

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025383.D
 Acq On : 08 Mar 2020 13:12
 Operator : CG/JU
 Sample : L1616-14
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ8

Manual Integrations
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Quant Time: Mar 09 02:02:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	5261	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	22112	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	15450	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	33056m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	25105	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	31164	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	12708	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	29252	0.27	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	17807	0.268	ng/ul#	84
5) 2-Methylnaphthalene	12.10	142	8855	0.183	ng/ul	99
7) Acenaphthylene	14.01	152	202492	2.799	ng/ul#	93
8) Acenaphthene	14.35	153	22014	0.392	ng/ul	99
9) Fluorene	15.34	166	27989	0.398	ng/ul	95
11) Pentachlorophenol	16.69	266	284	0.033	ng/ul	93
12) Phenanthrene	17.08	178	292715	2.746	ng/ul	95
13) Anthracene	17.17	178	1055562	11.158	ng/ul	95
15) Fluoranthene	19.10	202	3724011	27.914	ng/ul	97
17) Pyrene	19.46	202	5086329	53.421	ng/ul	97
18) Benzo(a)anthracene	21.21	228	2351137	25.478	ng/ul	96
19) Chrysene	21.26	228	3924153	38.701	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	6795301m	54.499	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	2472026m	18.905	ng/ul	
23) Benzo(a)pyrene	23.33	252	2398195	22.909	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.61	276	2564653	19.655	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.61	278	549354m	5.081	ng/ul	
26) Benzo(g,h,i)perylene	26.27	276	1766027	15.937	ng/ul#	91

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

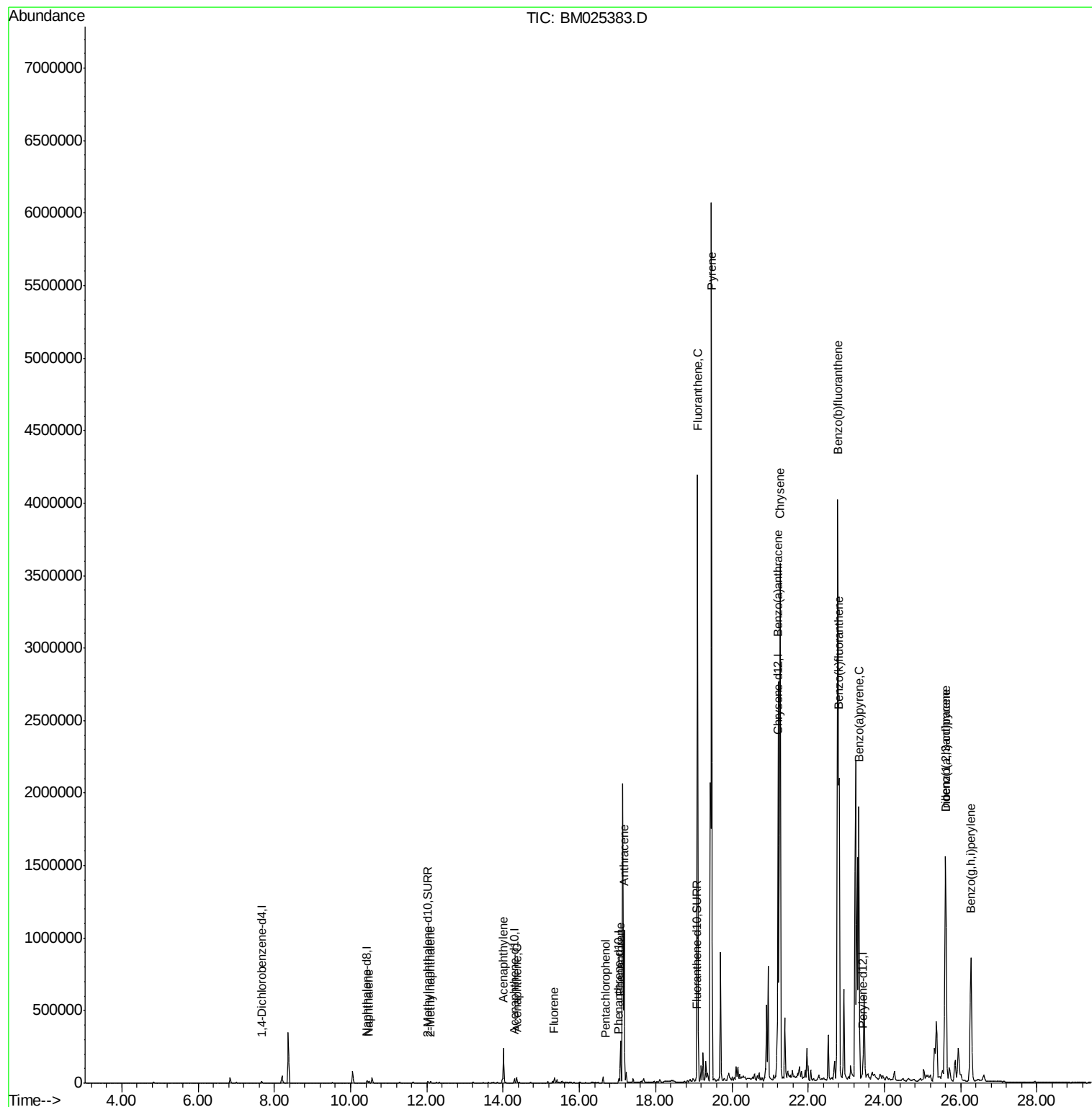
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
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ALS Vial : 69 Sample Multiplier: 1

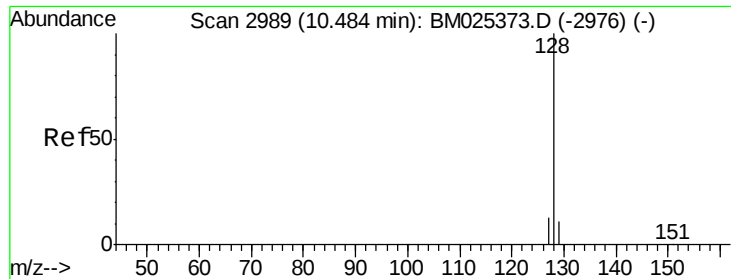
Instrument :
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Quant Time: Mar 09 02:02:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.268 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Instrument :

BNA_M

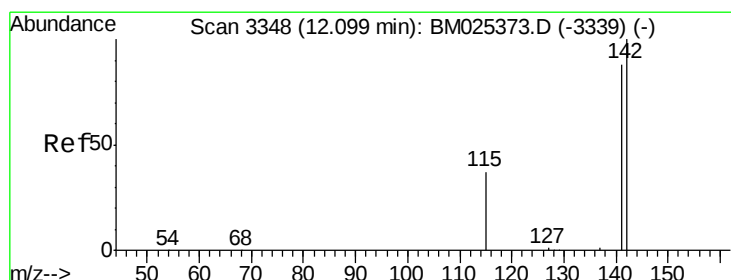
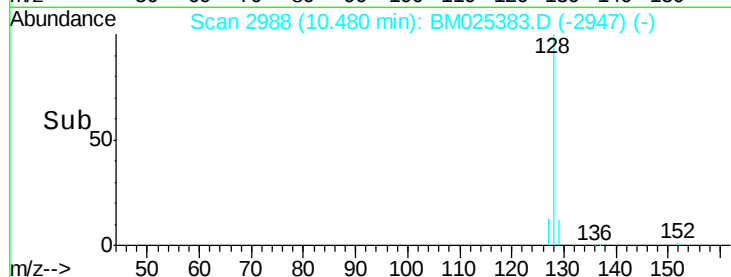
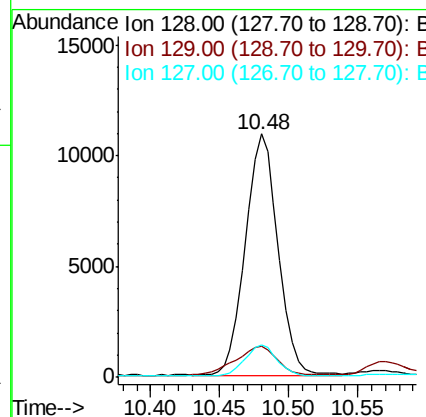
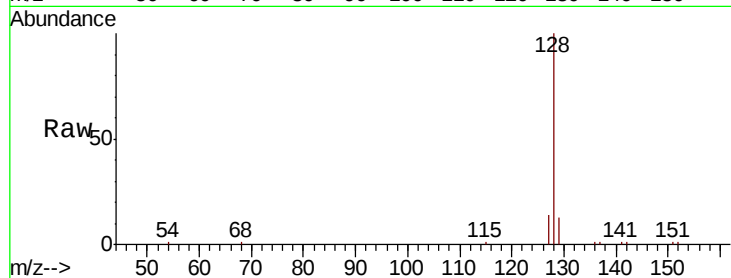
ClientSampled :

DBDQ8

Tot Ion:128	Resp:	17807
Ion Ratio	Lower	Upper
128	100	
129	12.7	17.0 25.6#
127	13.6	15.7 23.5#

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#5

2-Methylnaphthalene

Concen: 0.183 ng/ul

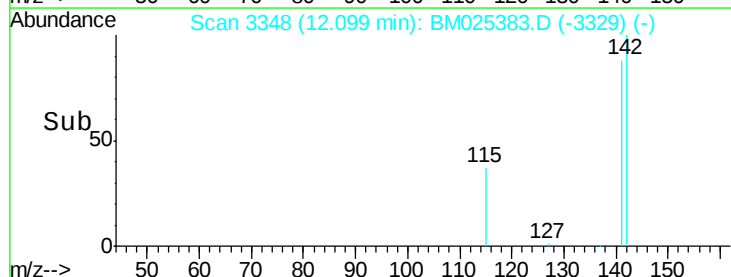
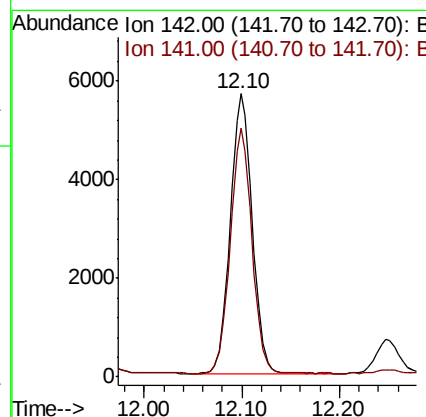
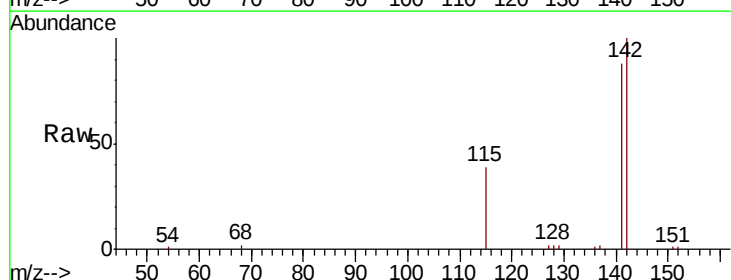
RT: 12.10 min Scan# 3348

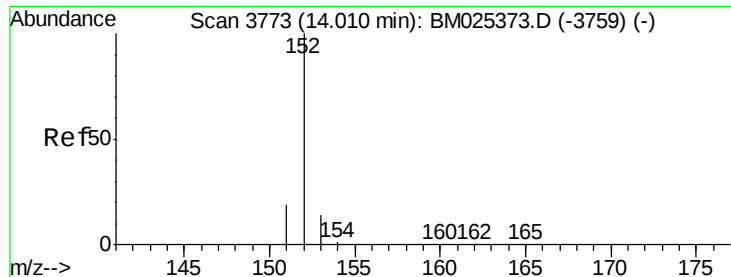
Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Tgt Ion:142	Resp:	8855
Ion Ratio	Lower	Upper
142	100	
141	86.2	69.8 104.8





#7

Acenaphthylene

Concen: 2.799 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Instrument :

BNA_M

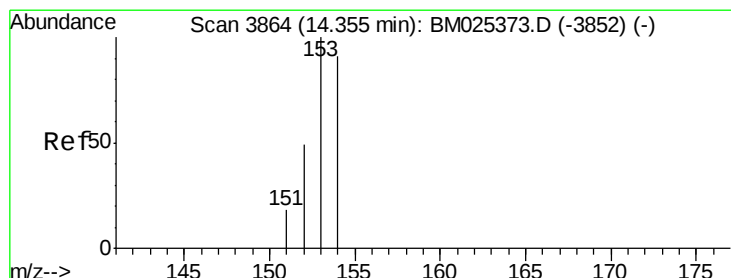
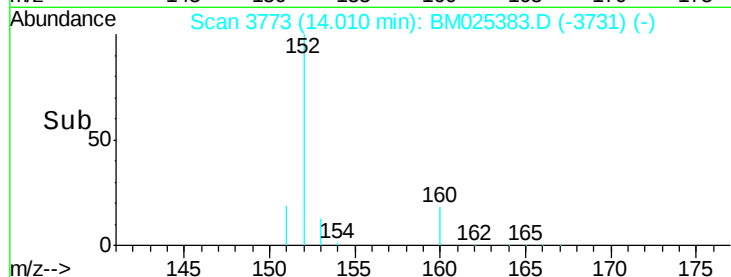
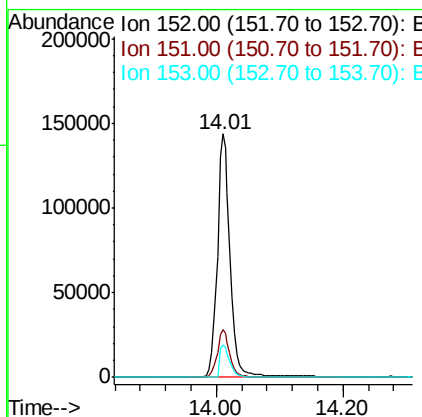
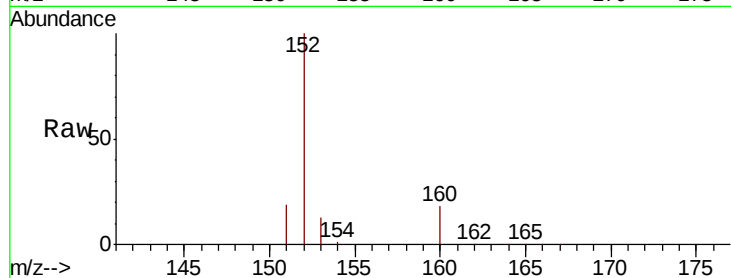
ClientSampleId :

DBDQ8

Tot Ion:	152	Resp:	202492
Ion Ratio	Lower	Upper	
152	100		
151	19.4	17.8	26.8
153	13.2	13.3	19.9#

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#8

Acenaphthene

Concen: 0.392 ng/ul

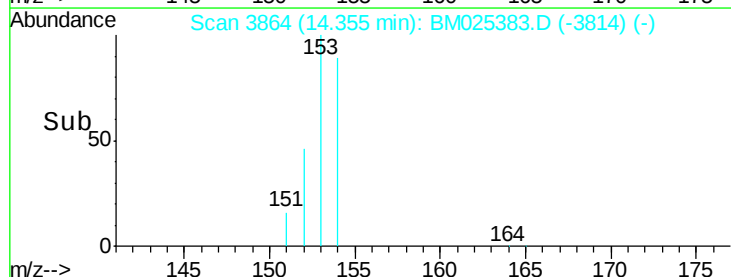
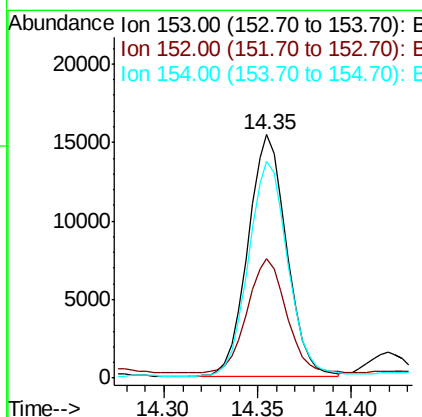
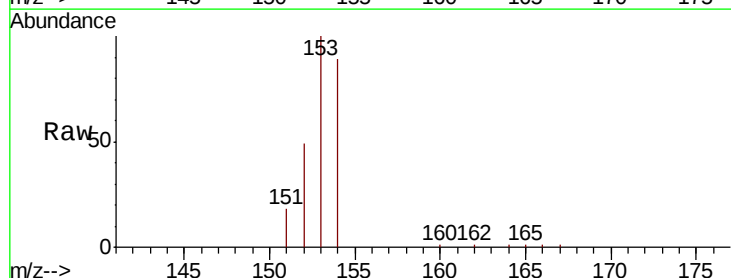
RT: 14.35 min Scan# 3864

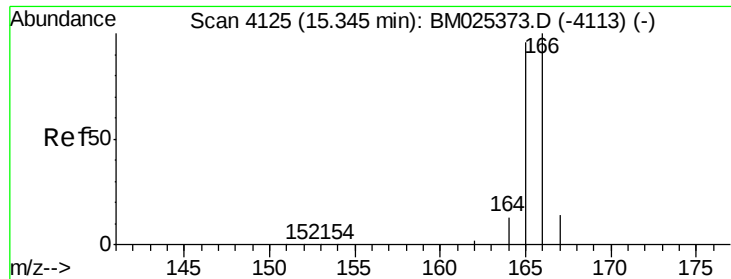
Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Tgt Ion:	153	Resp:	22014
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.0	60.0
154	89.0	71.0	106.6





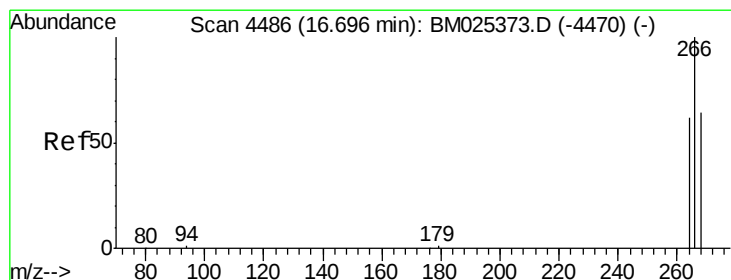
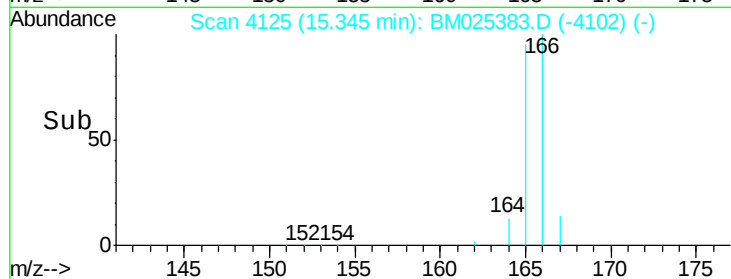
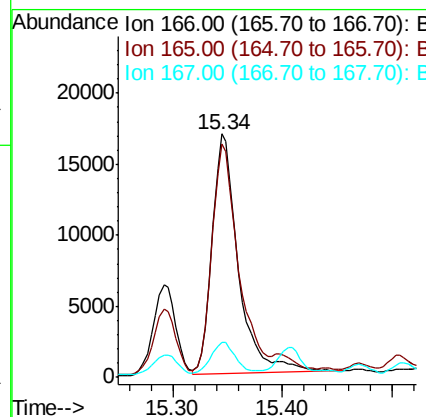
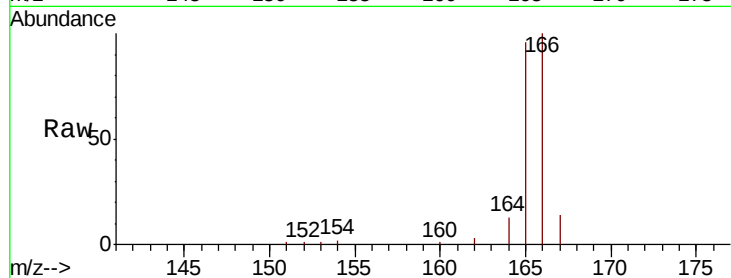
#9
Fluorene
 Concen: 0.398 ng/ul
 RT: 15.34 min Scan# 4125
 Delta R.T. -0.01 min
 Lab File: BM025383.D
 Acq: 08 Mar 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ8

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.6	80.0	120.0
167	14.4	13.7	20.5

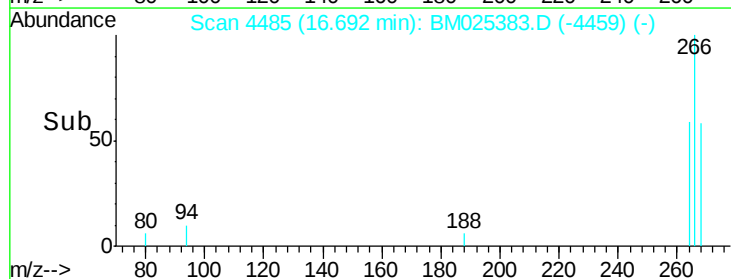
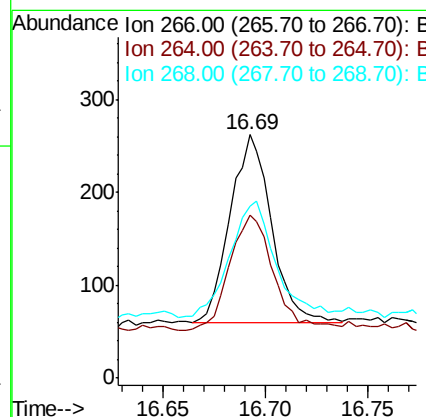
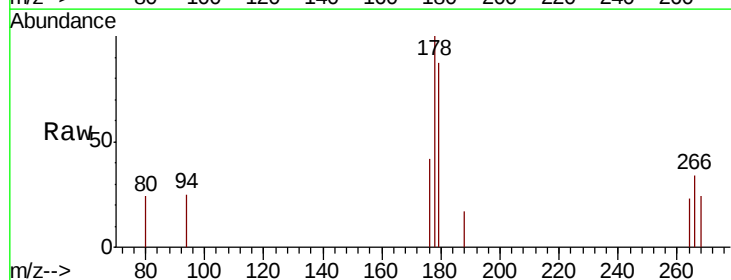
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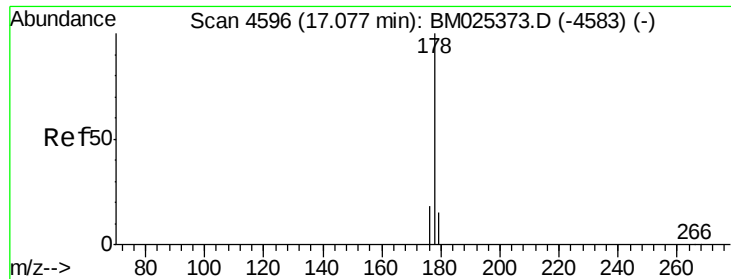
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#11
Pentachlorophenol
 Concen: 0.033 ng/ul
 RT: 16.69 min Scan# 4485
 Delta R.T. -0.01 min
 Lab File: BM025383.D
 Acq: 08 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.8	74.6
268	69.0	49.0	73.4





#12

Phenanthrene

Concen: 2.746 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Instrument :

BNA_M

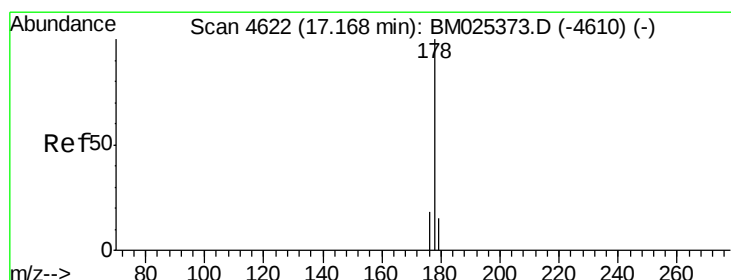
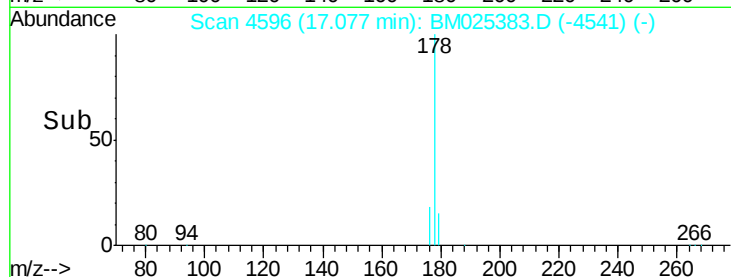
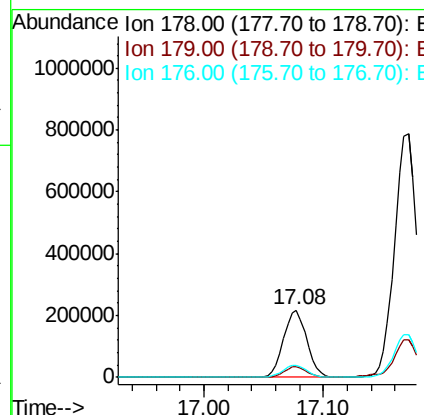
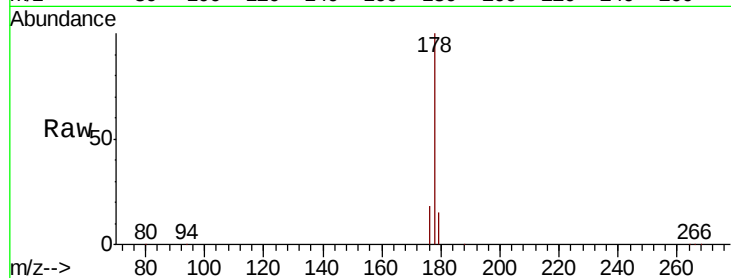
ClientSampleId :

DBDQ8

Tot Ion:178	Resp:	292715
Ion Ratio	Lower	Upper
178	100	
179	15.5	14.0 21.0
176	18.1	16.6 24.8

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#13

Anthracene

Concen: 11.158 ng/ul

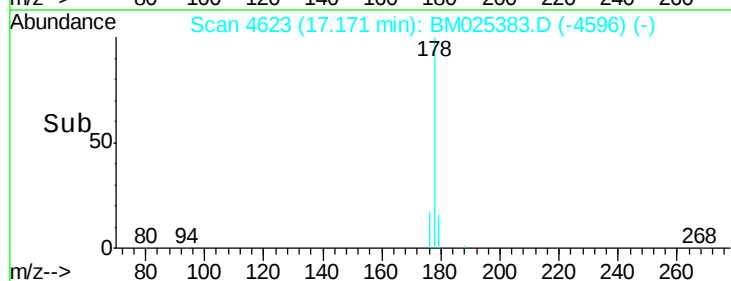
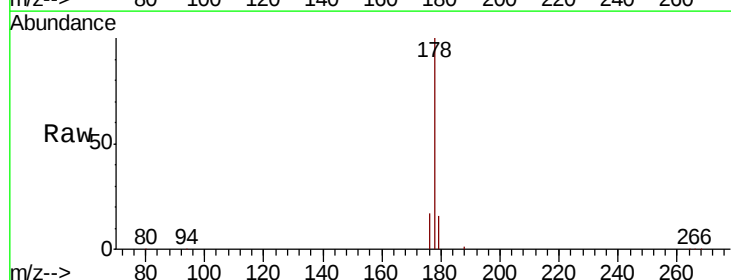
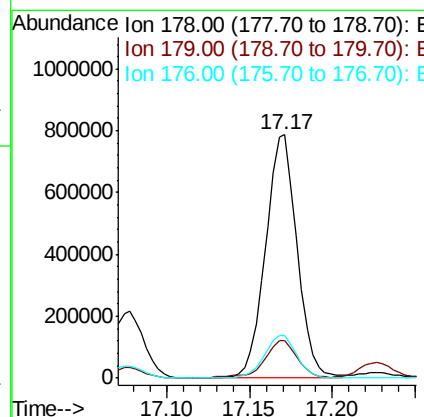
RT: 17.17 min Scan# 4623

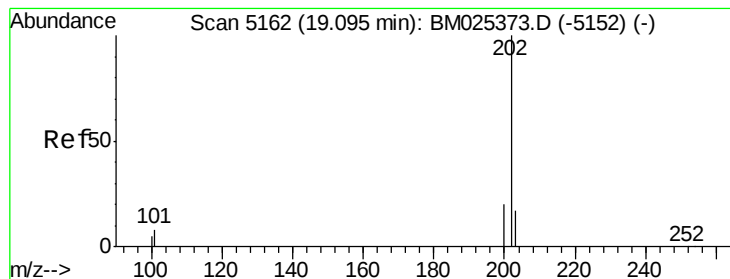
Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Tgt Ion:178	Resp:	1055562
Ion Ratio	Lower	Upper
178	100	
179	15.6	14.1 21.1
176	17.4	16.2 24.4





#15

Fluoranthene

Concen: 27.914 ng/ul

RT: 19.10 min Scan# 5163

Delta R.T. -0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Instrument :

BNA_M

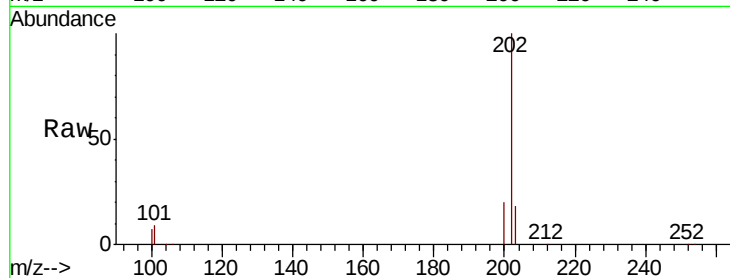
ClientSampleId :

DBDQ8

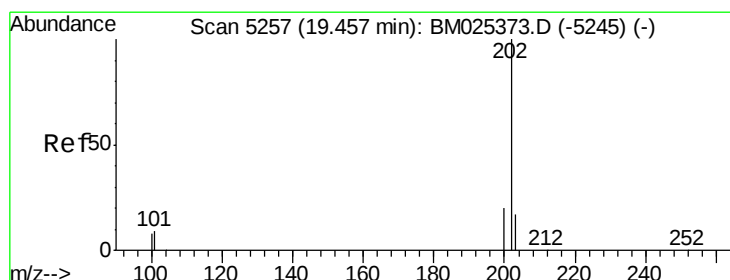
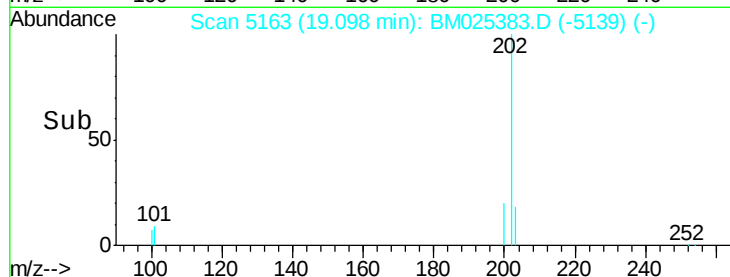
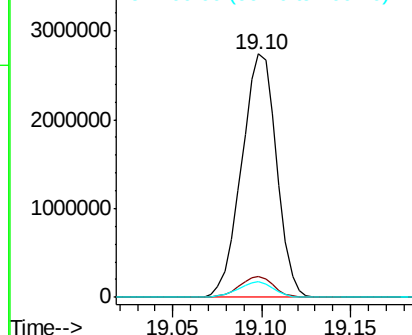
Tot Ion:	202	Resp:	3724011
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.4
100	6.6	0.0	28.0

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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



#17

Pyrene

Concen: 53.421 ng/ul

RT: 19.46 min Scan# 5259

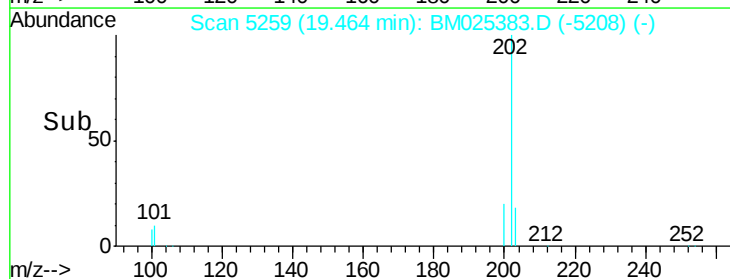
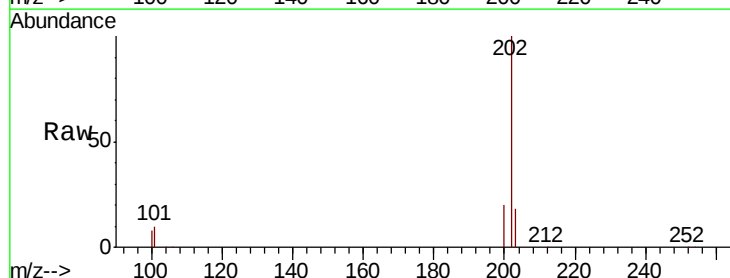
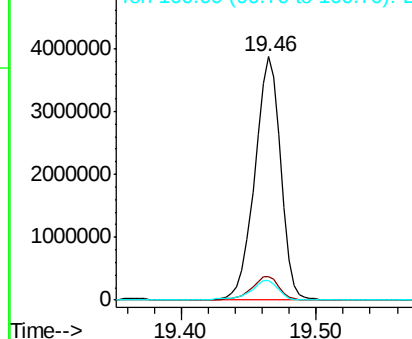
Delta R.T. -0.00 min

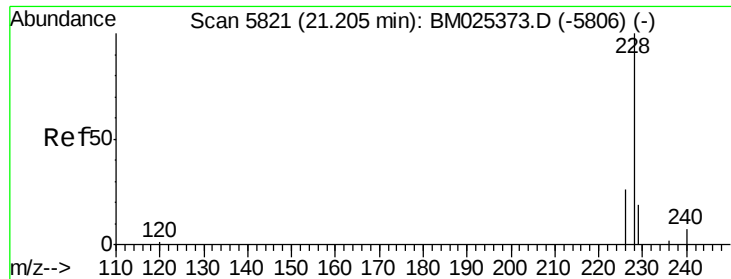
Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Tgt Ion:	202	Resp:	5086329
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.7	13.1
100	8.1	7.3	10.9

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





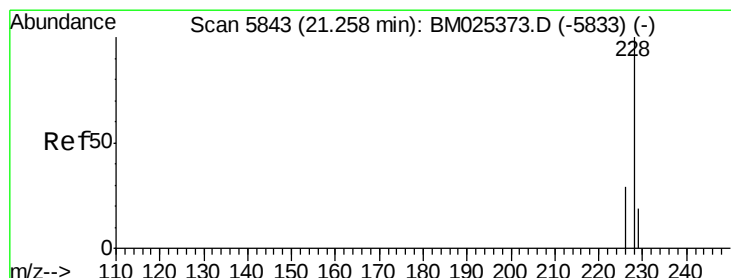
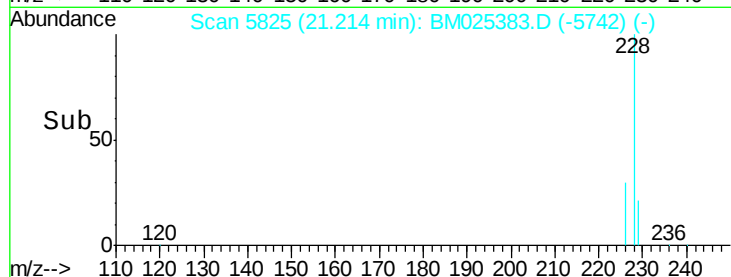
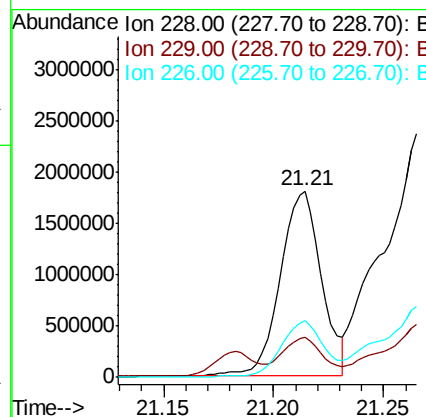
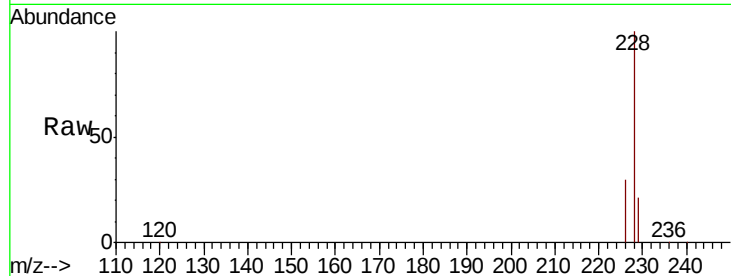
#18
Benzo(a)anthracene
Concen: 25.478 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.00 min
Lab File: BM025383.D
Acq: 08 Mar 2020 13:12

Instrument :
BNA_M
ClientSampleId :
DBDQ8

Tot Ion:228 Resp: 2351137
Ion Ratio Lower Upper
228 100
229 21.3 16.6 25.0
226 30.3 21.9 32.9

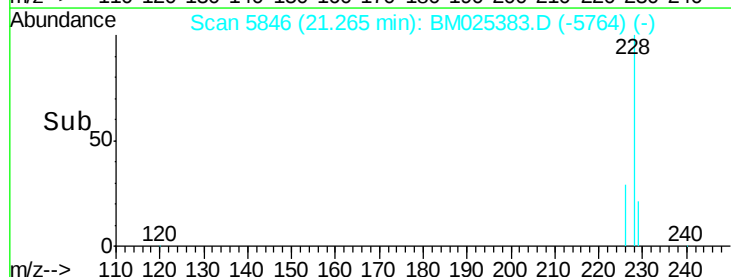
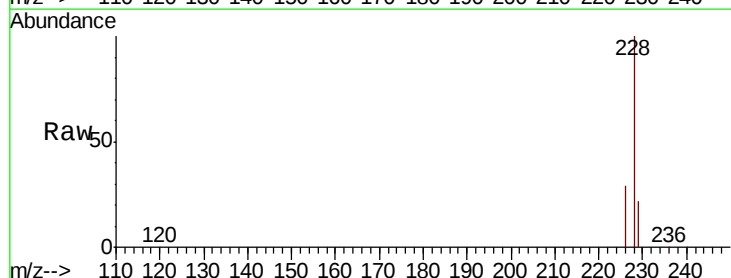
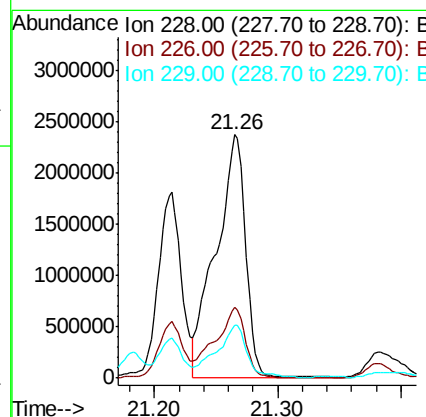
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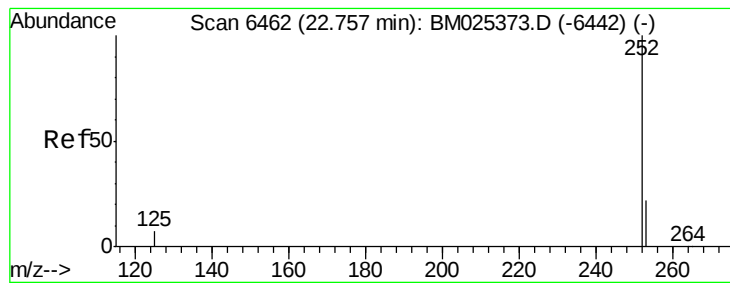
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#19
Chrysene
Concen: 38.701 ng/ul
RT: 21.26 min Scan# 5846
Delta R.T. -0.00 min
Lab File: BM025383.D
Acq: 08 Mar 2020 13:12

Tgt Ion:228 Resp: 3924153
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.8
229 21.7 16.9 25.3





#21

Benzo(b)fluoranthene

Concen: 54.499 ng/ul m

RT: 22.78 min Scan# 6471

Delta R.T. 0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Instrument :

BNA_M

ClientSampleId :

DBDQ8

Tot Ion:252 Resp: 6795301

Ion Ratio Lower Upper

252 100

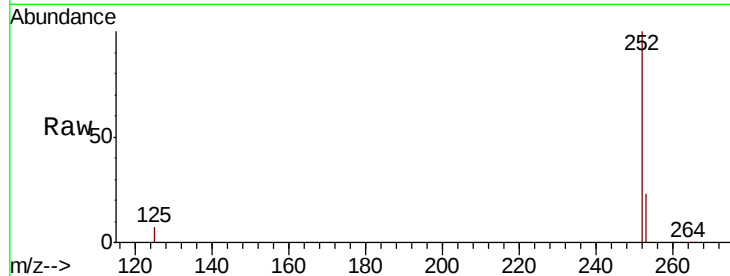
253 23.2 0.0 49.8

125 7.3 0.0 28.6

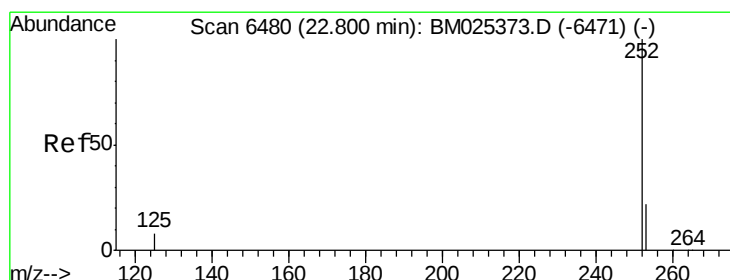
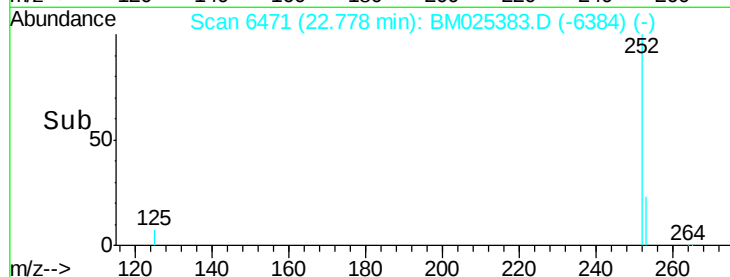
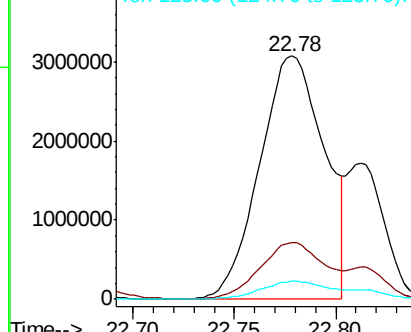
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 18.905 ng/ul m

RT: 22.81 min Scan# 6485

Delta R.T. -0.00 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

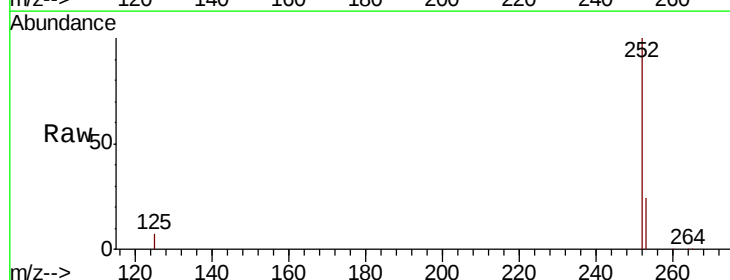
Tgt Ion:252 Resp: 2472026

Ion Ratio Lower Upper

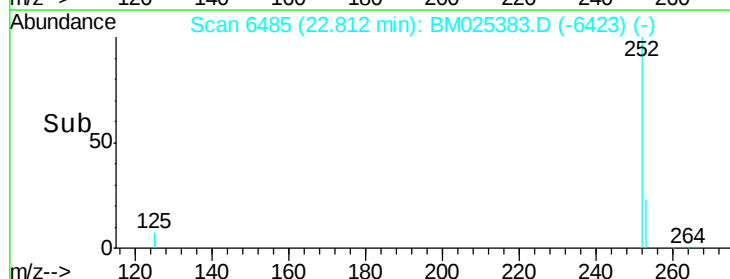
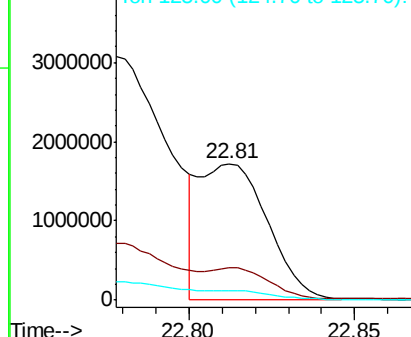
252 100

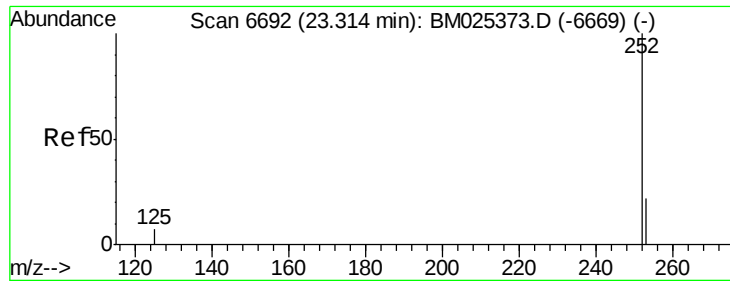
253 23.6 19.4 29.0

125 7.2 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 22.909 ng/u1

RT: 23.33 min Scan# 6699

Delta R.T. 0.01 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

Instrument :

BNA_M

ClientSampleId :

DBDQ8

Tot Ion:252 Resp: 2398195

Ion Ratio Lower Upper

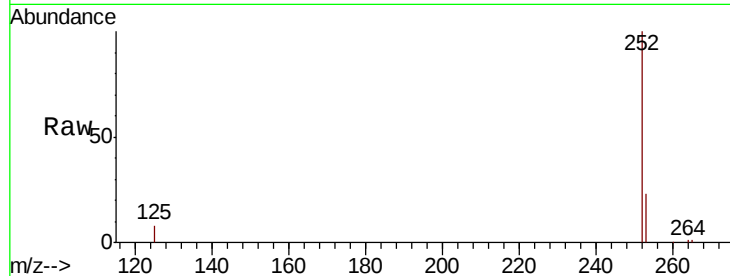
252 100

253 23.5 20.3 30.5

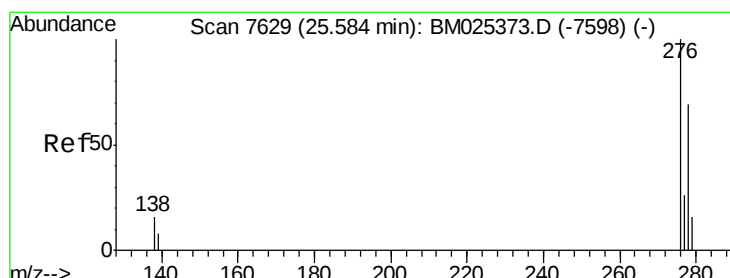
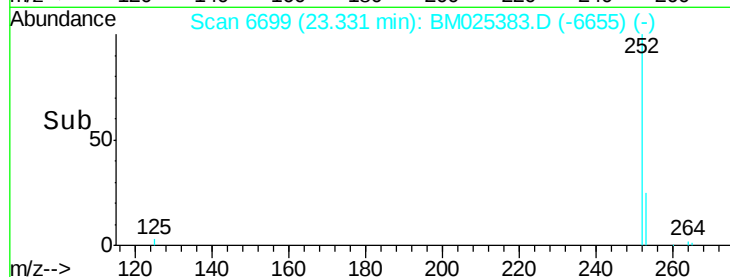
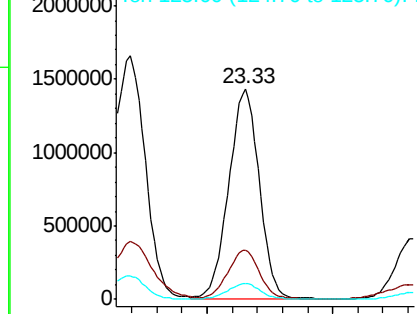
125 7.6 13.0 19.4#

Manual Integrations
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mohammad
3/9/2020 3:03:23 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 19.655 ng/u1

RT: 25.61 min Scan# 7638

Delta R.T. 0.00 min

Lab File: BM025383.D

Acq: 08 Mar 2020 13:12

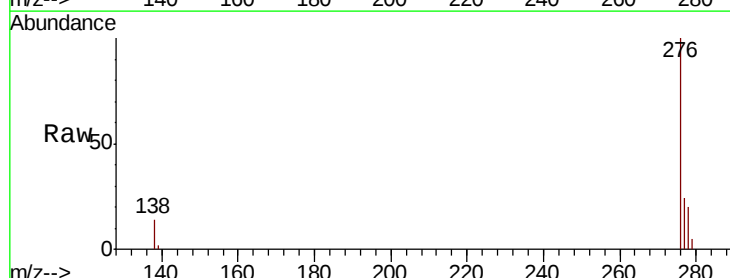
Tgt Ion:276 Resp: 2564653

Ion Ratio Lower Upper

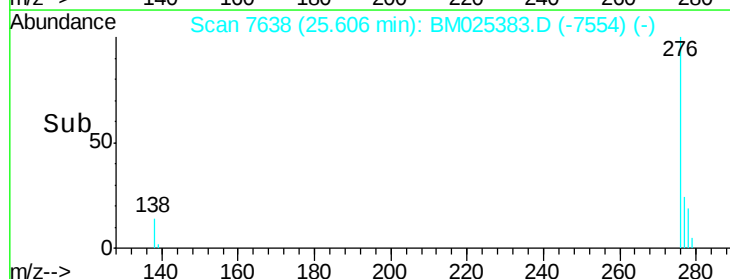
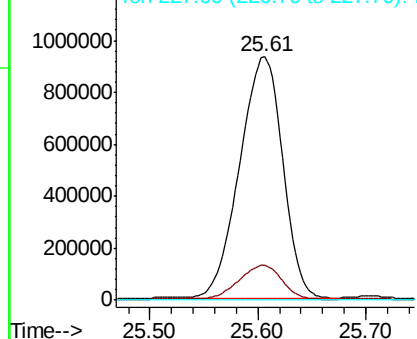
276 100

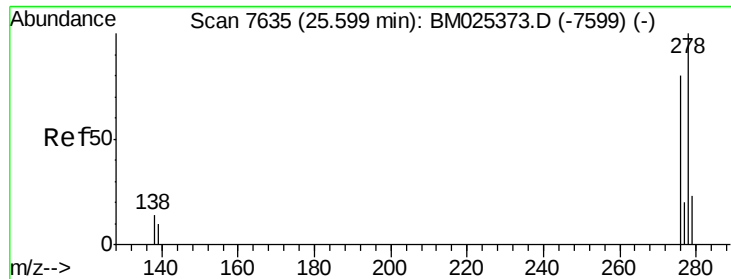
138 14.4 0.0 0.0#

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





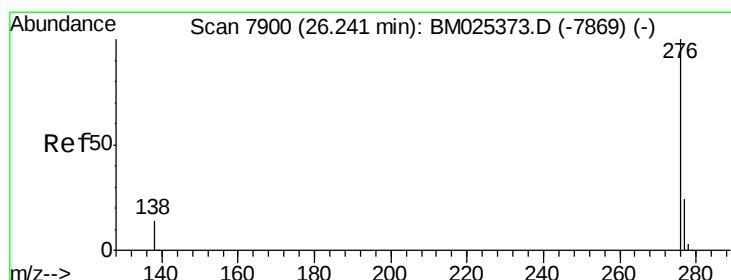
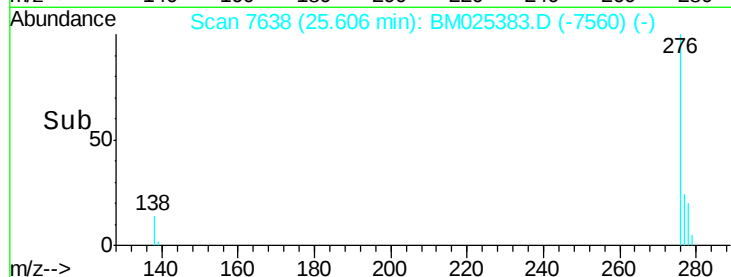
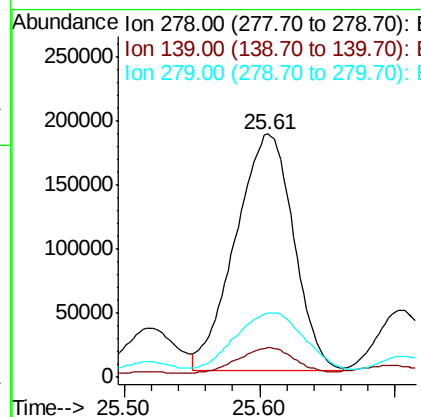
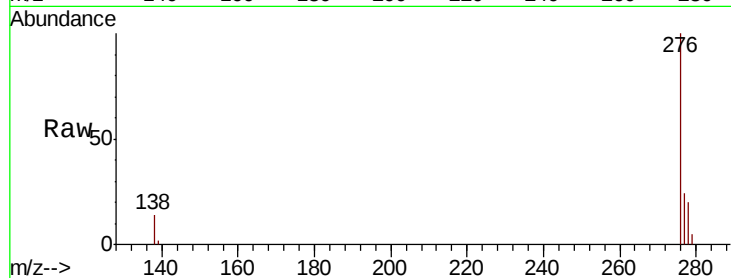
#25
Dibenzo(a,h)anthracene
Concen: 5.081 ng/ul m
RT: 25.61 min Scan# 7638
Delta R.T. -0.01 min
Lab File: BM025383.D
Acq: 08 Mar 2020 13:12

Instrument :
BNA_M
ClientSampleId :
DBDQ8

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	13.2	19.8#
279	26.5	21.0	31.4

Manual Integrations
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mohammad
3/9/2020 3:03:23 PM



#26
Benzo(g,h,i)perylene
Concen: 15.937 ng/ul
RT: 26.27 min Scan# 7911
Delta R.T. 0.00 min
Lab File: BM025383.D
Acq: 08 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	17.9	26.9#
277	23.9	20.5	30.7

