

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025369.D
 Acq On : 08 Mar 2020 04:14
 Operator : CG/JU
 Sample : L1615-17
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDP1

Manual Integrations
 APPROVED

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Quant Time: Mar 08 04:47:55 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 : Sat Mar 07 23:59:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3902	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17380	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12200	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	28564	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	26903	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	23329	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1619	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	5377	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2682	0.051	ng/ul#	90
5) 2-Methylnaphthalene	12.11	142	1390	0.036	ng/ul	99
7) Acenaphthylene	14.01	152	27515	0.482	ng/ul	94
8) Acenaphthene	14.36	153	1727	0.039	ng/ul	98
9) Fluorene	15.35	166	7767	0.140	ng/ul	96
12) Phenanthrene	17.08	178	23999	0.261	ng/ul	96
13) Anthracene	17.17	178	664673	8.131	ng/ul	95
15) Fluoranthene	19.10	202	105040	0.911	ng/ul	96
17) Pyrene	19.46	202	158454	1.553	ng/ul	96
18) Benzo(a)anthracene	21.21	228	117980	1.193	ng/ul	97
19) Chrysene	21.24	228	199151	1.833	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	513094m	5.497	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	151889m	1.552	ng/ul	
23) Benzo(a)pyrene	23.31	252	208576	2.662	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.58	276	126316	1.293	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	35058	0.433	ng/ul	95
26) Benzo(a,h,i)perylene	26.25	276	69156	0.834	ng/ul#	92

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

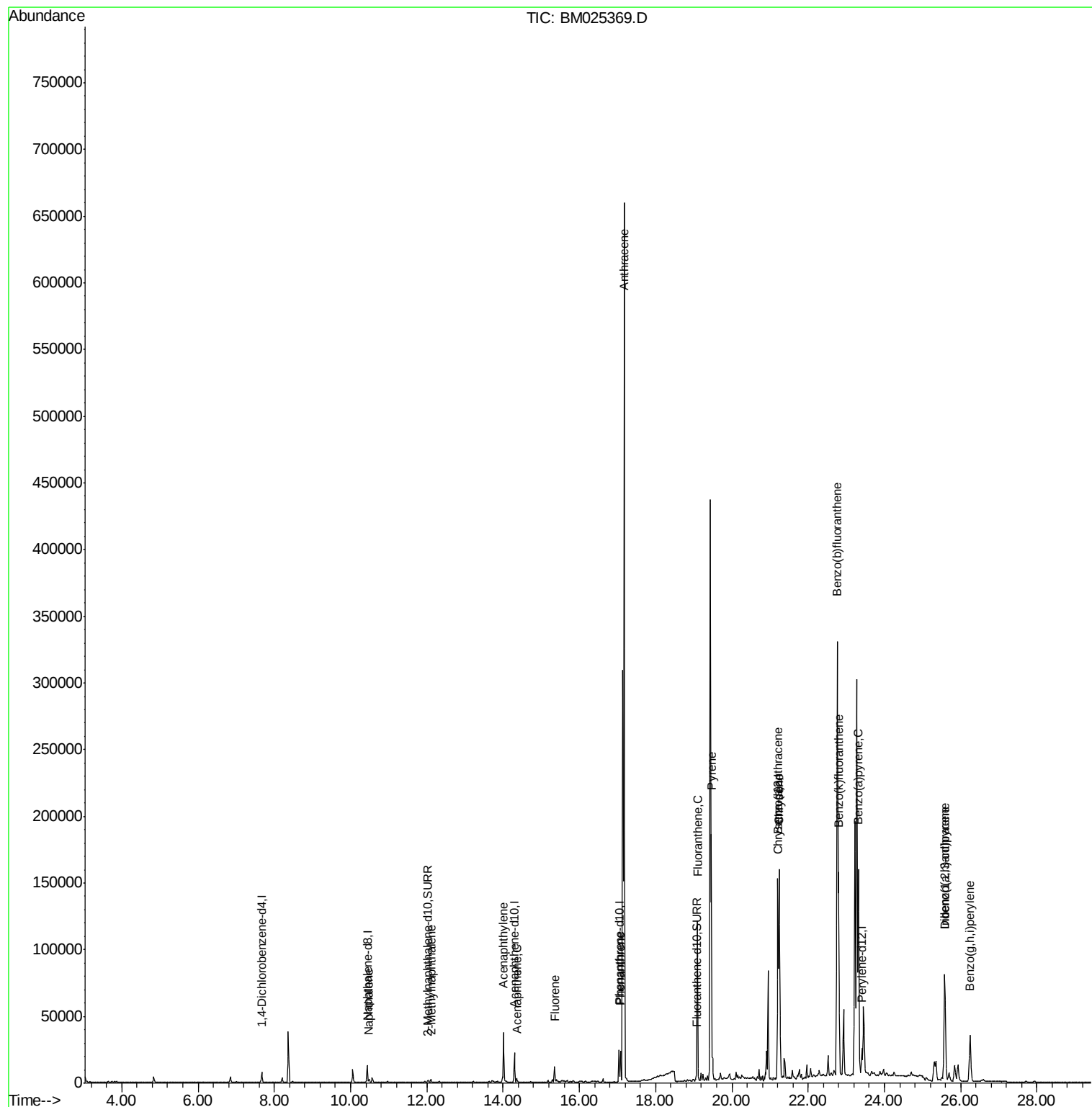
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025369.D
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ALS Vial : 55 Sample Multiplier: 1

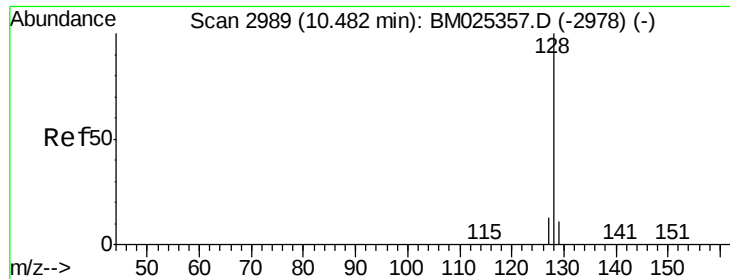
Instrument :
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Quant Time: Mar 08 04:47:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Sat Mar 07 23:59:42 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Instrument :

BNA_M

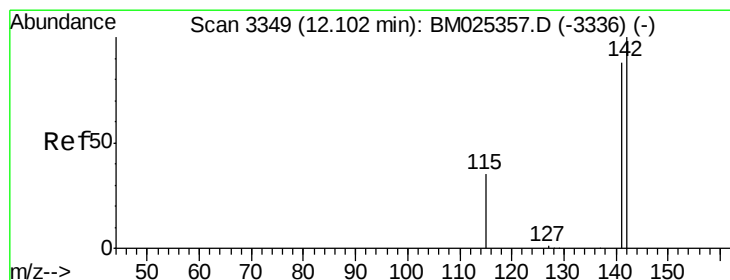
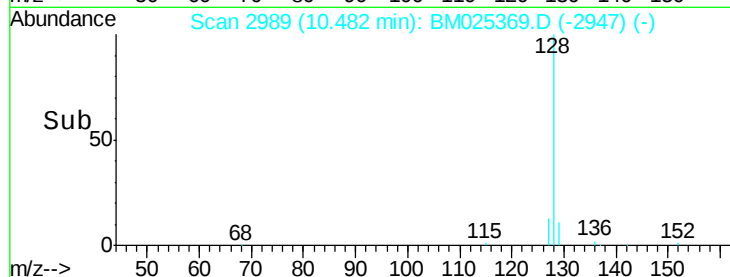
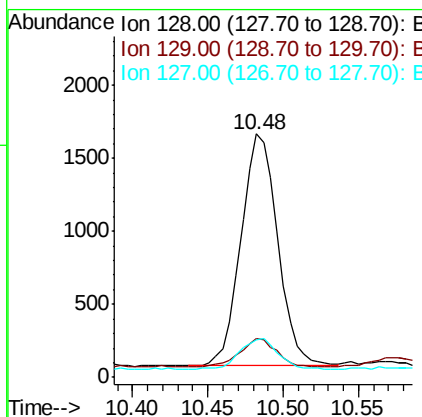
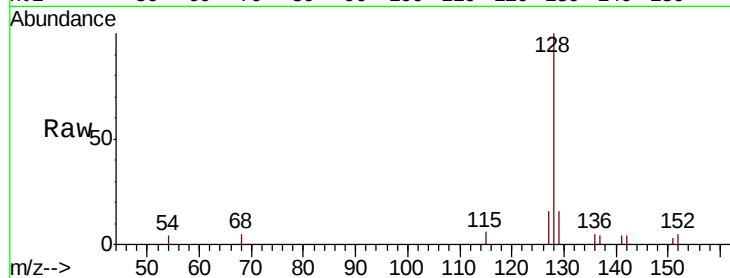
ClientSampleId :

DBDP1

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

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

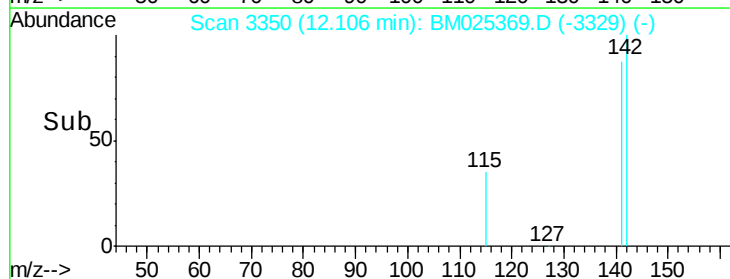
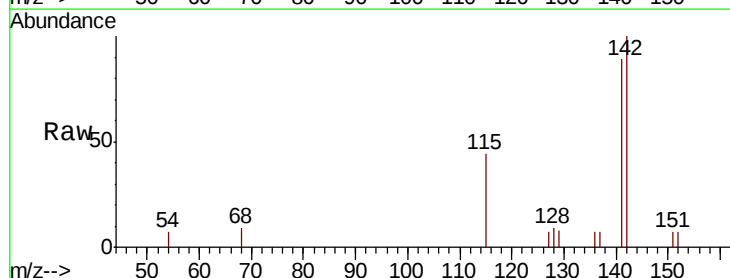
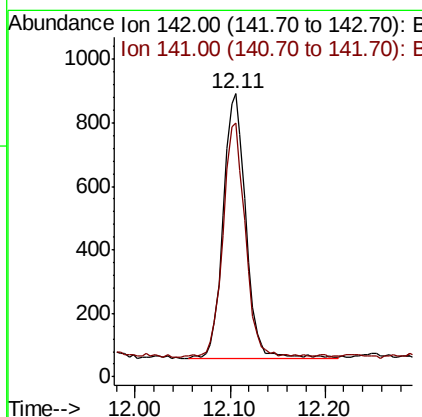
RT: 12.11 min Scan# 3350

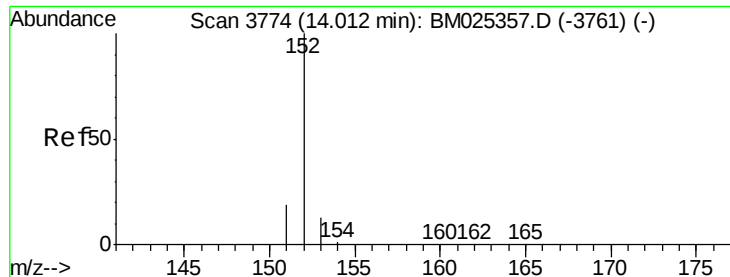
Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.8





#7

Acenaphthylene

Concen: 0.482 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Instrument :

BNA_M

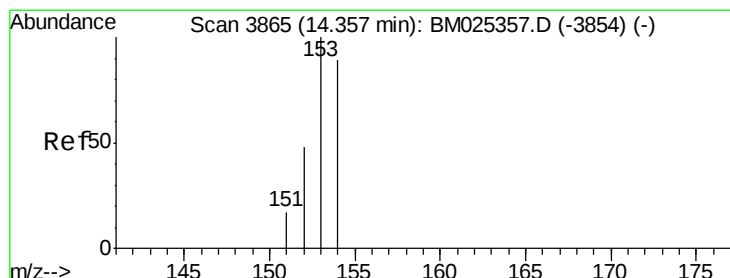
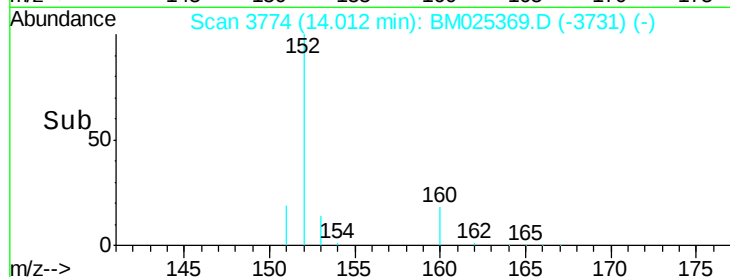
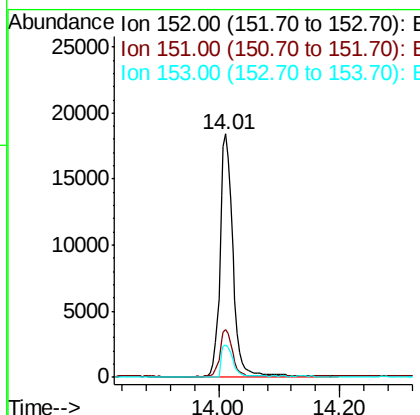
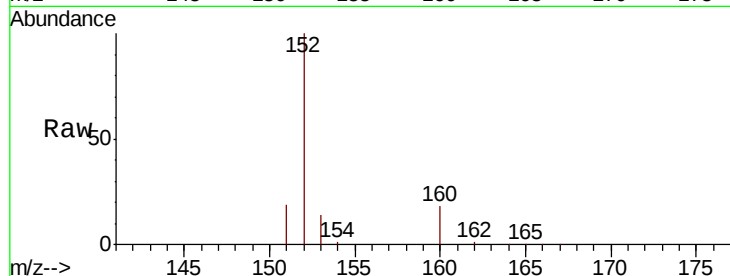
ClientSampleId :

DBDP1

Tot Ion:	152	Resp:	27515
Ion Ratio	Lower	Upper	
152	100		
151	19.4	17.8	26.8
153	13.6	13.3	19.9

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#8

Acenaphthene

Concen: 0.039 ng/ul

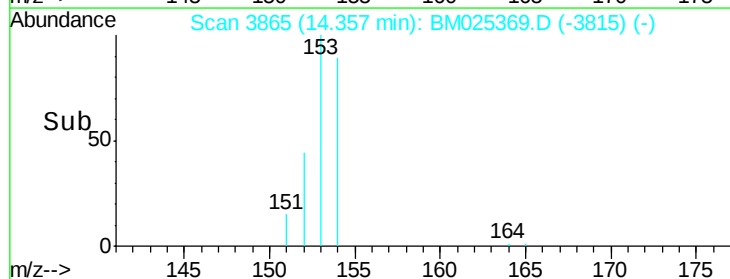
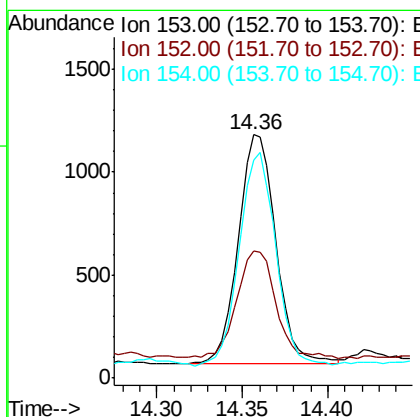
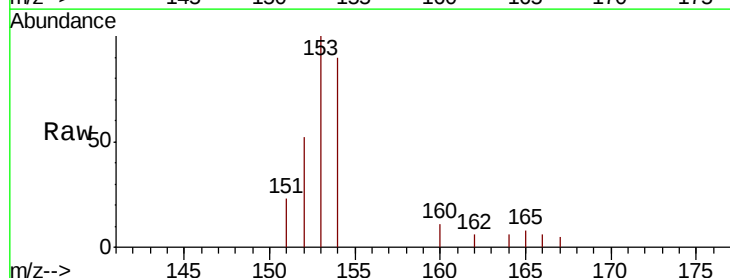
RT: 14.36 min Scan# 3865

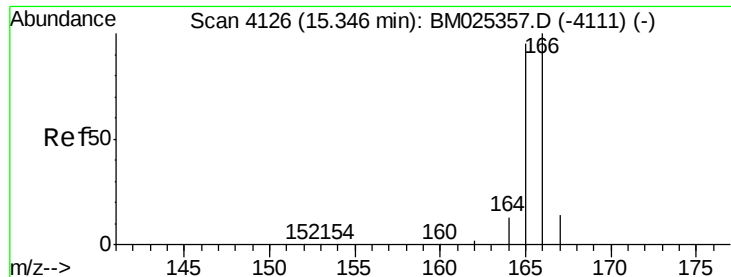
Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Tgt Ion:	153	Resp:	1727
Ion Ratio	Lower	Upper	
153	100		
152	52.1	40.0	60.0
154	89.7	71.0	106.6





#9

Fluorene

Concen: 0.140 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Instrument :

BNA_M

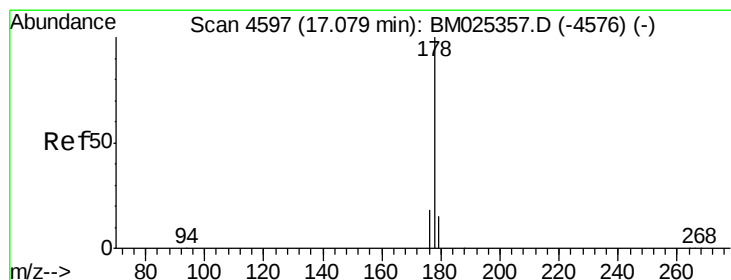
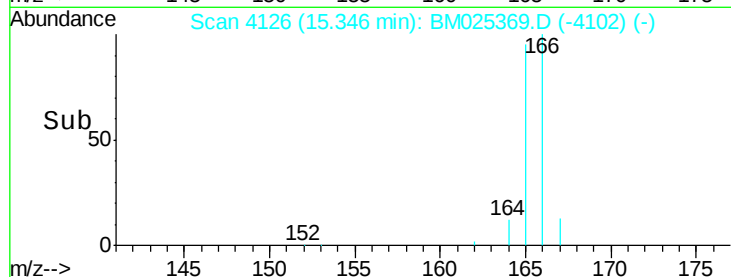
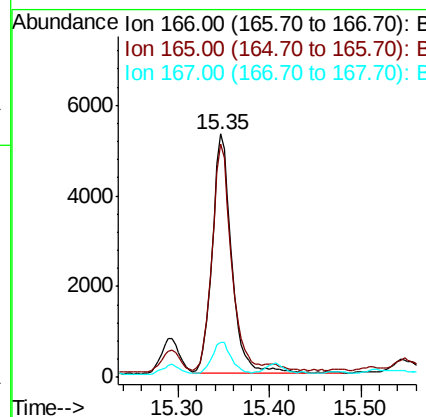
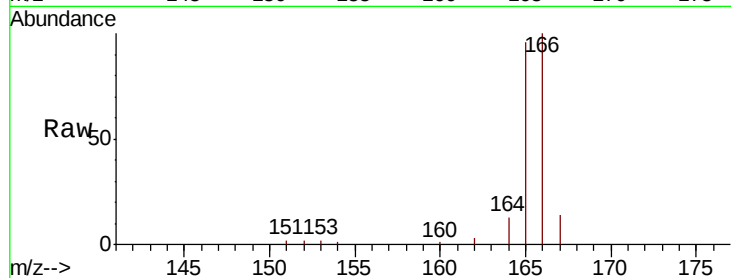
ClientSampleId :

DBDP1

Tot Ion:	166	Resp:	7767
Ion	Ratio	Lower	Upper
166	100		
165	95.9	80.0	120.0
167	14.5	13.7	20.5

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#12

Phenanthrene

Concen: 0.261 ng/ul

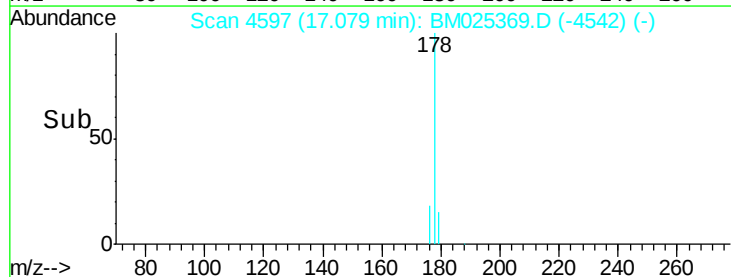
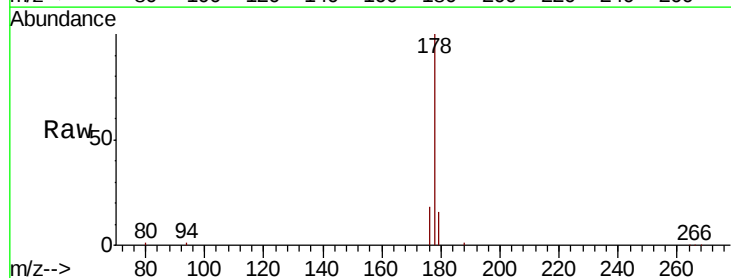
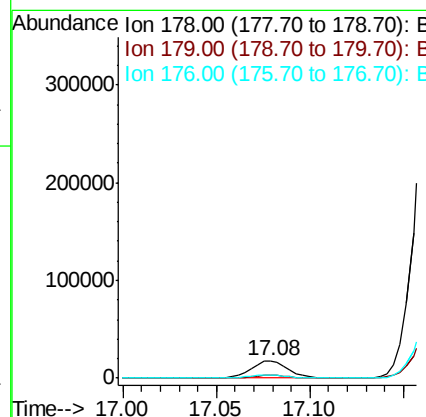
RT: 17.08 min Scan# 4597

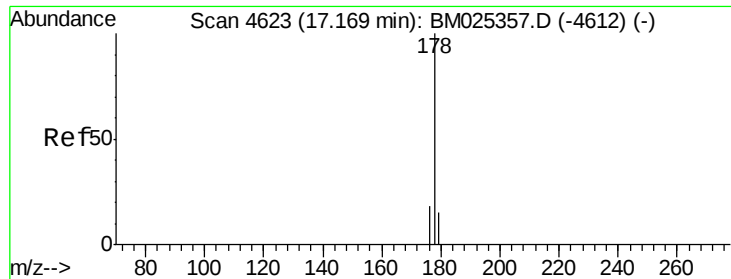
Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Tgt Ion:	178	Resp:	23999
Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.0	21.0
176	18.4	16.6	24.8





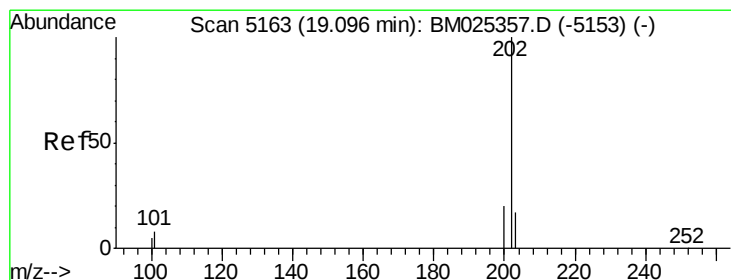
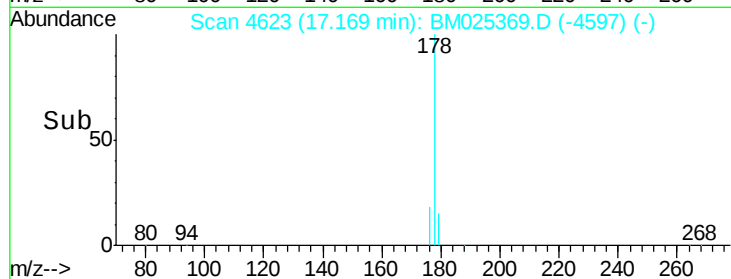
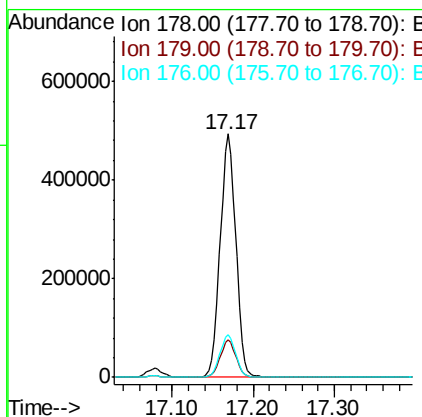
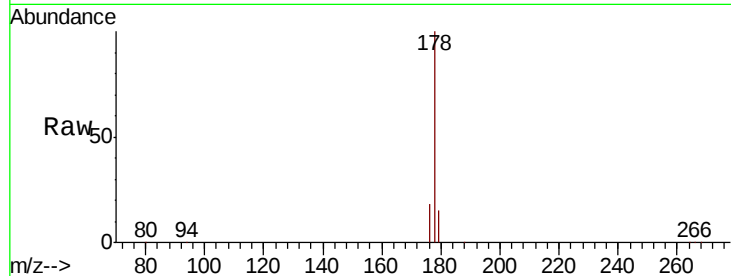
#13
 Anthracene
 Concen: 8.131 ng/ul
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: BM025369.D
 Acq: 08 Mar 2020 04:14

Instrument :
 BNA_M
 ClientSampleId :
 DBDP1

Tot Ion:178 Resp: 664673
 Ion Ratio Lower Upper
 178 100
 179 15.4 14.1 21.1
 176 17.6 16.2 24.4

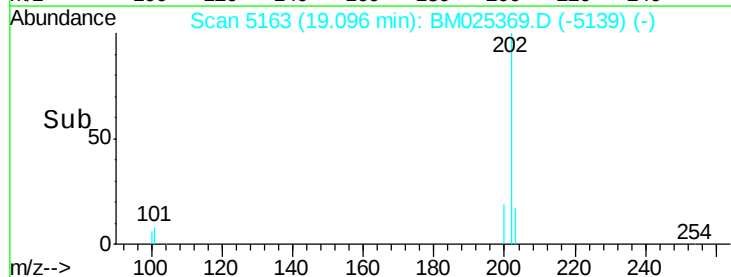
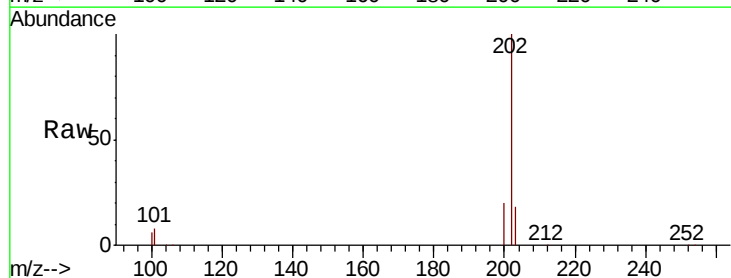
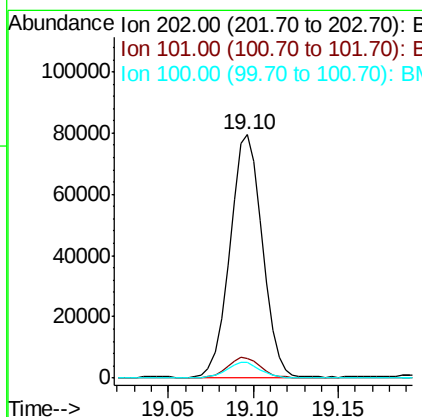
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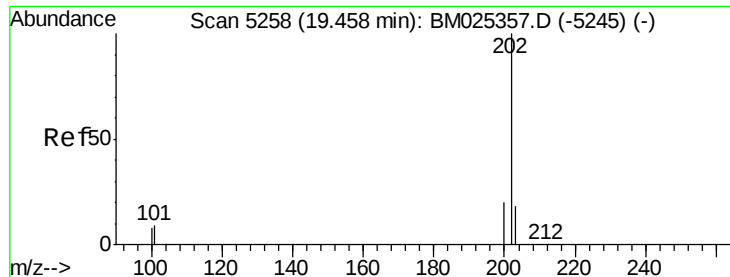
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#15
 Fluoranthene
 Concen: 0.911 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM025369.D
 Acq: 08 Mar 2020 04:14

Tgt Ion:202 Resp: 105040
 Ion Ratio Lower Upper
 202 100
 101 8.2 0.0 29.4
 100 6.3 0.0 28.0





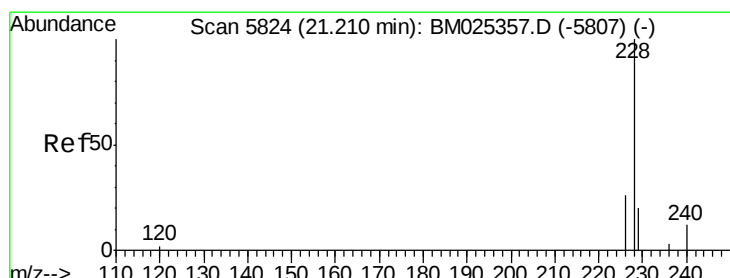
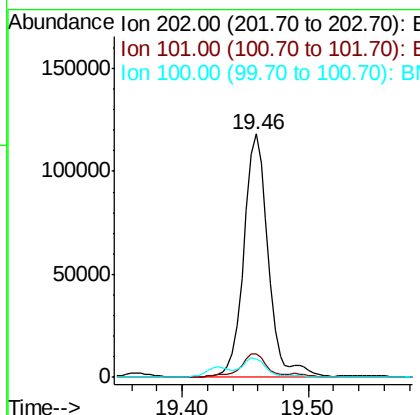
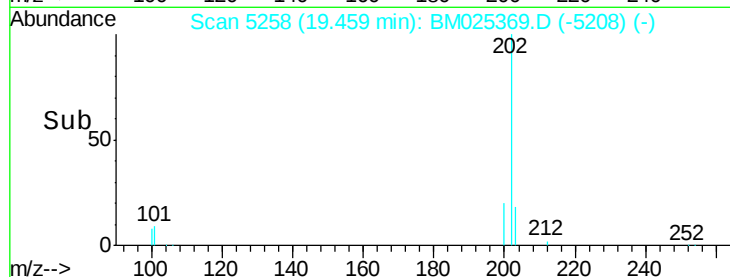
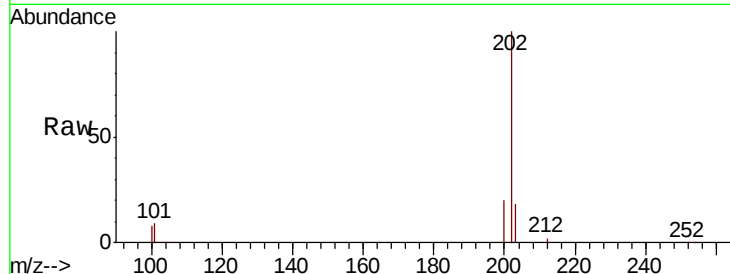
#17
Pvrene
Concen: 1.553 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM025369.D
Acq: 08 Mar 2020 04:14

Instrument :
BNA_M
ClientSampleId :
DBDP1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	8.7	13.1
100	7.6	7.3	10.9

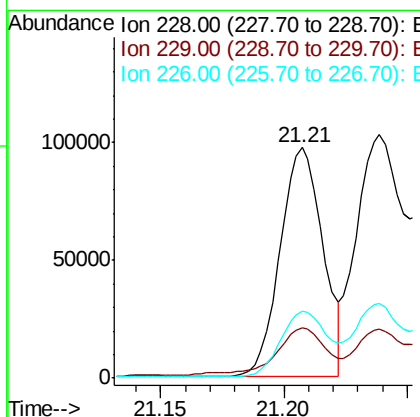
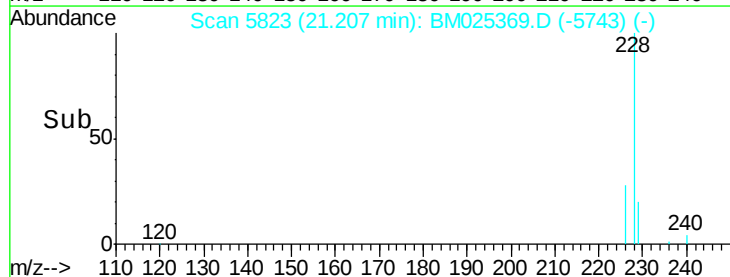
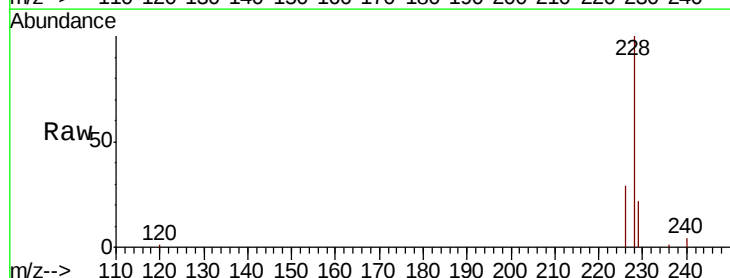
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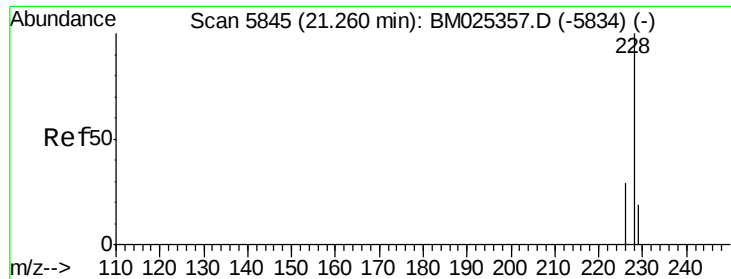
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#18
Benzo(a)anthracene
Concen: 1.193 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.01 min
Lab File: BM025369.D
Acq: 08 Mar 2020 04:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.8	16.6	25.0
226	29.1	21.9	32.9





#19

Chrysene

Concen: 1.833 ng/ul

RT: 21.24 min Scan# 5836

Delta R.T. -0.03 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Instrument :

BNA_M

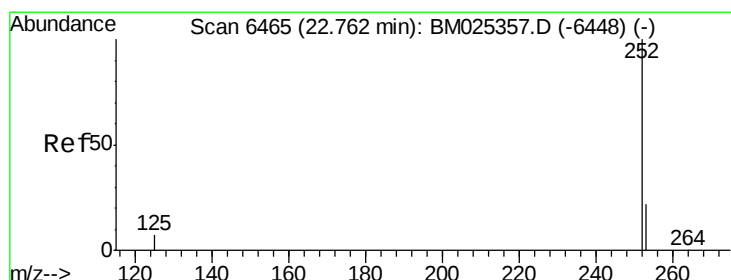
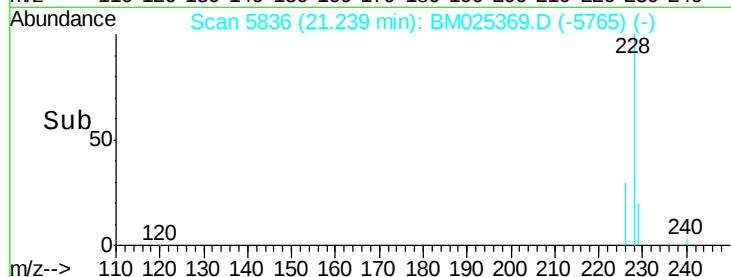
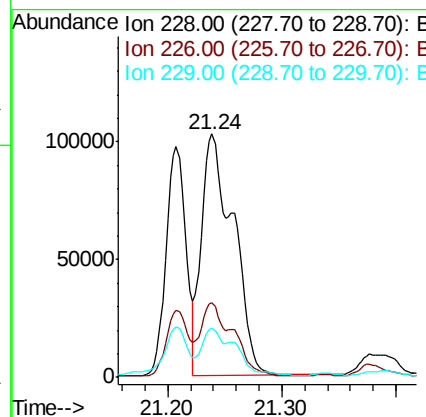
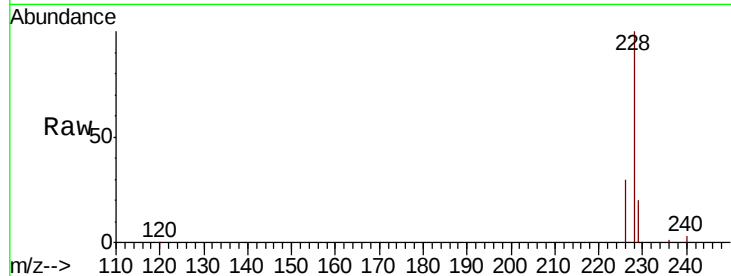
ClientSampleId :

DBDP1

Tot Ion:	228	Resp:	199151
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.8	35.8
229	20.1	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 5.497 ng/ul m

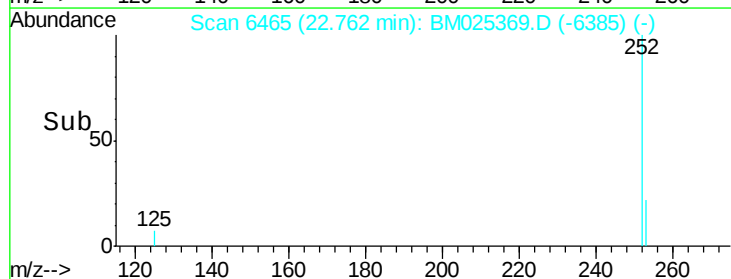
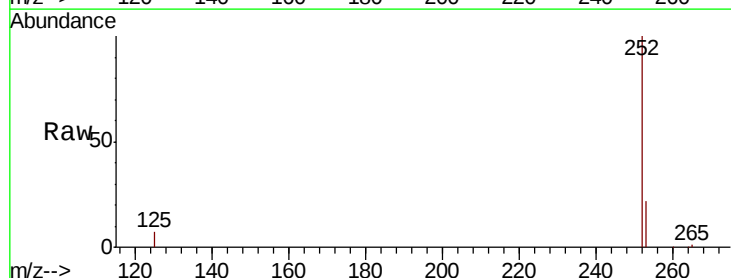
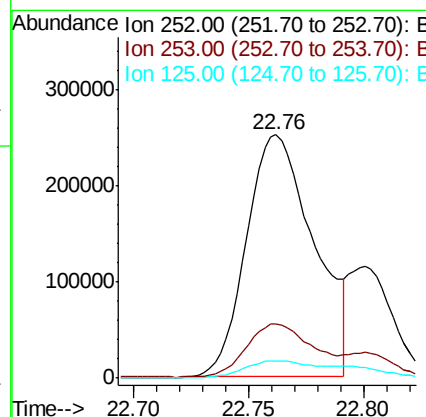
RT: 22.76 min Scan# 6465

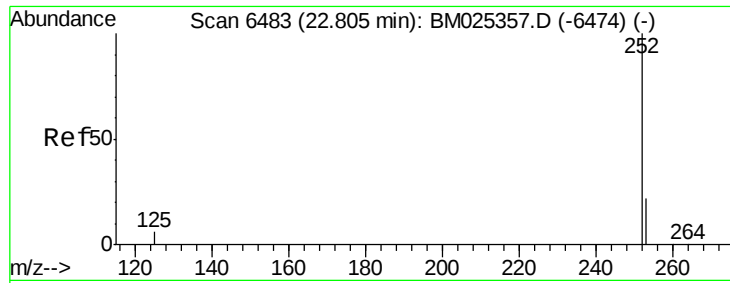
Delta R.T. -0.01 min

Lab File: BM025369.D

Acq: 08 Mar 2020 04:14

Tgt Ion:	252	Resp:	513094
Ion Ratio	Lower	Upper	
252	100		
253	22.3	0.0	49.8
125	7.2	0.0	28.6





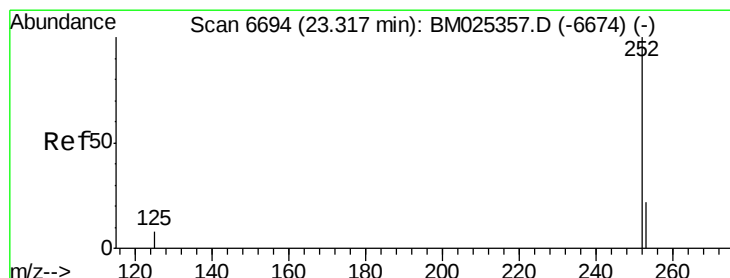
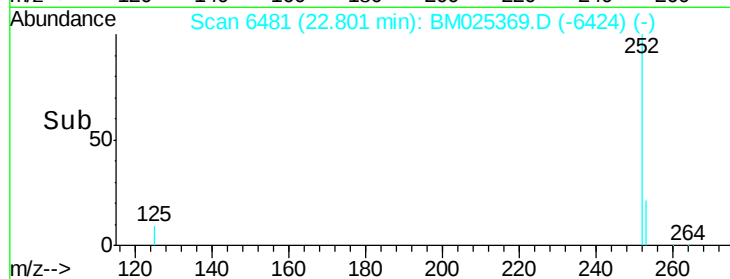
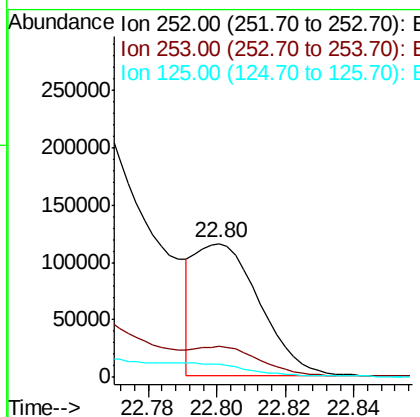
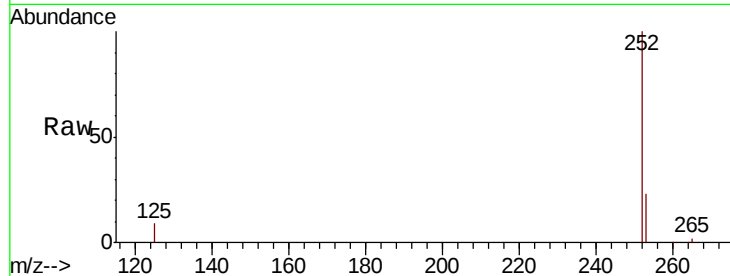
#22
Benzo(k)fluoranthene
Concen: 1.552 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM025369.D
Acq: 08 Mar 2020 04:14

Instrument :
BNA_M
ClientSampleId :
DBDP1

Tot Ion	Ratio	Resp	Lower	Upper
252	100	151889		
253	22.9	19.4	29.0	
125	9.5	10.7	16.1	#

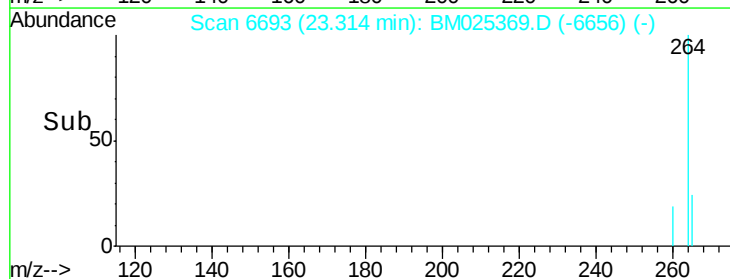
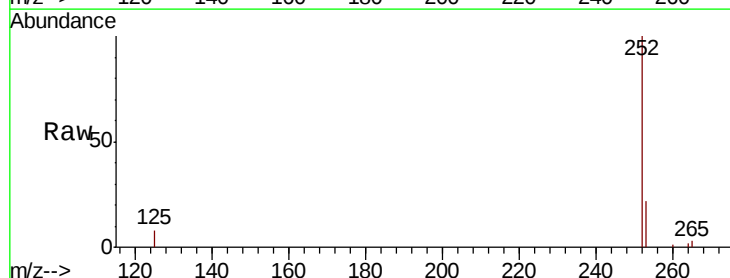
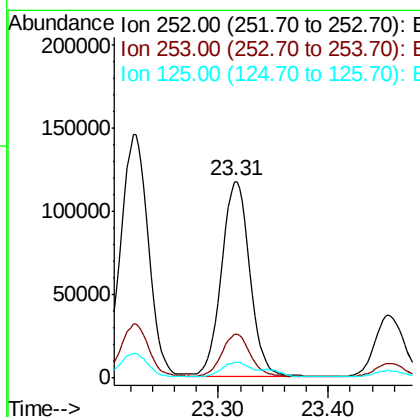
Manual Integrations
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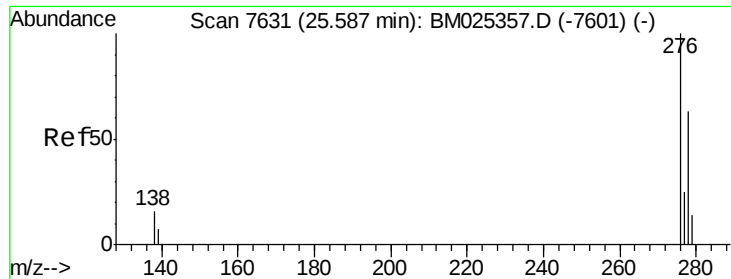
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#23
Benzo(a)pyrene
Concen: 2.662 ng/ul
RT: 23.31 min Scan# 6693
Delta R.T. -0.01 min
Lab File: BM025369.D
Acq: 08 Mar 2020 04:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	208576		
253	22.3	20.3	30.5	
125	8.0	13.0	19.4	#





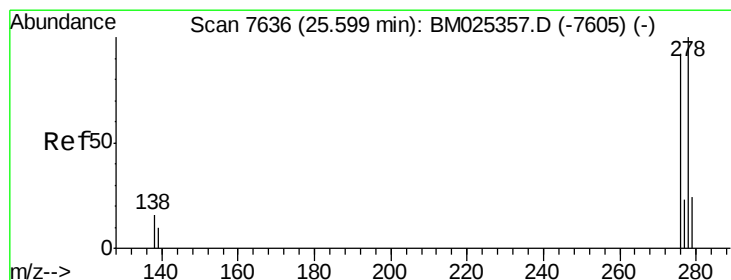
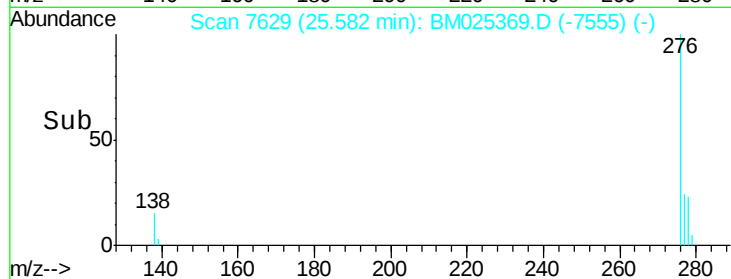
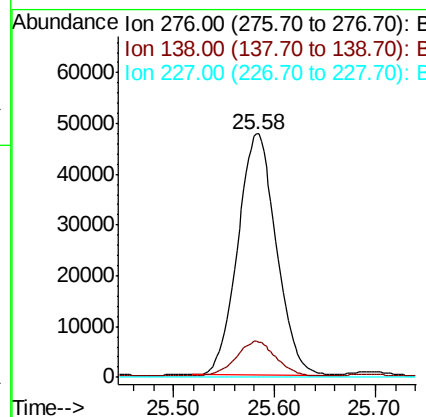
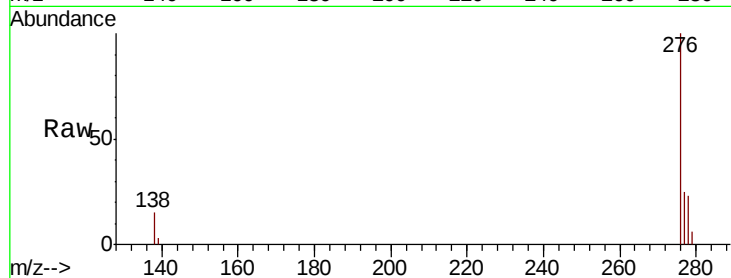
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.293 ng/uL
RT: 25.58 min Scan# 7629
Delta R.T. -0.02 min
Lab File: BM025369.D
Acq: 08 Mar 2020 04:14

Instrument :
BNA_M
ClientSampleId :
DBDP1

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.6	0.0	0.0#
227	0.0	0.0	0.0

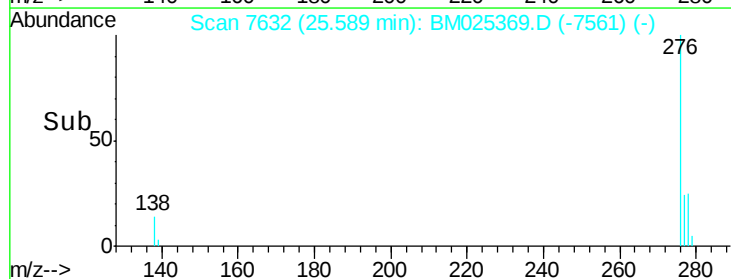
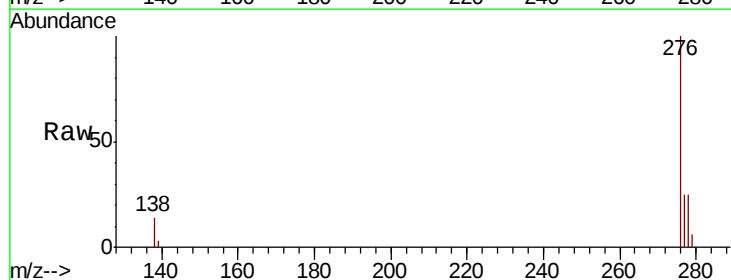
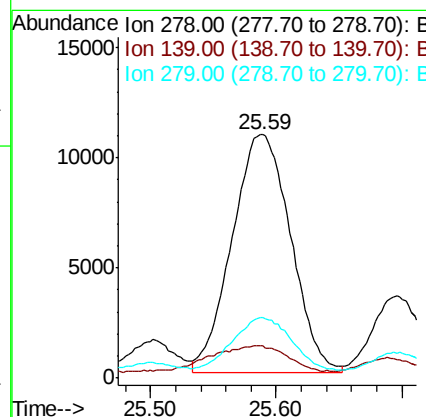
Manual Integrations
APPROVED

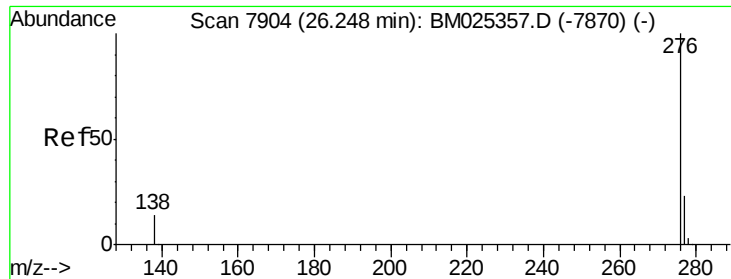
mohammad
3/9/2020 3:02:41 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.433 ng/uL
RT: 25.59 min Scan# 7632
Delta R.T. -0.03 min
Lab File: BM025369.D
Acq: 08 Mar 2020 04:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	13.5	13.2	19.8
279	24.6	21.0	31.4





#26
 Benzo(a,h,i)perylene
 Concen: 0.834 ng/ul
 RT: 26.25 min Scan# 7903
 Delta R.T. -0.02 min
 Lab File: BM025369.D
 Acq: 08 Mar 2020 04:14

Instrument :
 BNA_M
 ClientSampleId :
 DBDP1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	17.9	26.9#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:02:41 PM

