M

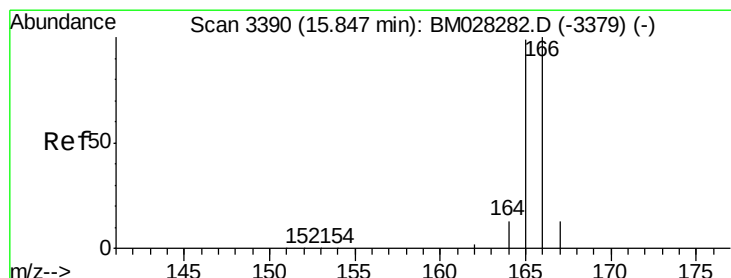
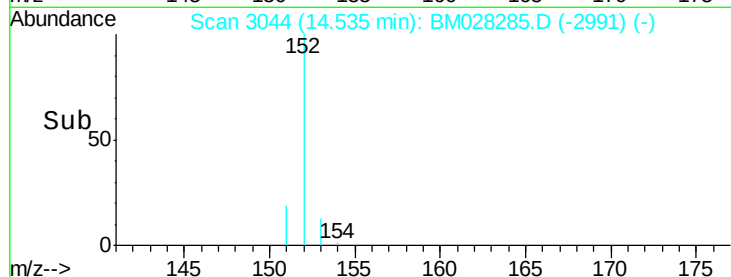
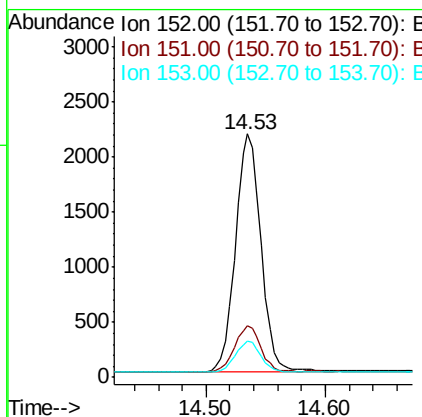
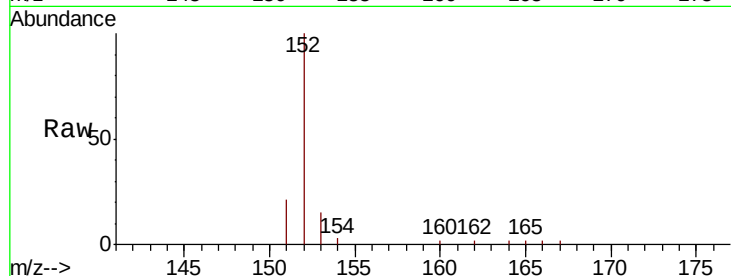
ClientSampleId :

X2T94

Tot Ion:	152	Resp:	3230
Ion Ratio	Lower	Upper	
152	100		
151	21.4	15.9	23.9
153	14.9	10.7	16.1

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#12

Fluorene

Concen: 0.496 ng/ul

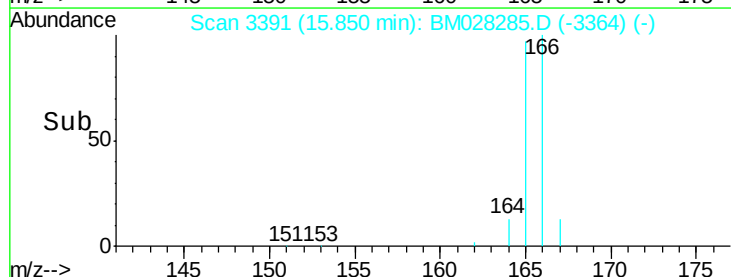
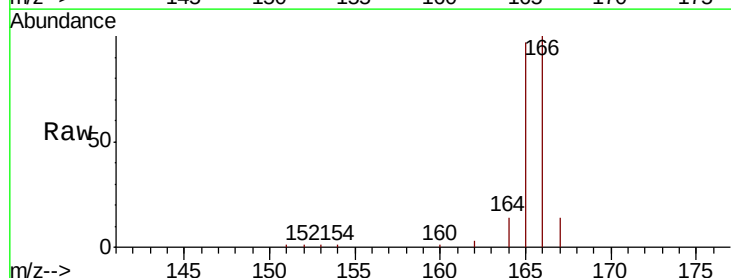
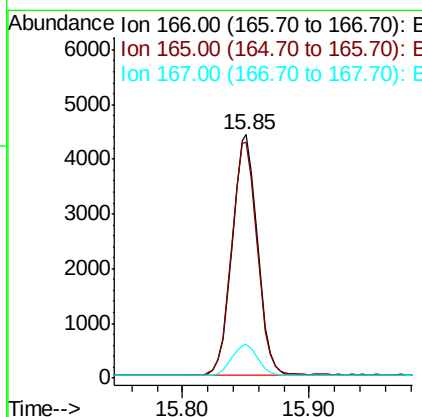
RT: 15.85 min Scan# 3391

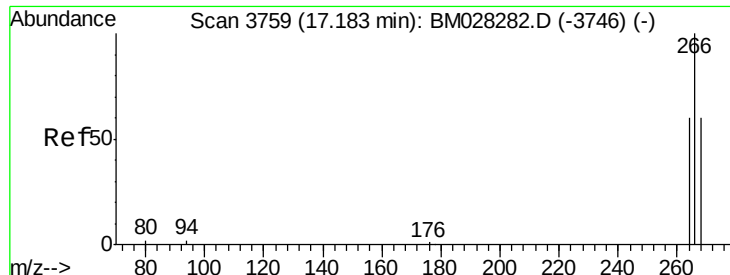
Delta R.T. 0.00 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Tgt Ion:	166	Resp:	6058
Ion Ratio	Lower	Upper	
166	100		
165	97.1	77.9	116.9
167	14.0	11.4	17.0





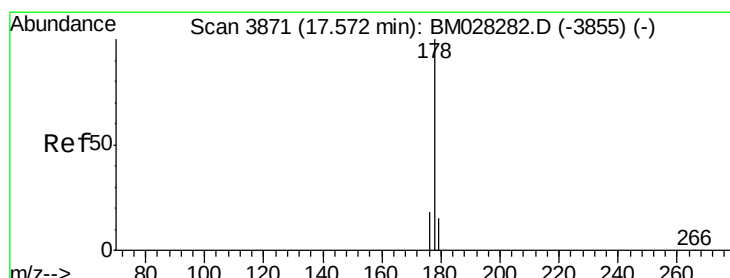
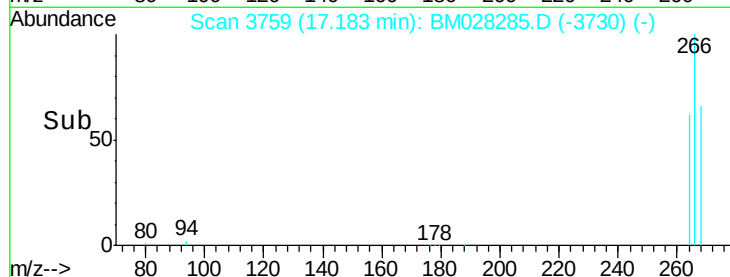
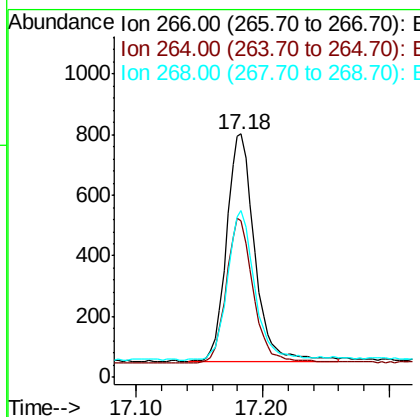
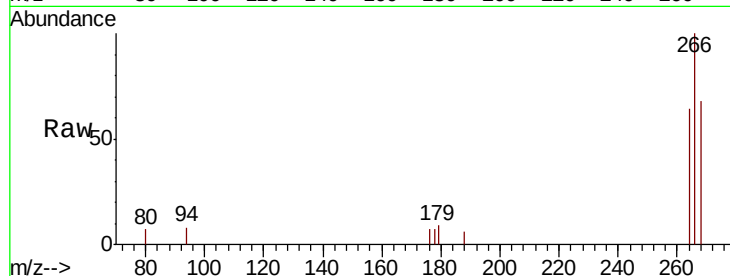
#14
 Pentachlorophenol
 Concen: 0.734 ng/ul
 RT: 17.18 min Scan# 3759
 Delta R.T. -0.00 min
 Lab File: BM028285.D
 Acq: 30 Dec 2020 13:44

Instrument :
 BNA_M
 ClientSampleId :
 X2T94

Tot Ion:	266	Resp:	1148
Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.6	77.4
268	65.3	51.6	77.4

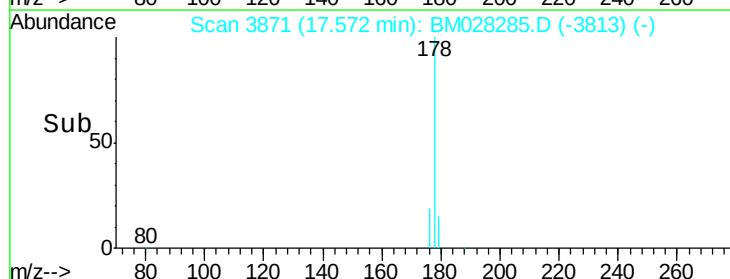
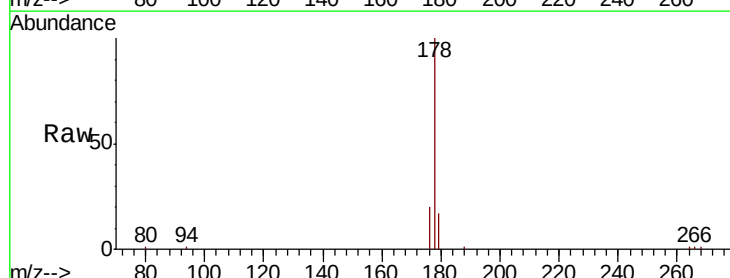
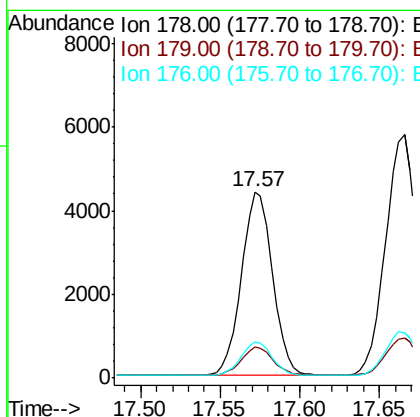
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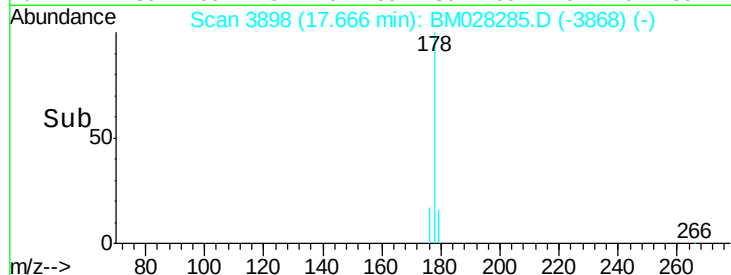
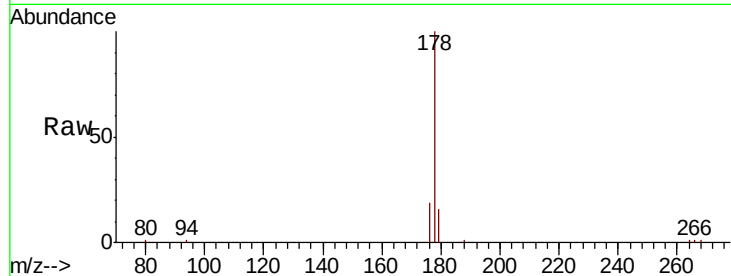
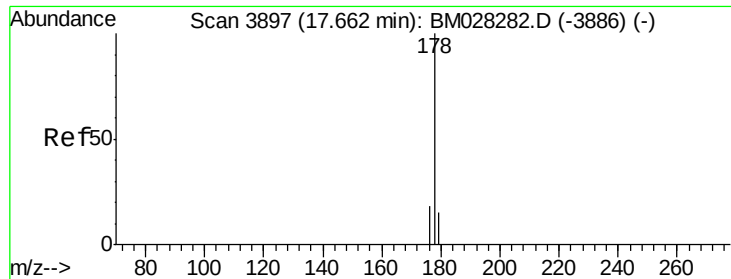
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#15
 Phenanthrene
 Concen: 0.315 ng/ul
 RT: 17.57 min Scan# 3871
 Delta R.T. -0.00 min
 Lab File: BM028285.D
 Acq: 30 Dec 2020 13:44

Tgt Ion:	178	Resp:	5947
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	19.7	14.9	22.3





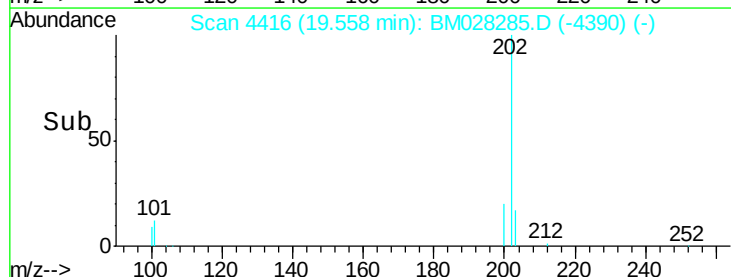
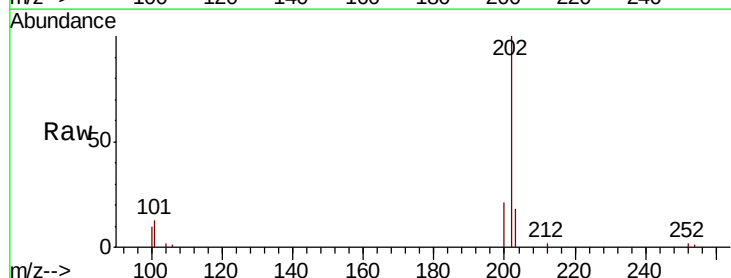
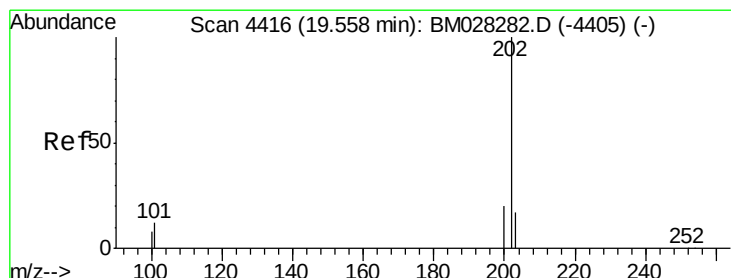
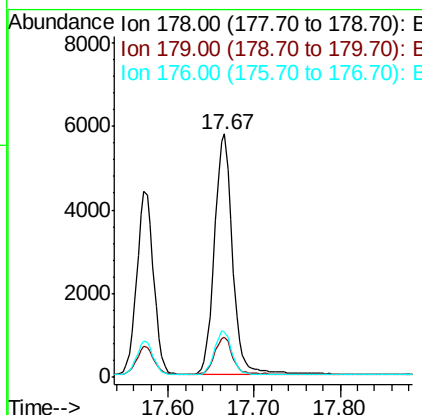
#16
 Anthracene
 Concen: 0.506 ng/ul
 RT: 17.67 min Scan# 3898
 Delta R.T. 0.00 min
 Lab File: BM028285.D
 Acq: 30 Dec 2020 13:44

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	18.5	14.7	22.1

Instrument :
 BNA_M
 ClientSampleId :
 X2T94

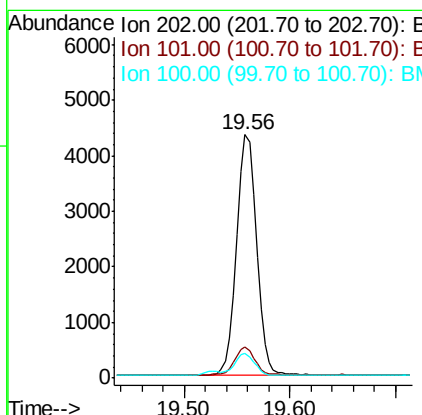
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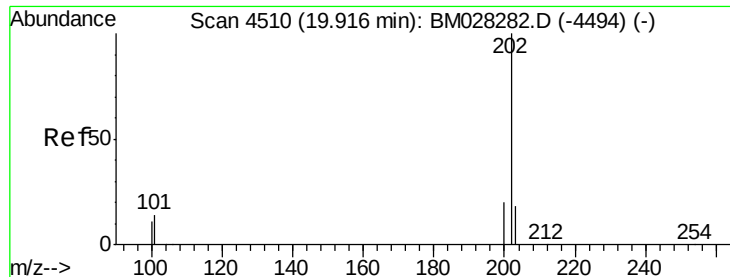
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#19
 Fluoranthene
 Concen: 0.256 ng/ul
 RT: 19.56 min Scan# 4416
 Delta R.T. -0.00 min
 Lab File: BM028285.D
 Acq: 30 Dec 2020 13:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.8	13.2
100	10.1	6.8	10.2





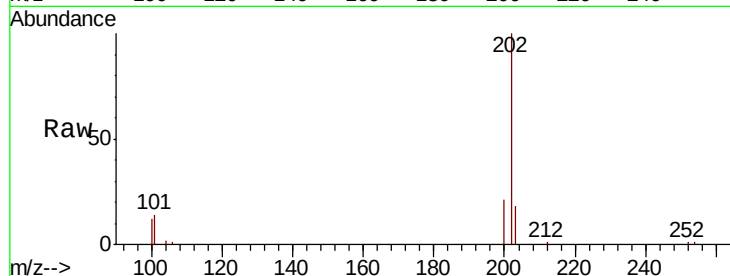
#20
 Pyrene
 Concen: 0.340 ng/ul
 RT: 19.92 min Scan# 4510
 Delta R.T. -0.00 min
 Lab File: BM028285.D
 Acq: 30 Dec 2020 13:44

Instrument :
 BNA_M
 ClientSampleId :
 X2T94

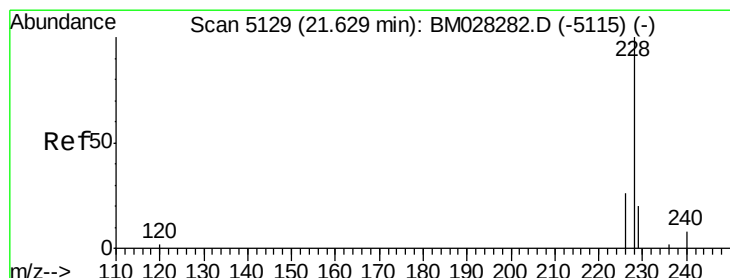
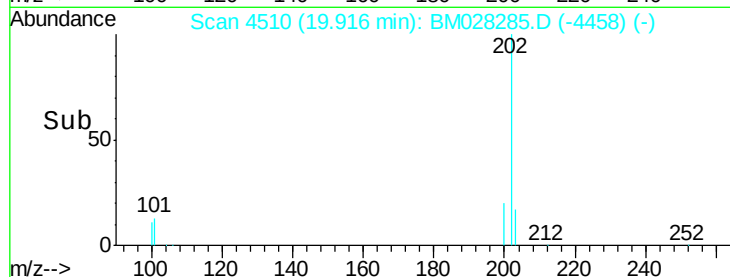
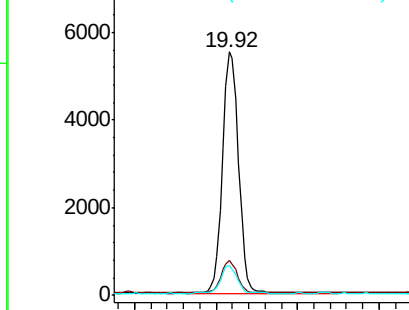
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.1	15.1
100	12.1	8.4	12.6

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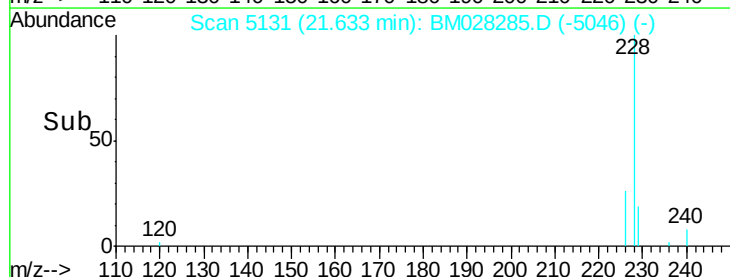
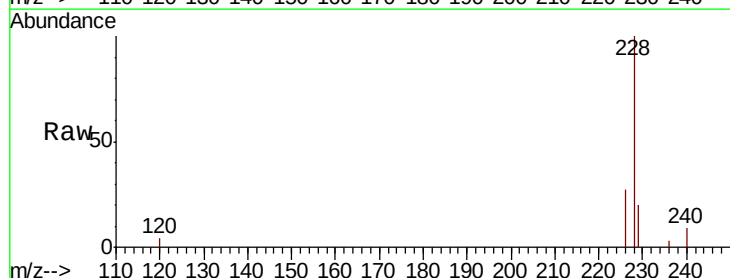
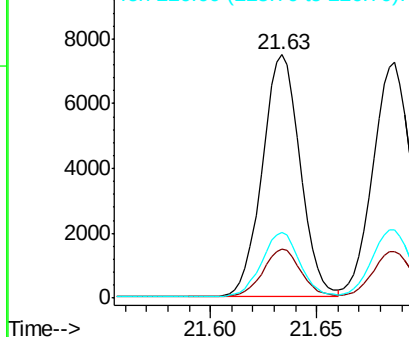
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

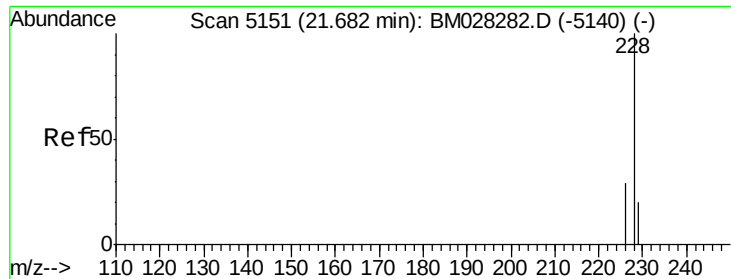


#21
 Benzo(a)anthracene
 Concen: 0.491 ng/ul
 RT: 21.63 min Scan# 5131
 Delta R.T. 0.00 min
 Lab File: BM028285.D
 Acq: 30 Dec 2020 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.0	20.7	31.1

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





#22

Chrysene

Concen: 0.452 ng/ul

RT: 21.69 min Scan# 5153

Delta R.T. 0.00 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Instrument :

BNA_M

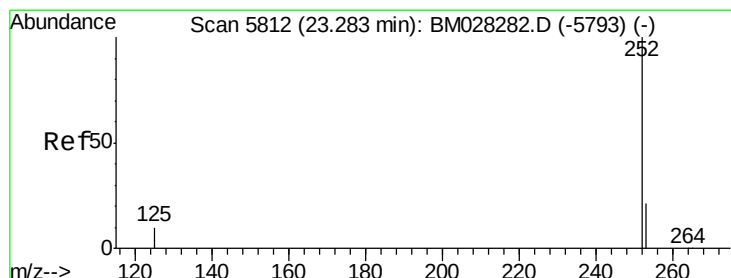
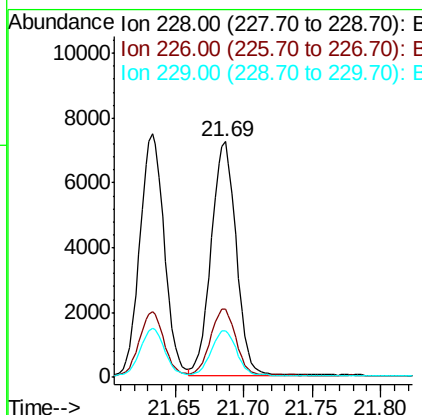
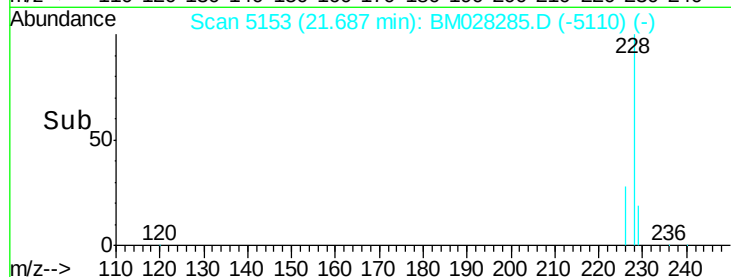
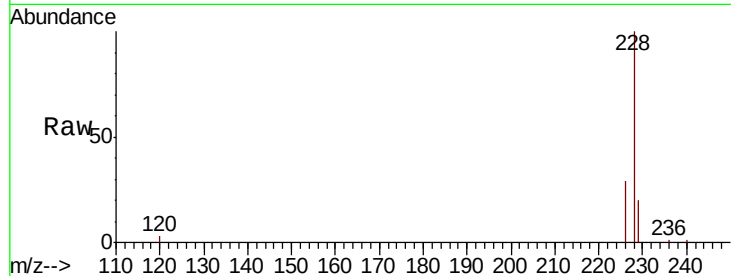
ClientSampled :

X2T94

Tot Ion:	228	Resp:	9097
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	20.0	15.9	23.9

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#24

Benzo(b)fluoranthene

Concen: 0.693 ng/ul

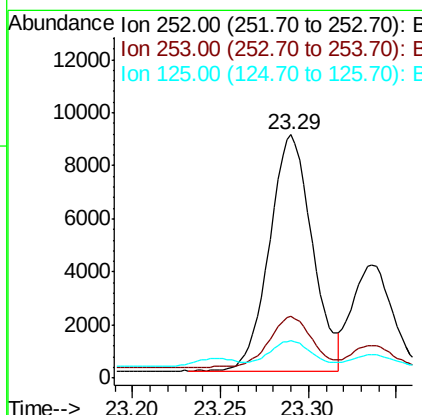
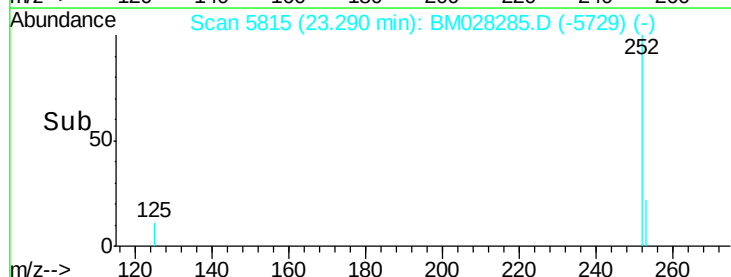
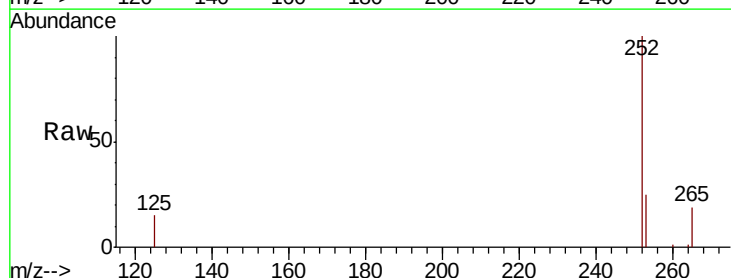
RT: 23.29 min Scan# 5815

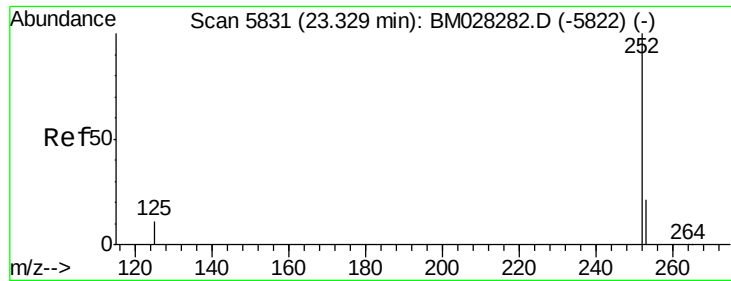
Delta R.T. 0.01 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Tgt Ion:	252	Resp:	15154
Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	51.4
125	15.3	0.0	32.8





#25

Benzo(k)fluoranthene

Concen: 0.317 ng/ul m

RT: 23.34 min Scan# 5834

Delta R.T. 0.01 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Instrument :

BNA_M

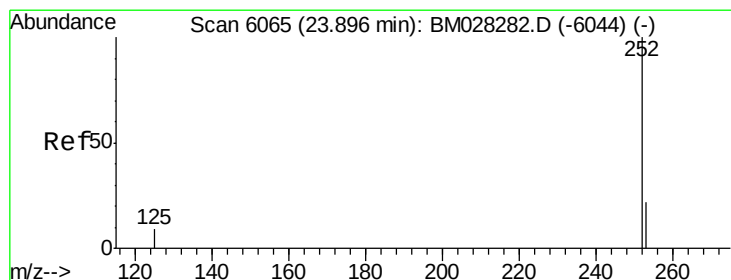
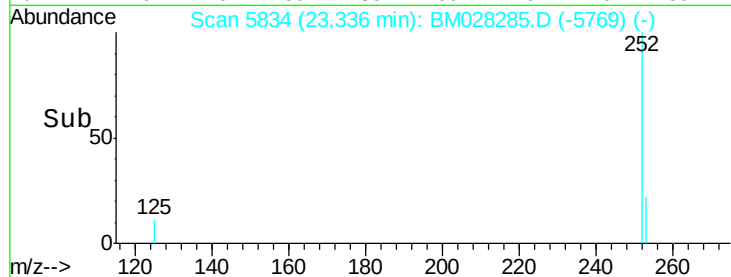
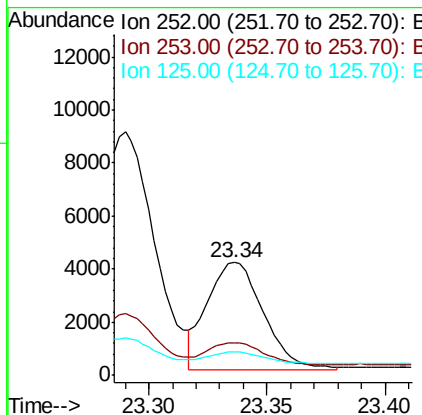
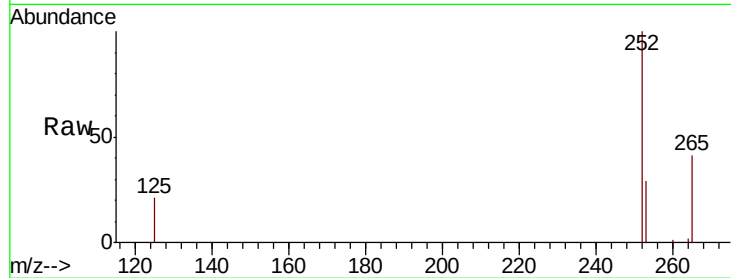
ClientSampled :

X2T94

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.1	31.7
125	20.8	13.4	20.2#

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#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

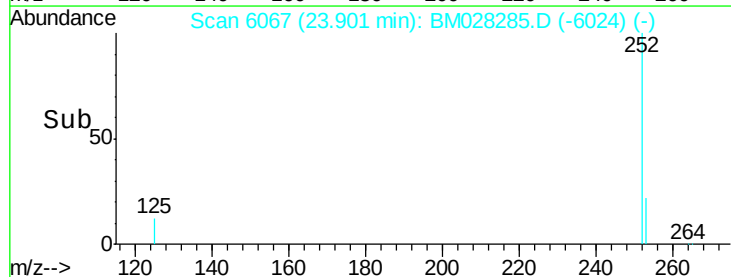
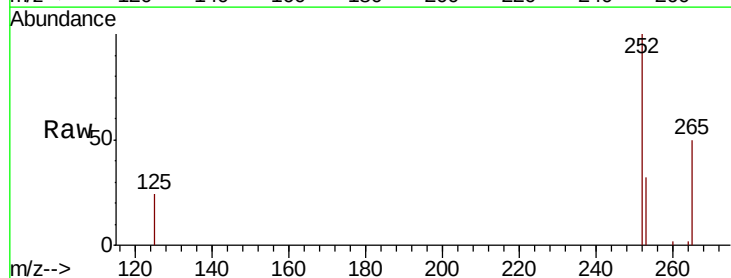
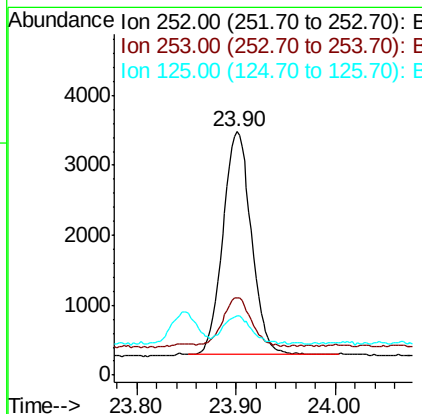
RT: 23.90 min Scan# 6067

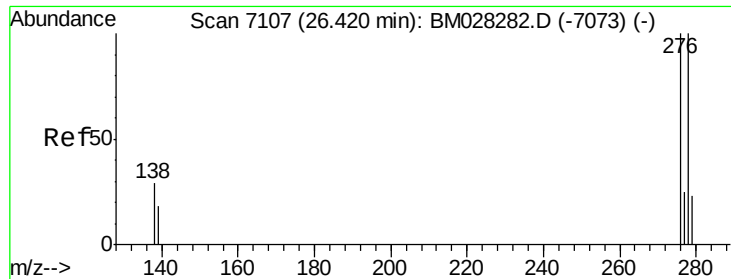
Delta R.T. 0.00 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.6	22.3	33.5
125	24.3	16.1	24.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.837 ng/ul

RT: 26.43 min Scan# 7110

Delta R.T. 0.01 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Instrument :

BNA_M

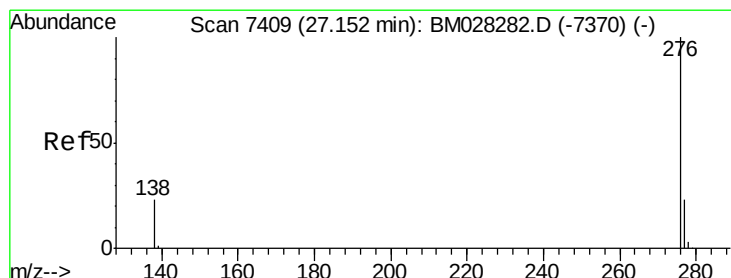
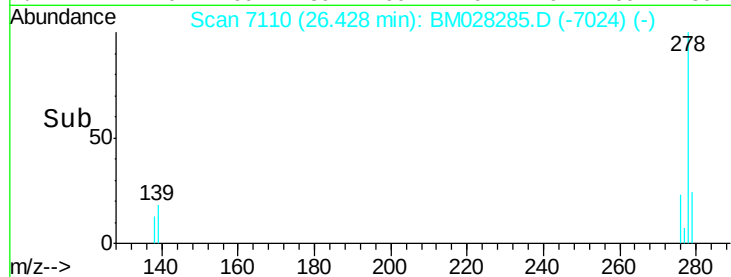
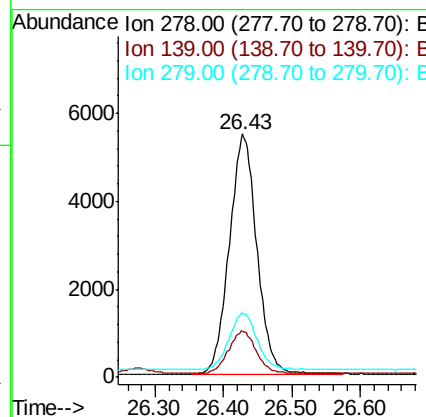
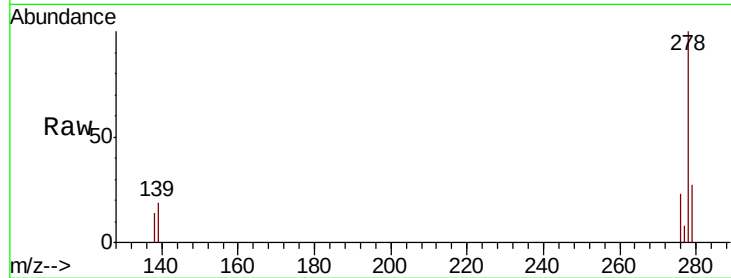
ClientSampleId :

X2T94

Tot Ion:	278	Resp:	15384
Ion Ratio	Lower	Upper	
278	100		
139	19.0	15.2	22.8
279	26.6	22.2	33.4

Manual Integrations
APPROVED

mohammad
12/31/2020 10:46:49 AM



#29

Benzo(g,h,i)perylene

Concen: 0.366 ng/ul

RT: 27.16 min Scan# 7413

Delta R.T. 0.01 min

Lab File: BM028285.D

Acq: 30 Dec 2020 13:44

Tgt Ion:	276	Resp:	6996
Ion Ratio	Lower	Upper	
276	100		
138	26.2	19.7	29.5
277	26.8	20.6	31.0

