

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
 Data File : BM029197.D
 Acq On : 23 Mar 2021 17:02
 Operator : CG/JU
 Sample : M1344-03
 Misc : SFAM-SIM-MDL-S-01
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 3/24/2021 11:09:57 AM

Quant Time: Mar 23 17:36:22 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 13:46:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1440	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	4539	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	2338	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	4784	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	4739	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	5150	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	684	0.56	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.14	152	1926	0.29	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	3618	0.30	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.33	88	104m	0.077	ng/ul	
5) Naphthalene	10.60	128	980	0.073	ng/ul#	88
7) 2-Methylnaphthalene	12.21	142	617	0.070	ng/ul	99
8) 1-Methylnaphthalene	12.43	142	591	0.070	ng/ul	96
10) Acenaphthylene	14.11	152	690	0.067	ng/ul#	82
11) Acenaphthene	14.45	153	600	0.068	ng/ul	90
12) Fluorene	15.44	166	677	0.068	ng/ul#	96
14) Pentachlorophenol	16.78	266	101	0.079	ng/ul	95
15) Phenanthrene	17.17	178	1111	0.073	ng/ul#	89
16) Anthracene	17.26	178	883	0.067	ng/ul#	80
19) Fluoranthene	19.18	202	1158	0.072	ng/ul#	84
20) Pyrene	19.53	202	1139	0.071	ng/ul#	85
21) Benzo(a)anthracene	21.28	228	1017m	0.072	ng/ul	
22) Chrysene	21.32	228	1180	0.073	ng/ul	96
24) Benzo(b)fluoranthene	22.85	252	1345	0.072	ng/ul#	50
25) Benzo(k)fluoranthene	22.89	252	1352	0.070	ng/ul#	53
26) Benzo(a)pyrene	23.43	252	1105	0.073	ng/ul#	12
27) Indeno(1,2,3-cd)pyrene	25.78	276	1647	0.069	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.79	278	1366	0.068	ng/ul#	66
29) Benzo(a,h,i)perylene	26.47	276	1355	0.070	ng/ul#	75

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

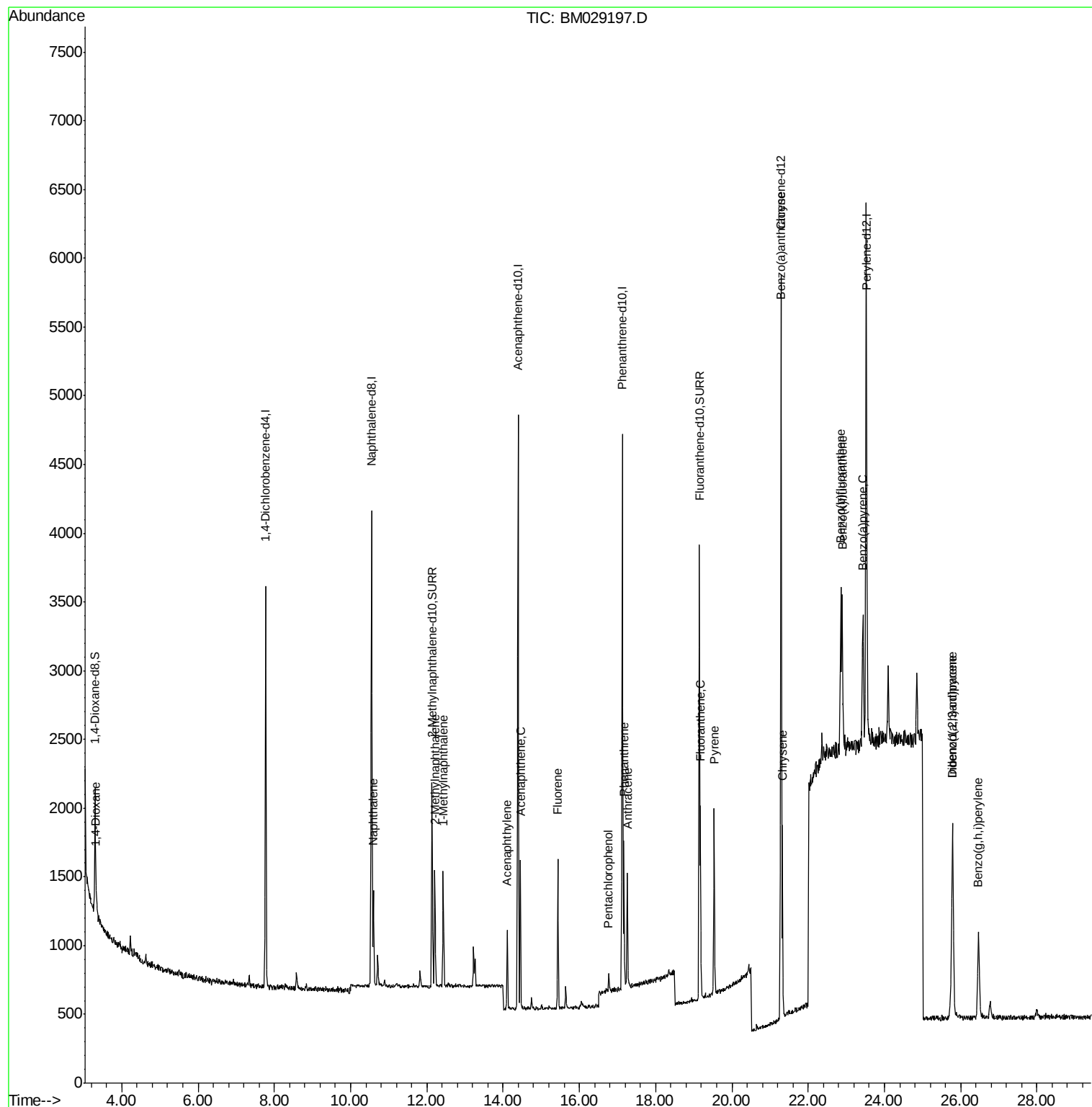
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029197.D
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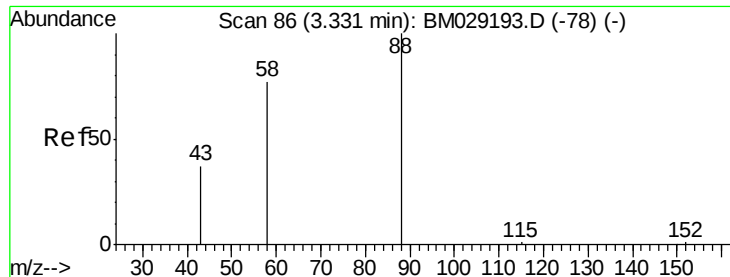
Instrument :
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MDL-SOIL-QT2-2021-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 13:46:09 2021
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.077 ng/ul m

RT: 3.33 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

Instrument :

BNA_M

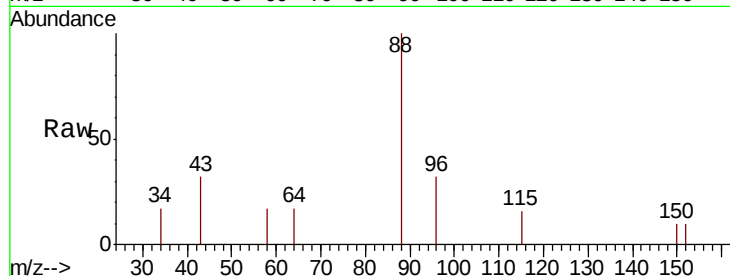
ClientSampleId :

MDL-SOIL-QT2-2021-03

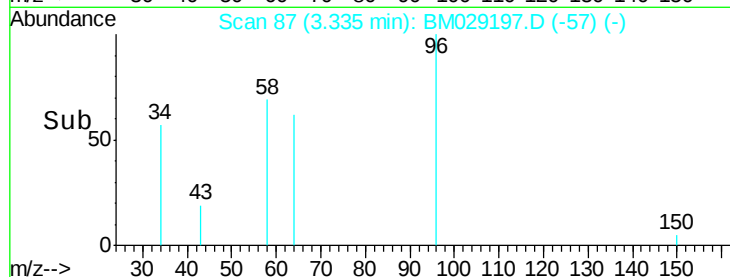
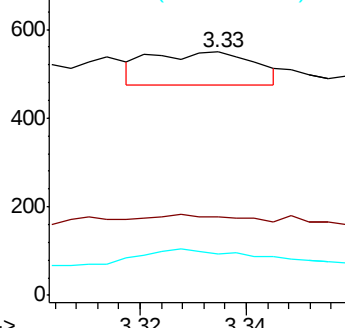
Tot Ion:	88	Resp:	104
Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.1	39.1
58	17.3	33.8	50.6#

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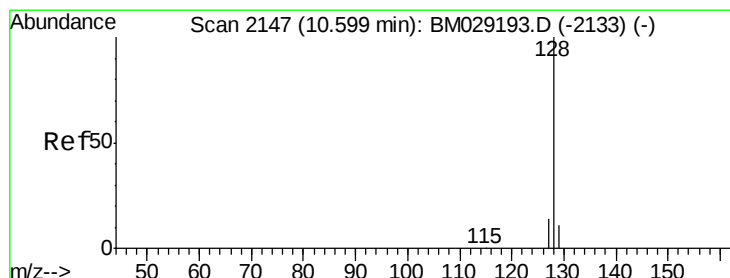
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Abundance Ion 88.00 (87.70 to 88.70): BM029193.D (-78) (-)



Time-->



#5

Naphthalene

Concen: 0.073 ng/ul

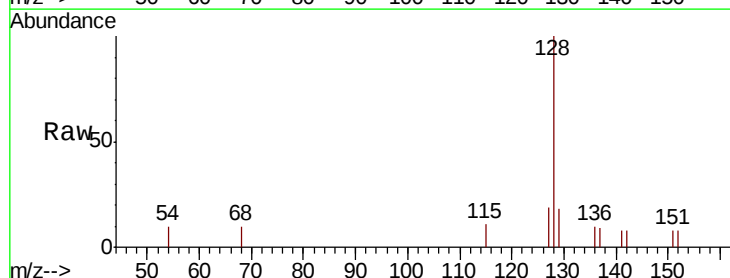
RT: 10.60 min Scan# 2147

Delta R.T. 0.00 min

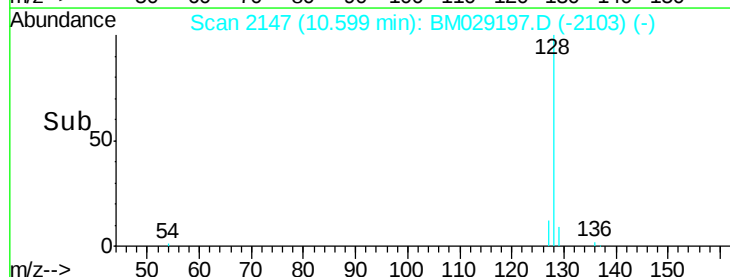
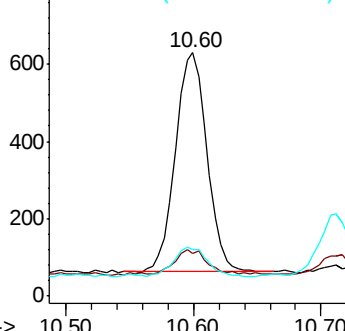
Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

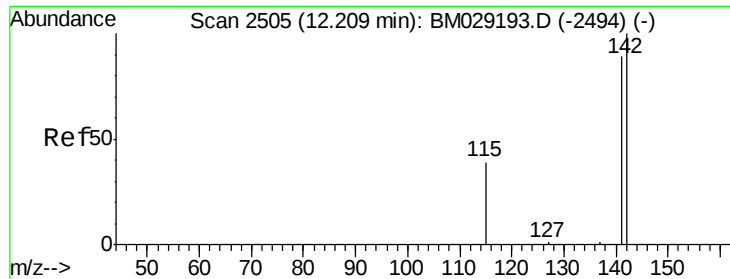
Tgt Ion:	128	Resp:	980
Ion	Ratio	Lower	Upper
128	100		
129	17.6	9.5	14.3#
127	19.2	11.8	17.8#



Abundance Ion 128.00 (127.70 to 128.70): BM029193.D (-2133) (-)



Time-->



#7

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.21 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2021-03

Tot Ion:142 Resp: 617

Ion Ratio Lower Upper

142 100

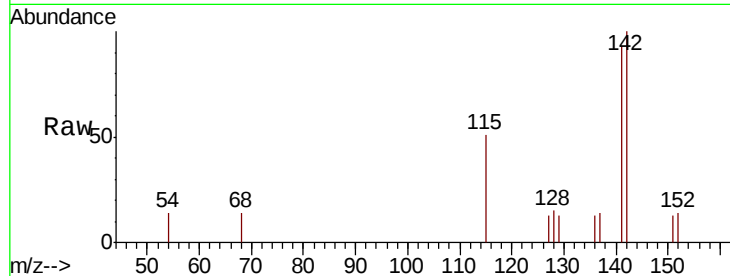
141 89.3 72.0 108.0

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.21

400

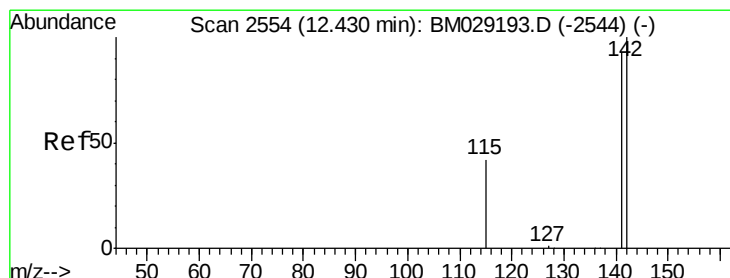
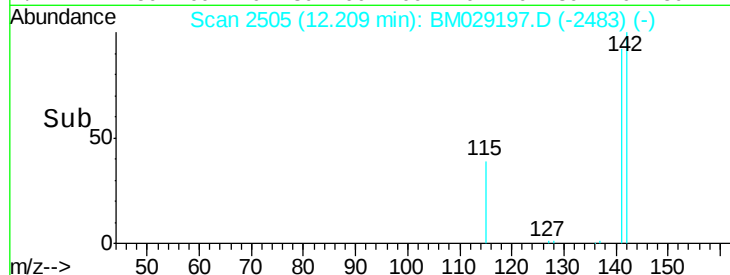
300

200

100

0

Time-->



#8

1-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.43 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BM029197.D

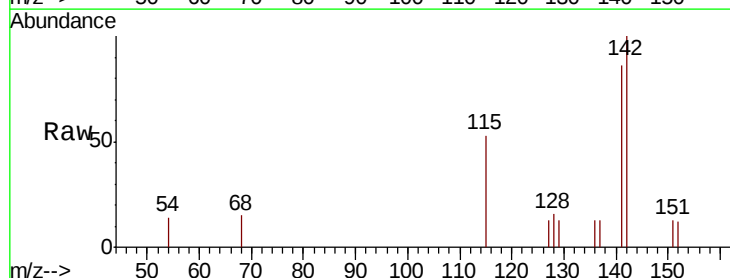
Acq: 23 Mar 2021 17:02

Tgt Ion:142 Resp: 591

Ion Ratio Lower Upper

142 100

141 88.3 74.0 111.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.43

400

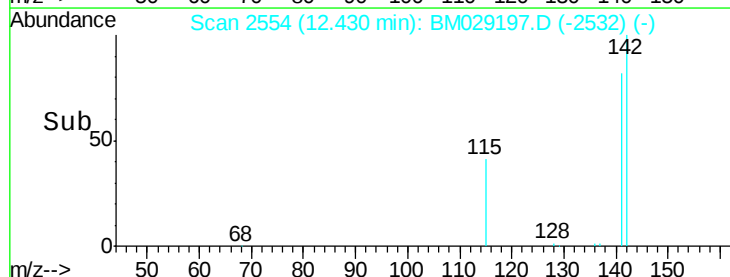
300

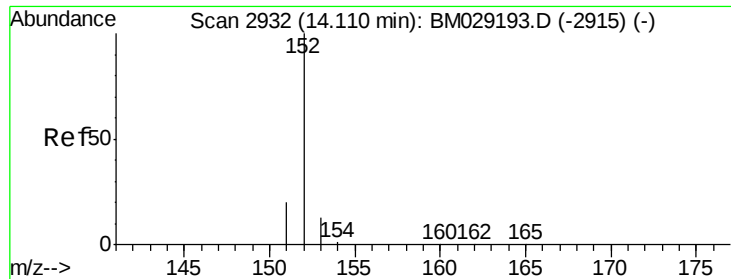
200

100

0

Time-->





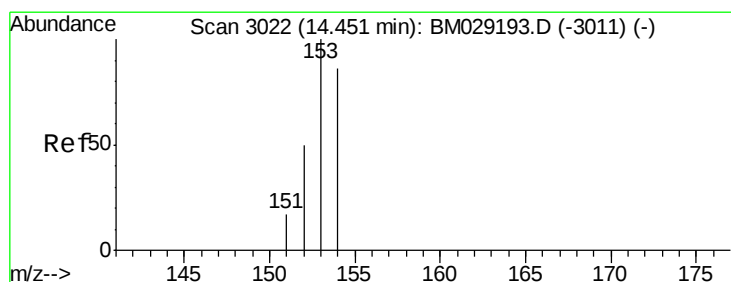
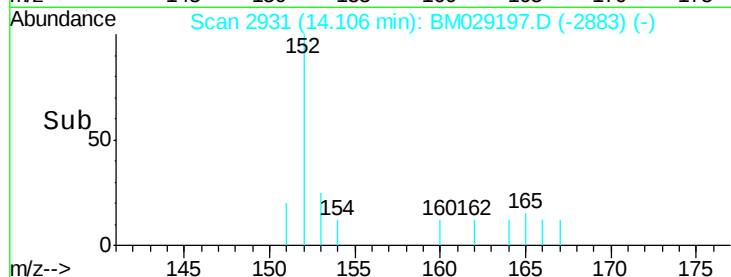
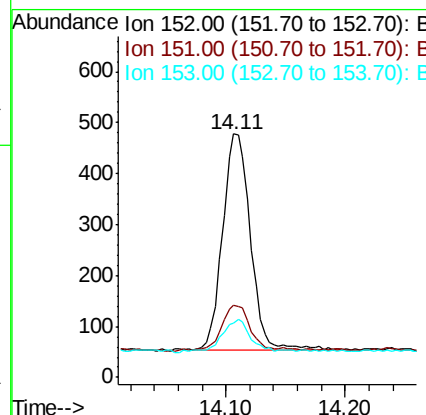
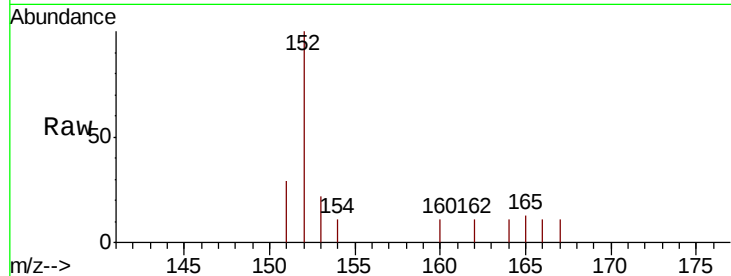
#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.11 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	29.5	17.2	25.8#
153	22.4	11.1	16.7#

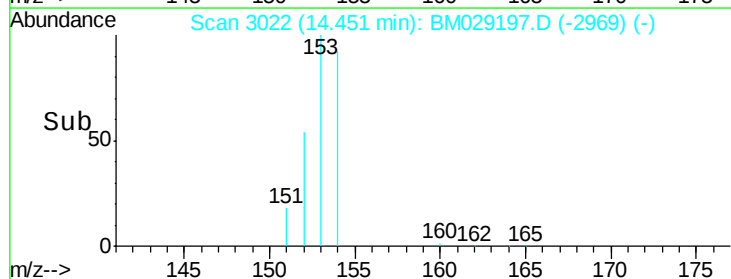
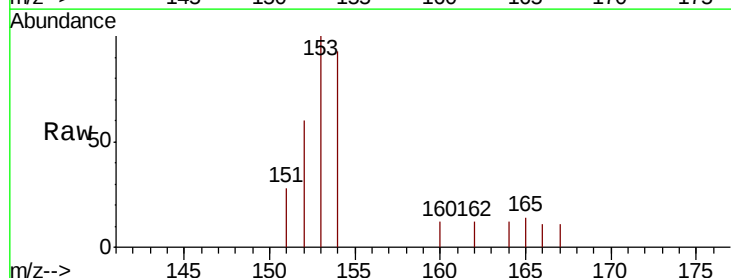
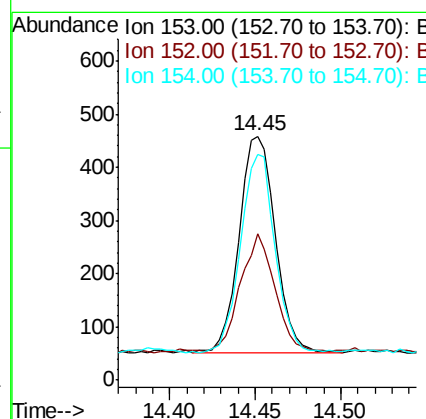
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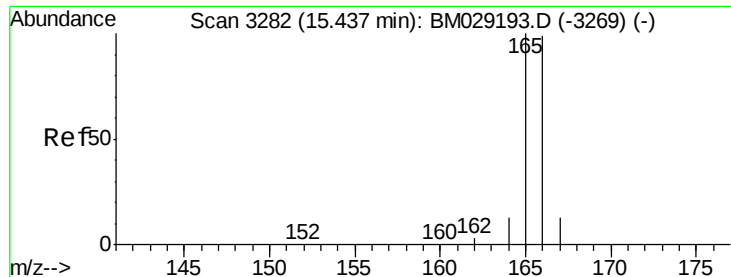
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#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.45 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	60.0	40.1	60.1
154	92.6	69.0	103.4





#12

Fluorene

Concen: 0.068 ng/ul

RT: 15.44 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

Instrument :

BNA_M

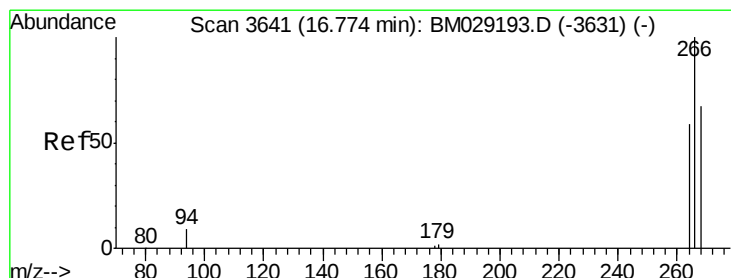
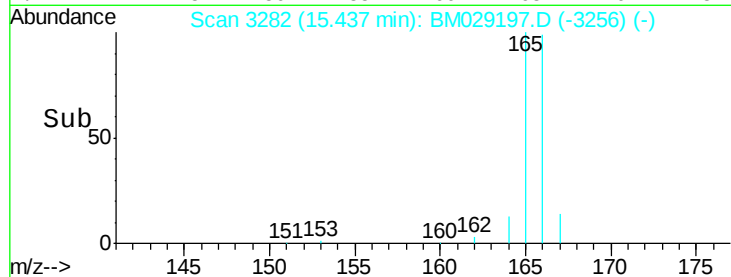
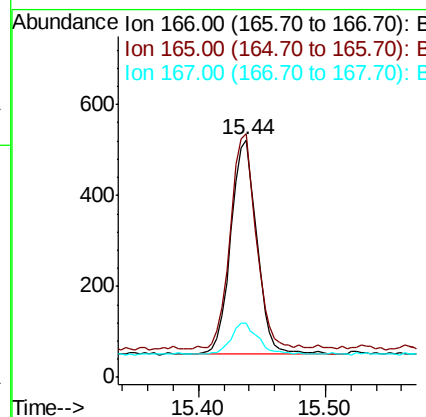
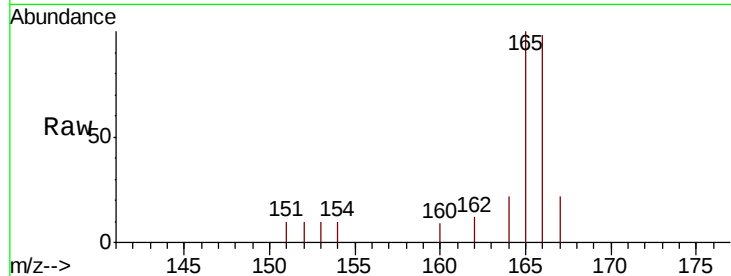
ClientSampleId :

MDL-SOIL-QT2-2021-03

Tot Ion:	166	Resp:	677
Ion Ratio	Lower	Upper	
166	100		
165	102.5	80.6	120.8
167	22.6	12.0	18.0#

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#14

Pentachlorophenol

Concen: 0.079 ng/ul

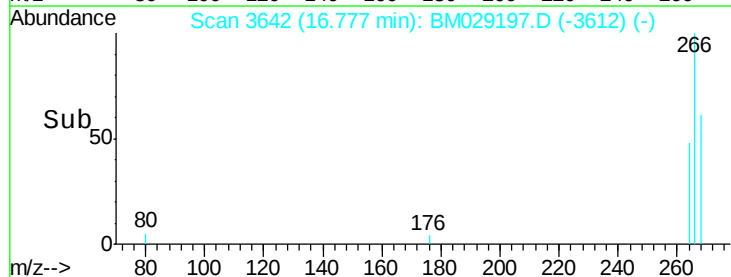
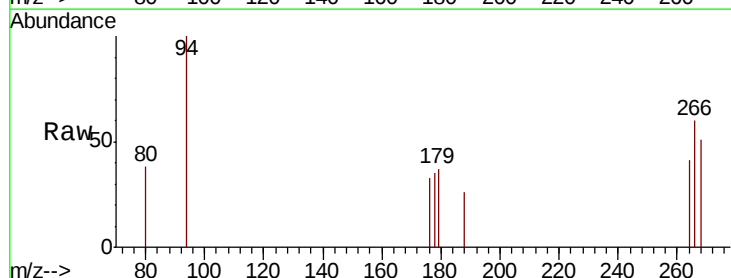
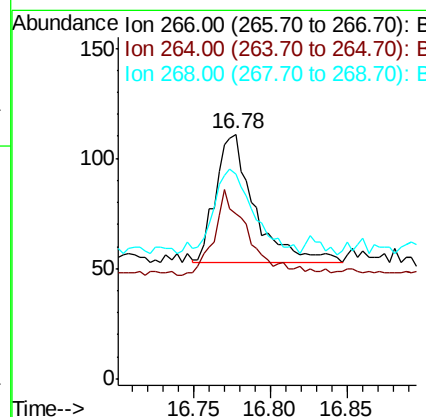
RT: 16.78 min Scan# 3642

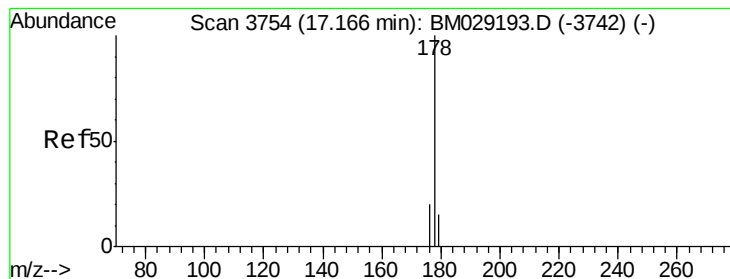
Delta R.T. 0.00 min

Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

Tgt Ion:	266	Resp:	101
Ion Ratio	Lower	Upper	
266	100		
264	61.4	48.1	72.1
268	70.3	51.8	77.6





#15

Phenanthrene

Concen: 0.073 ng/ul

RT: 17.17 min Scan# 3754

Delta R.T. 0.00 min

Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

Instrument :

BNA_M

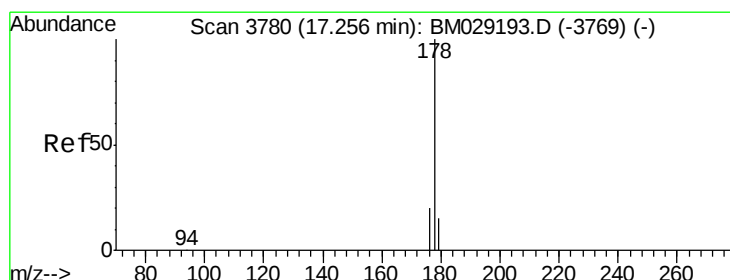
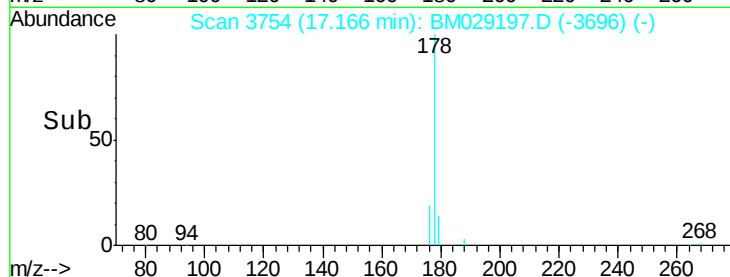
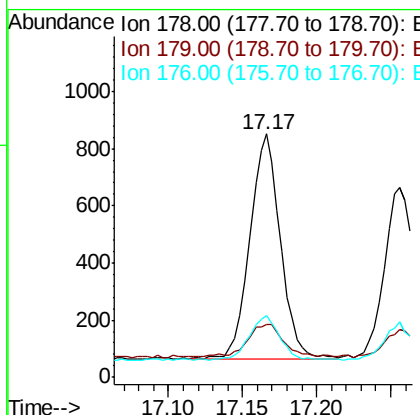
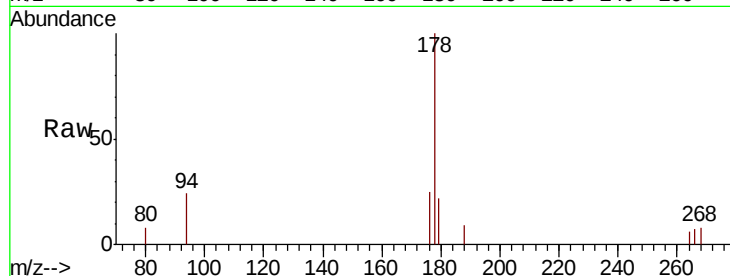
ClientSampleId :

MDL-SOIL-QT2-2021-03

Tot Ion:	178	Resp:	1111
Ion Ratio	Lower	Upper	
178	100		
179	21.8	12.9	19.3#
176	25.1	16.5	24.7#

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#16

Anthracene

Concen: 0.067 ng/ul

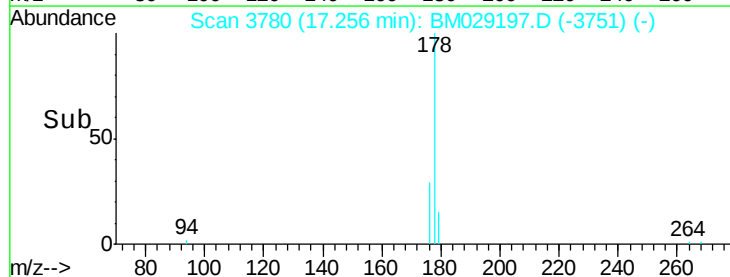
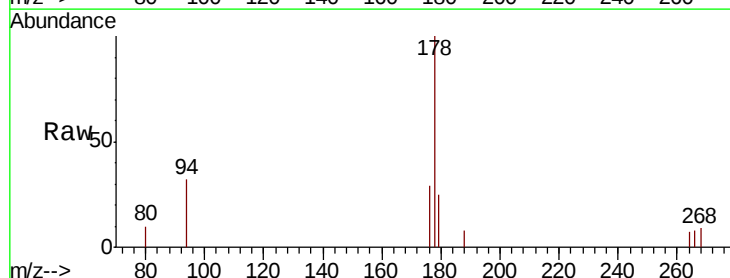
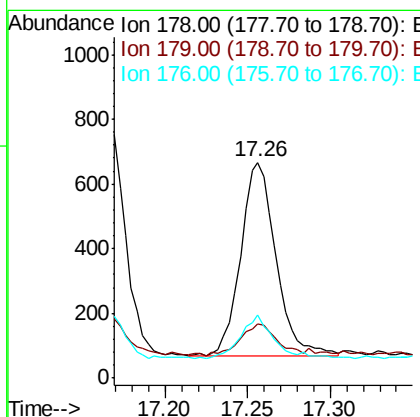
RT: 17.26 min Scan# 3780

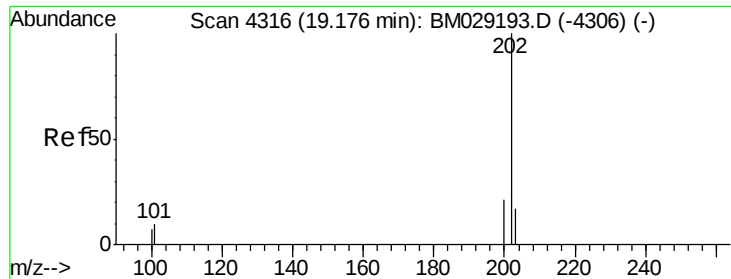
Delta R.T. 0.00 min

Lab File: BM029197.D

Acq: 23 Mar 2021 17:02

Tgt Ion:	178	Resp:	883
Ion Ratio	Lower	Upper	
178	100		
179	25.2	13.1	19.7#
176	29.3	16.2	24.2#





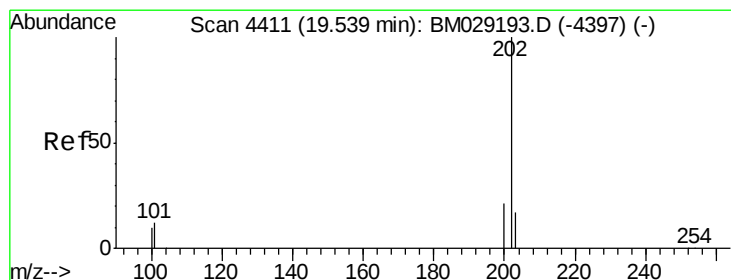
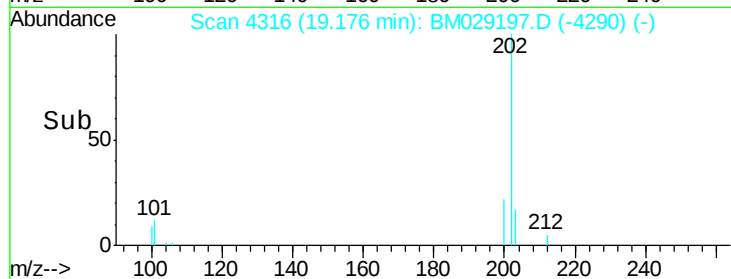
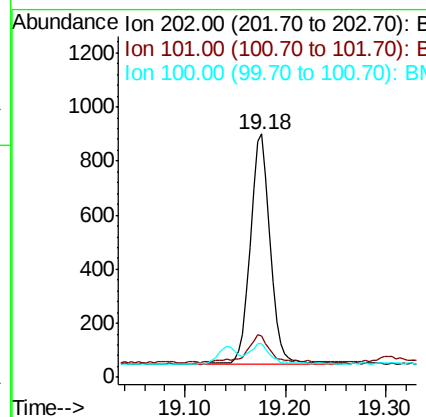
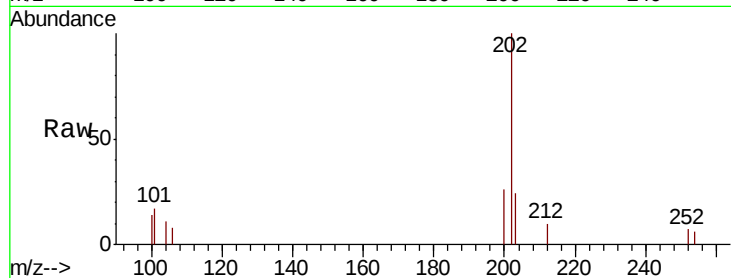
#19
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.18 min Scan# 4316
Delta R.T. 0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1158		
101	17.2		8.7	13.1#
100	13.9		6.9	10.3#

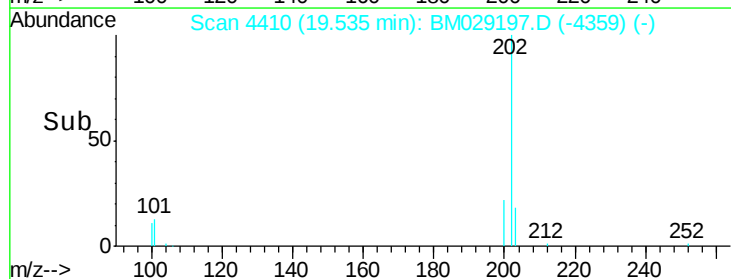
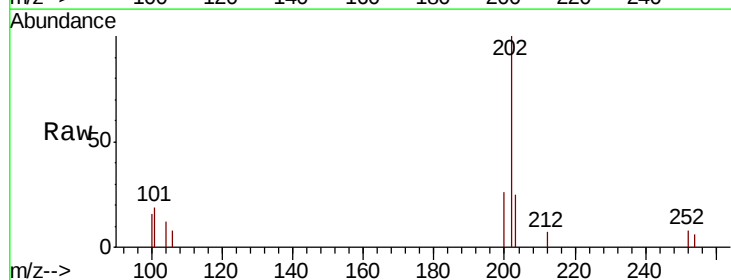
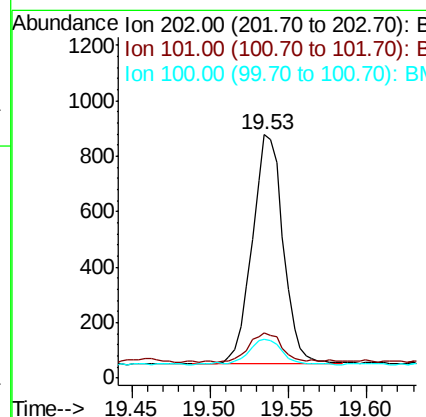
Manual Integrations
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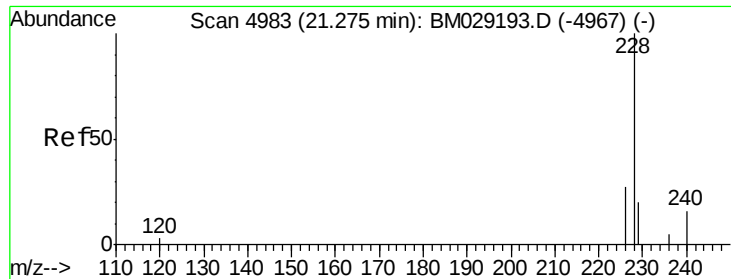
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#20
Pyrene
Concen: 0.071 ng/ul
RT: 19.53 min Scan# 4410
Delta R.T. -0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1139		
101	18.8		10.2	15.4#
100	16.2		8.5	12.7#





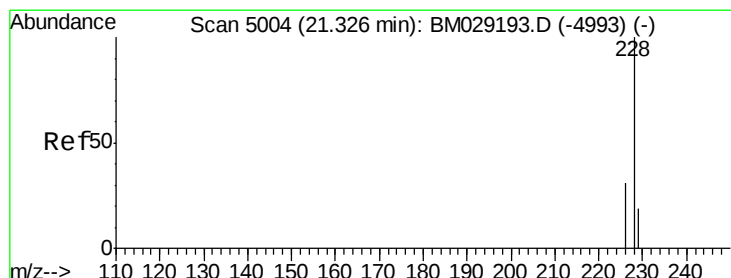
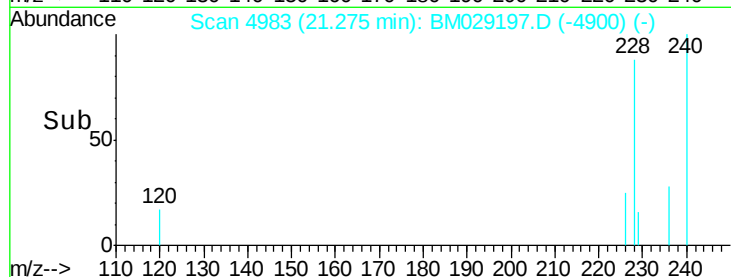
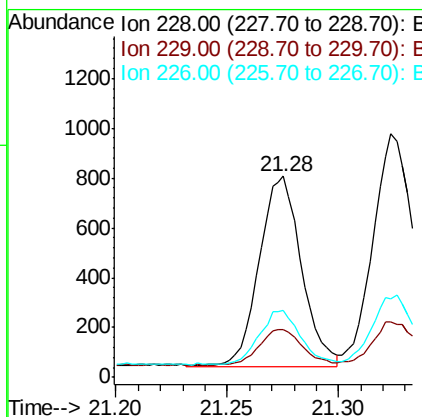
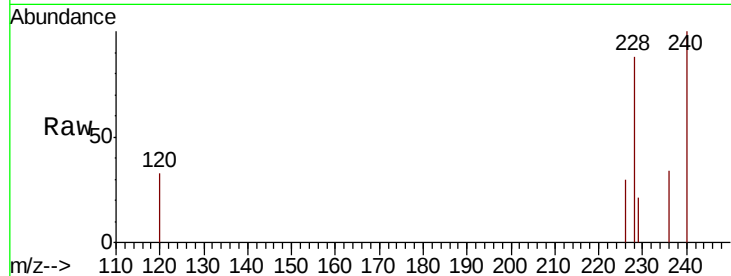
#21
Benzo(a)anthracene
Concen: 0.072 ng/ul m
RT: 21.28 min Scan# 4983
Delta R.T. 0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

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

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.2	24.2
226	33.5	22.2	33.2#

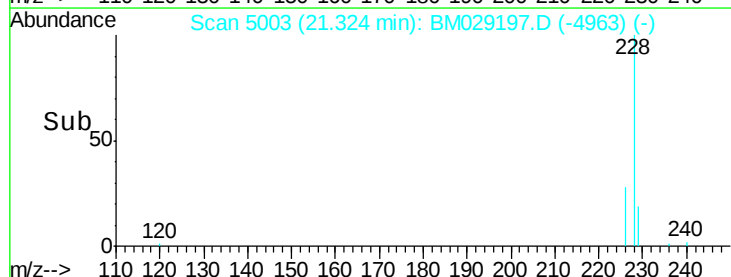
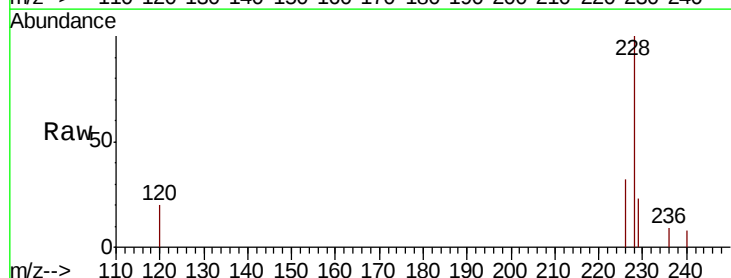
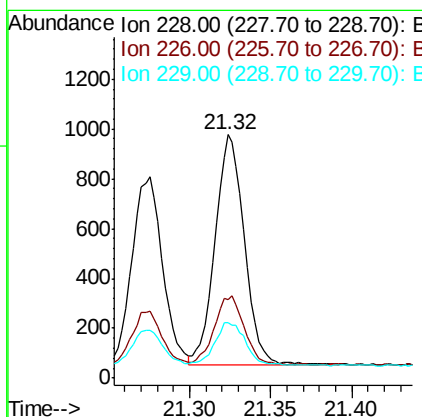
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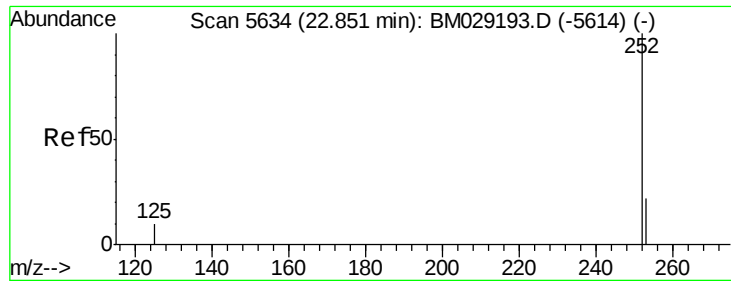
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#22
Chrysene
Concen: 0.073 ng/ul
RT: 21.32 min Scan# 5003
Delta R.T. -0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.4
229	23.0	16.0	24.0





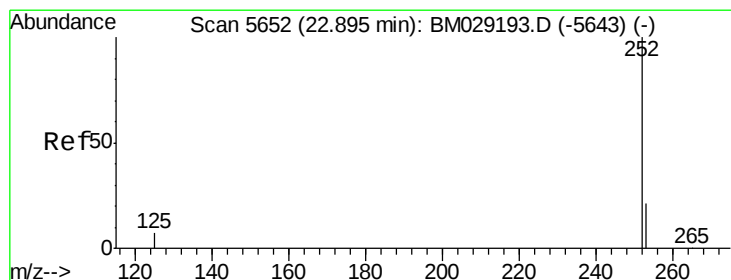
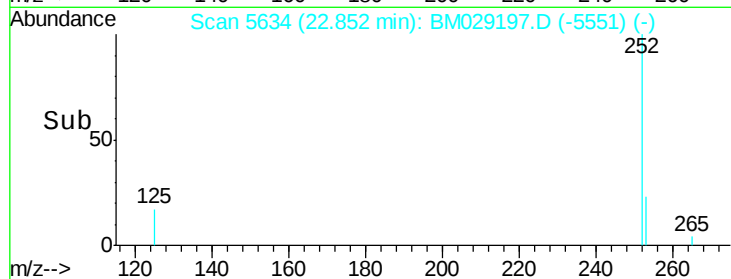
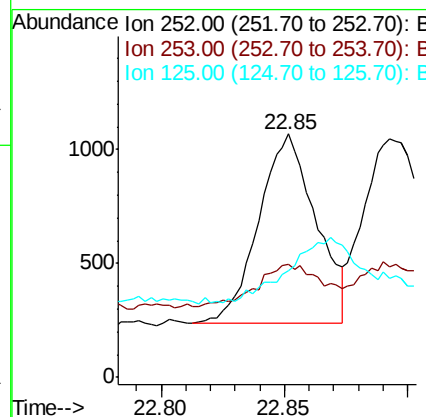
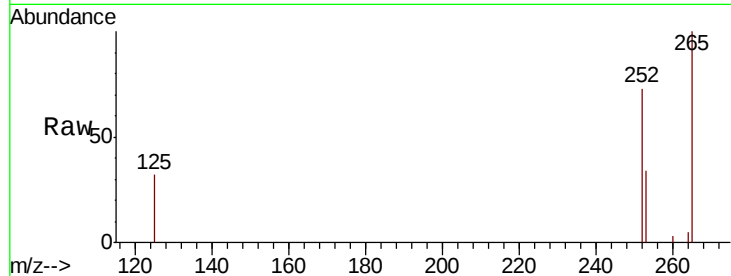
#24
Benzo(b)fluoranthene
Concen: 0.072 ng/ul
RT: 22.85 min Scan# 5634
Delta R.T. 0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.2	0.0	52.4
125	43.8	0.0	31.0

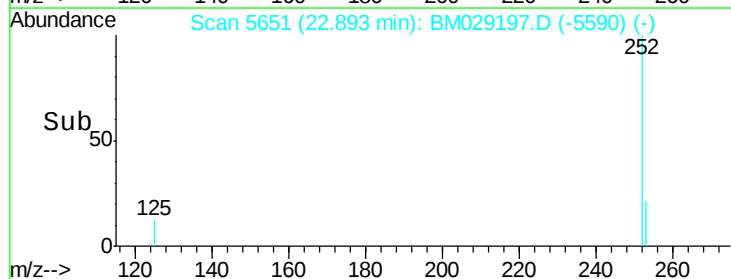
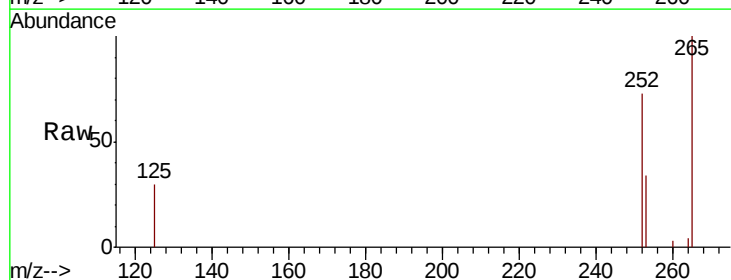
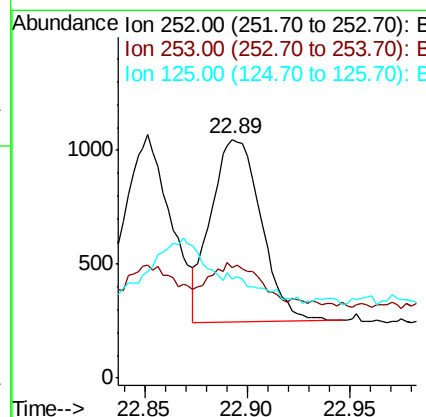
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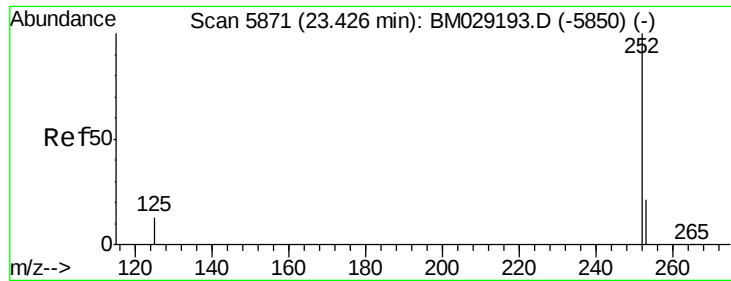
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#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul
RT: 22.89 min Scan# 5651
Delta R.T. -0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.6	21.1	31.7
125	41.5	12.6	19.0





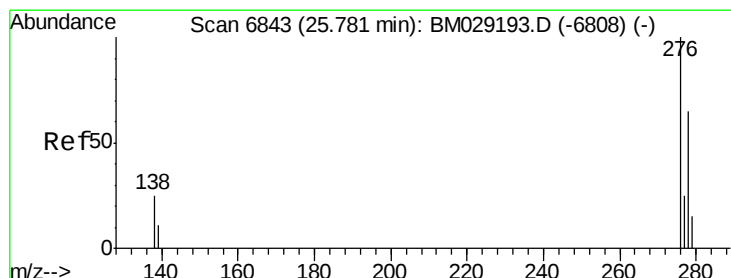
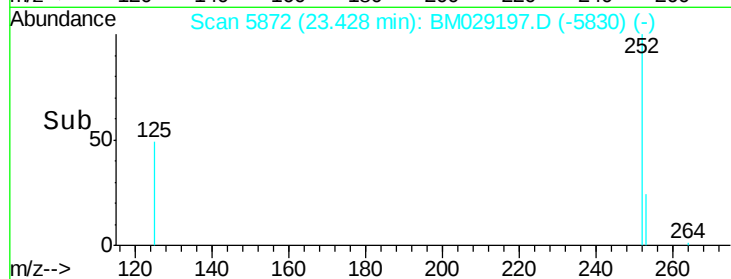
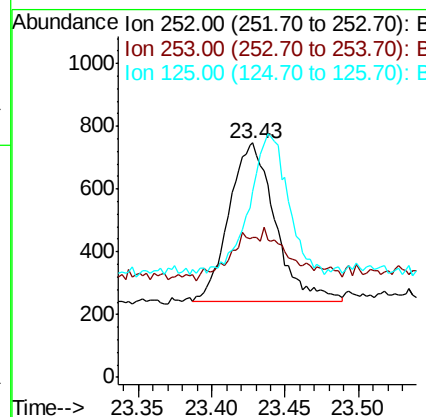
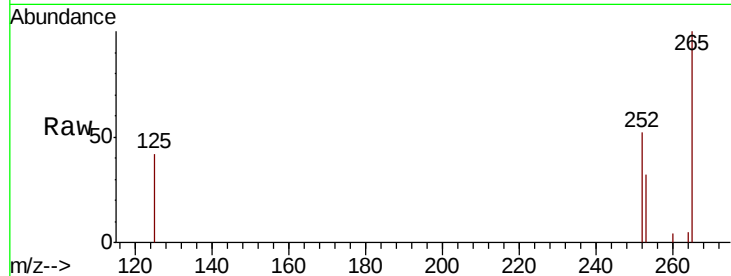
#26
Benzo(a)pyrene
Concen: 0.073 ng/u1
RT: 23.43 min Scan# 5872
Delta R.T. 0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	60.1	22.6	33.8#
125	79.4	16.4	24.6#

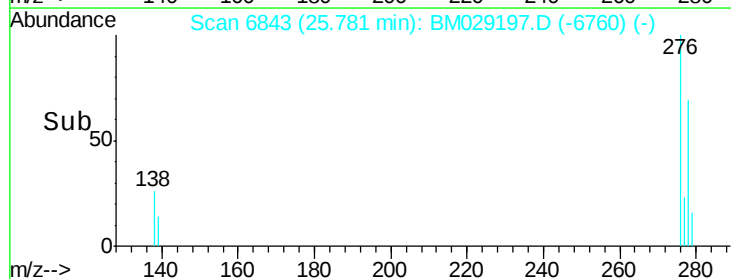
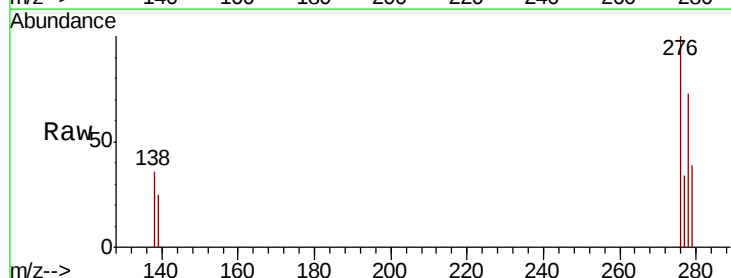
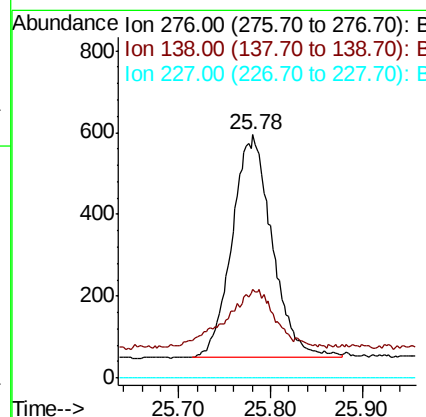
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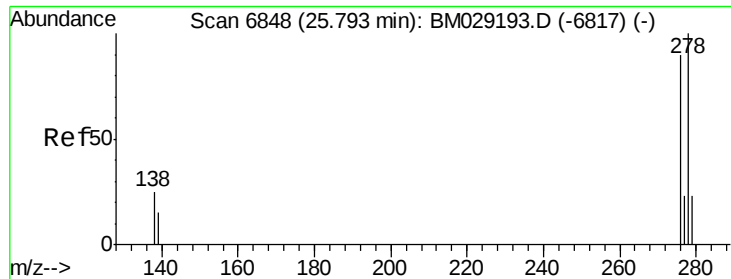
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/u1
RT: 25.78 min Scan# 6843
Delta R.T. 0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	20.6	30.8
227	0.0	0.0	0.0





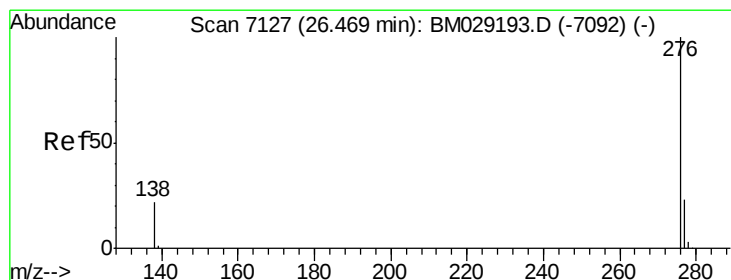
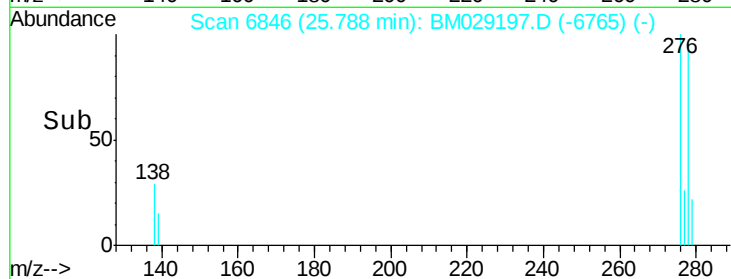
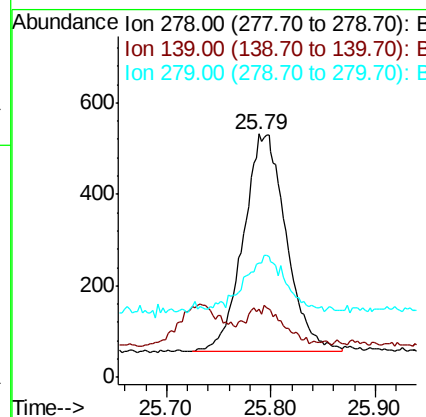
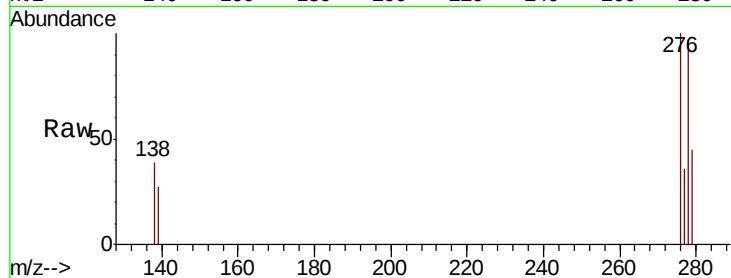
#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.79 min Scan# 6846
Delta R.T. -0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.2	13.6	20.4#
279	46.8	21.2	31.8#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.47 min Scan# 7126
Delta R.T. -0.00 min
Lab File: BM029197.D
Acq: 23 Mar 2021 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.6	19.3	28.9#
277	37.7	19.8	29.8#

