

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028794.D
 Acq On : 18 Feb 2021 13:38
 Operator : CG/JU
 Sample : M1379-08DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY8DL

Manual Integrations
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Quant Time: Feb 18 14:15:14 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 : Thu Feb 18 13:03:27 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	573	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	2448	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1403	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2837	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2491	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	2466	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	51	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	124	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6127	1.005	ng/ul	95
5) 2-Methylnaphthalene	12.37	142	431	0.106	ng/ul	98
7) Acenaphthylene	14.27	152	207	0.036	ng/ul#	34
8) Acenaphthene	14.61	153	549	0.121	ng/ul	97
9) Fluorene	15.59	166	806	0.160	ng/ul#	92
12) Phenanthrene	17.32	178	5237	0.660	ng/ul	98
13) Anthracene	17.41	178	515	0.068	ng/ul#	59
15) Fluoranthene	19.33	202	6446	0.714	ng/ul	95
17) Pyrene	19.69	202	7373	0.815	ng/ul	97
18) Benzo(a)anthracene	21.42	228	700	0.082	ng/ul#	49
19) Chrysene	21.47	228	954	0.113	ng/ul#	48
21) Benzo(b)fluoranthene	23.00	252	854m	0.101	ng/ul	
22) Benzo(k)fluoranthene	23.04	252	281m	0.033	ng/ul	
23) Benzo(a)pyrene	23.57	252	334	0.044	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.94	276	275	0.028	ng/ul#	100
26) Benzo(a,h,i)perylene	26.63	276	264	0.032	ng/ul#	1

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

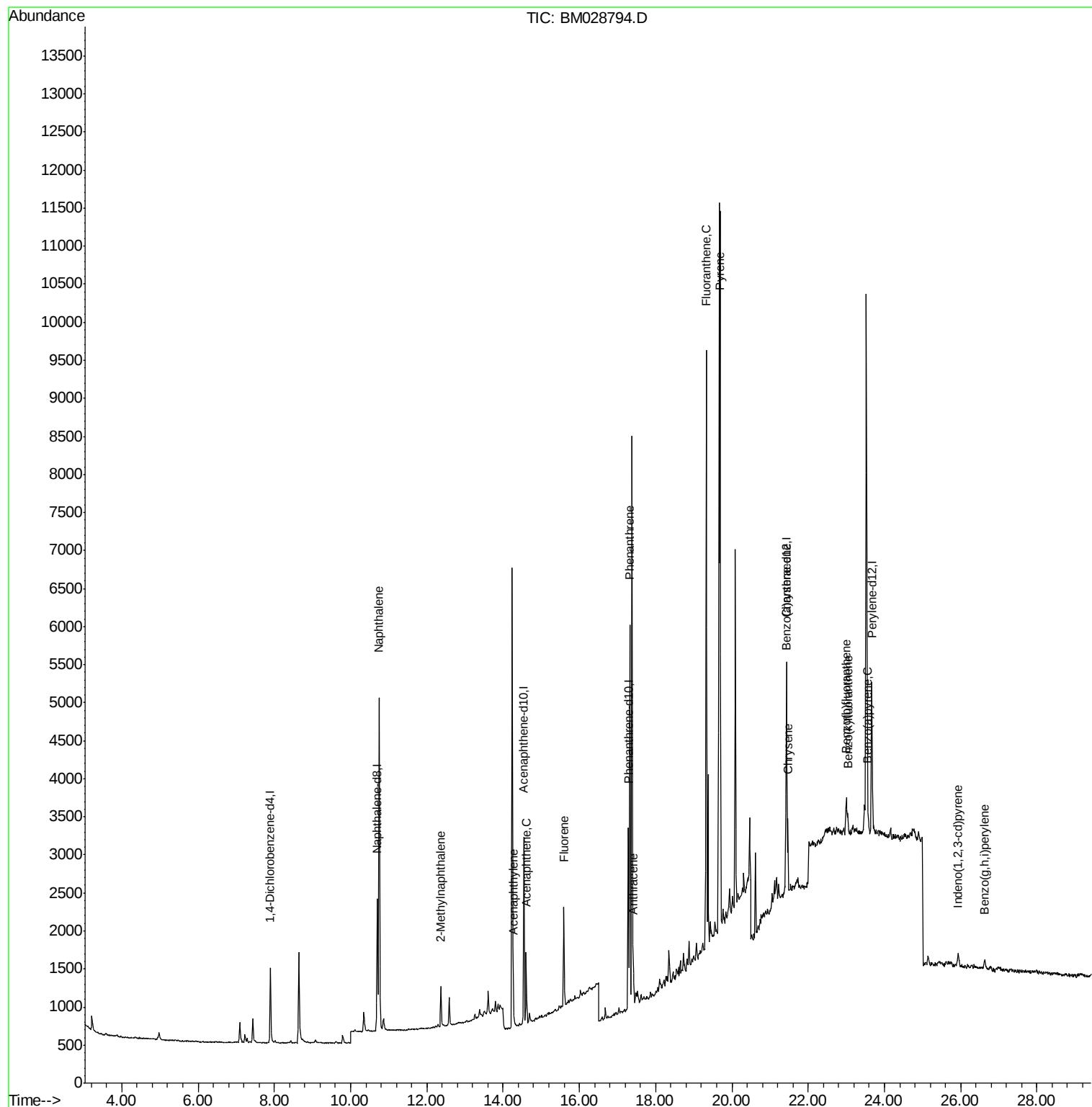
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028794.D
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ALS Vial : 8 Sample Multiplier: 1

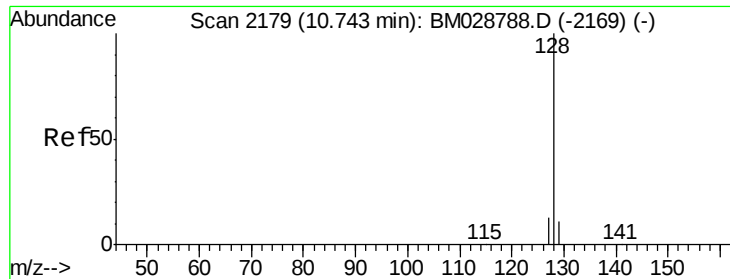
Instrument :
BNA_M
ClientSampleId :
DBGY8DL

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Quant Time: Feb 18 14:15:14 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 : Thu Feb 18 13:03:27 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.005 ng/ul

RT: 10.75 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BM028794.D

Acq: 18 Feb 2021 13:38

Instrument :

BNA_M

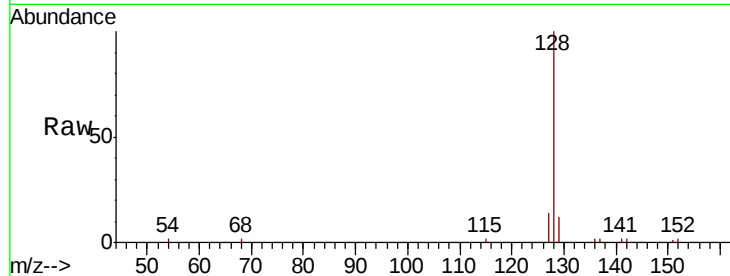
ClientSampleId :

DBGY8DL

Tot Ion:	128	Resp:	6127
Ion Ratio	Lower	Upper	
128	100		
129	12.4	11.4	17.2
127	14.3	13.0	19.6

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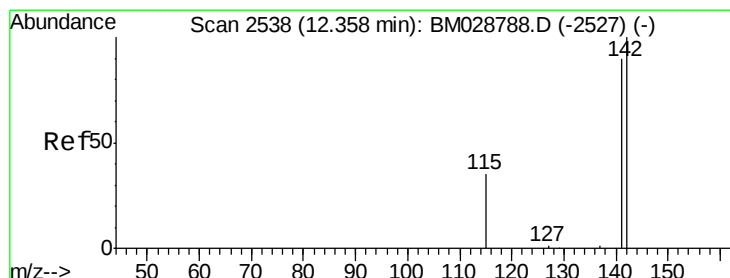
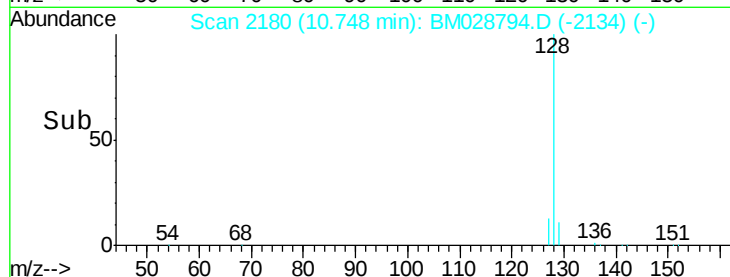
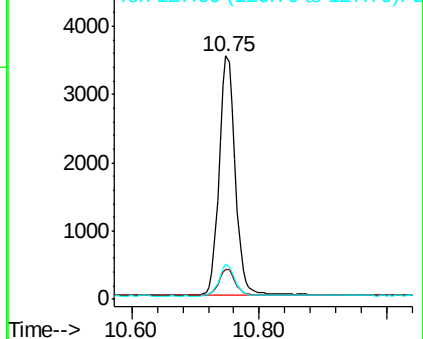
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.106 ng/ul

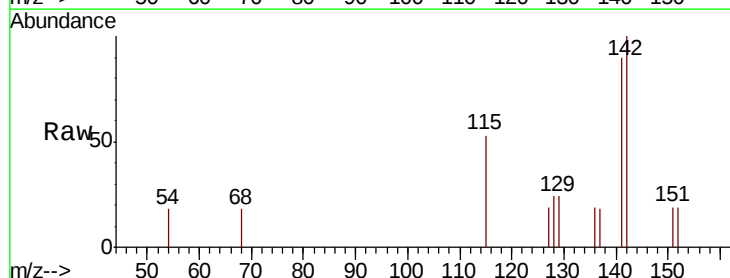
RT: 12.37 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BM028794.D

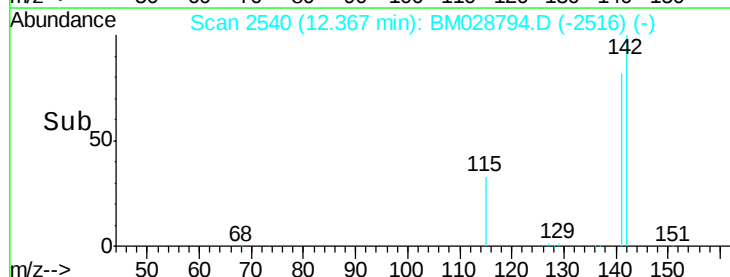
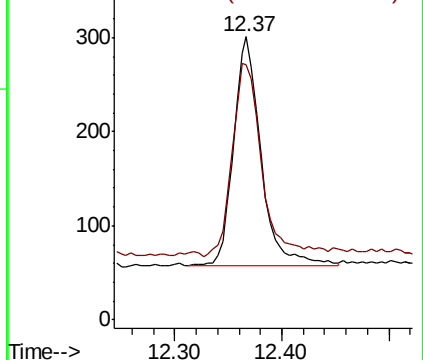
Acq: 18 Feb 2021 13:38

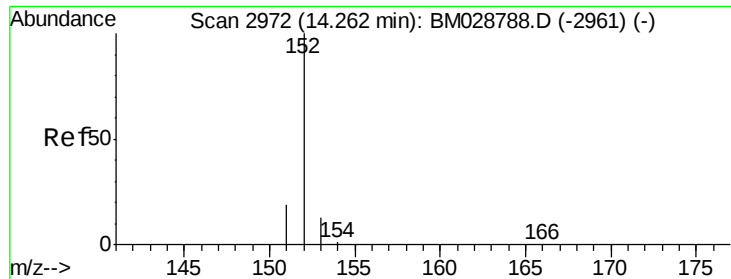
Tgt Ion:	142	Resp:	431
Ion Ratio	Lower	Upper	
142	100		
141	92.6	72.2	108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.27 min Scan# 2974

Delta R.T. 0.01 min

Lab File: BM028794.D

Acq: 18 Feb 2021 13:38

Instrument :

BNA_M

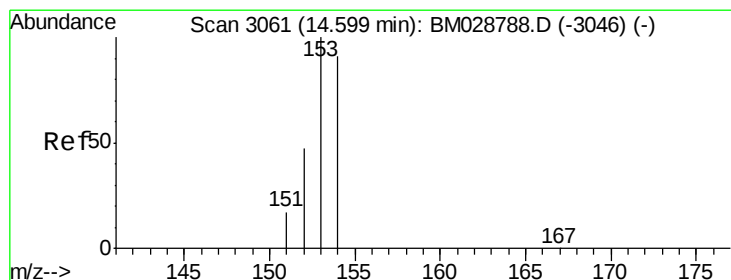
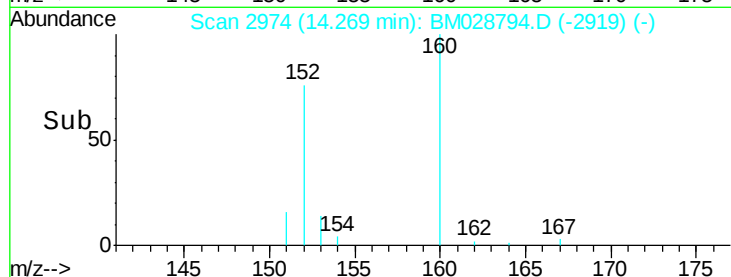
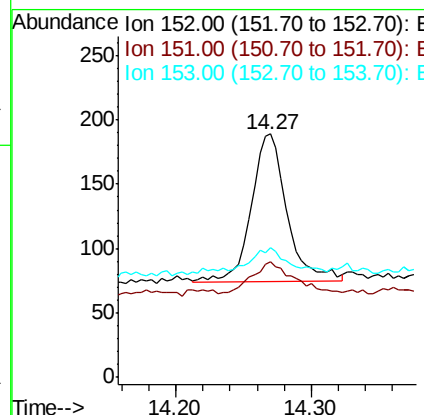
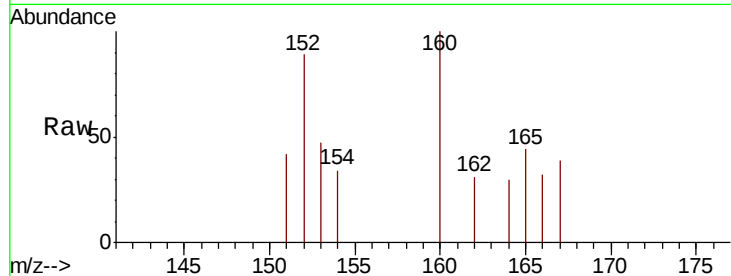
ClientSampleId :

DBGY8DL

Tot Ion:	152	Resp:	207
Ion Ratio	Lower	Upper	
152	100		
151	47.6	18.0	27.0#
153	53.4	13.4	20.0#

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#8

Acenaphthene

Concen: 0.121 ng/ul

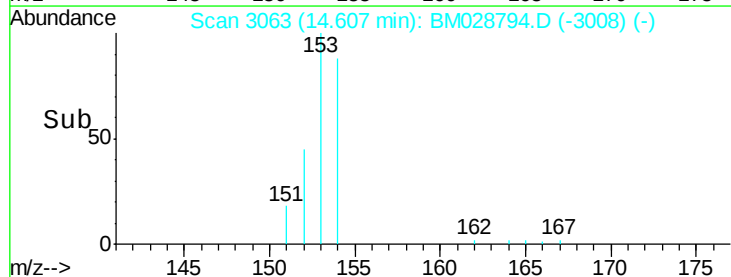
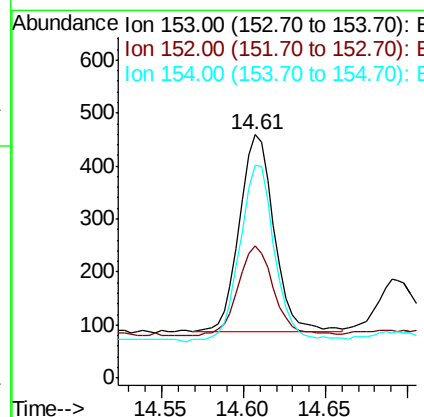
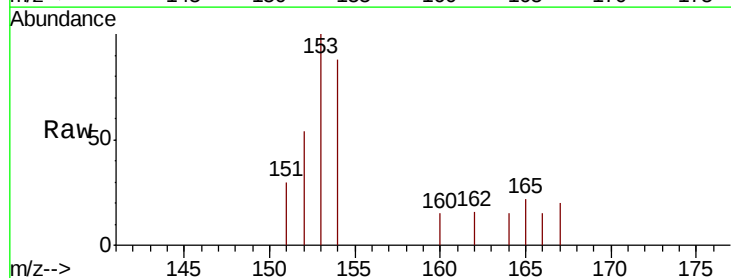
RT: 14.61 min Scan# 3063

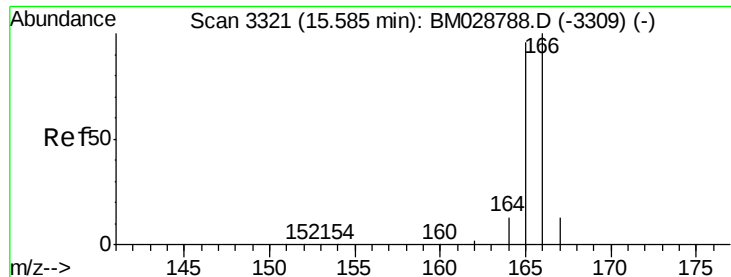
Delta R.T. 0.01 min

Lab File: BM028794.D

Acq: 18 Feb 2021 13:38

Tgt Ion:	153	Resp:	549
Ion Ratio	Lower	Upper	
153	100		
152	54.2	39.6	59.4
154	87.6	70.3	105.5





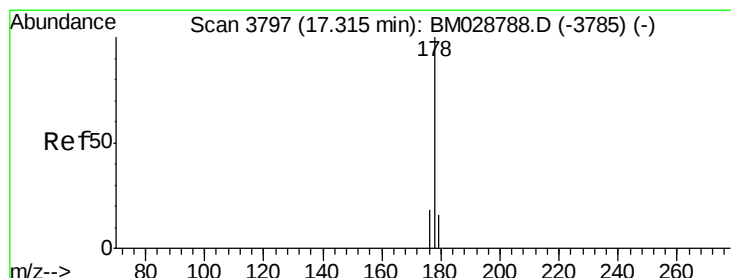
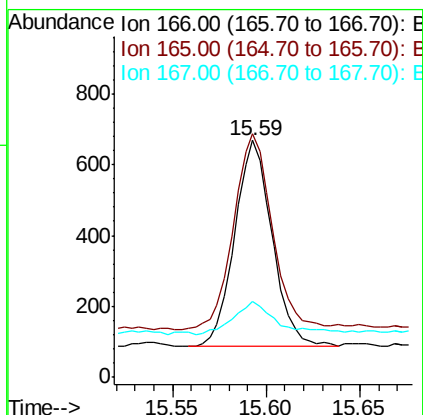
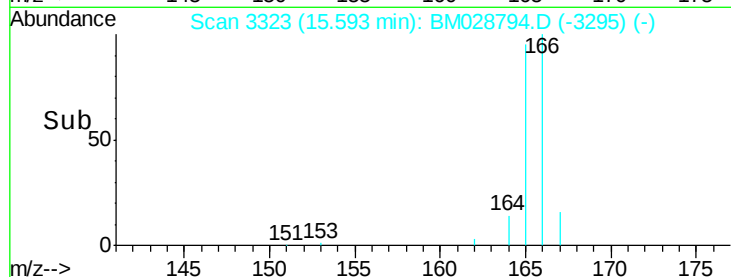
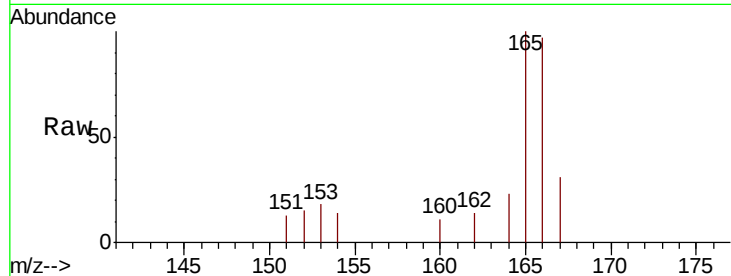
#9
Fluorene
 Concen: 0.160 ng/ul
 RT: 15.59 min Scan# 3323
 Delta R.T. 0.01 min
 Lab File: BM028794.D
 Acq: 18 Feb 2021 13:38

Instrument :
 BNA_M
 ClientSampleId :
 DBGY8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.8	79.6	119.4
167	31.9	13.9	20.9

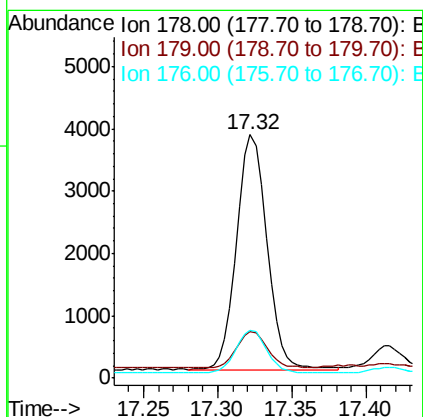
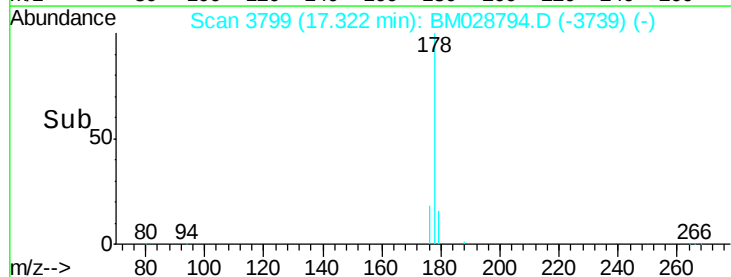
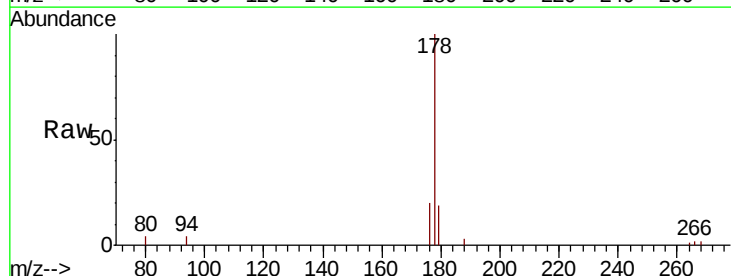
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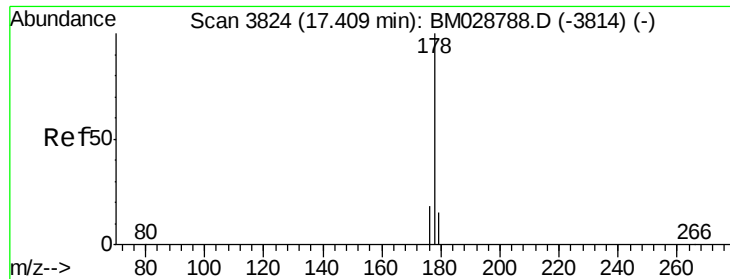
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#12
Phenanthrene
 Concen: 0.660 ng/ul
 RT: 17.32 min Scan# 3799
 Delta R.T. 0.01 min
 Lab File: BM028794.D
 Acq: 18 Feb 2021 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	14.7	22.1
176	19.7	16.7	25.1





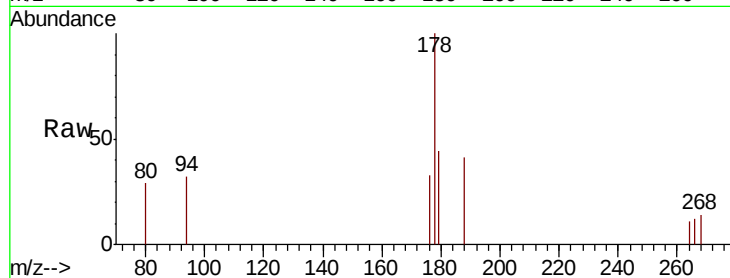
#13
 Anthracene
 Concen: 0.068 ng/ul
 RT: 17.41 min Scan# 3825
 Delta R.T. 0.00 min
 Lab File: BM028794.D
 Acq: 18 Feb 2021 13:38

Instrument :
 BNA_M
 ClientSampleId :
 DBGY8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	43.9	15.0	22.4#
176	33.4	16.6	24.8#

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Abundance

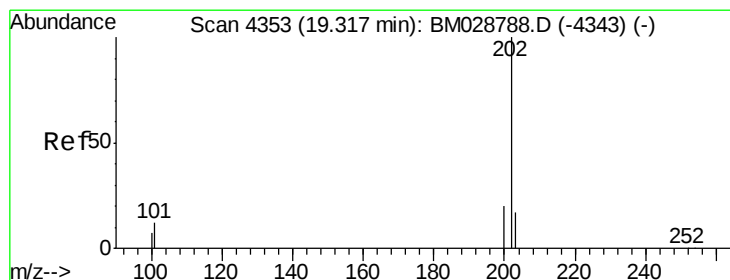
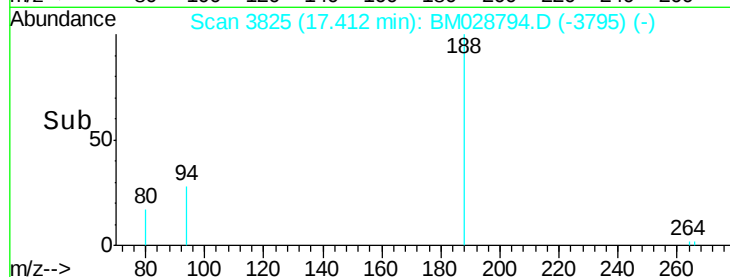
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.41

Time-->



#15
 Fluoranthene
 Concen: 0.714 ng/ul
 RT: 19.33 min Scan# 4356
 Delta R.T. 0.01 min
 Lab File: BM028794.D
 Acq: 18 Feb 2021 13:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.5
100	9.6	0.0	31.7

Abundance

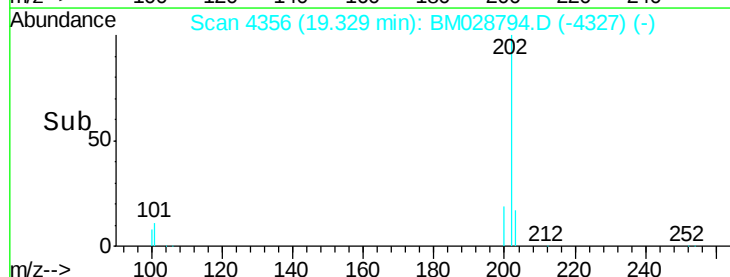
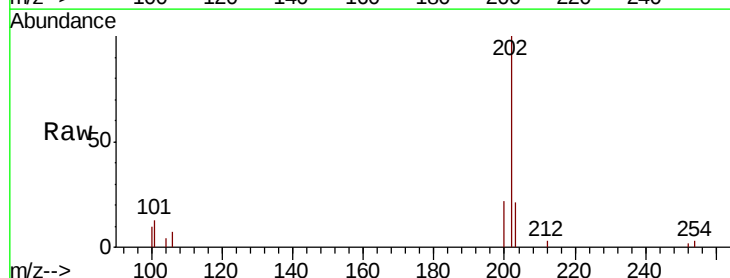
Ion 202.00 (201.70 to 202.70): E

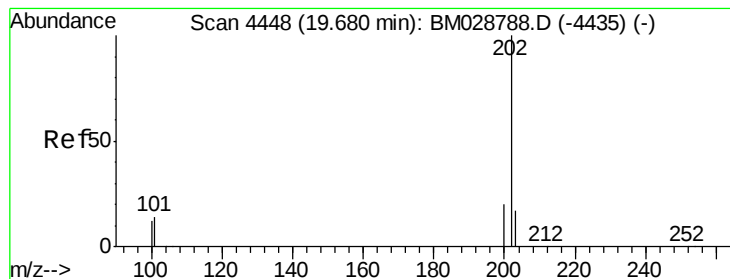
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.33

Time-->





#17

Pvrene

Concen: 0.815 ng/ul

RT: 19.69 min Scan# 4450

Delta R.T. 0.01 min

Lab File: BM028794.D

Acq: 18 Feb 2021 13:38

Instrument :

BNA_M

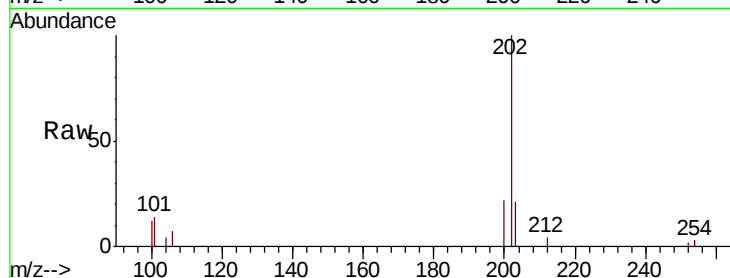
ClientSampleId :

DBGY8DL

Tot Ion:	202	Resp:	7373
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.7	19.1
100	12.0	10.2	15.4

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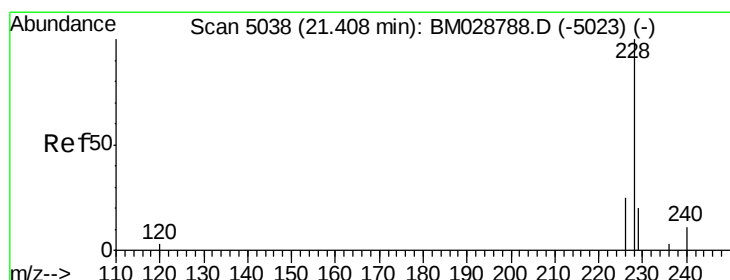
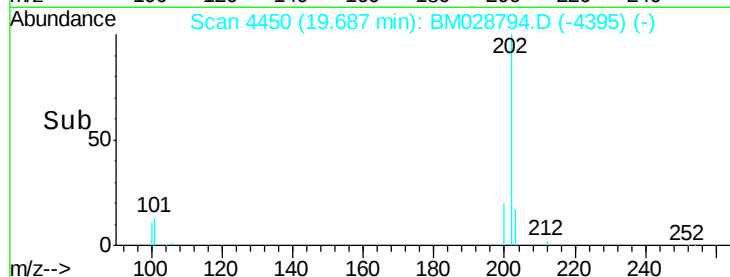
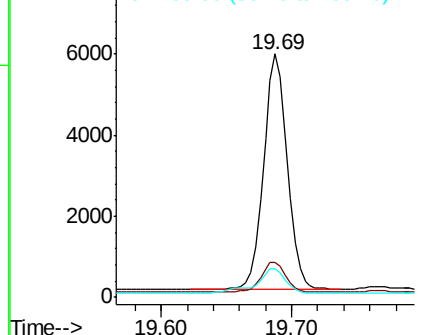
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.082 ng/ul

RT: 21.42 min Scan# 5041

Delta R.T. 0.01 min

Lab File: BM028794.D

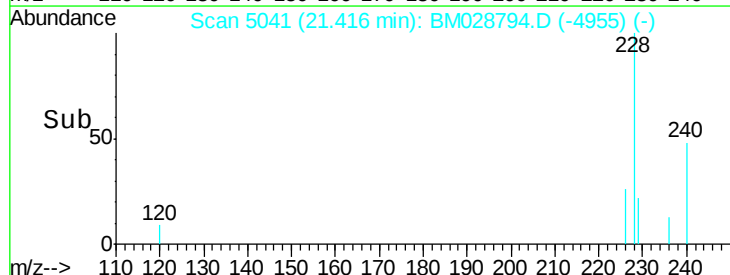
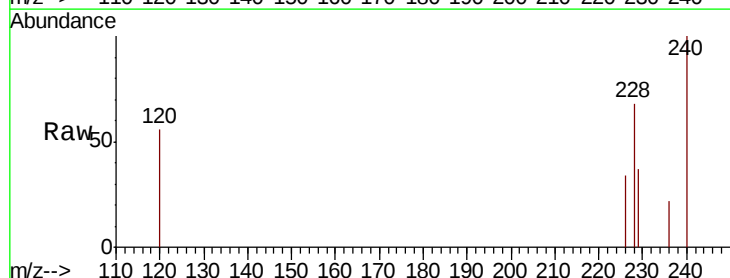
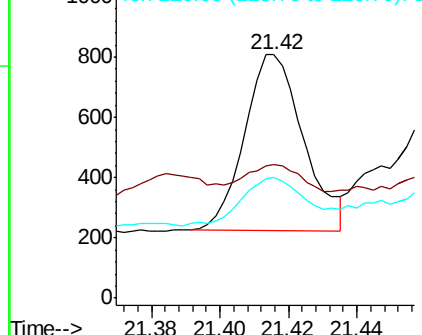
Acq: 18 Feb 2021 13:38

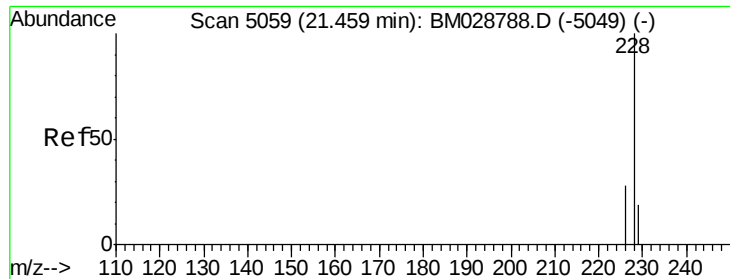
Tgt Ion:	228	Resp:	700
Ion Ratio	Lower	Upper	
228	100		
229	55.0	18.9	28.3#
226	49.8	22.6	34.0#

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





#19

Chrysene

Concen: 0.113 ng/ul

RT: 21.47 min Scan# 5062

Delta R.T. 0.01 min

Lab File: BM028794.D

Acq: 18 Feb 2021 13:38

Instrument :

BNA_M

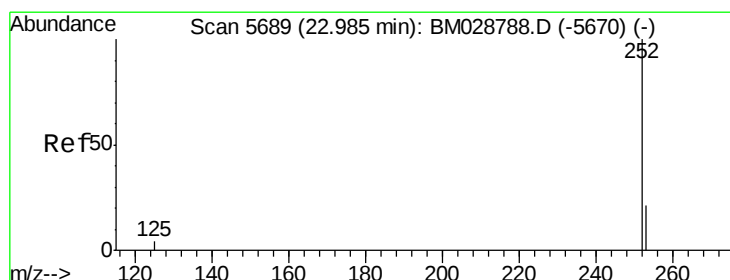
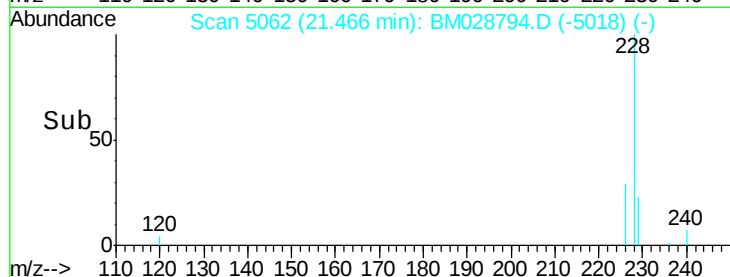
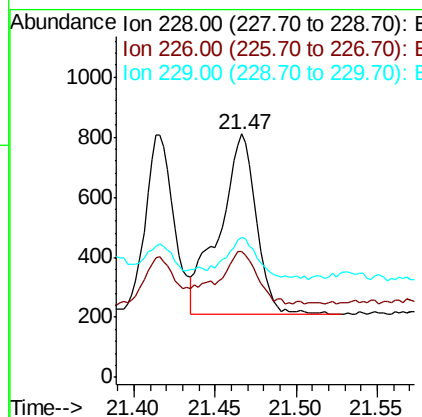
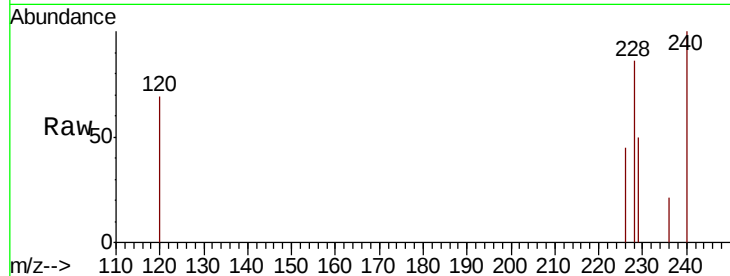
ClientSampleID :

DBGY8DL

Tot Ion:228	Resp:	954
Ion Ratio	Lower	Upper
228 100		
226 51.7	24.6	37.0#
229 57.3	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.101 ng/ul m

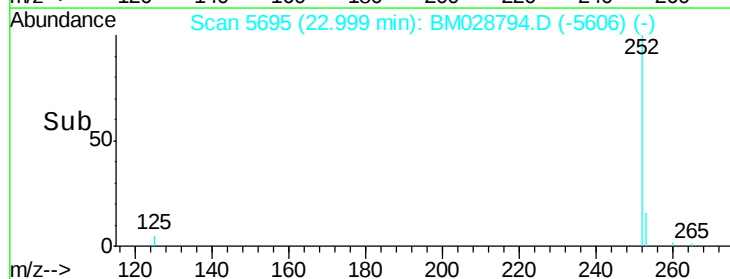
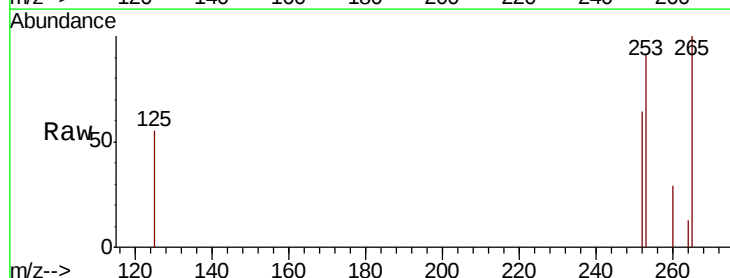
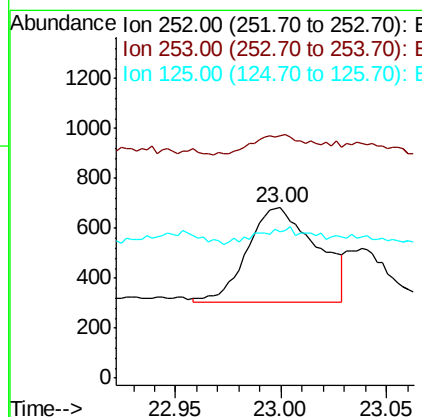
RT: 23.00 min Scan# 5695

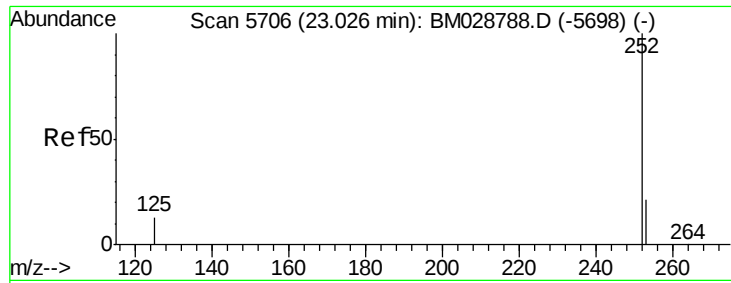
Delta R.T. 0.01 min

Lab File: BM028794.D

Acq: 18 Feb 2021 13:38

Tgt Ion:252	Resp:	854
Ion Ratio	Lower	Upper
252 100		
253 142.2	0.0	67.0#
125 86.2	0.0	57.4#





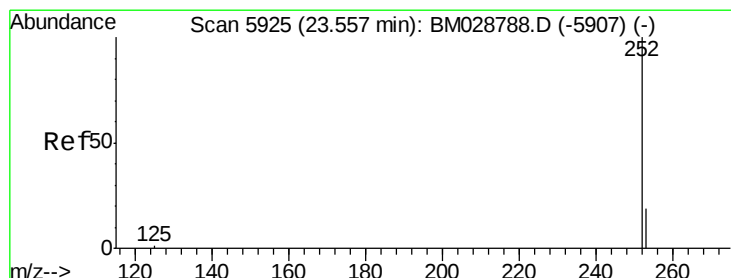
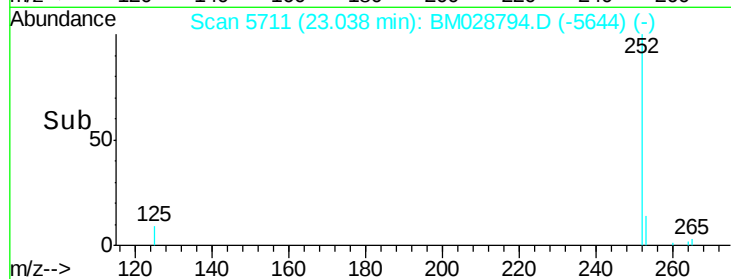
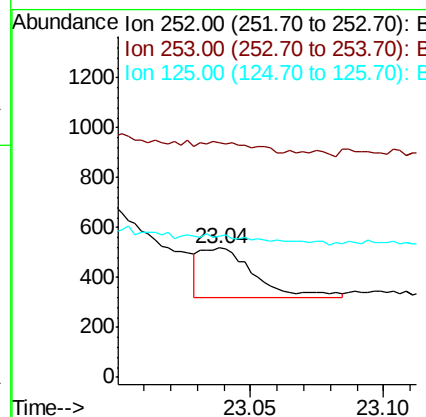
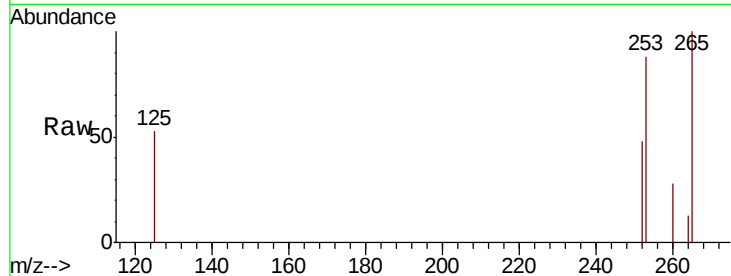
#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.04 min Scan# 5711
Delta R.T. 0.01 min
Lab File: BM028794.D
Acq: 18 Feb 2021 13:38

Instrument :
BNA_M
ClientSampleID :
DBGY8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	181.5	26.3	39.5#
125	109.1	22.9	34.3#

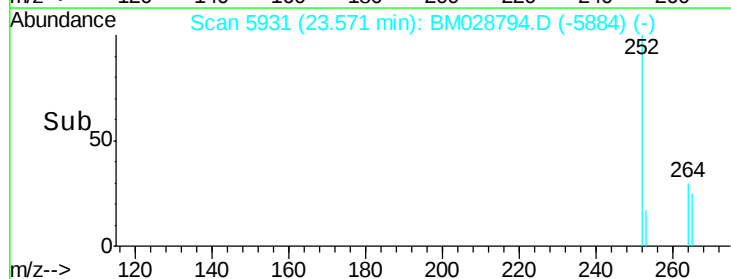
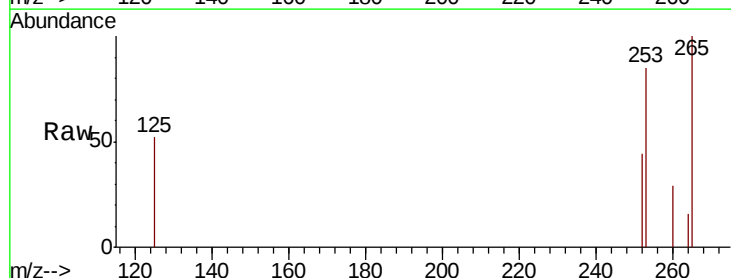
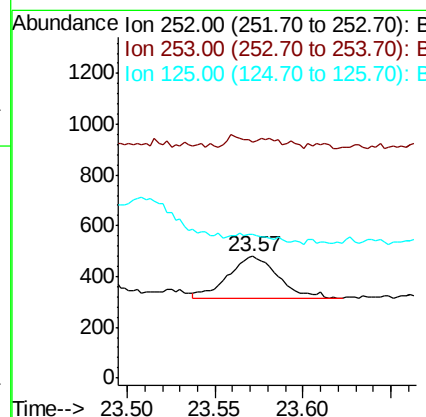
Manual Integrations
APPROVED

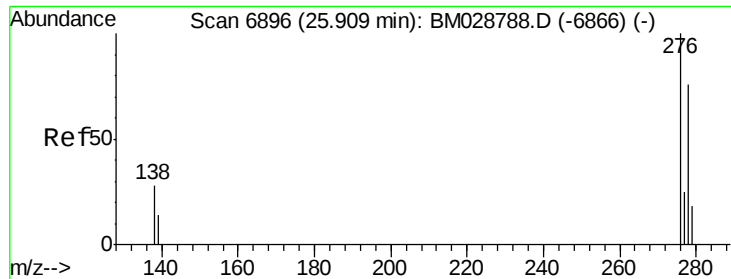
mohammad
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#23
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.57 min Scan# 5931
Delta R.T. 0.01 min
Lab File: BM028794.D
Acq: 18 Feb 2021 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	193.9	28.7	43.1#
125	118.4	27.9	41.9#





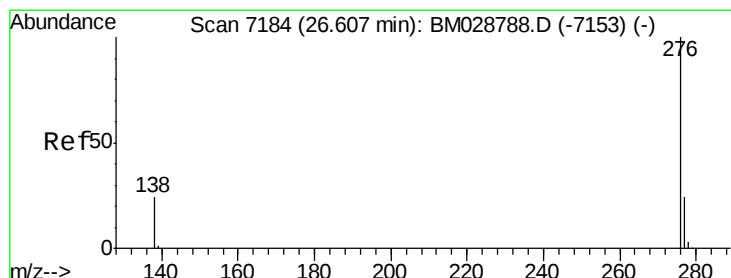
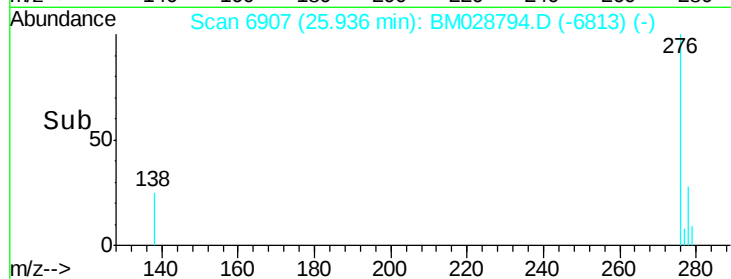
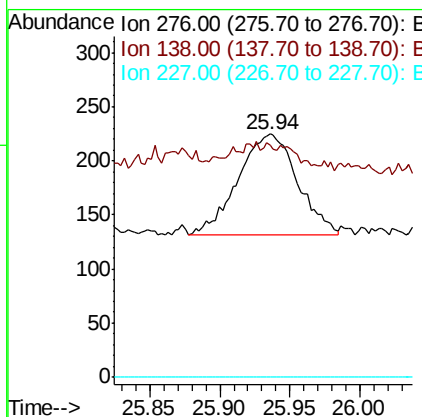
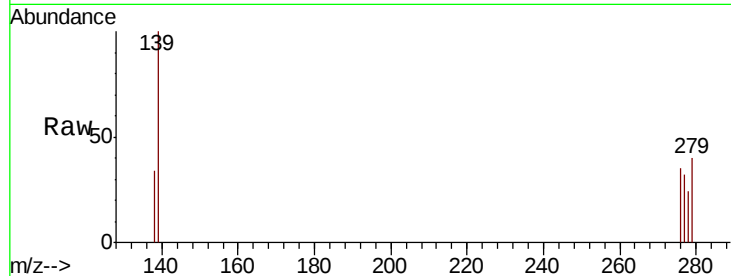
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng/ul
 RT: 25.94 min Scan# 6907
 Delta R.T. 0.03 min
 Lab File: BM028794.D
 Acq: 18 Feb 2021 13:38

Instrument :
 BNA_M
 ClientSampleID :
 DBGY8DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	275		
138	22.5	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

Manual Integrations
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#26
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 26.63 min Scan# 7194
 Delta R.T. 0.02 min
 Lab File: BM028794.D
 Acq: 18 Feb 2021 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	264		
138	97.2	25.4	38.2	#
277	90.6	25.3	37.9	#

