

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
 Data File : BM028774.D
 Acq On : 17 Feb 2021 16:26
 Operator : CG/JU
 Sample : M1379-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY7

Manual Integrations
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Quant Time: Feb 17 17:00:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 11:34:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	578	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2376	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	1451	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	3109	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	3669	0.40	ng/ul	0.02
20) Perylene-d12	23.66	264	2599	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	664	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1982	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1022	0.173	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	371	0.094	ng/ul	98
7) Acenaphthylene	14.26	152	1743	0.294	ng/ul	97
8) Acenaphthene	14.60	153	406	0.086	ng/ul	96
9) Fluorene	15.59	166	630	0.121	ng/ul#	96
11) Pentachlorophenol	16.93	266	78	0.096	ng/ul#	86
12) Phenanthrene	17.31	178	4913	0.565	ng/ul	100
13) Anthracene	17.41	178	2483	0.300	ng/ul#	78
15) Fluoranthene	19.32	202	13839	1.399	ng/ul	98
17) Pyrene	19.68	202	13414	1.006	ng/ul	99
18) Benzo(a)anthracene	21.42	228	4098	0.327	ng/ul#	75
19) Chrysene	21.47	228	7724m	0.620	ng/ul	
21) Benzo(b)fluoranthene	22.99	252	12246m	1.377	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	3633m	0.409	ng/ul	
23) Benzo(a)pyrene	23.56	252	4492	0.567	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.91	276	4584	0.444	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.91	278	1219	0.141	ng/ul#	38
26) Benzo(g,h,i)perylene	26.61	276	4043	0.471	ng/ul	96

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

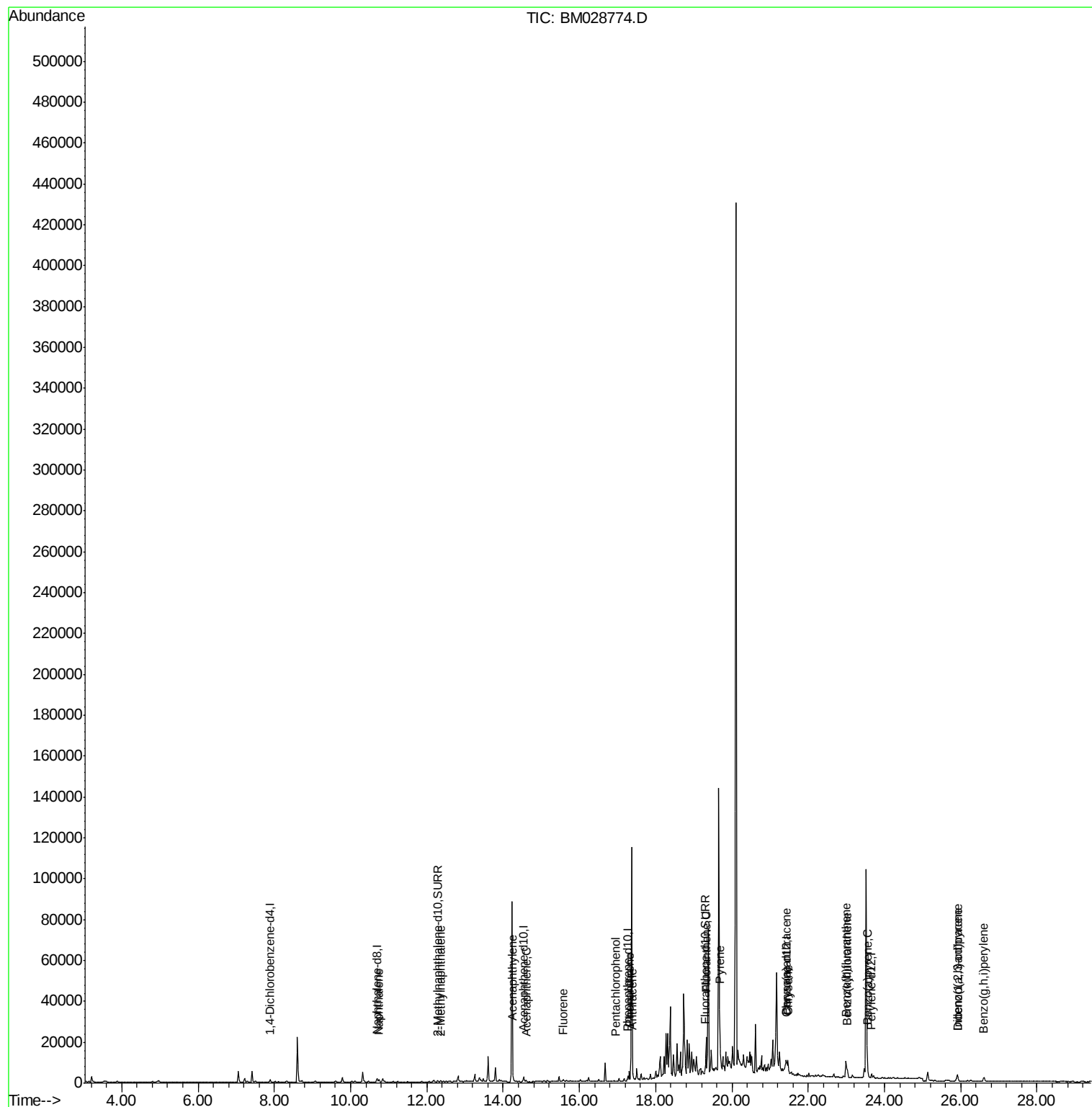
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
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ALS Vial : 11 Sample Multiplier: 1

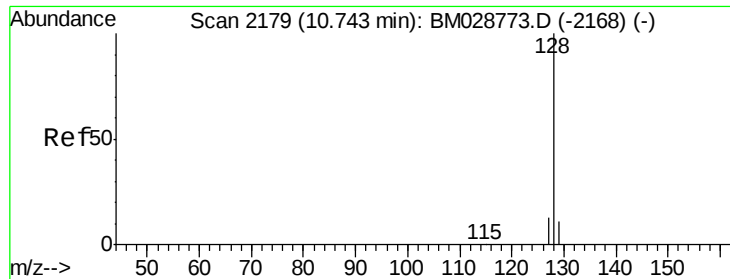
Instrument :
BNA_M
ClientSampleId :
DBGY7

Quant Time: Feb 17 17:00:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.173 ng/ul

RT: 10.74 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Instrument :

BNA_M

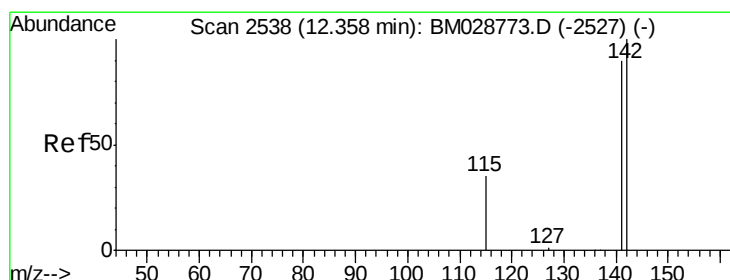
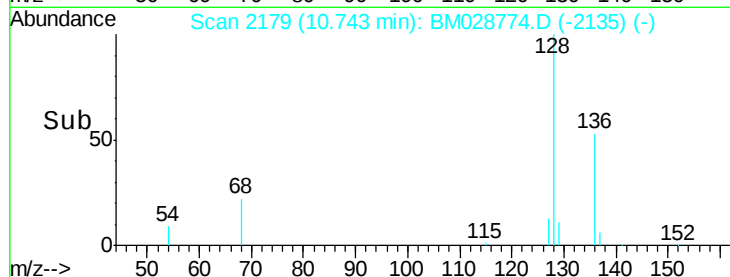
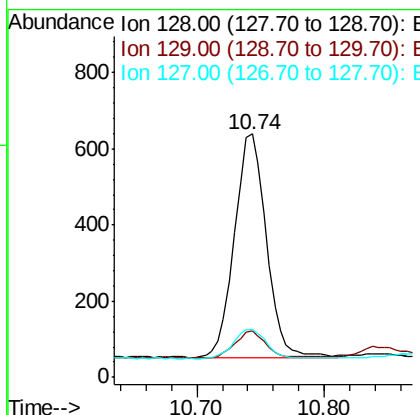
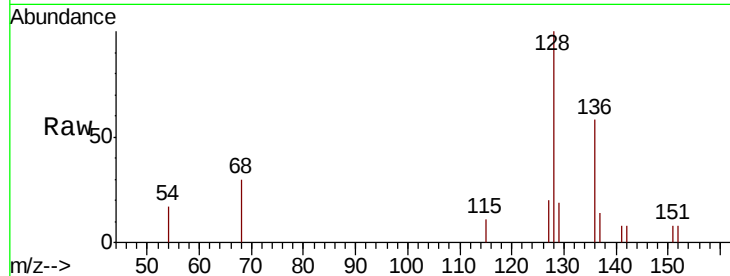
ClientSampleId :

DBGY7

Tot Ion:	128	Resp:	1022
Ion Ratio	Lower	Upper	
128	100		
129	18.9	11.4	17.2#
127	19.6	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.094 ng/ul

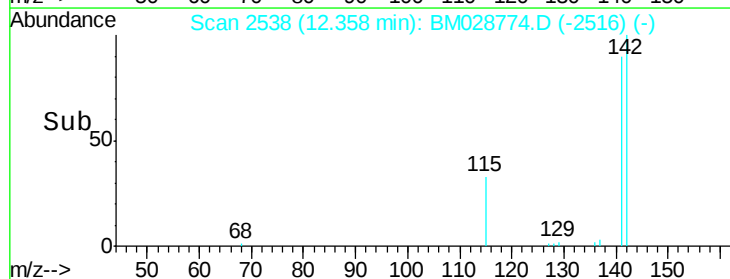
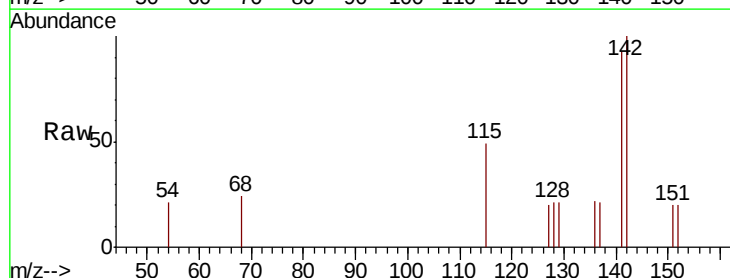
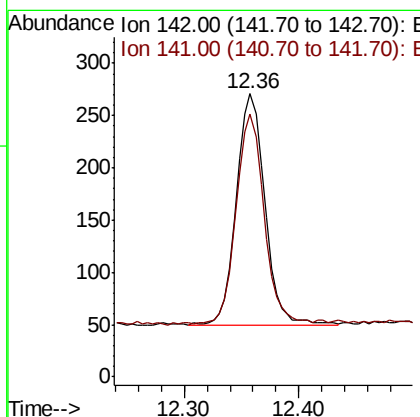
RT: 12.36 min Scan# 2538

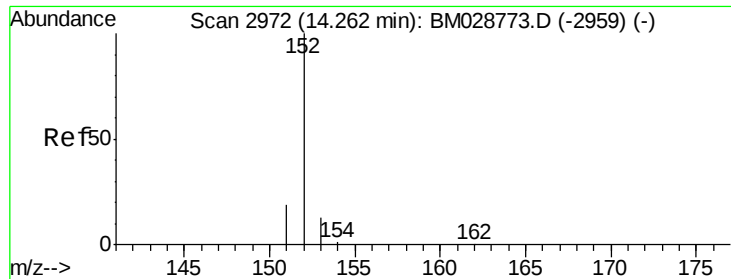
Delta R.T. 0.00 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Tgt Ion:	142	Resp:	371
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.2	108.4





#7

Acenaphthylene

Concen: 0.294 ng/ul

RT: 14.26 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Instrument :

BNA_M

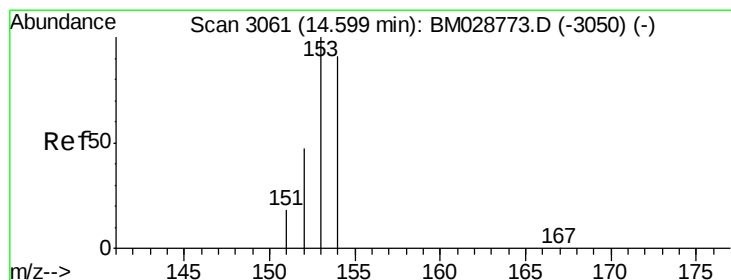
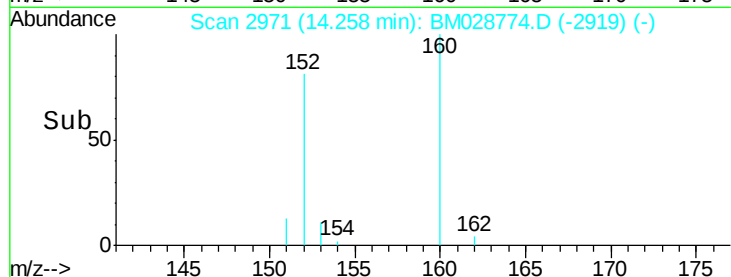
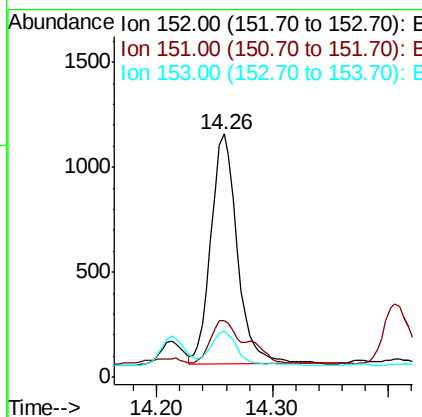
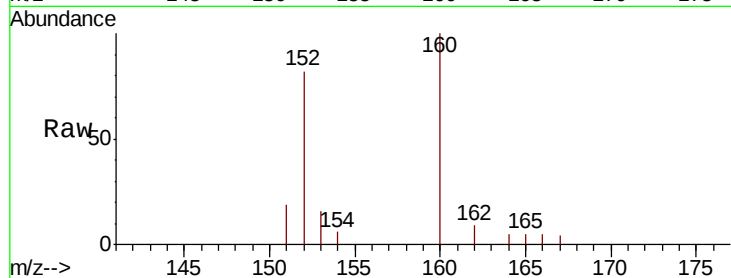
ClientSampleId :

DBGY7

Tot Ion:	152	Resp:	1743
Ion Ratio	Lower	Upper	
152	100		
151	23.0	18.0	27.0
153	18.9	13.4	20.0

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#8

Acenaphthene

Concen: 0.086 ng/ul

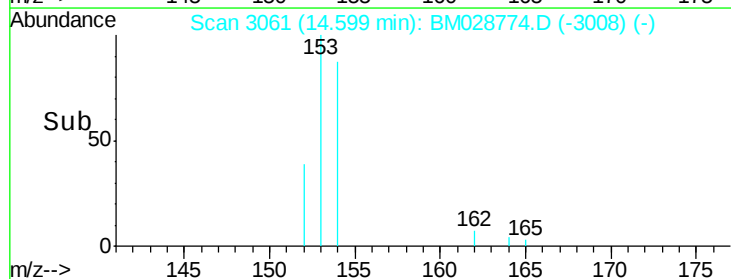
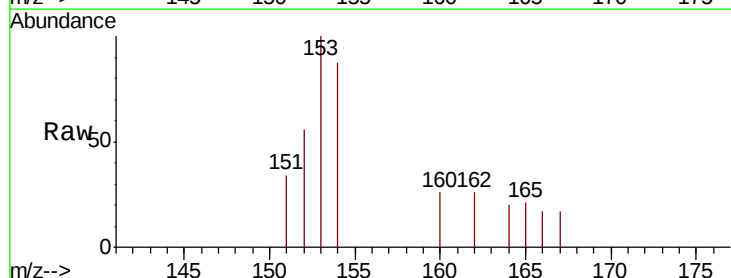
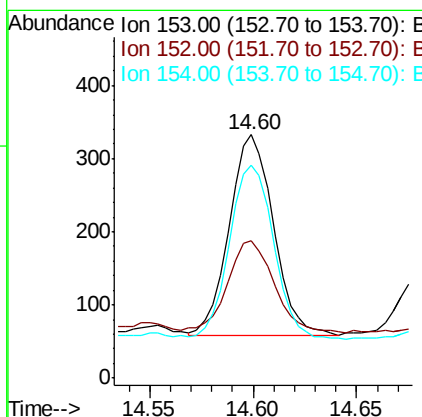
RT: 14.60 min Scan# 3061

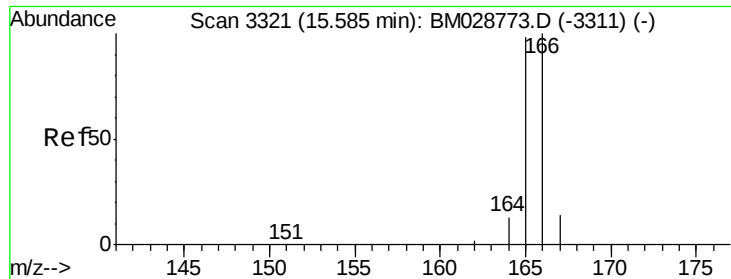
Delta R.T. 0.00 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Tgt Ion:	153	Resp:	406
Ion Ratio	Lower	Upper	
153	100		
152	56.2	39.6	59.4
154	87.4	70.3	105.5





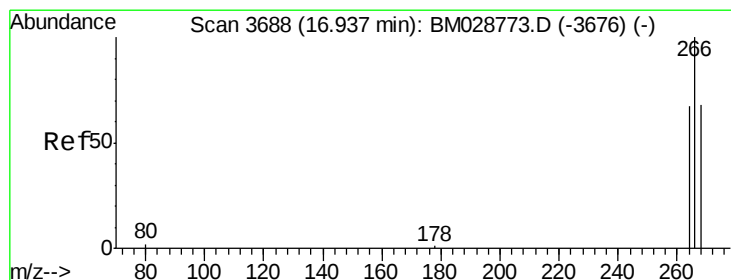
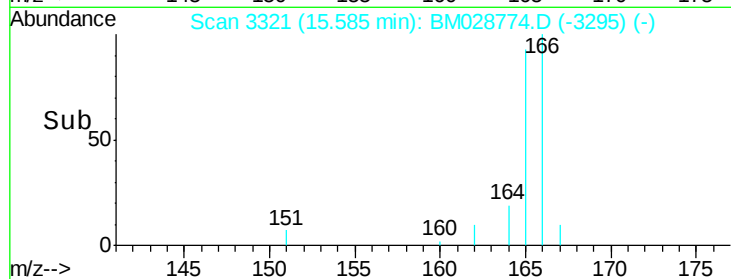
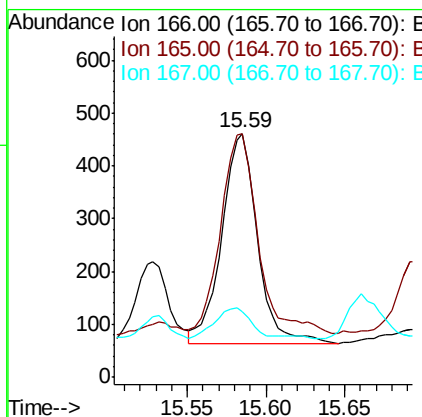
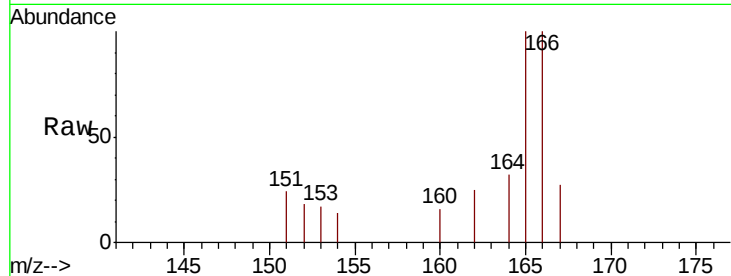
#9
Fluorene
 Concen: 0.121 ng/ul
 RT: 15.59 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BM028774.D
 Acq: 17 Feb 2021 16:26

Instrument :
 BNA_M
 ClientSampleId :
 DBGY7

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.6	119.4
167	27.1	13.9	20.9

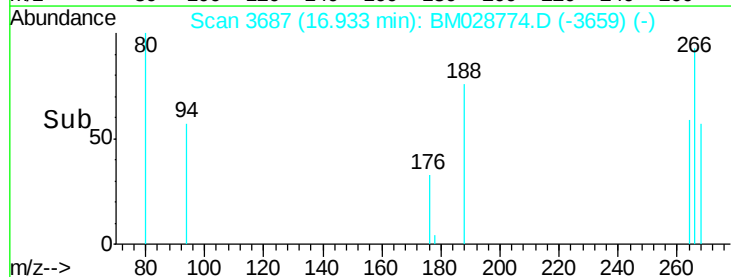
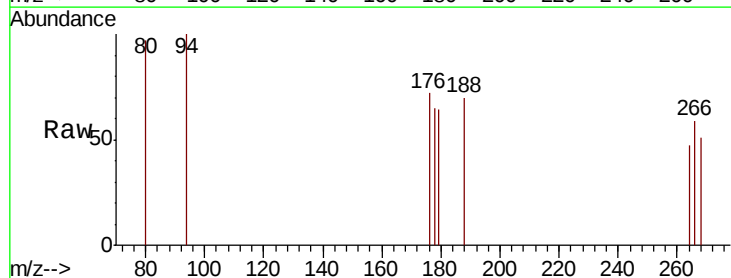
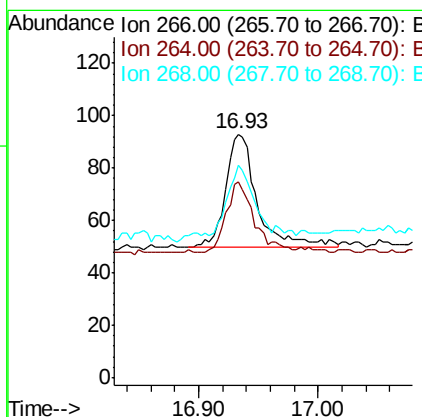
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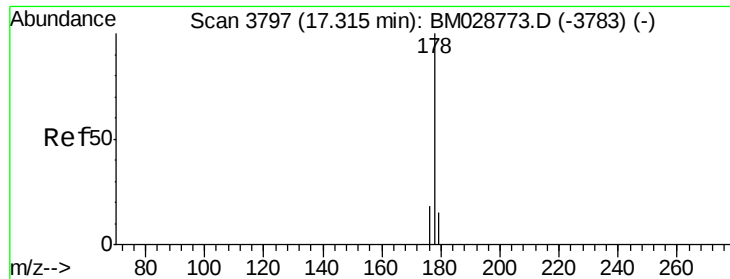
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#11
Pentachlorophenol
 Concen: 0.096 ng/ul
 RT: 16.93 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BM028774.D
 Acq: 17 Feb 2021 16:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.4	51.0	76.4
268	51.3	53.0	79.4





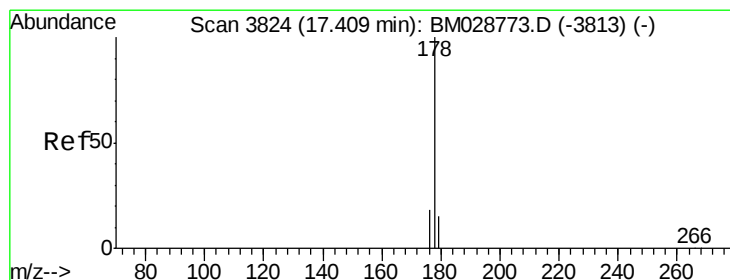
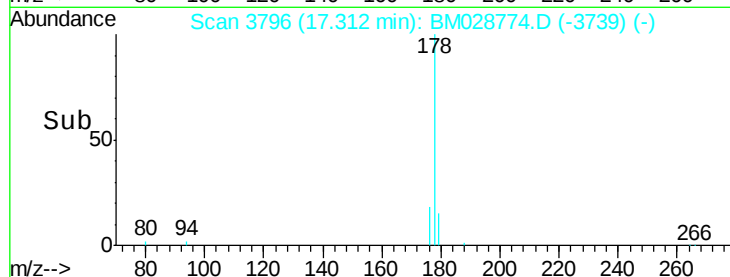
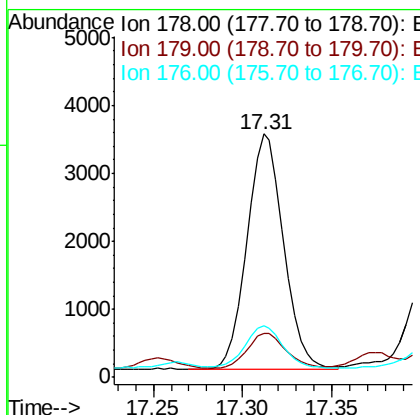
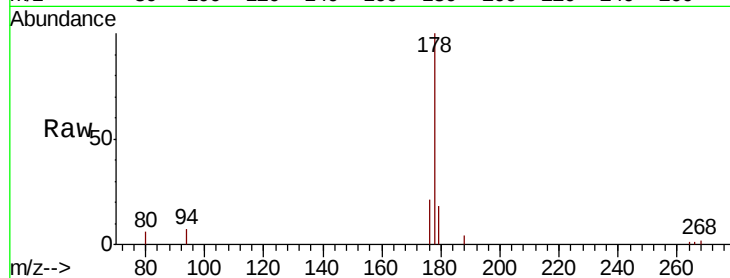
#12
Phenanthrene
Concen: 0.565 ng/ul
RT: 17.31 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGY7

Tot Ion:178 Resp: 4913
Ion Ratio Lower Upper
178 100
179 18.3 14.7 22.1
176 21.2 16.7 25.1

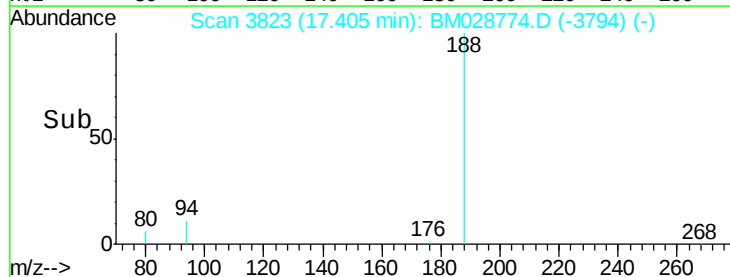
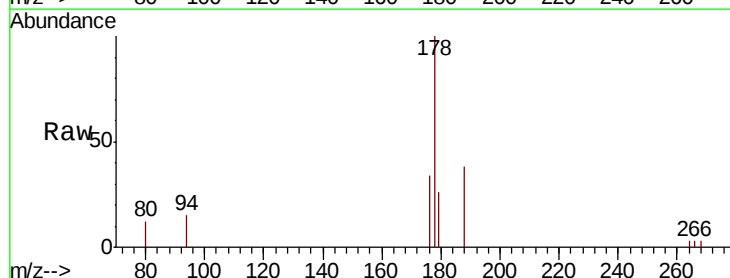
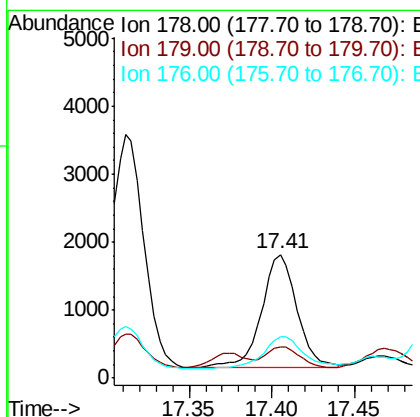
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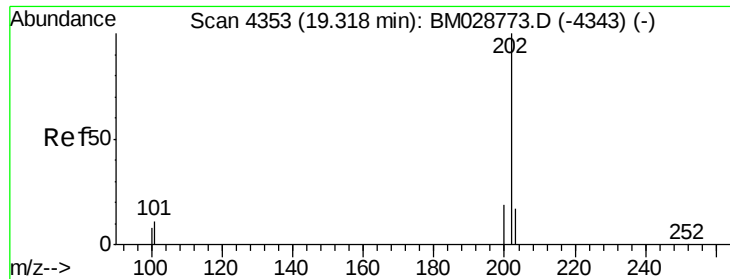
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#13
Anthracene
Concen: 0.300 ng/ul
RT: 17.41 min Scan# 3823
Delta R.T. 0.00 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Tgt Ion:178 Resp: 2483
Ion Ratio Lower Upper
178 100
179 25.6 15.0 22.4#
176 33.7 16.6 24.8#





#15

Fluoranthene

Concen: 1.399 ng/ul

RT: 19.32 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Instrument :

BNA_M

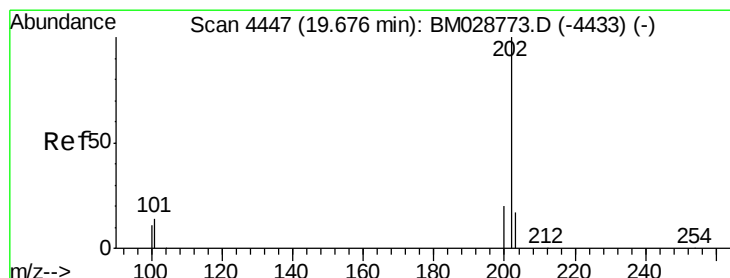
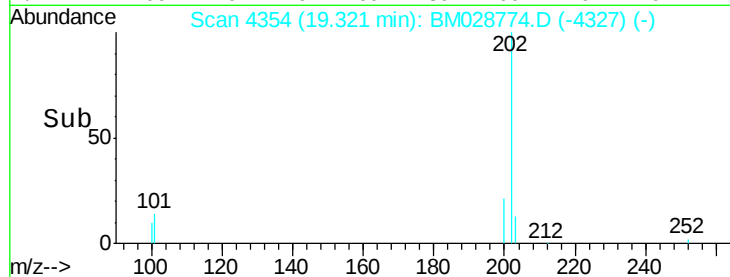
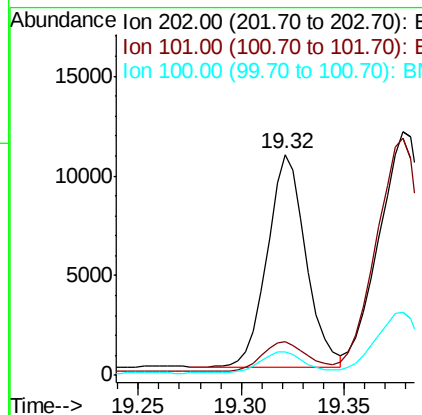
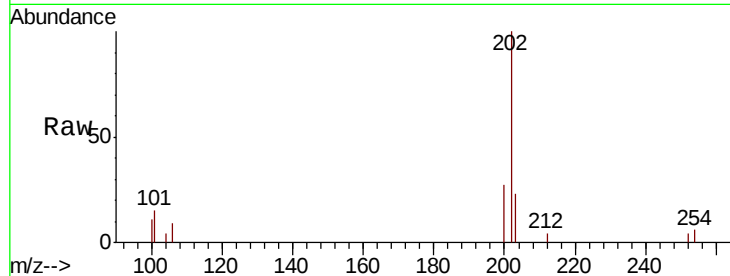
ClientSampleId :

DBGY7

Tot Ion:	202	Resp:	13839
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	34.5
100	10.9	0.0	31.7

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#17

Pyrene

Concen: 1.006 ng/ul

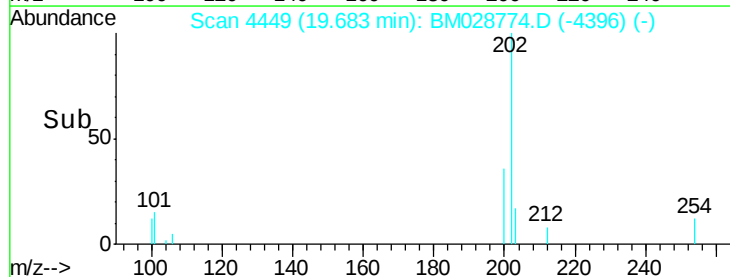
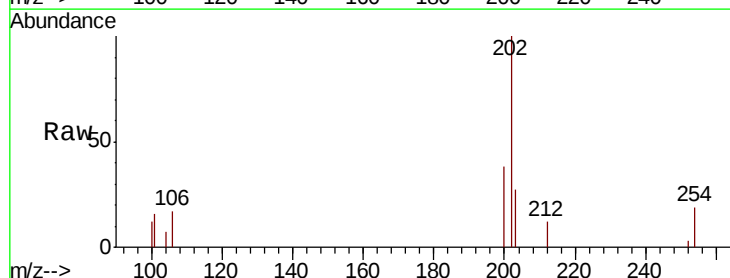
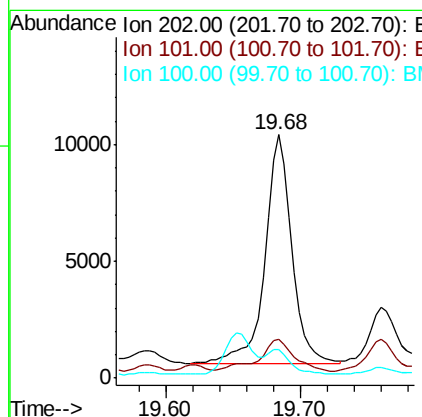
RT: 19.68 min Scan# 4449

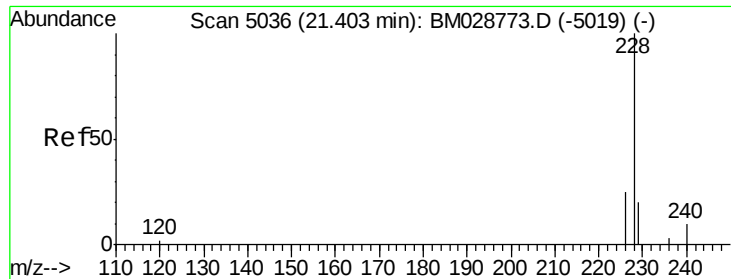
Delta R.T. 0.00 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Tgt Ion:	202	Resp:	13414
Ion Ratio	Lower	Upper	
202	100		
101	15.9	12.7	19.1
100	11.7	10.2	15.4





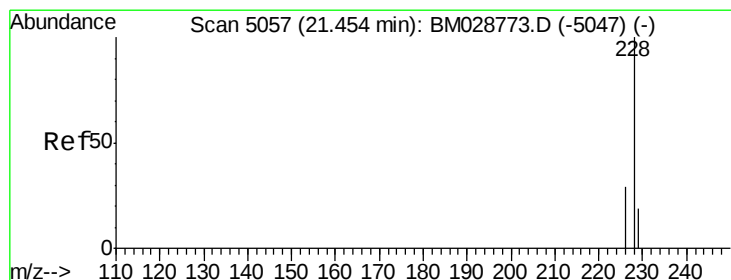
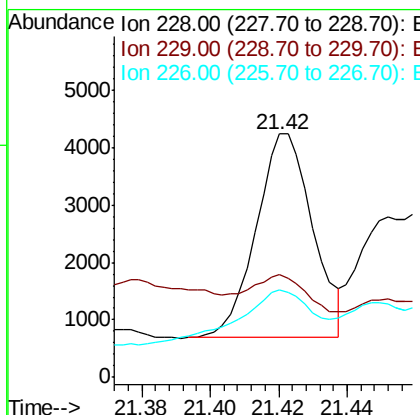
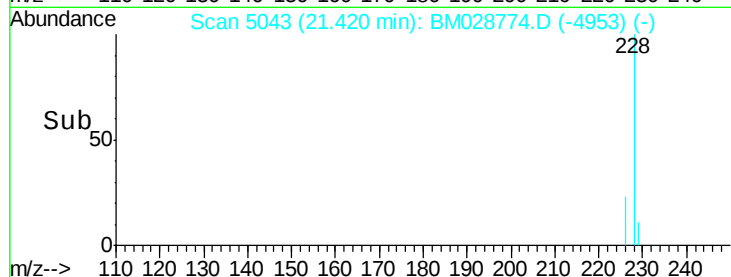
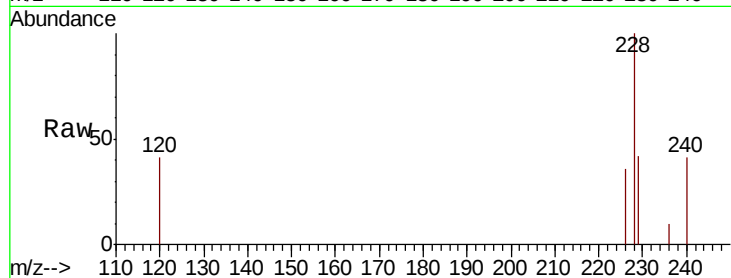
#18
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.42 min Scan# 5043
Delta R.T. 0.02 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGY7

Tot Ion	Ratio	Lower	Upper
228	100		
229	42.0	18.9	28.3#
226	35.7	22.6	34.0#

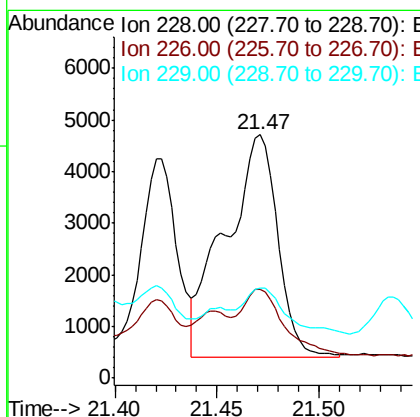
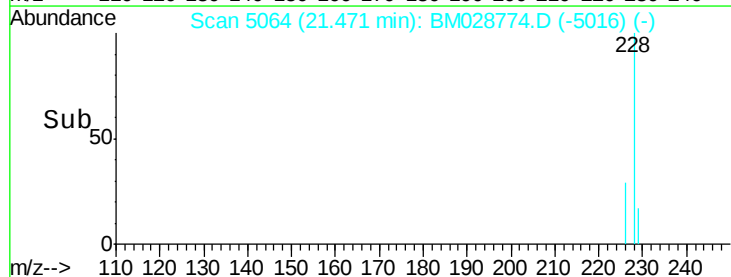
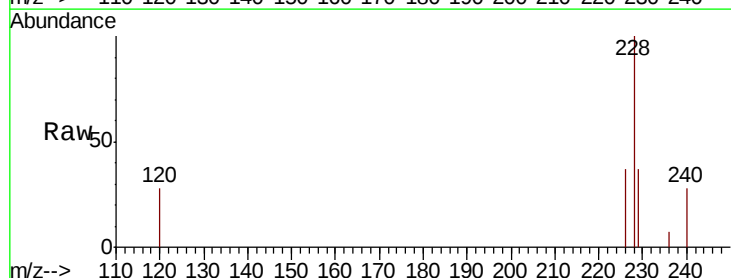
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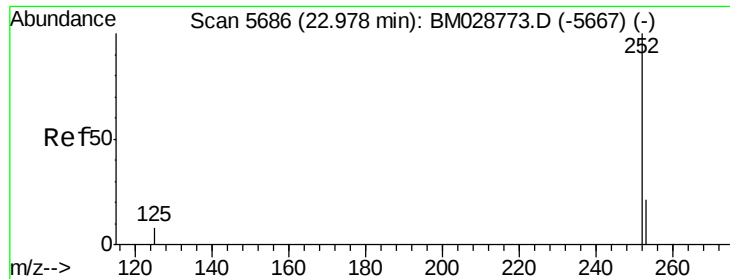
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#19
Chrysene
Concen: 0.620 ng/ul m
RT: 21.47 min Scan# 5064
Delta R.T. 0.02 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.6	37.0
229	36.9	18.8	28.2#





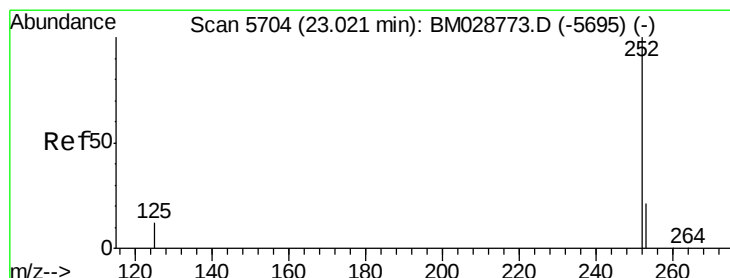
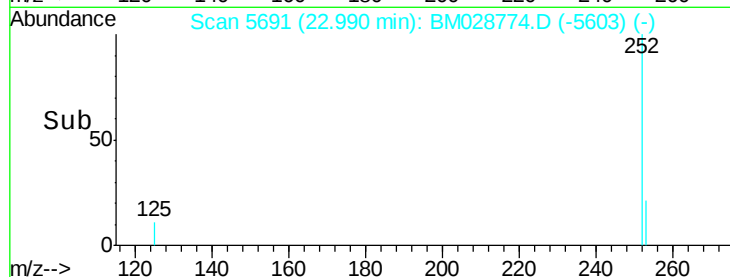
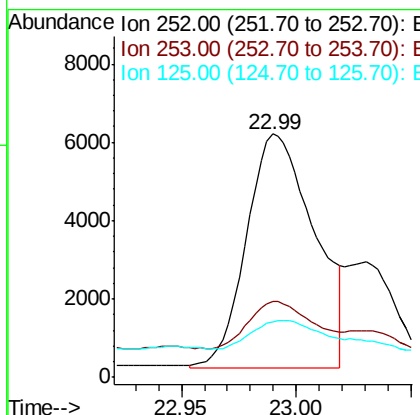
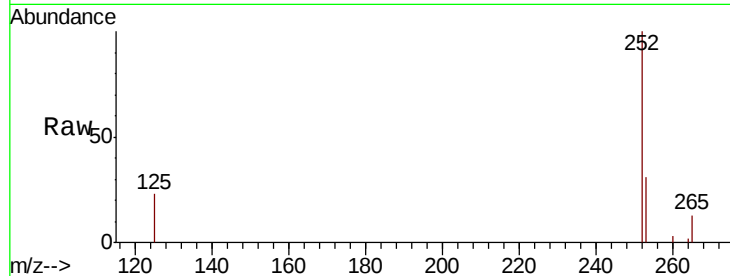
#21
Benzo(b)fluoranthene
Concen: 1.377 ng/ul m
RT: 22.99 min Scan# 5691
Delta R.T. 0.01 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGY7

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	0.0	67.0
125	22.8	0.0	57.4

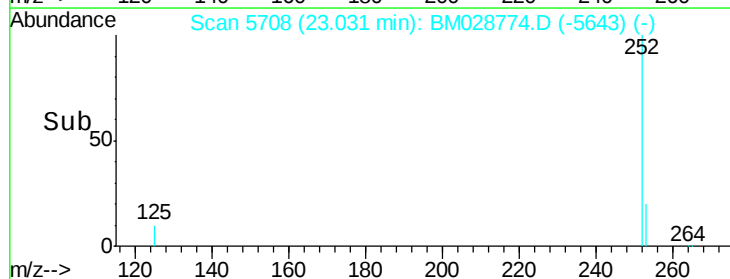
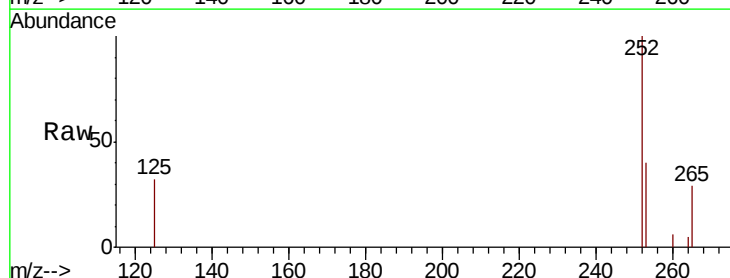
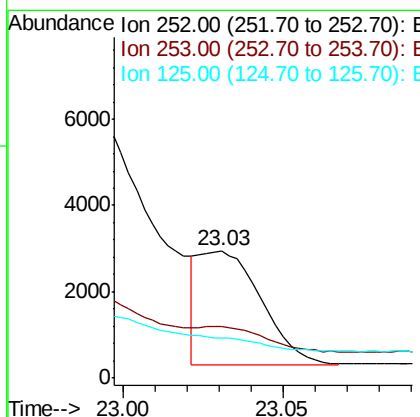
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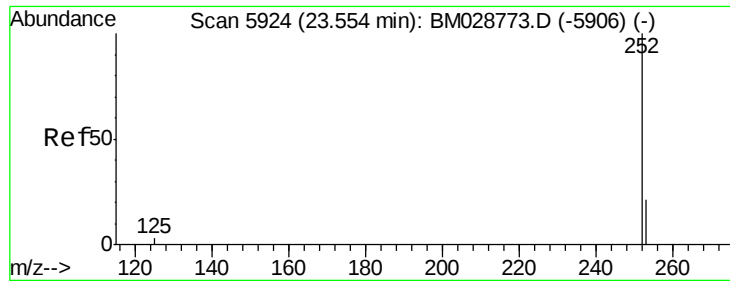
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#22
Benzo(k)fluoranthene
Concen: 0.409 ng/ul m
RT: 23.03 min Scan# 5708
Delta R.T. 0.01 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.3	26.3	39.5#
125	31.8	22.9	34.3





#23

Benzo(a)pyrene

Concen: 0.567 ng/ul

RT: 23.56 min Scan# 5928

Delta R.T. 0.01 min

Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Instrument :

BNA_M

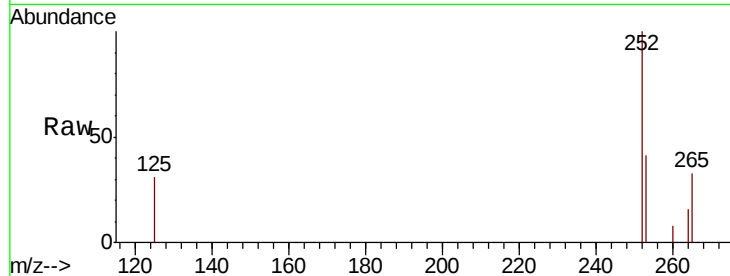
ClientSampleId :

DBGY7

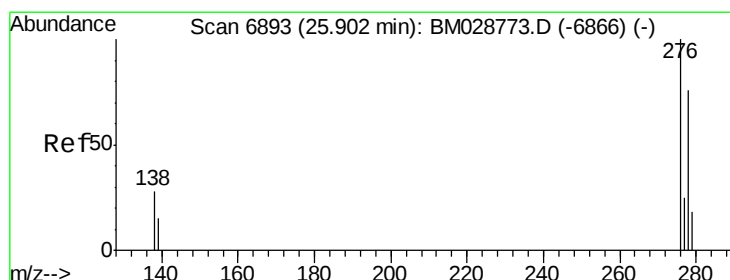
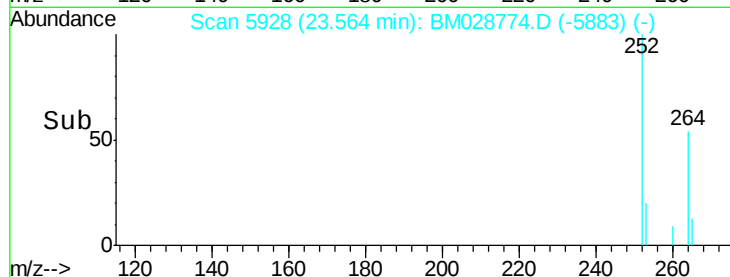
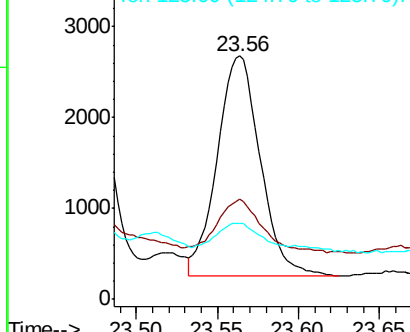
Tot Ion:	252	Resp:	4492
Ion Ratio	Lower	Upper	
252	100		
253	41.2	28.7	43.1
125	31.2	27.9	41.9

Manual Integrations
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2/18/2021 1:39:03 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: 0.444 ng/ul

RT: 25.91 min Scan# 6897

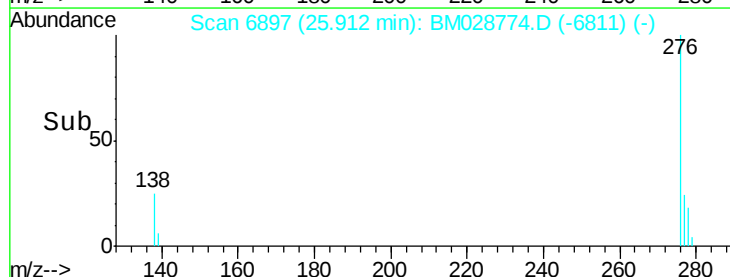
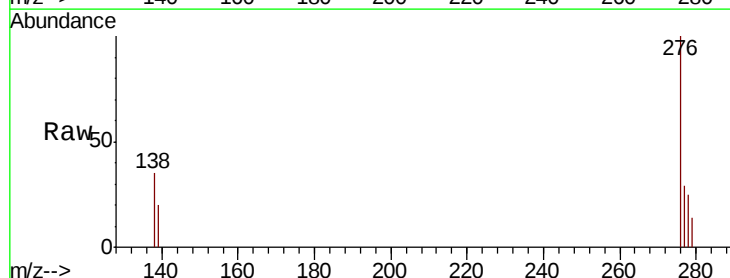
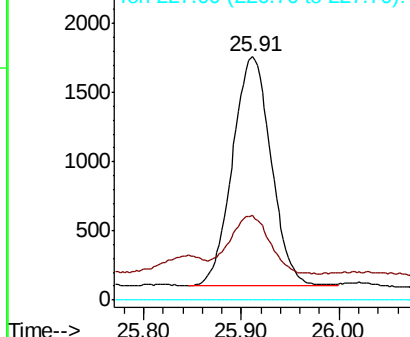
Delta R.T. 0.01 min

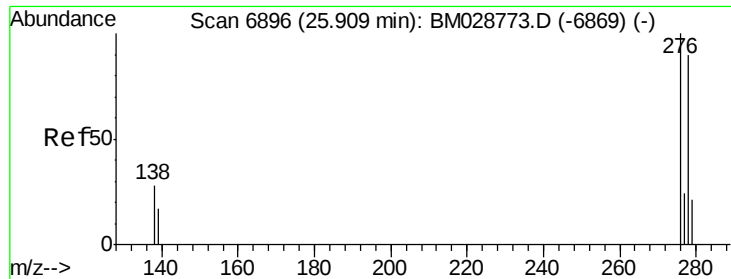
Lab File: BM028774.D

Acq: 17 Feb 2021 16:26

Tgt Ion:	276	Resp:	4584
Ion Ratio	Lower	Upper	
276	100		
138	26.8	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





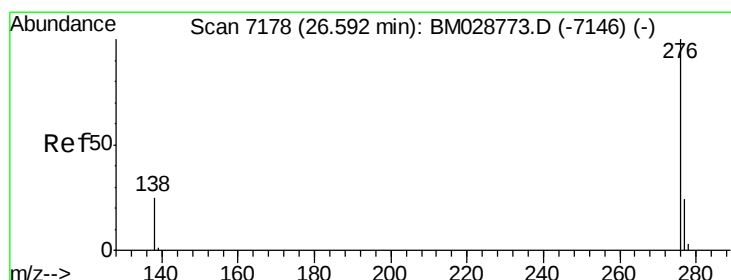
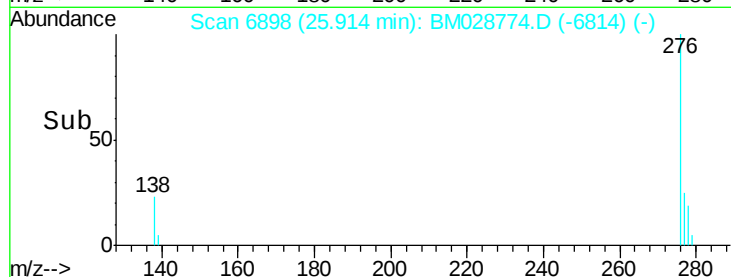
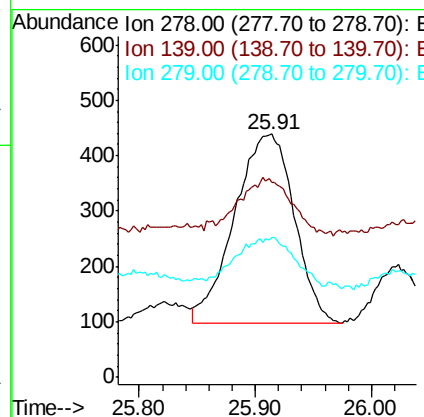
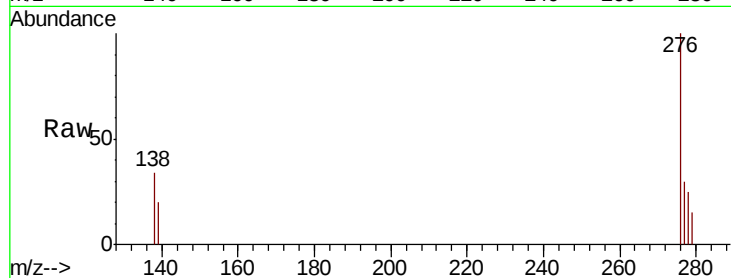
#25
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 25.91 min Scan# 6898
Delta R.T. 0.00 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGY7

Tot Ion	Ratio	Lower	Upper
278	100		
139	80.4	24.9	37.3#
279	57.4	28.3	42.5#

Manual Integrations
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2/18/2021 1:39:03 PM



#26
Benzo(g,h,i)perylene
Concen: 0.471 ng/ul
RT: 26.61 min Scan# 7184
Delta R.T. 0.01 min
Lab File: BM028774.D
Acq: 17 Feb 2021 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.4	38.2
277	29.8	25.3	37.9

