

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033041.D
 Acq On : 13 Nov 2021 14:36
 Operator : CG/JU
 Sample : PB140456BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS456

Quant Time: Nov 15 03:14:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

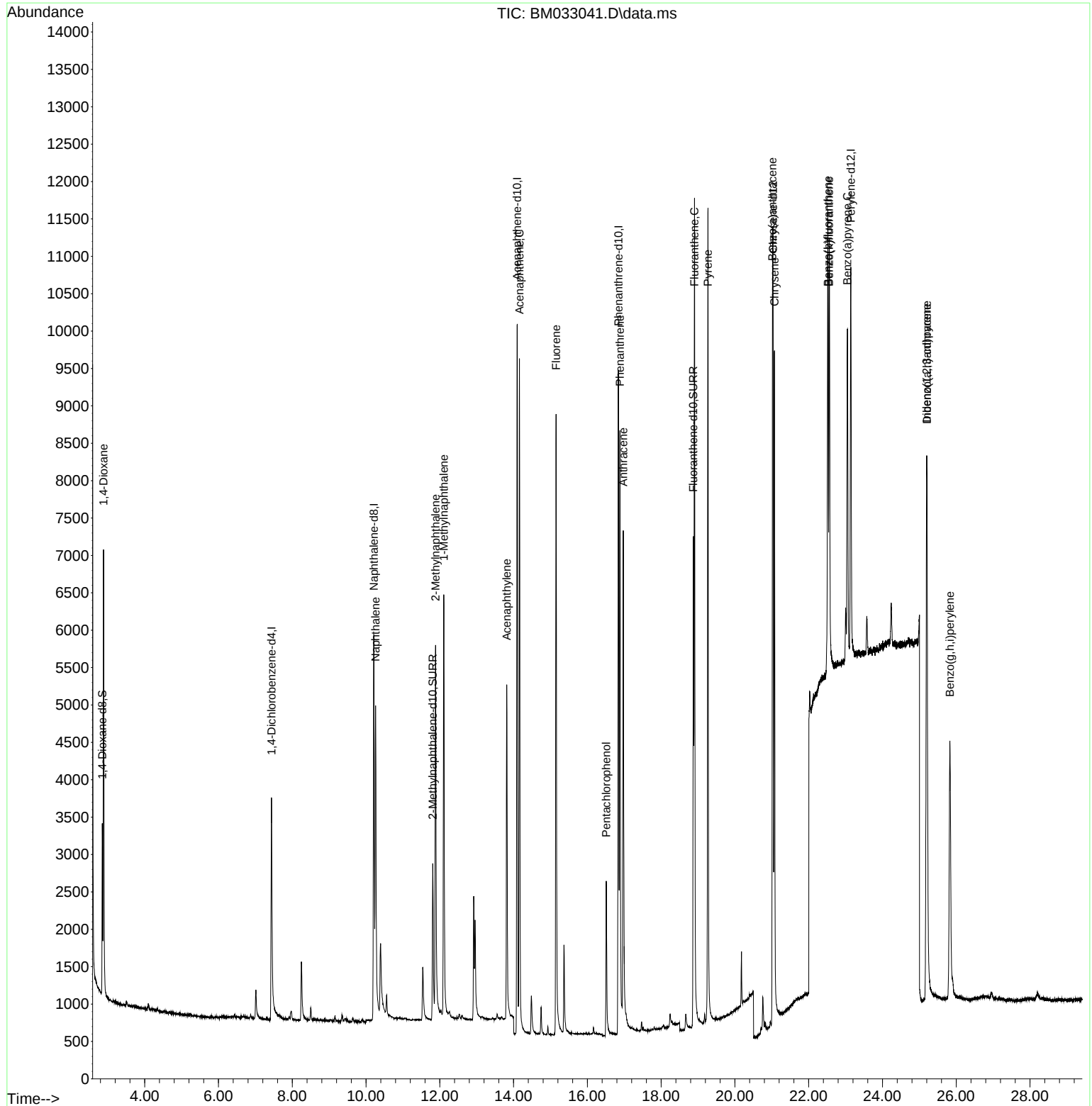
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2076	0.400	ng/ul	0.00
4) Naphthalene-d8	10.212	136	8087	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.099	164	5314	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.841	188	10808	0.400	ng/ul	0.00
17) Chrysene-d12	21.035	240	7213	0.400	ng/ul	0.00
23) Perylene-d12	23.142	264	6461	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.850	96	1332	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	3377	0.294	ng/ul	0.00
18) Fluoranthene-d10	18.873	212	7153	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.885	88	3729	1.370	ng/ul#	92
5) Naphthalene	10.257	128	6319	0.269	ng/ul	99
7) 2-Methylnaphthalene	11.885	142	4385	0.270	ng/ul	97
8) 1-Methylnaphthalene	12.110	142	4208	0.264	ng/ul	100
10) Acenaphthylene	13.815	152	6525	0.282	ng/ul	100
11) Acenaphthene	14.159	153	5201	0.258	ng/ul	98
12) Fluorene	15.153	166	5881	0.247	ng/ul	98
14) Pentachlorophenol	16.511	266	1499	0.532	ng/ul	99
15) Phenanthrene	16.883	178	8923	0.249	ng/ul	99
16) Anthracene	16.973	178	8190	0.259	ng/ul	99
19) Fluoranthene	18.904	202	9831	0.291	ng/ul	99
20) Pyrene	19.270	202	10049	0.285	ng/ul	98
21) Benzo(a)anthracene	21.018	228	7545	0.283	ng/ul	98
22) Chrysene	21.071	228	8043	0.268	ng/ul	99
24) Benzo(b)fluoranthene	22.519	252	6944	0.234	ng/ul	85
25) Benzo(k)fluoranthene	22.558	252	7671	0.241	ng/ul#	84
26) Benzo(a)pyrene	23.047	252	6346	0.260	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.199	276	7648	0.272	ng/ul#	81
28) Dibenzo(a,h)anthracene	25.204	278	6267	0.281	ng/ul#	88
29) Benzo(g,h,i)perylene	25.829	276	6656	0.273	ng/ul	95

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

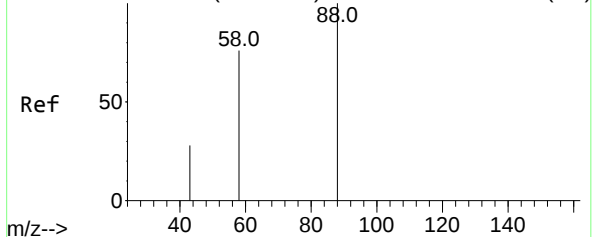
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:11:31 2021
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Abundance Scan 88 (2.888 min): BM033038.D\data.ms (-78)



#2

1,4-Dioxane

Concen: 1.370 ng/ul

RT: 2.885 min Scan# 81

Delta R.T. -0.004 min

Lab File: BM033041.D

Acq: 13 Nov 2021 14:36

Instrument :

BNA_M

ClientSampleId :

SLCS456

Tgt Ion: 88 Resp: 3729

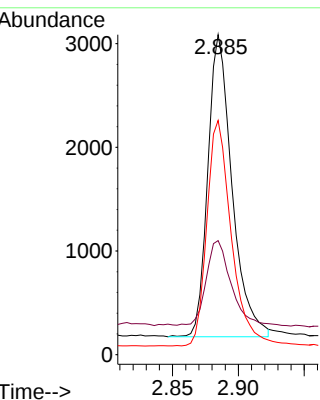
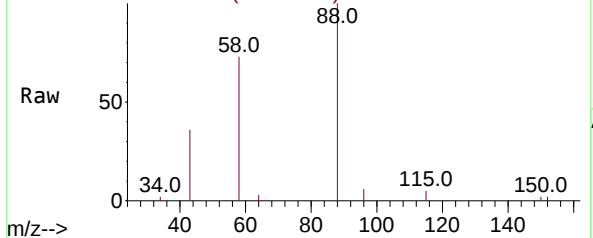
Ion Ratio Lower Upper

88 100

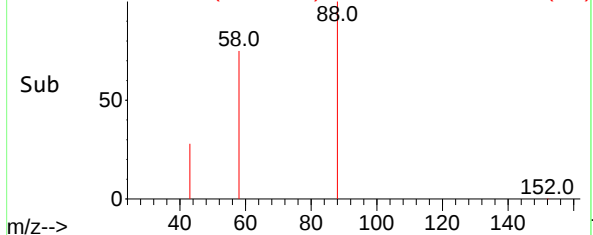
43 35.6 35.8 53.8#

58 73.2 55.8 83.8

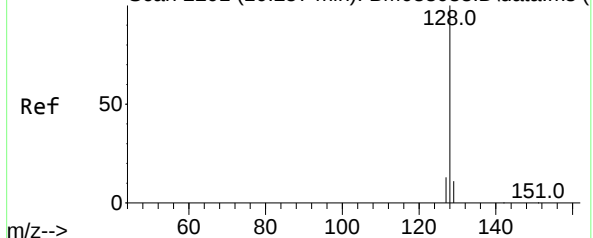
Abundance Scan 87 (2.885 min): BM033041.D\data.ms



Abundance Scan 87 (2.885 min): BM033041.D\data.ms (-74)



Abundance Scan 2201 (10.257 min): BM033038.D\data.ms (-78)



#5

Naphthalene

Concen: 0.269 ng/ul

RT: 10.257 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BM033041.D

Acq: 13 Nov 2021 14:36

Tgt Ion:128 Resp: 6319

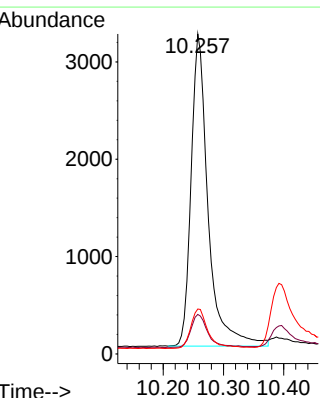
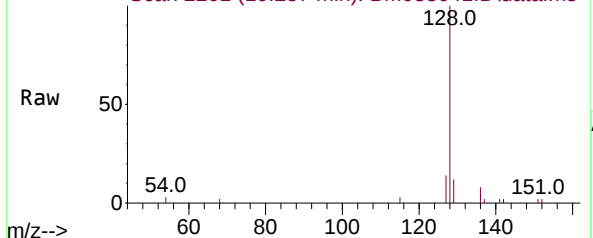
Ion Ratio Lower Upper

128 100

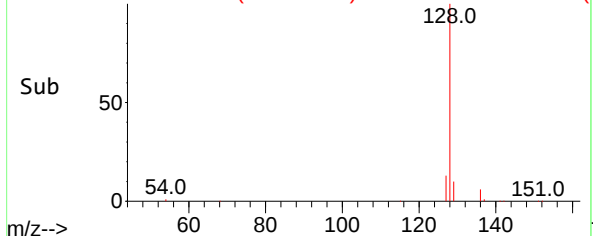
129 12.3 9.8 14.6

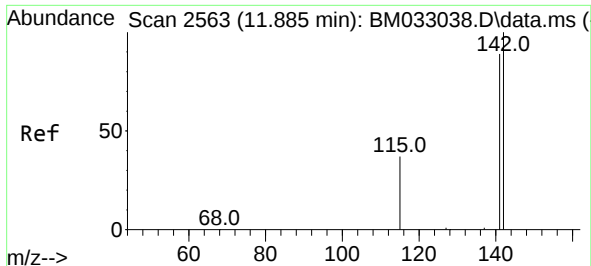
127 14.1 11.8 17.8

Abundance Scan 2201 (10.257 min): BM033041.D\data.ms



Abundance Scan 2201 (10.257 min): BM033041.D\data.ms (-74)

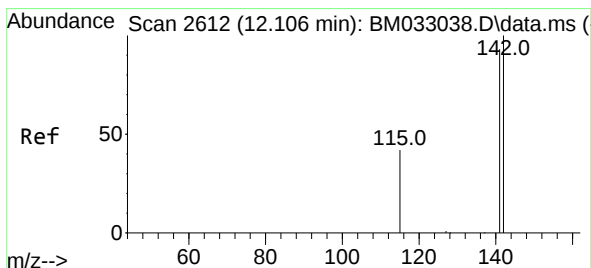
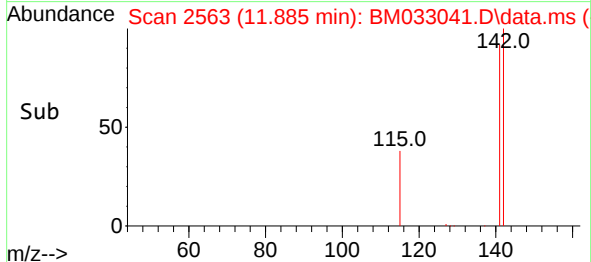
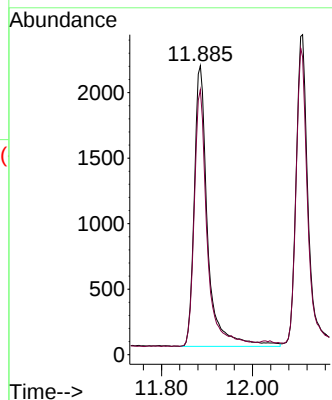
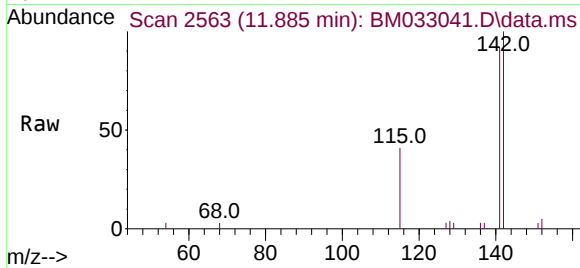




#7
2-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

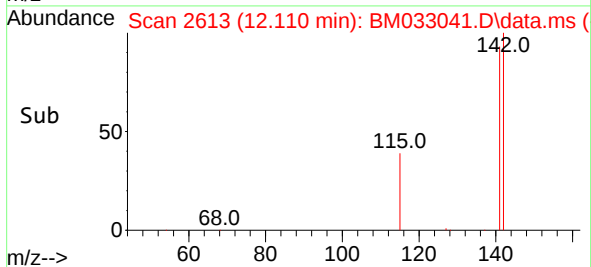
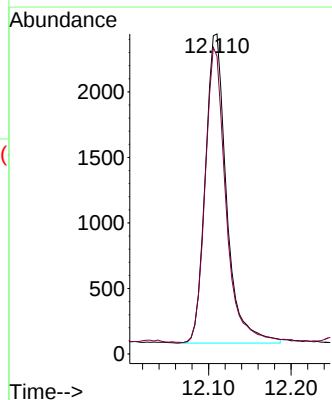
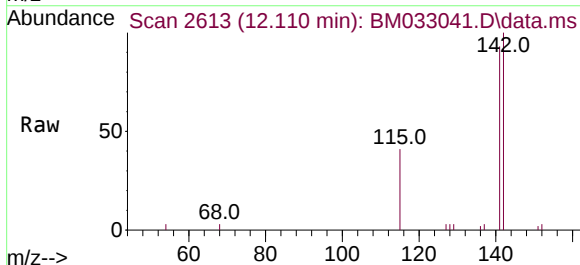
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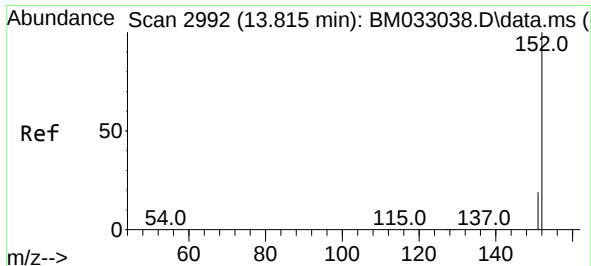
Tgt Ion:142 Resp: 4385
Ion Ratio Lower Upper
142 100
141 88.8 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.110 min Scan# 2613
Delta R.T. 0.004 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:142 Resp: 4208
Ion Ratio Lower Upper
142 100
141 93.2 74.5 111.7

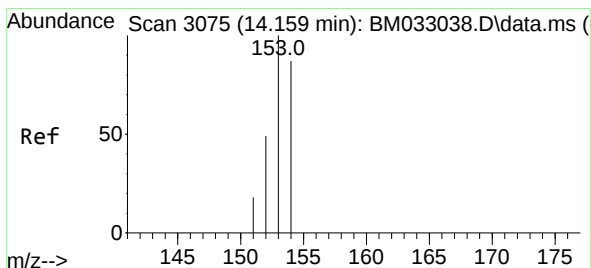
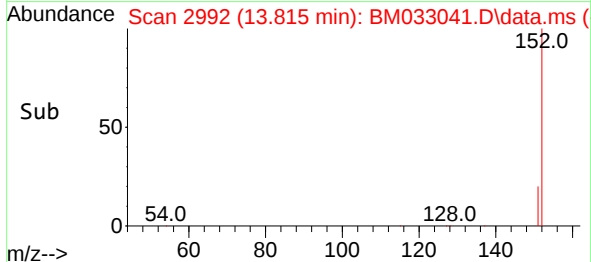
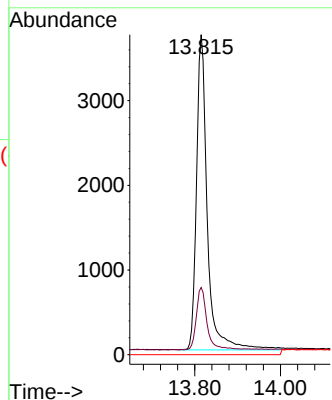
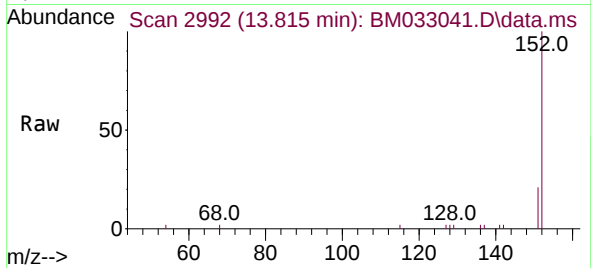




#10
Acenaphthylene
Concen: 0.282 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

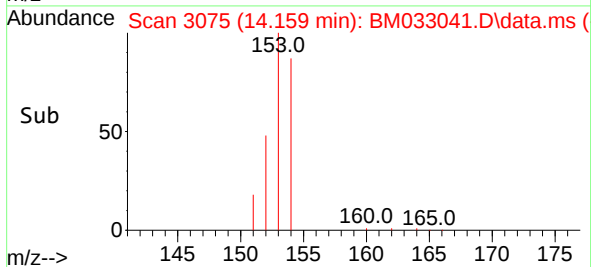
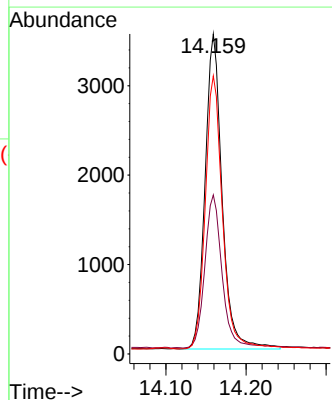
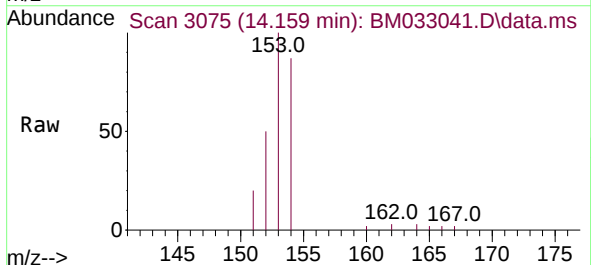
Instrument :
BNA_M
ClientSampleId :
SLCS456

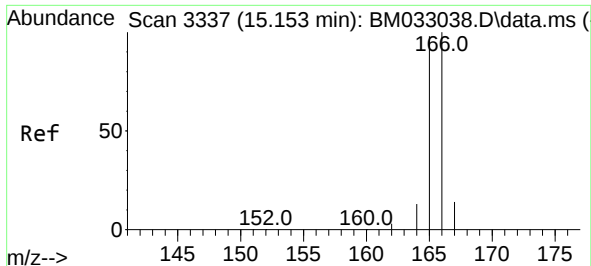
Tgt Ion:152	Resp: 6525
Ion Ratio	Lower Upper
152	100
151	21.0 16.7 25.1
153	0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.258 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:153	Resp: 5201
Ion Ratio	Lower Upper
153	100
152	49.7 40.6 60.8
154	86.9 70.8 106.2

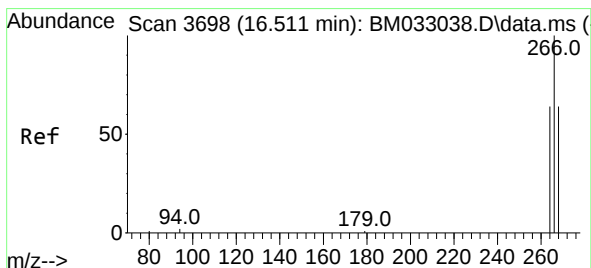
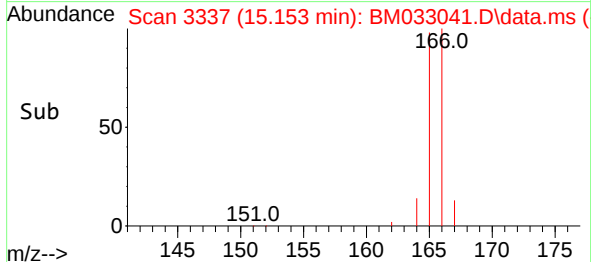
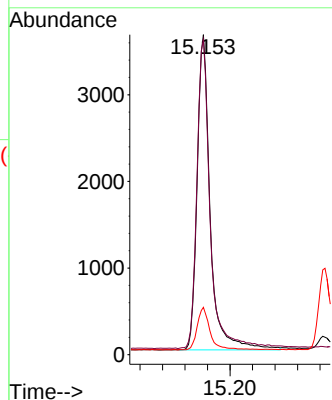
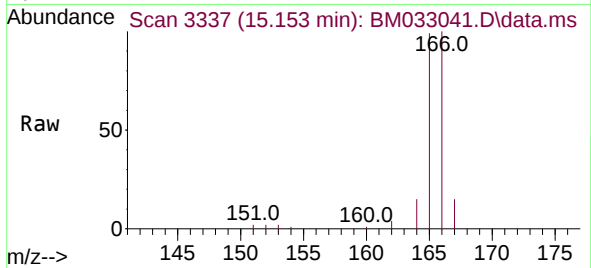




#12
Fluorene
Concen: 0.247 ng/ul
RT: 15.153 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

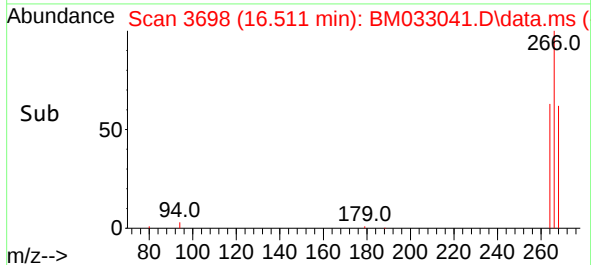
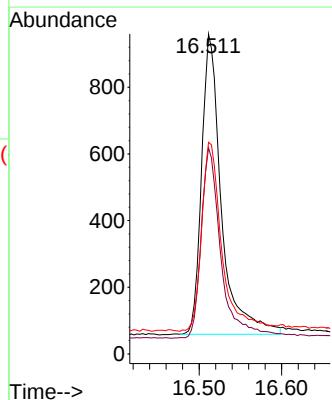
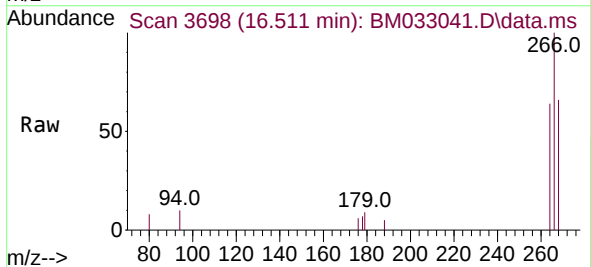
Instrument :
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ClientSampleId :
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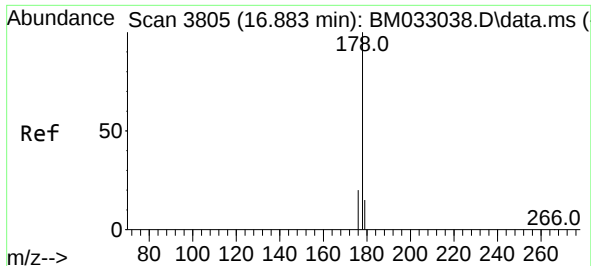
Tgt Ion:166 Resp: 5881
Ion Ratio Lower Upper
166 100
165 98.5 80.8 121.2
167 14.8 11.7 17.5



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.511 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:266 Resp: 1499
Ion Ratio Lower Upper
266 100
264 63.2 51.2 76.8
268 65.4 52.9 79.3

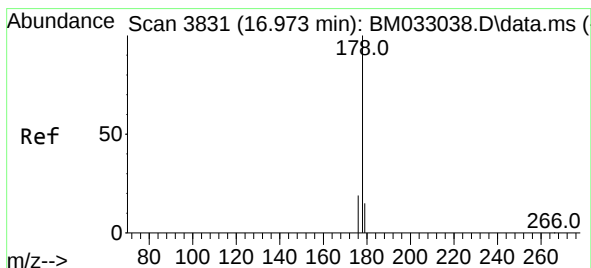
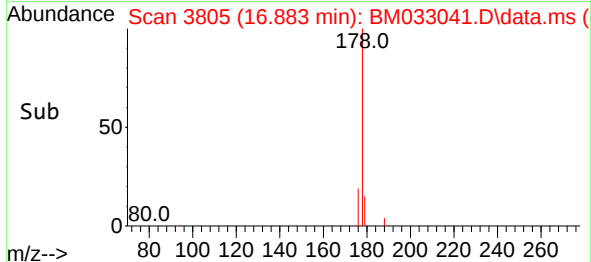
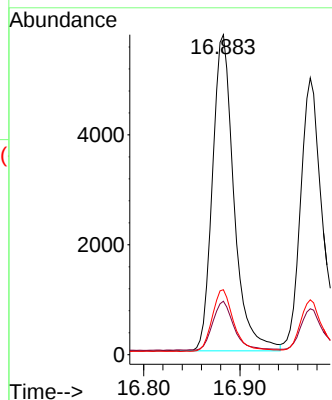
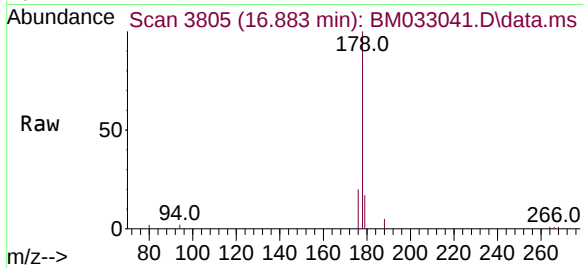




#15
Phenanthrene
Concen: 0.249 ng/ul
RT: 16.883 min Scan# 3805
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

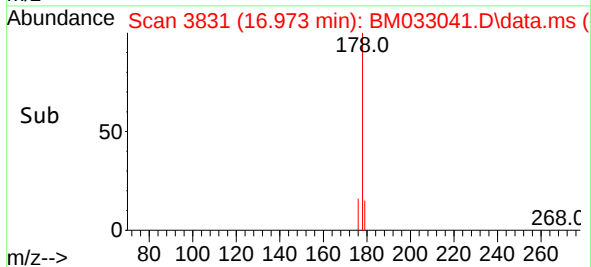
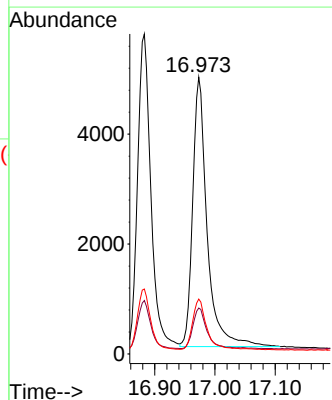
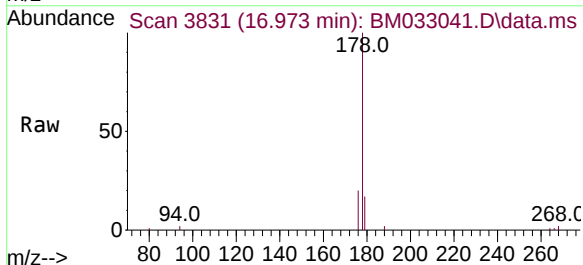
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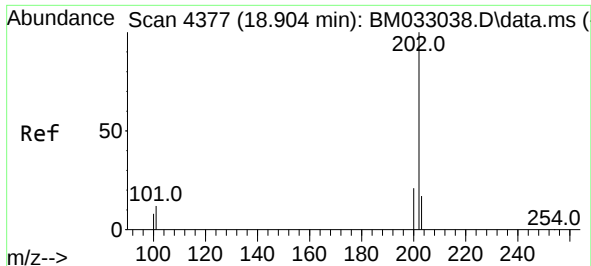
Tgt Ion:	178	Resp:	8923
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.9	19.3
176	20.3	16.0	24.0



#16
Anthracene
Concen: 0.259 ng/ul
RT: 16.973 min Scan# 3831
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:	178	Resp:	8190
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.0	19.6
176	19.8	15.6	23.4

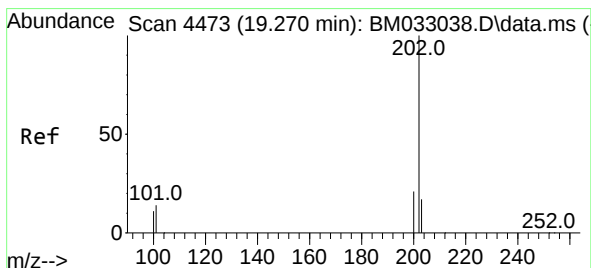
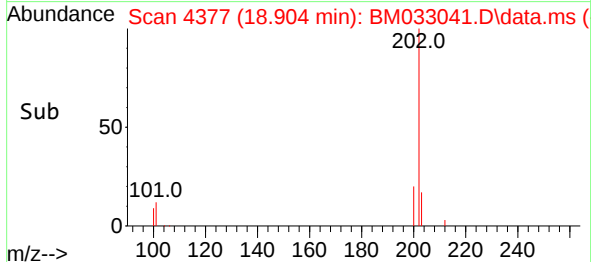
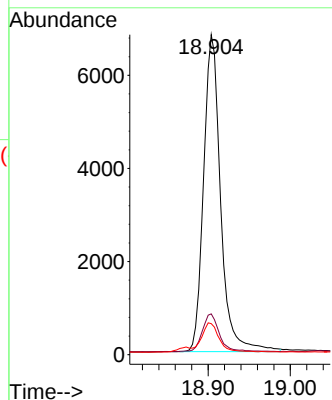
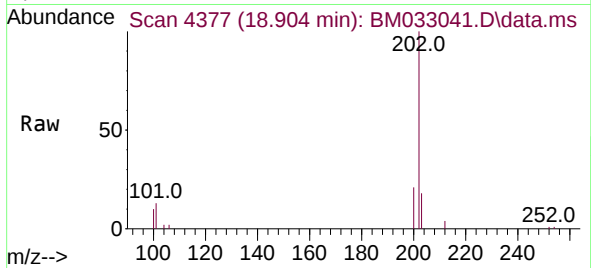




#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 18.904 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

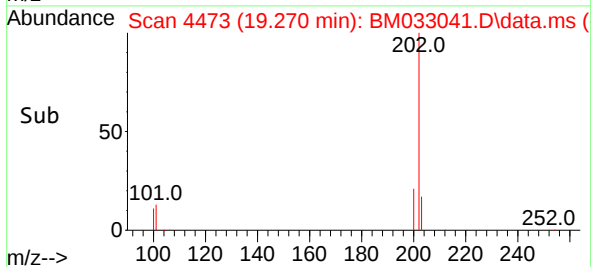
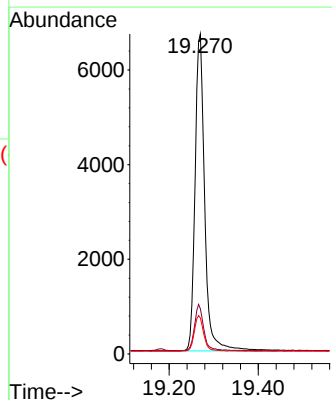
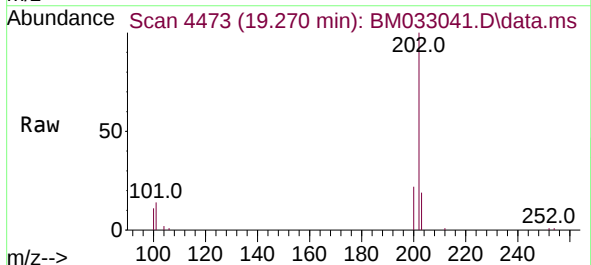
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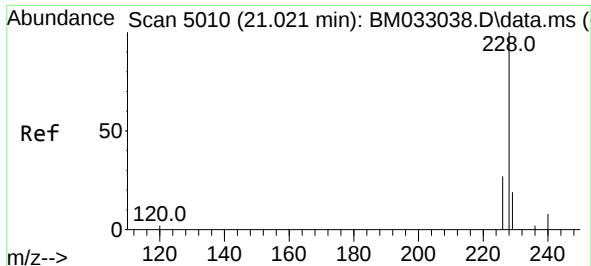
Tgt Ion:202 Resp: 9831
Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 9.7 7.3 10.9



#20
Pyrene
Concen: 0.285 ng/ul
RT: 19.270 min Scan# 4473
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:202 Resp: 10049
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.3 9.5 14.3

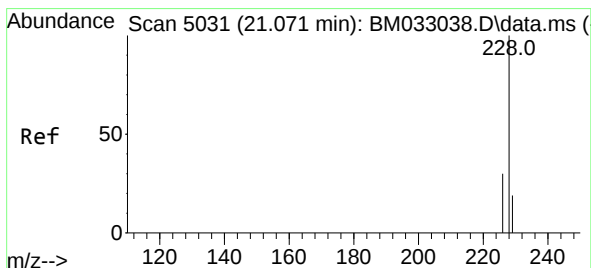
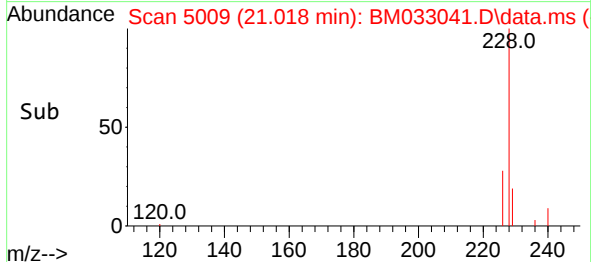
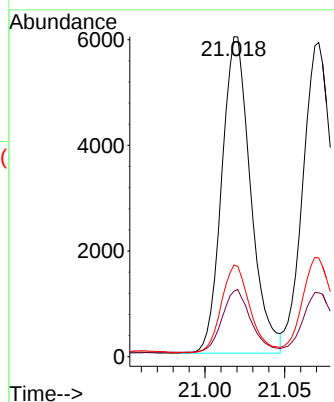
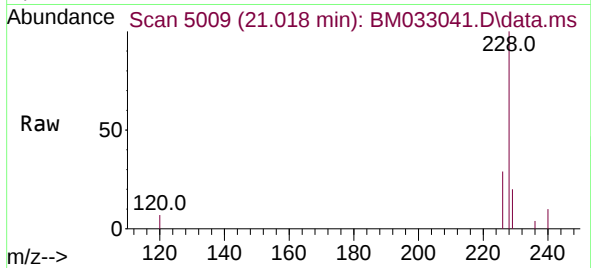




#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.018 min Scan# 5010
Delta R.T. -0.003 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

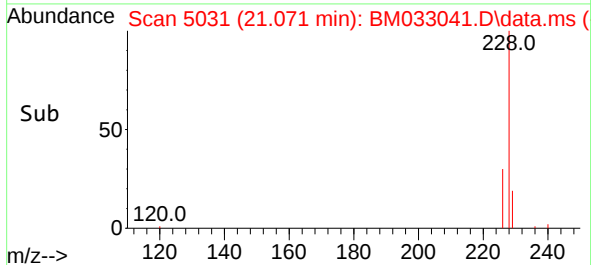
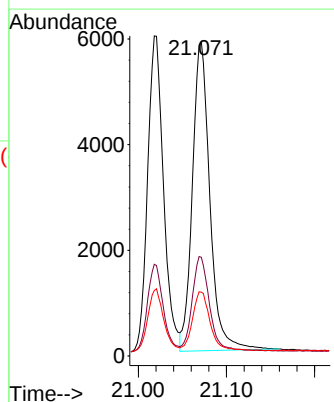
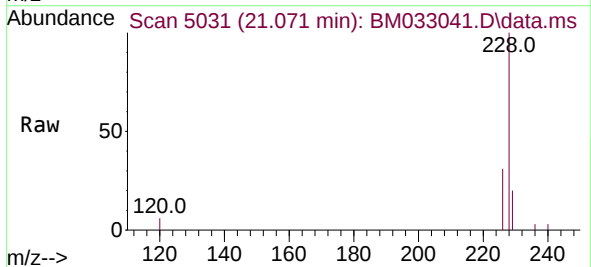
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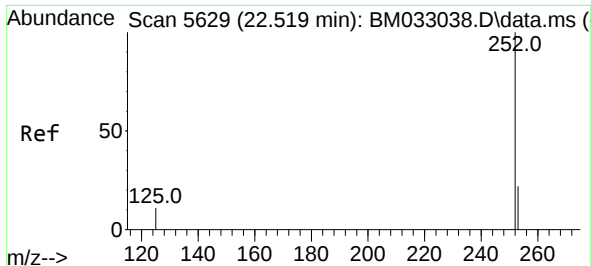
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Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.7 22.4 33.6



#22
Chrysene
Concen: 0.268 ng/ul
RT: 21.071 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:228 Resp: 8043
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.3 16.1 24.1

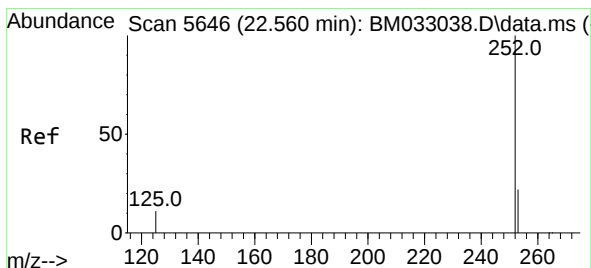
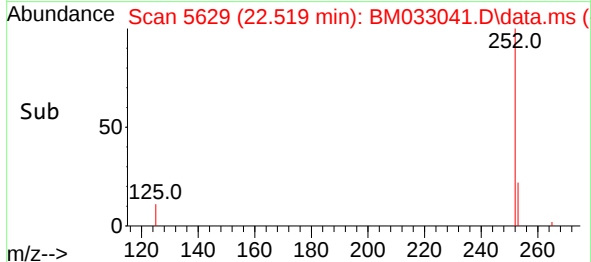
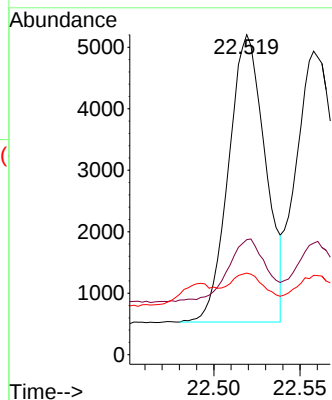
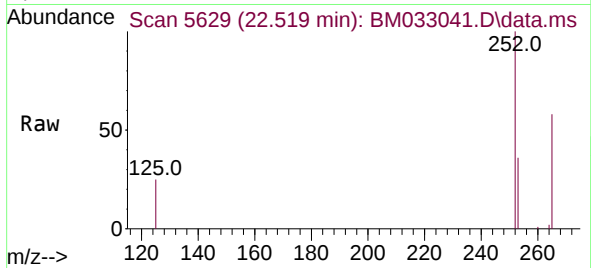




#24
Benzo(b)fluoranthene
Concen: 0.234 ng/ul
RT: 22.519 min Scan# 5629
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

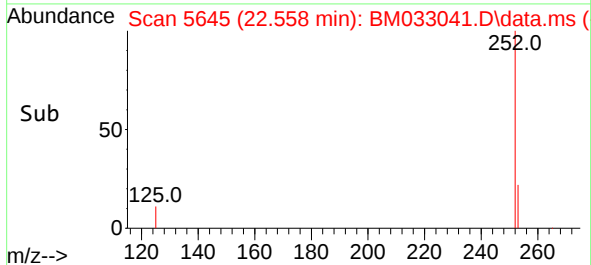
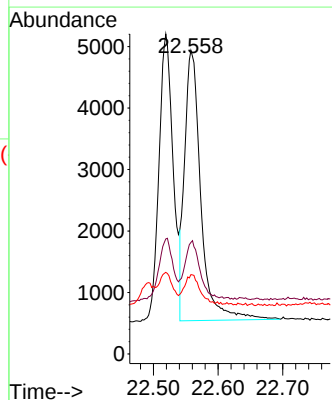
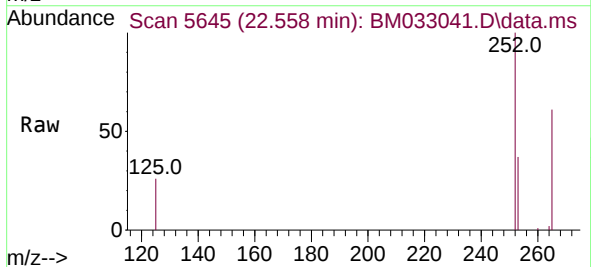
Instrument :
BNA_M
ClientSampleId :
SLCS456

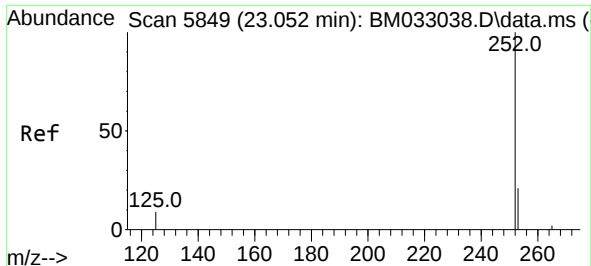
Tgt Ion:252	Resp:	6944
Ion Ratio	Lower	Upper
252	100	
253	35.9	0.0 59.2
125	25.5	0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.241 ng/ul
RT: 22.558 min Scan# 5645
Delta R.T. -0.003 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:252	Resp:	7671
Ion Ratio	Lower	Upper
252	100	
253	36.8	23.1 34.7#
125	26.1	14.6 21.8#

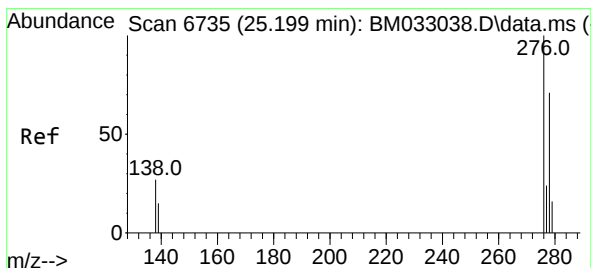
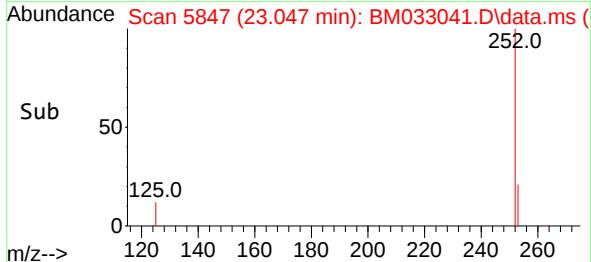
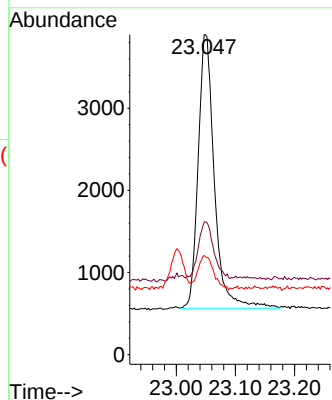
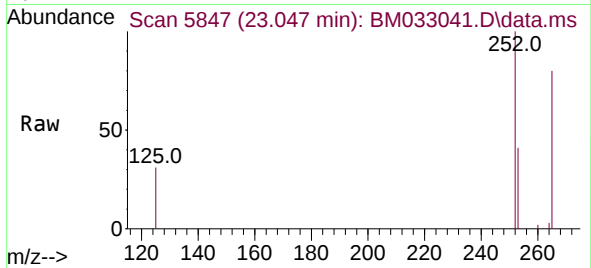




#26
Benzo(a)pyrene
Concen: 0.260 ng/ul
RT: 23.047 min Scan# 5847
Delta R.T. -0.005 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

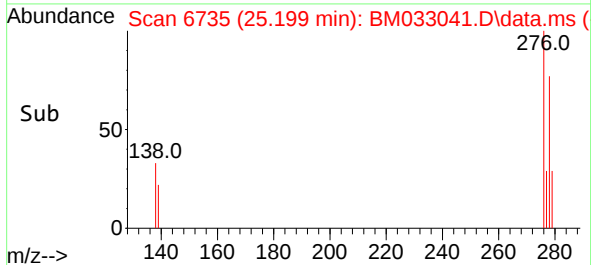
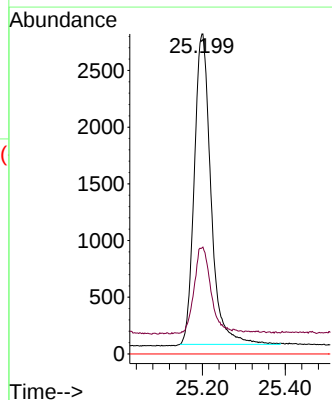
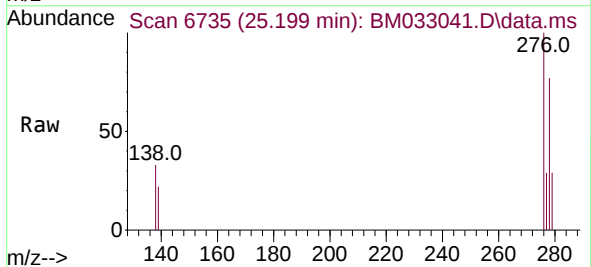
Instrument :
BNA_M
ClientSampleId :
SLCS456

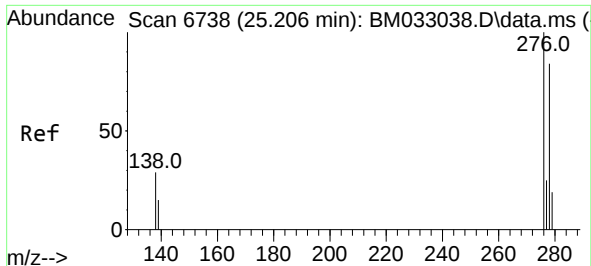
Tgt Ion:252 Resp: 6346
Ion Ratio Lower Upper
252 100
253 41.5 27.1 40.7#
125 31.0 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 25.199 min Scan# 6735
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:276 Resp: 7648
Ion Ratio Lower Upper
276 100
138 38.5 22.9 34.3#
227 0.0 0.0 0.0

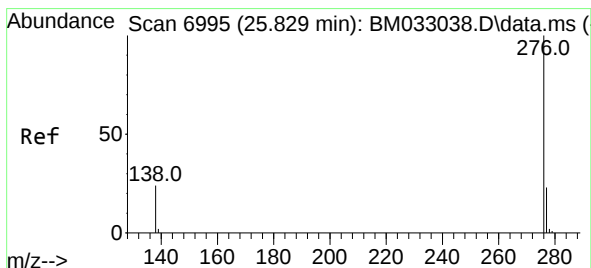
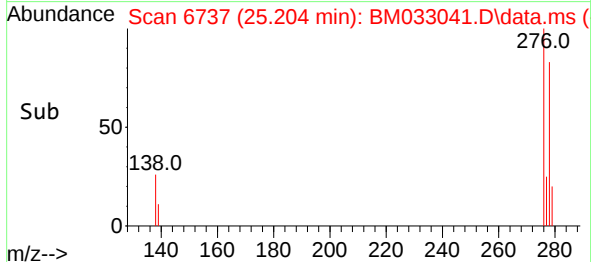
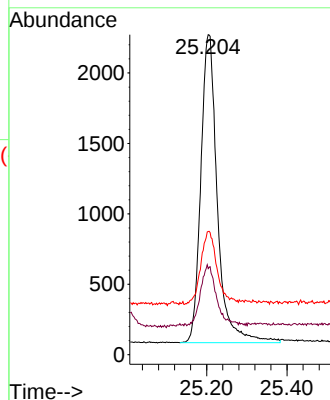
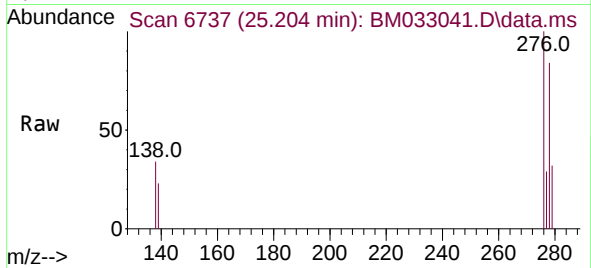




#28
Dibenzo(a,h)anthracene
Concen: 0.281 ng/ul
RT: 25.204 min Scan# 61
Delta R.T. -0.003 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SLCS456

Tgt Ion:278 Resp: 6267
Ion Ratio Lower Upper
278 100
139 26.9 18.2 27.2
279 38.5 24.6 36.8#



#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 25.829 min Scan# 6995
Delta R.T. -0.000 min
Lab File: BM033041.D
Acq: 13 Nov 2021 14:36

Tgt Ion:276 Resp: 6656
Ion Ratio Lower Upper
276 100
138 30.7 22.2 33.2
277 28.1 21.0 31.4

