

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
 Data File : BM029195.D
 Acq On : 23 Mar 2021 11:59
 Operator : CG/JU
 Sample : M1344-01
 Misc : SFAM-SIM-MDL-W-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Manual Integrations
 APPROVED

mohammad
 3/24/2021 11:09:54 AM

Quant Time: Mar 23 12:34:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 12:33:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1926	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	6078	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	3044	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	6102	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	5751	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	6030	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	895	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.14	152	2542	0.28	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	4496	0.30	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.33	88	123m	0.068	ng/ul	
5) Naphthalene	10.59	128	1239	0.069	ng/ul#	88
7) 2-Methylnaphthalene	12.21	142	811	0.069	ng/ul	100
8) 1-Methylnaphthalene	12.43	142	746	0.066	ng/ul	97
10) Acenaphthylene	14.11	152	864	0.065	ng/ul#	87
11) Acenaphthene	14.45	153	786	0.068	ng/ul	97
12) Fluorene	15.44	166	851	0.066	ng/ul#	97
14) Pentachlorophenol	16.78	266	102	0.063	ng/ul	99
15) Phenanthrene	17.17	178	1377	0.070	ng/ul#	89
16) Anthracene	17.26	178	1132	0.068	ng/ul#	91
19) Fluoranthene	19.18	202	1458	0.075	ng/ul#	87
20) Pyrene	19.54	202	1454	0.075	ng/ul#	90
21) Benzo(a)anthracene	21.28	228	1214	0.071	ng/ul	94
22) Chrysene	21.33	228	1452	0.074	ng/ul	96
24) Benzo(b)fluoranthene	22.85	252	1607	0.074	ng/ul#	54
25) Benzo(k)fluoranthene	22.90	252	1604	0.070	ng/ul#	61
26) Benzo(a)pyrene	23.43	252	1262	0.071	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	25.78	276	1849	0.066	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.79	278	1535	0.065	ng/ul#	69
29) Benzo(a,h,i)perylene	26.47	276	1527	0.068	ng/ul#	79

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

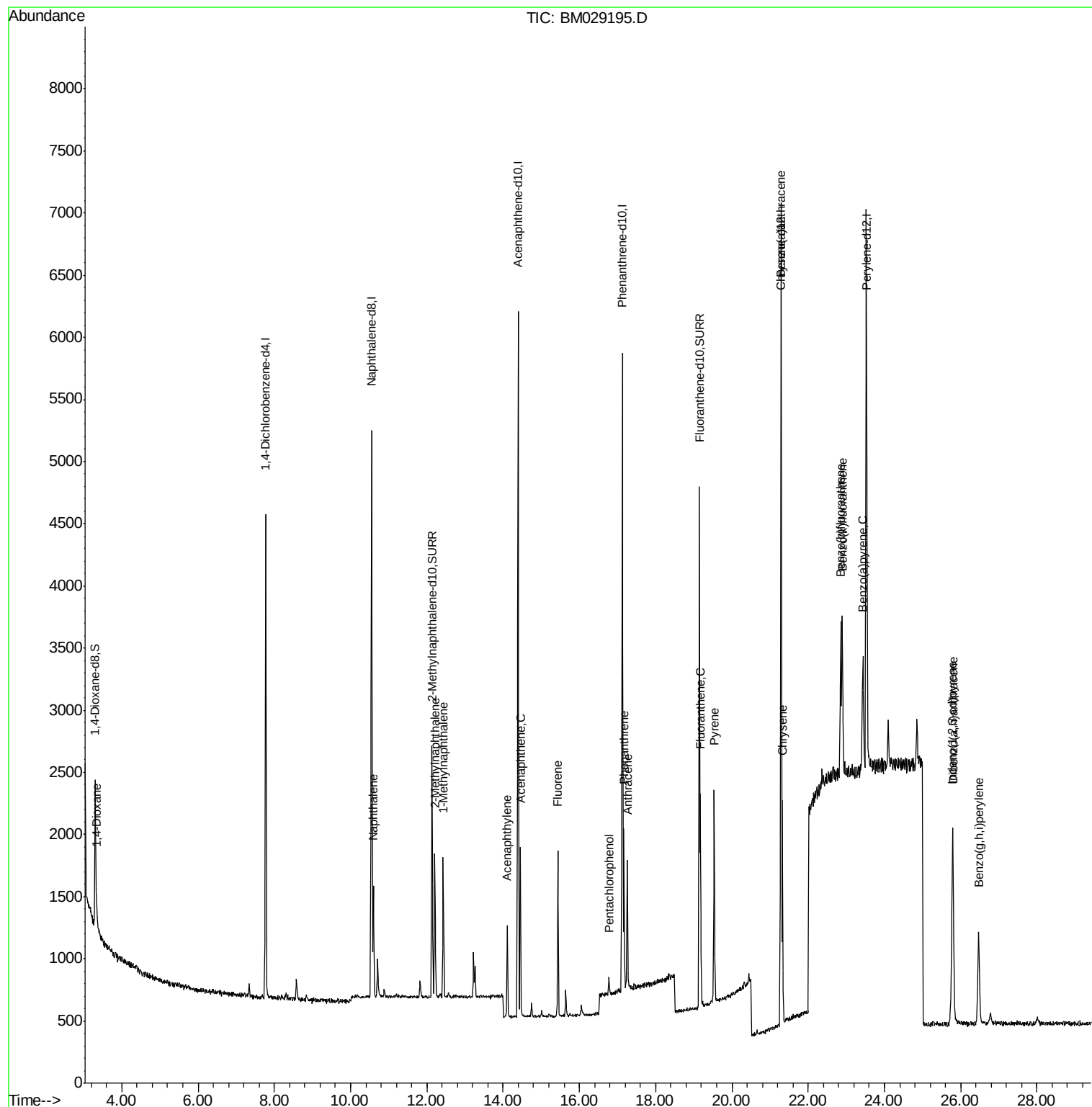
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029195.D
Acq On : 23 Mar 2021 11:59
Operator : CG/JU
Sample : M1344-01
Misc : SFAM-SIM-MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

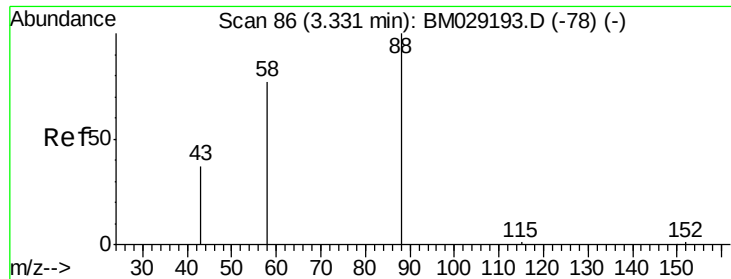
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations
APPROVED

mohammad
3/24/2021 11:09:54 AM

Quant Time: Mar 23 12:34:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 12:33:23 2021
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.068 ng/ul m

RT: 3.33 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Instrument :

BNA_M

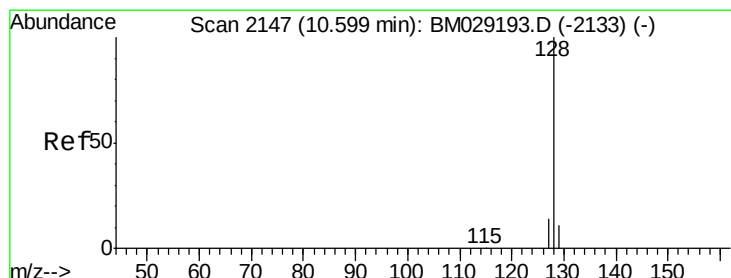
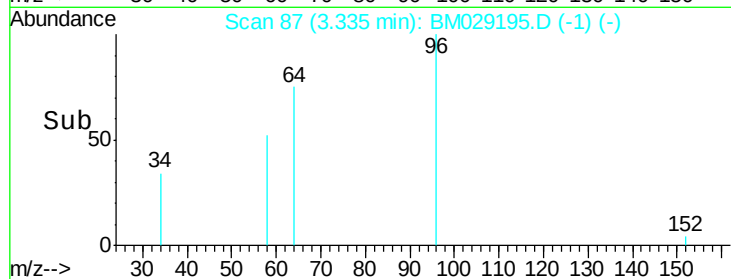
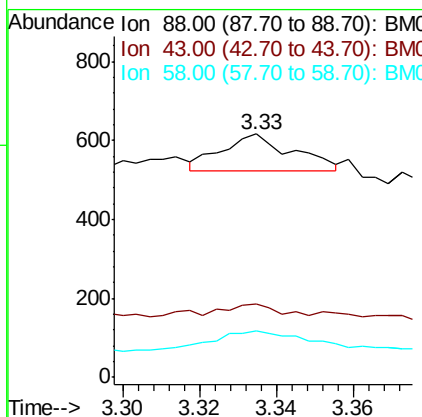
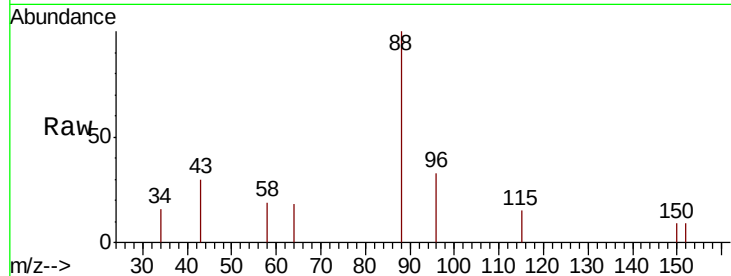
ClientSampleId :

MDL-WATER-QT2-2021-03

Tot Ion:	88	Resp:	123
Ion	Ratio	Lower	Upper
88	100		
43	30.0	26.1	39.1
58	19.1	33.8	50.6#

Manual Integrations
APPROVED

mohammad
3/24/2021 11:09:54 AM



#5

Naphthalene

Concen: 0.069 ng/ul

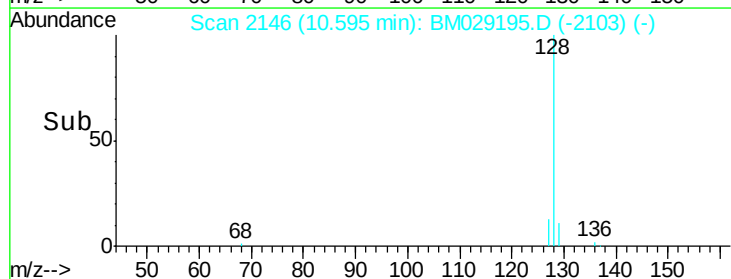
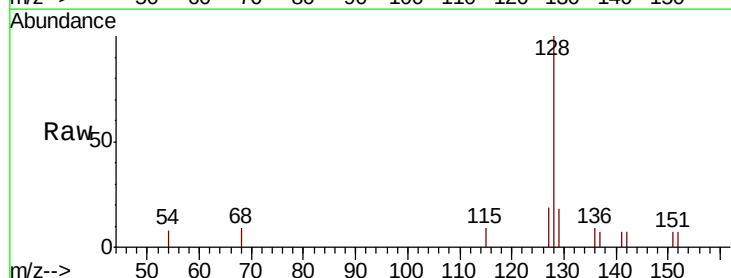
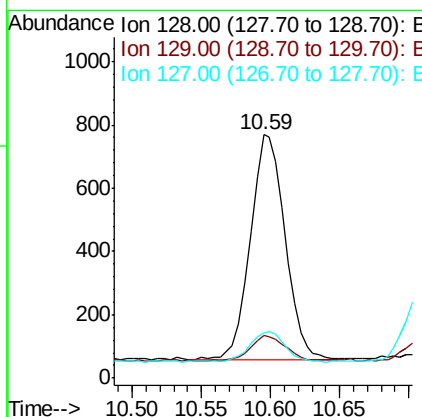
RT: 10.59 min Scan# 2146

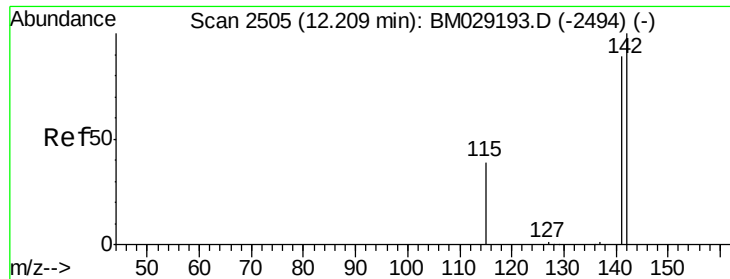
Delta R.T. -0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Tgt Ion:	128	Resp:	1239
Ion	Ratio	Lower	Upper
128	100		
129	17.6	9.5	14.3#
127	18.7	11.8	17.8#





#7

2-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.21 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2021-03

Tot Ion:142 Resp: 811

Ion Ratio Lower Upper

142 100

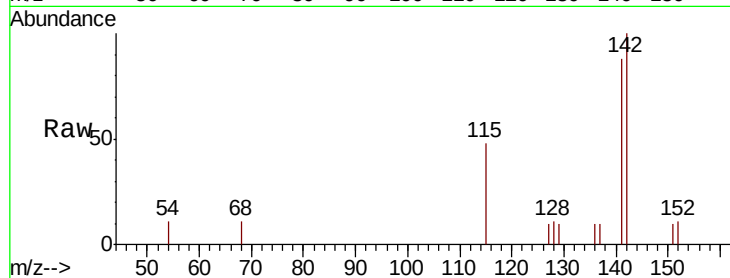
141 89.8 72.0 108.0

Manual Integrations

APPROVED

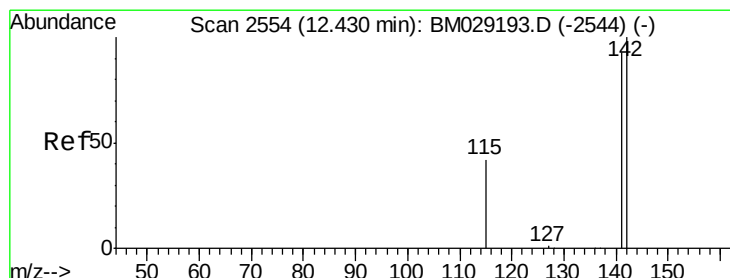
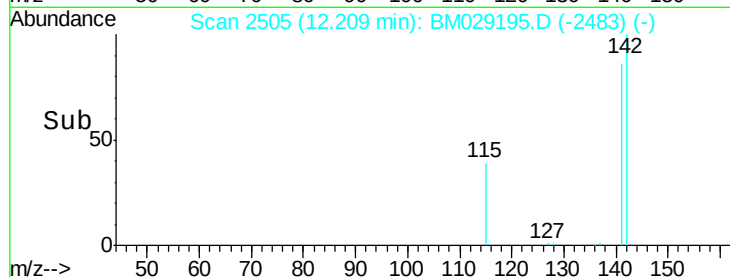
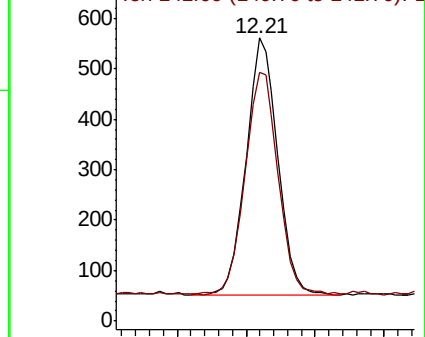
mohammad

3/24/2021 11:09:54 AM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 12.43 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BM029195.D

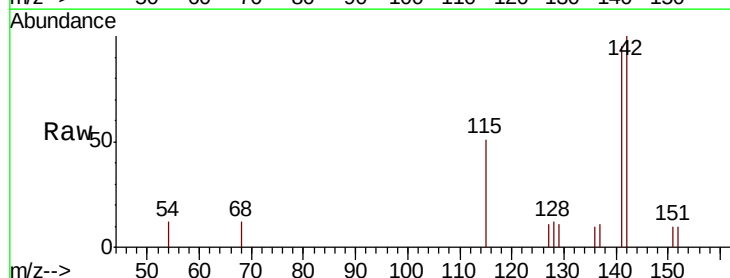
Acq: 23 Mar 2021 11:59

Tgt Ion:142 Resp: 746

Ion Ratio Lower Upper

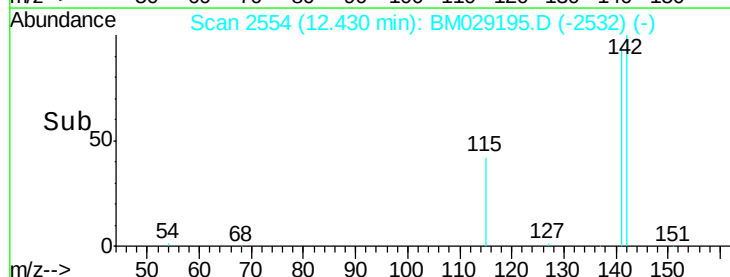
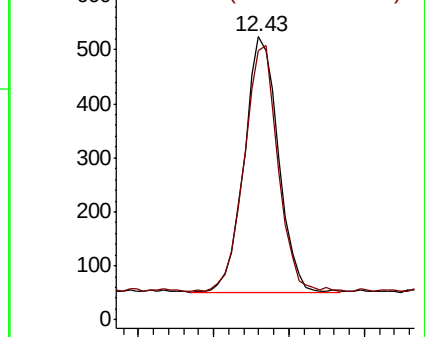
142 100

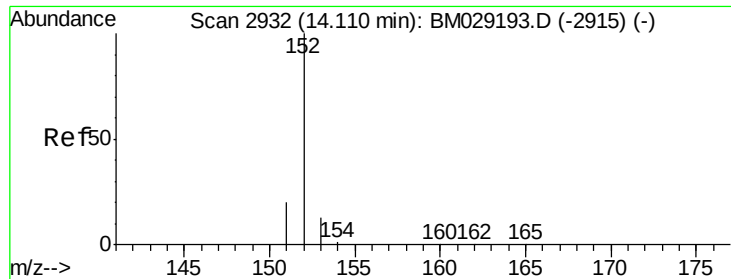
141 95.3 74.0 111.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





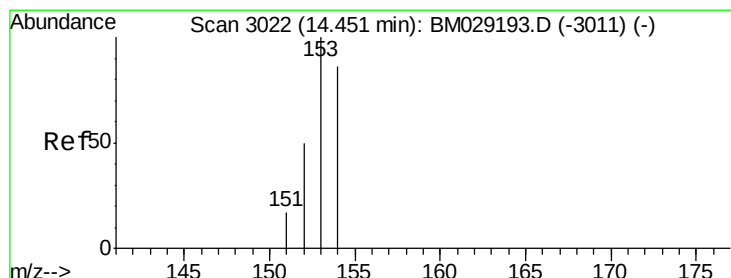
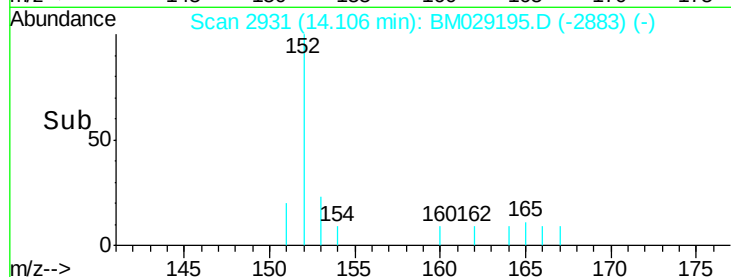
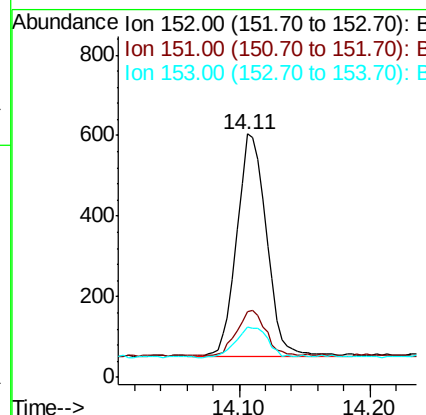
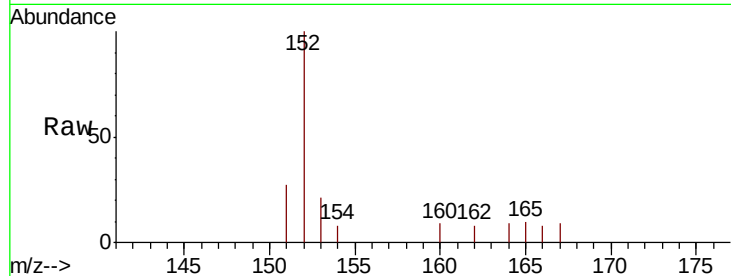
#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.11 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
152	100		
151	27.0	17.2	25.8#
153	20.5	11.1	16.7#

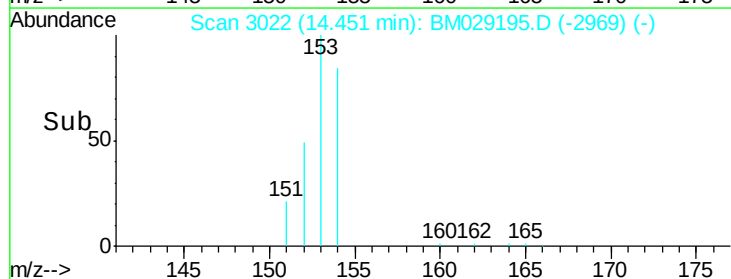
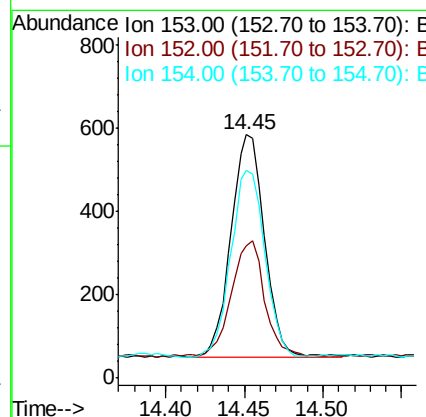
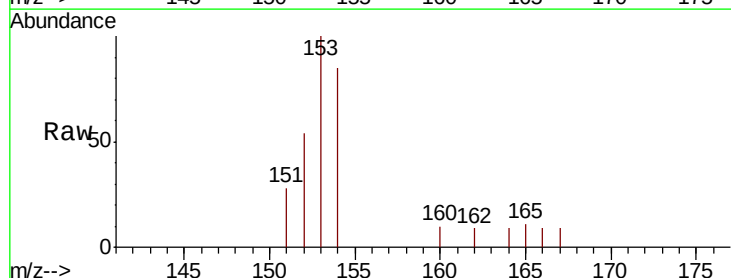
Manual Integrations
APPROVED

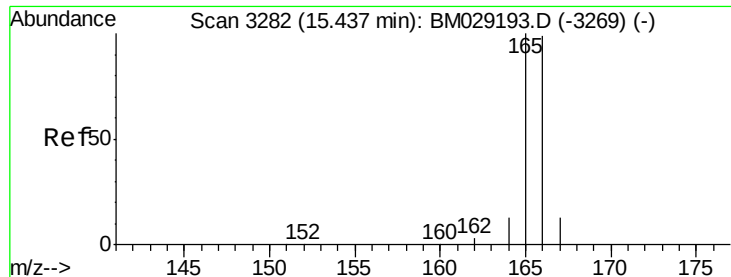
mohammad
3/24/2021 11:09:54 AM



#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.45 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.1	60.1
154	85.4	69.0	103.4





#12

Fluorene

Concen: 0.066 ng/ul

RT: 15.44 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Instrument :

BNA_M

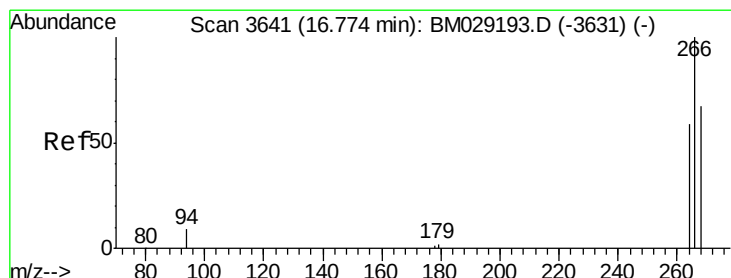
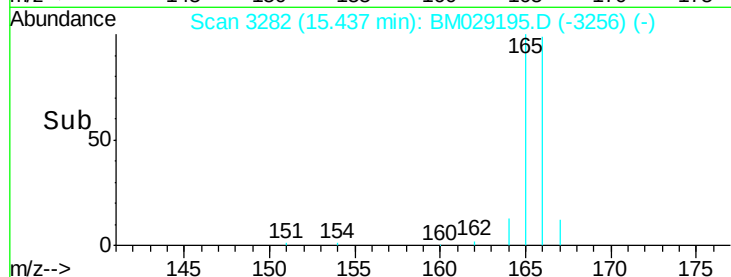
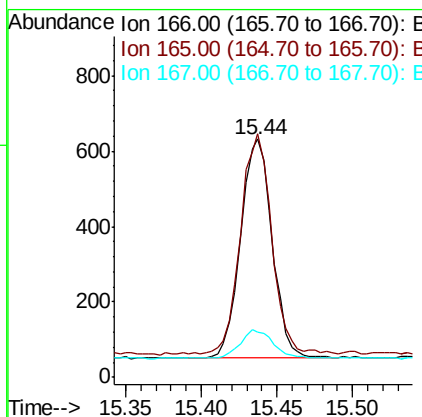
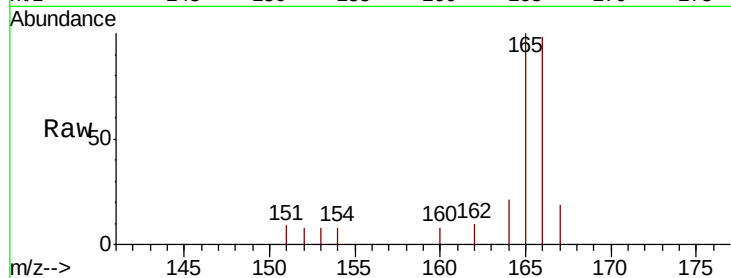
ClientSampleId :

MDL-WATER-QT2-2021-03

Tot Ion:	166	Resp:	851
Ion Ratio	Lower	Upper	
166	100		
165	102.4	80.6	120.8
167	19.0	12.0	18.0#

Manual Integrations
APPROVED

mohammad
3/24/2021 11:09:54 AM



#14

Pentachlorophenol

Concen: 0.063 ng/ul

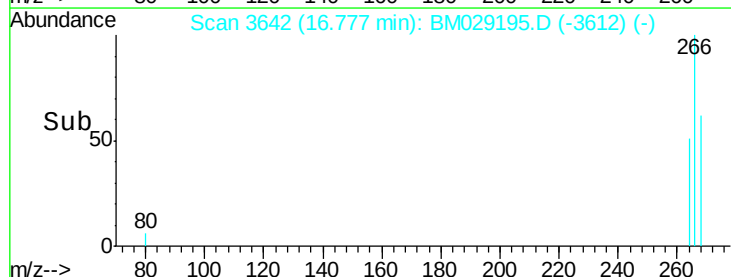
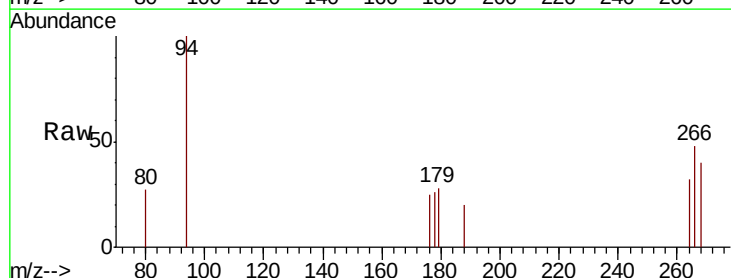
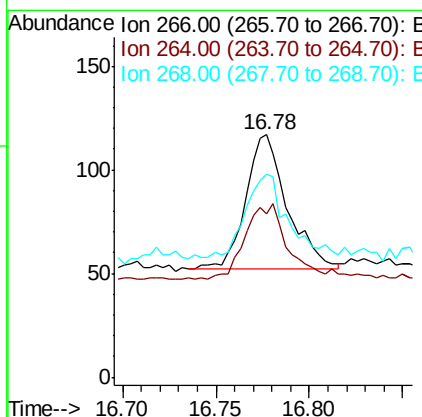
RT: 16.78 min Scan# 3642

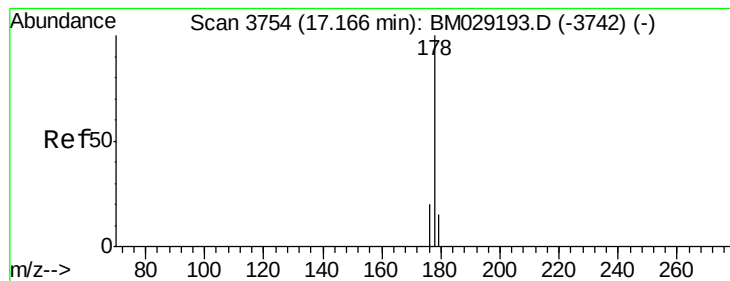
Delta R.T. 0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Tgt Ion:	266	Resp:	102
Ion Ratio	Lower	Upper	
266	100		
264	61.8	48.1	72.1
268	64.7	51.8	77.6





#15

Phenanthrene

Concen: 0.070 ng/ul

RT: 17.17 min Scan# 3754

Delta R.T. 0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Instrument :

BNA_M

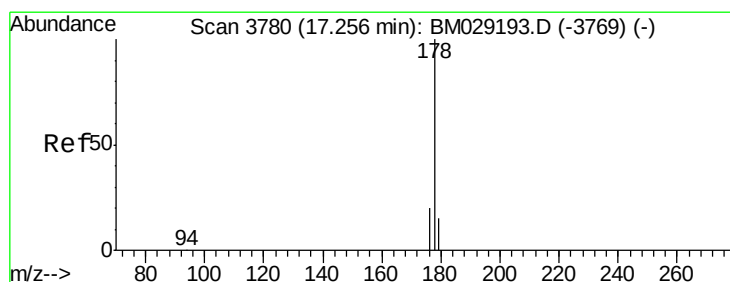
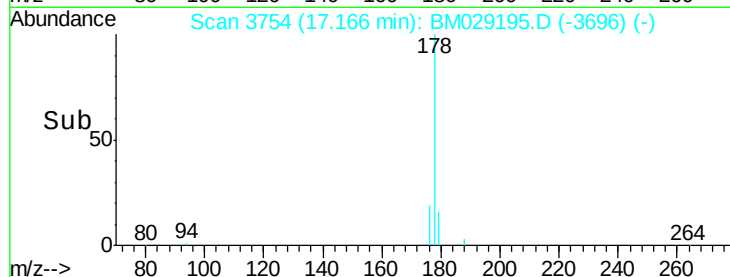
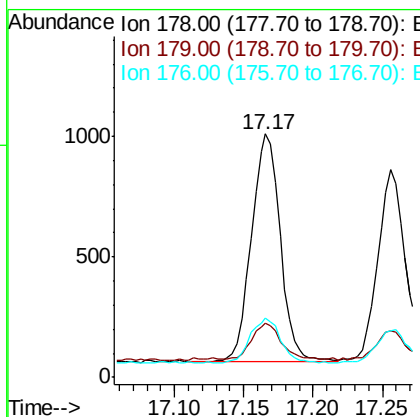
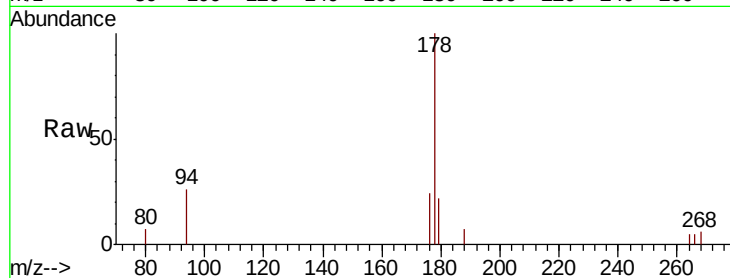
ClientSampleId :

MDL-WATER-QT2-2021-03

Tot Ion:178	Resp:	1377
Ion Ratio	Lower	Upper
178	100	
179	22.2	12.9 19.3#
176	24.3	16.5 24.7

Manual Integrations
APPROVED

mohammad
3/24/2021 11:09:54 AM



#16

Anthracene

Concen: 0.068 ng/ul

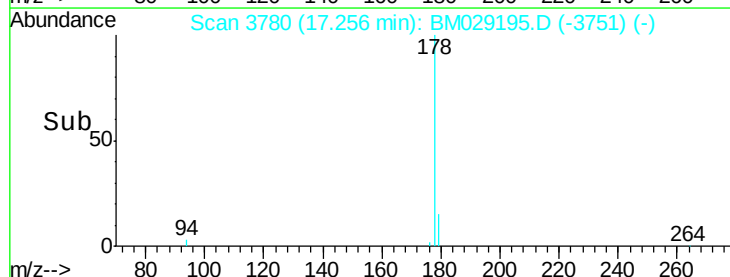
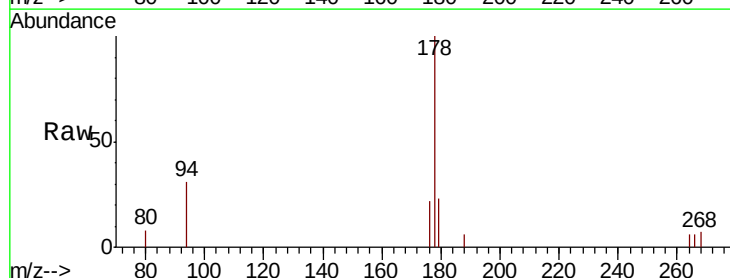
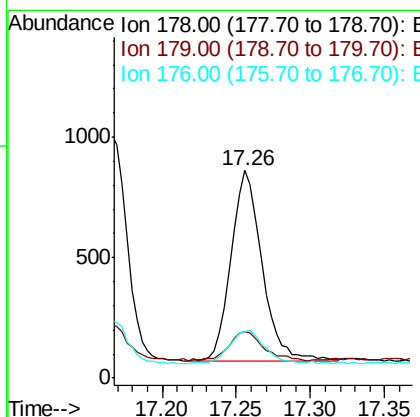
RT: 17.26 min Scan# 3780

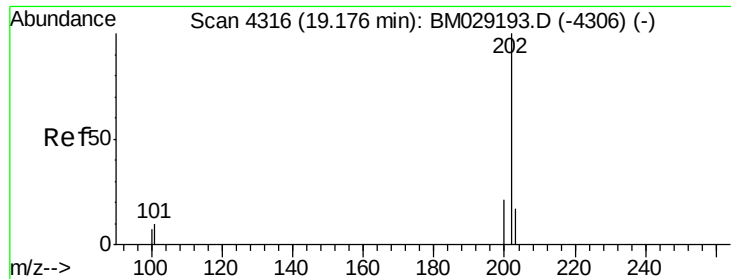
Delta R.T. 0.00 min

Lab File: BM029195.D

Acq: 23 Mar 2021 11:59

Tgt Ion:178	Resp:	1132
Ion Ratio	Lower	Upper
178	100	
179	22.5	13.1 19.7#
176	22.3	16.2 24.2





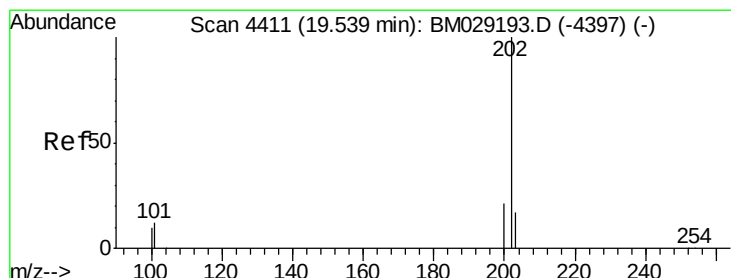
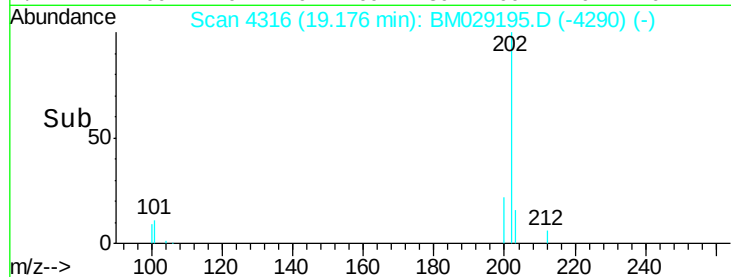
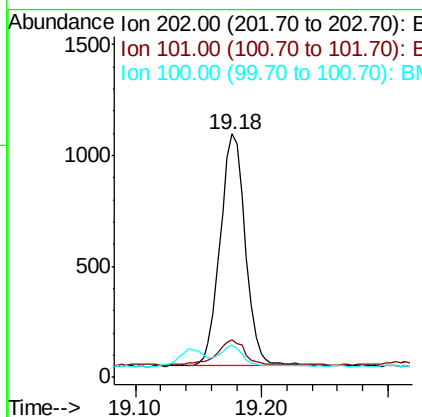
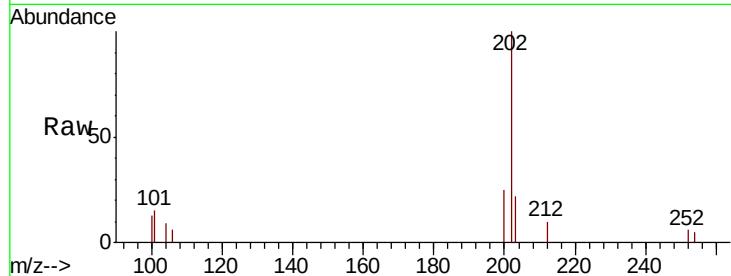
#19
Fluoranthene
Concen: 0.075 ng/ul
RT: 19.18 min Scan# 4316
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1458		
101	15.4		8.7	13.1#
100	13.4		6.9	10.3#

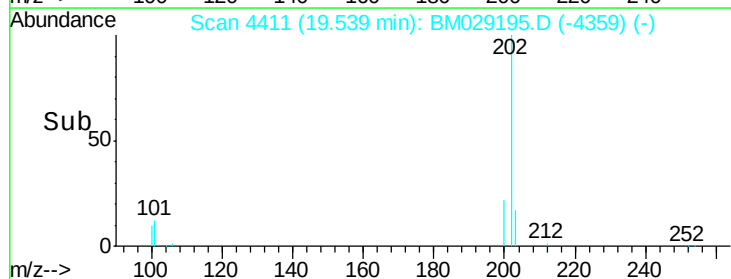
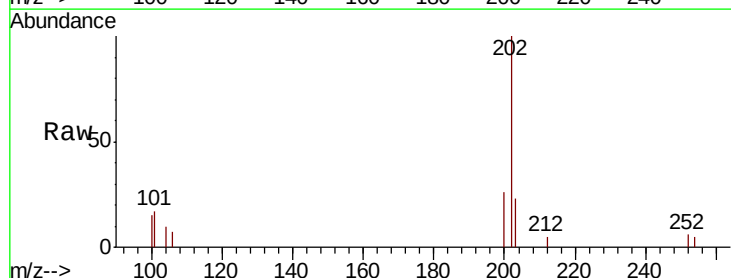
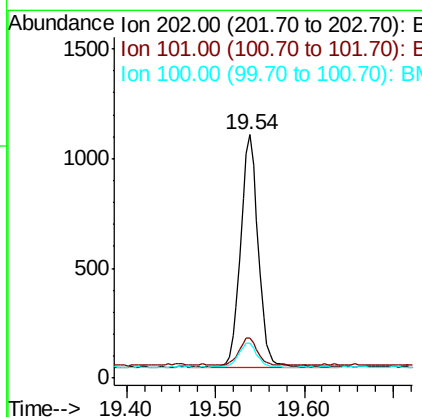
Manual Integrations
APPROVED

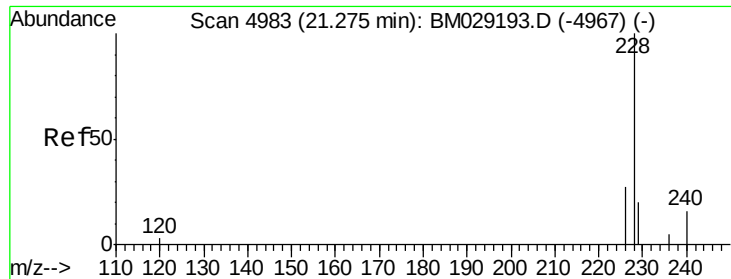
mohammad
3/24/2021 11:09:54 AM



#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.54 min Scan# 4411
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1454		
101	16.6		10.2	15.4#
100	14.5		8.5	12.7#





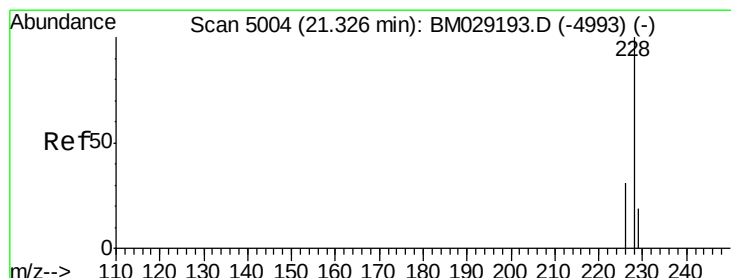
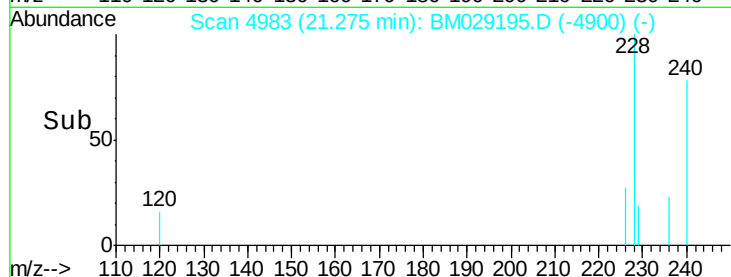
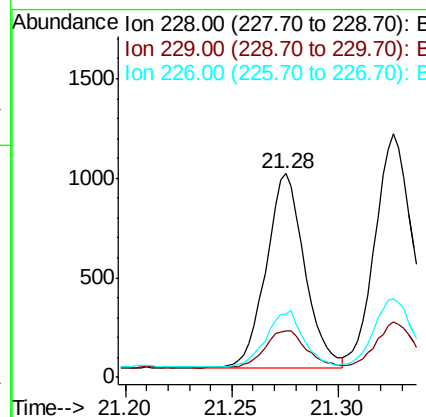
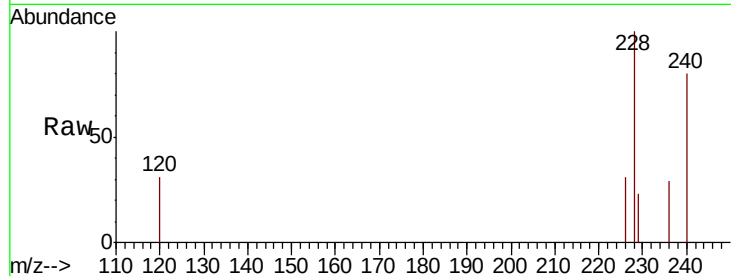
#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.28 min Scan# 4983
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.2	24.2
226	30.9	22.2	33.2

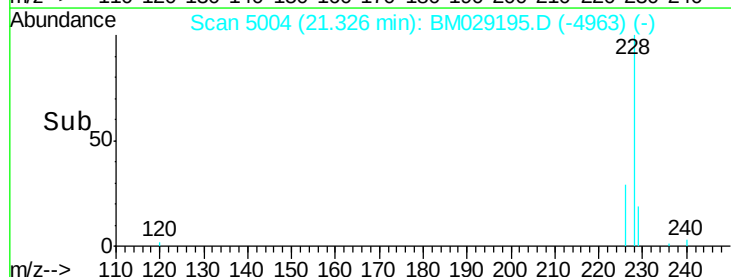
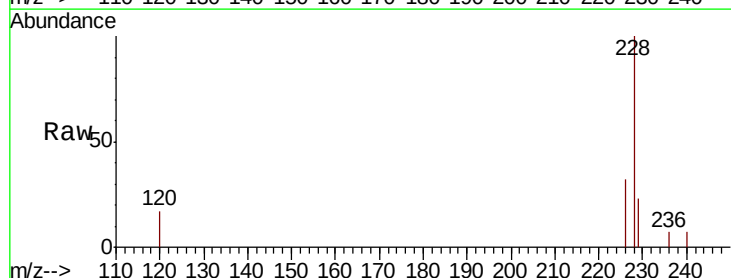
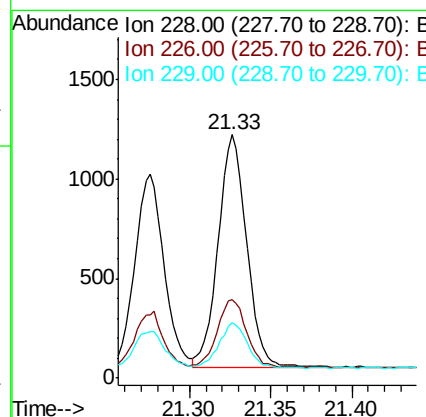
Manual Integrations
APPROVED

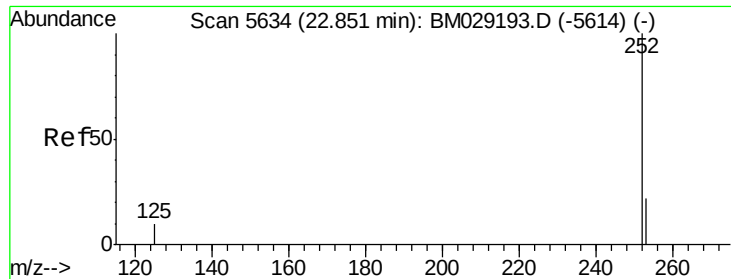
mohammad
3/24/2021 11:09:54 AM



#22
Chrysene
Concen: 0.074 ng/ul
RT: 21.33 min Scan# 5004
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.4
229	22.9	16.0	24.0





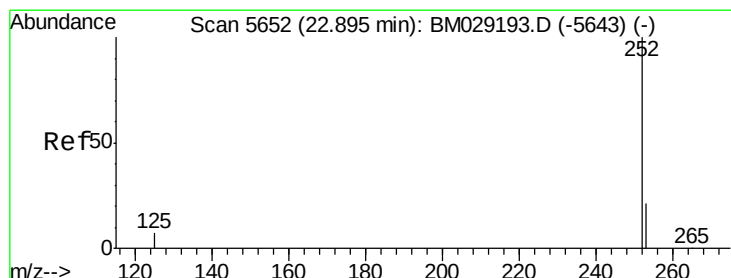
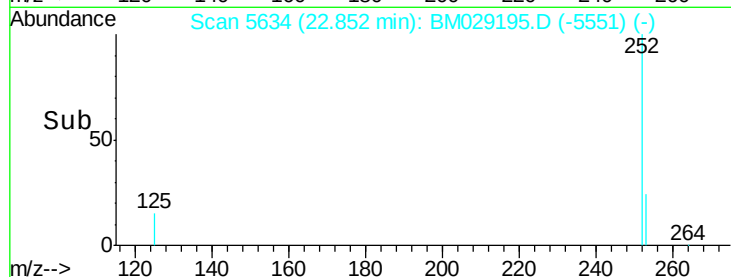
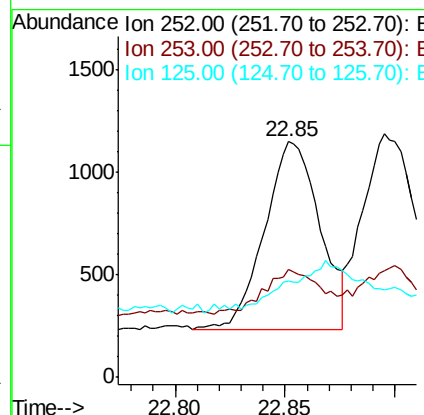
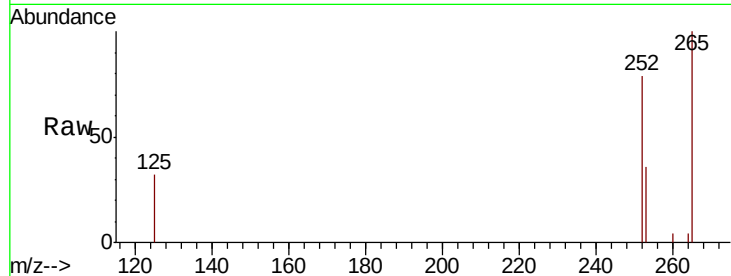
#24
Benzo(b)fluoranthene
Concen: 0.074 ng/ul
RT: 22.85 min Scan# 5634
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.7	0.0	52.4
125	40.8	0.0	31.0

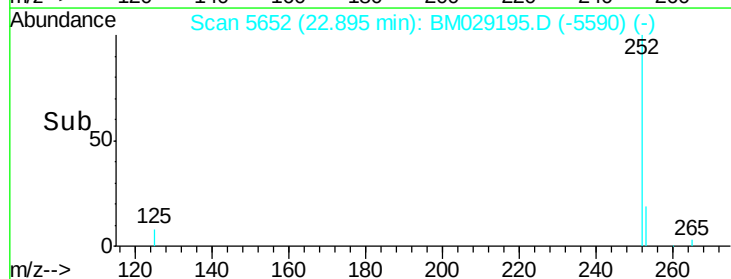
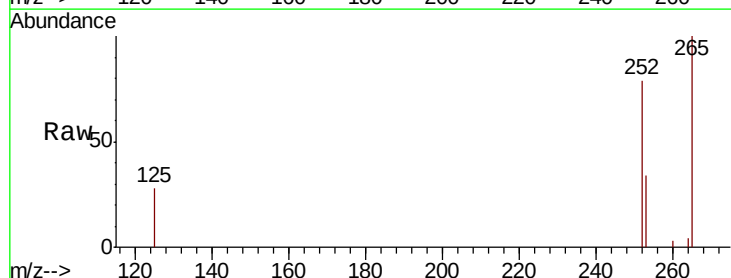
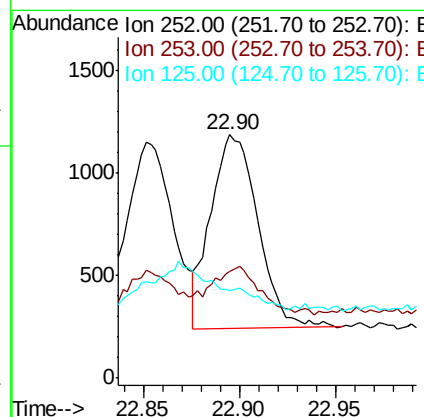
Manual Integrations
APPROVED

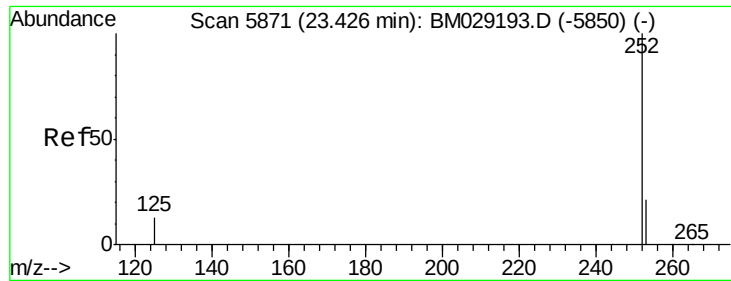
mohammad
3/24/2021 11:09:54 AM



#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul
RT: 22.90 min Scan# 5652
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.5	21.1	31.7
125	35.9	12.6	19.0





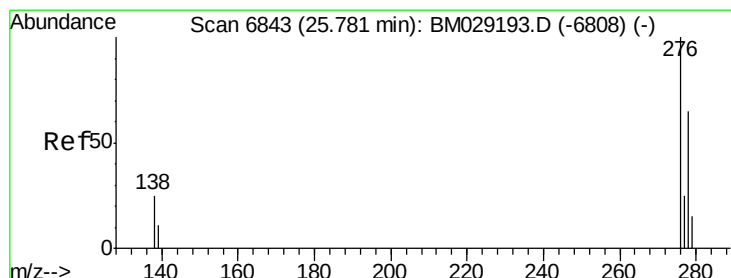
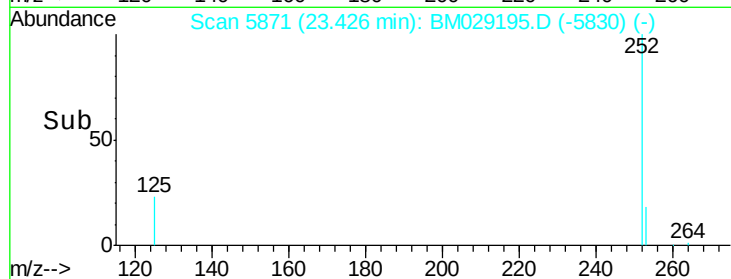
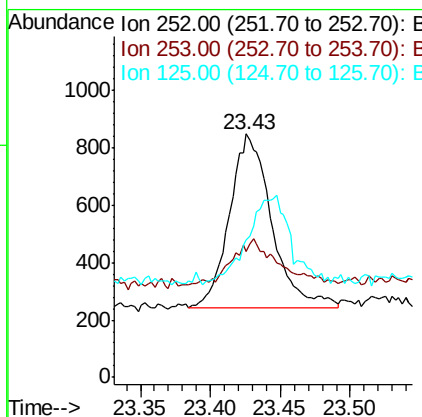
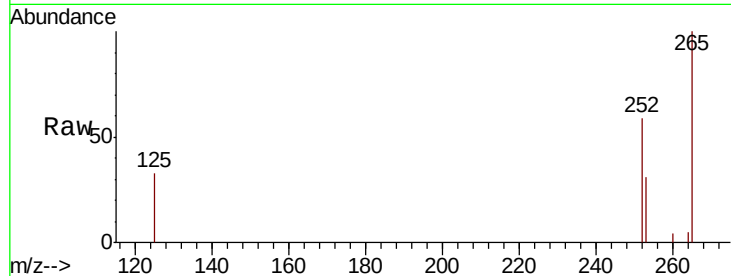
#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.43 min Scan# 5871
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.9	22.6	33.8#
125	56.6	16.4	24.6#

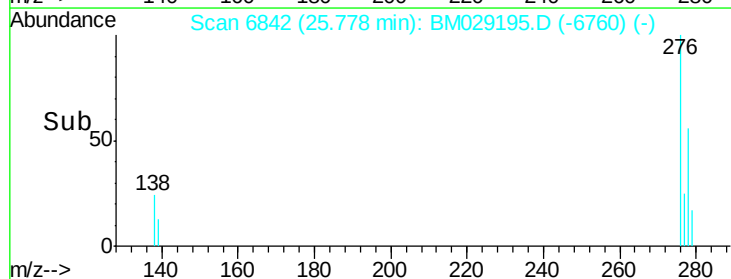
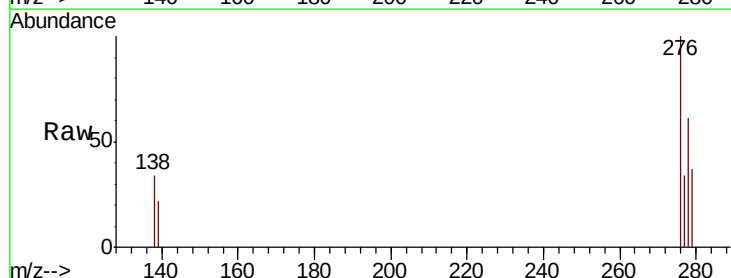
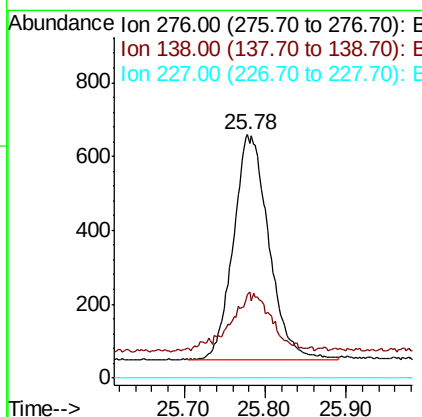
Manual Integrations
APPROVED

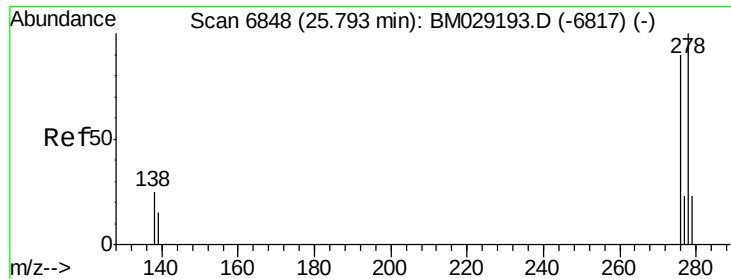
mohammad
3/24/2021 11:09:54 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 25.78 min Scan# 6842
Delta R.T. -0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
227	0.0	0.0	0.0





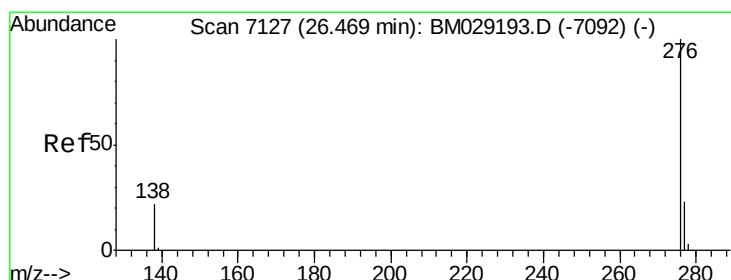
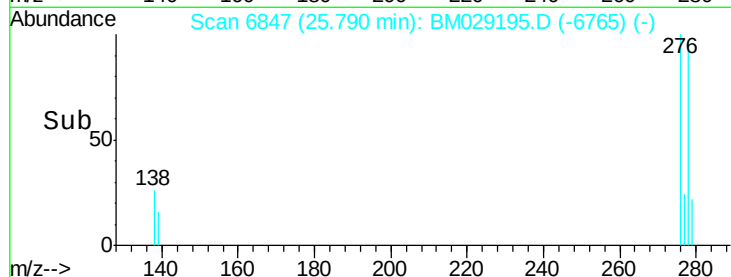
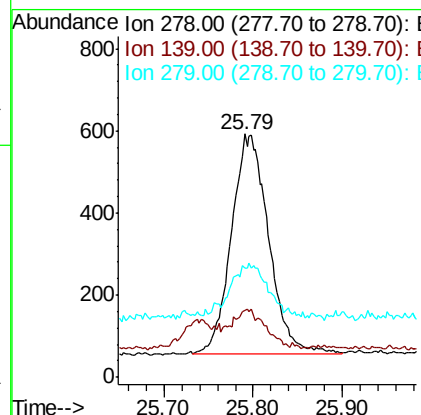
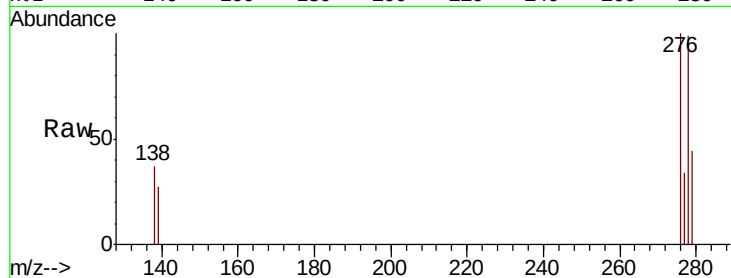
#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.79 min Scan# 6847
Delta R.T. -0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.3	13.6	20.4#
279	44.7	21.2	31.8#

Manual Integrations
APPROVED

mohammad
3/24/2021 11:09:54 AM



#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 26.47 min Scan# 7127
Delta R.T. 0.00 min
Lab File: BM029195.D
Acq: 23 Mar 2021 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	19.3	28.9#
277	35.9	19.8	29.8#

