

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031479.D
 Acq On : 05 Aug 2021 11:47
 Operator : CG/JU
 Sample : PB138047BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS047

Quant Time: Aug 05 12:22:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 05 11:03:39 2021
 Response via : Initial Calibration

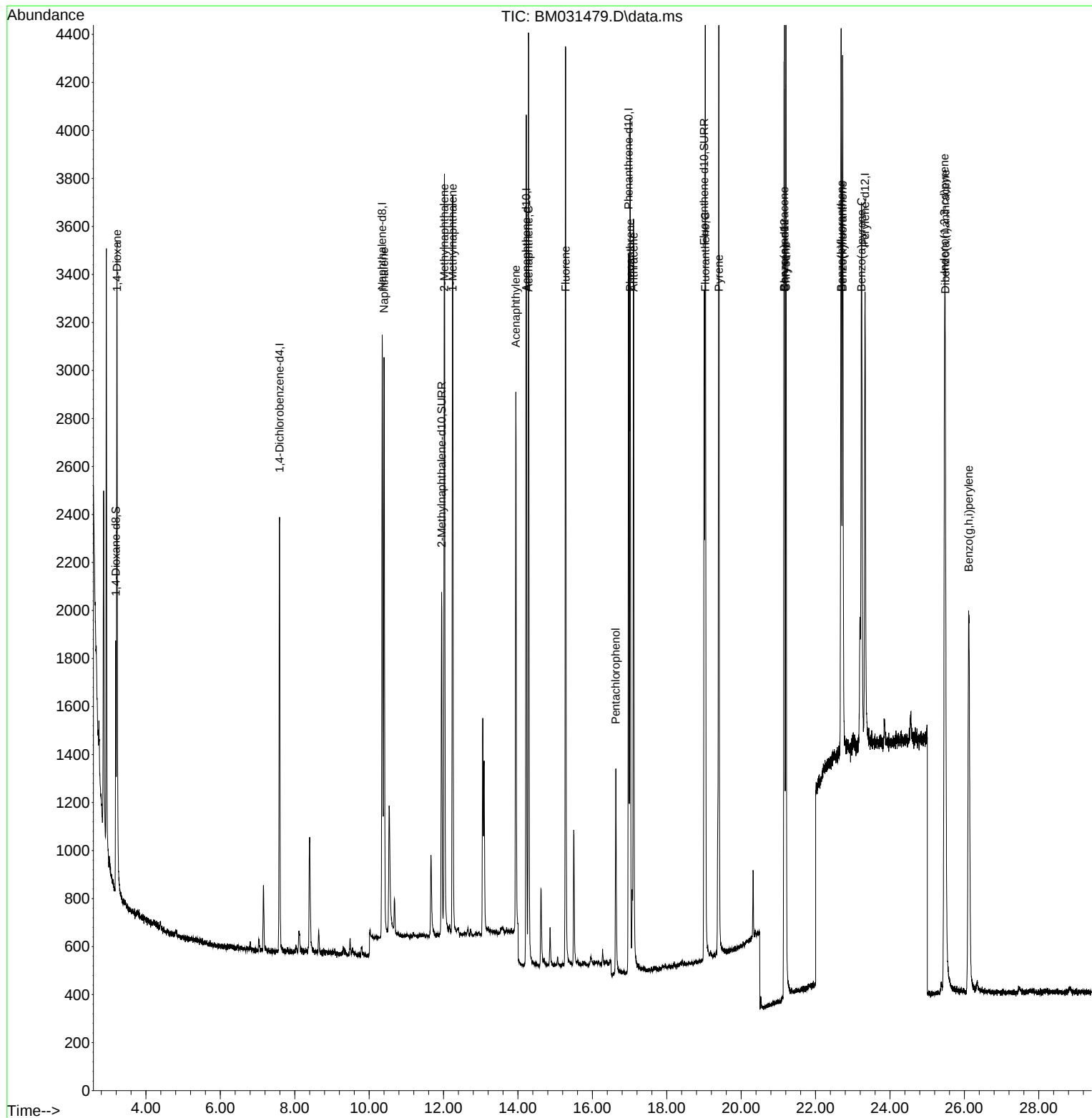
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.351	136	3534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	2071	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.974	188	3862	0.400	ng/ul	0.00
17) Chrysene-d12	21.168	240	2743	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	2417	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	605	0.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	1989	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.004	212	3322	0.363	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	1643	1.632	ng/ul#	79
5) Naphthalene	10.400	128	3373	0.320	ng/ul	99
7) 2-Methylnaphthalene	12.024	142	2322	0.323	ng/ul	99
8) 1-Methylnaphthalene	12.244	142	2166	0.305	ng/ul	99
10) Acenaphthylene	13.944	152	2850	0.323	ng/ul	99
11) Acenaphthene	14.284	153	2361	0.318	ng/ul	98
12) Fluorene	15.281	166	2573	0.301	ng/ul	98
14) Pentachlorophenol	16.631	266	640	0.517	ng/ul	96
15) Phenanthrene	17.016	178	3863	0.315	ng/ul	99
16) Anthracene	17.106	178	3520	0.307	ng/ul	97
19) Fluoranthene	19.035	202	4138	0.353	ng/ul	96
20) Pyrene	19.401	202	4177	0.352	ng/ul	98
21) Benzo(a)anthracene	21.154	228	3693	0.333	ng/ul	98
22) Chrysene	21.204	228	3942	0.344	ng/ul	99
24) Benzo(b)fluoranthene	22.686	252	3817	0.351	ng/ul	91
25) Benzo(k)fluoranthene	22.727	252	3885	0.345	ng/ul#	93
26) Benzo(a)pyrene	23.234	252	3313	0.347	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.468	276	4106	0.333	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	3235	0.326	ng/ul	92
29) Benzo(g,h,i)perylene	26.117	276	3538	0.336	ng/ul	95

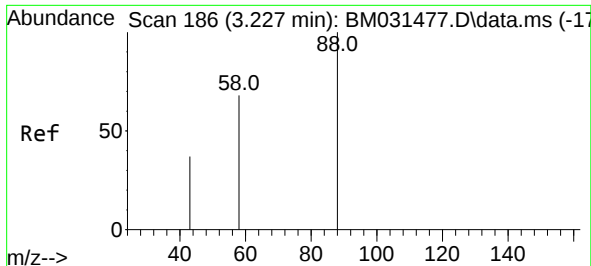
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
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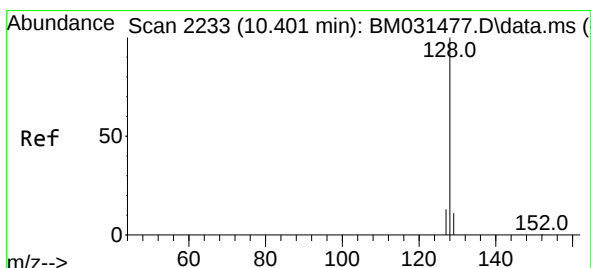
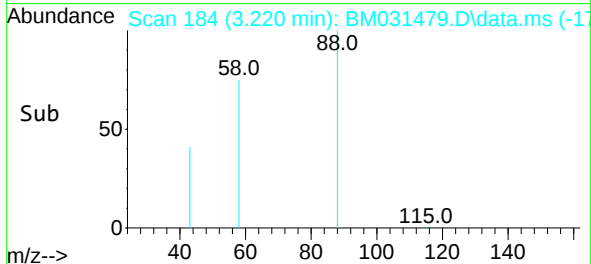
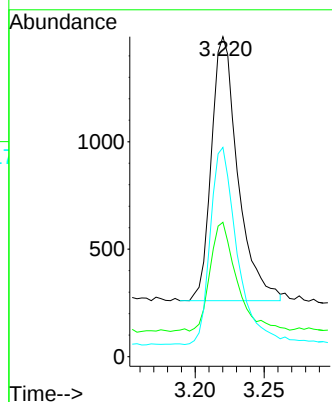
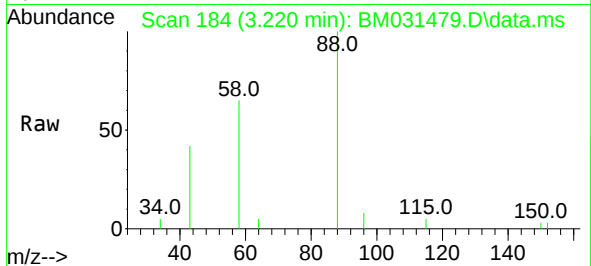




#2
1,4-Dioxane
Concen: 1.632 ng/ul
RT: 3.220 min Scan# 184
Delta R.T. -0.007 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

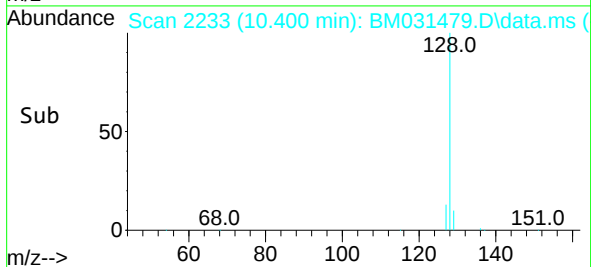
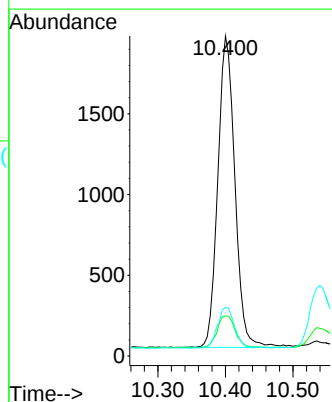
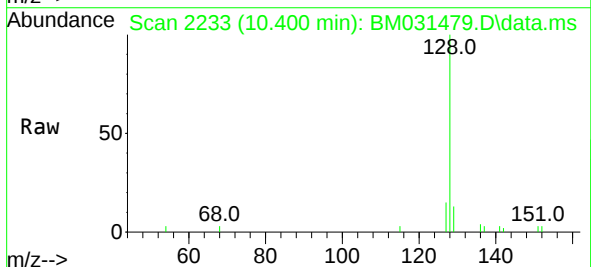
Instrument :
BNA_M
ClientSampled :
SLCS047

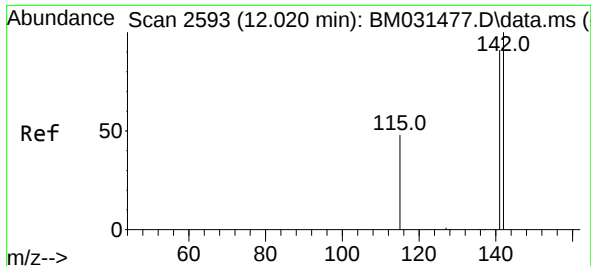
Tgt Ion: 88 Resp: 1643
Ion Ratio Lower Upper
88 100
43 42.0 29.7 44.5
58 65.4 35.6 53.4#



#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.400 min Scan# 2233
Delta R.T. -0.001 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion: 128 Resp: 3373
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 15.3 11.6 17.4

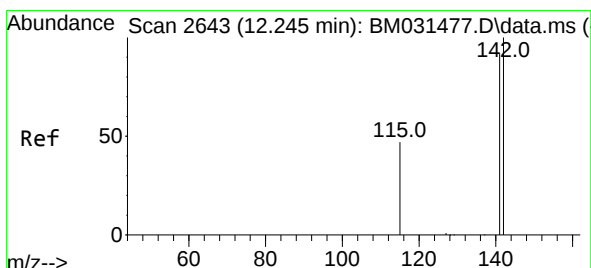
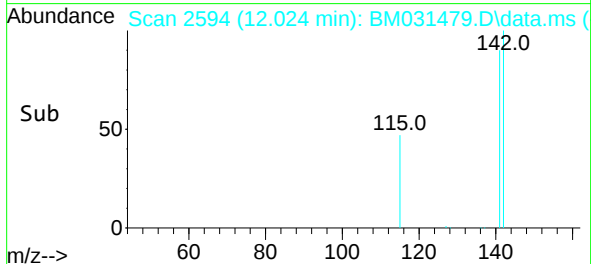
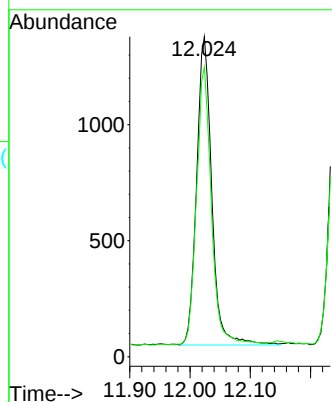
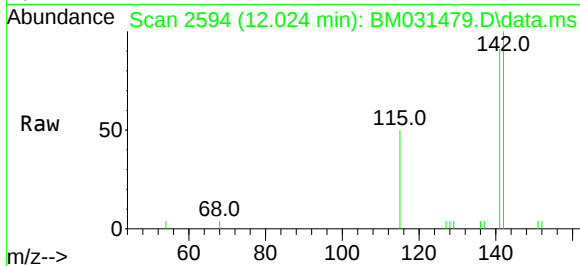




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.024 min Scan# 2594
Delta R.T. 0.003 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

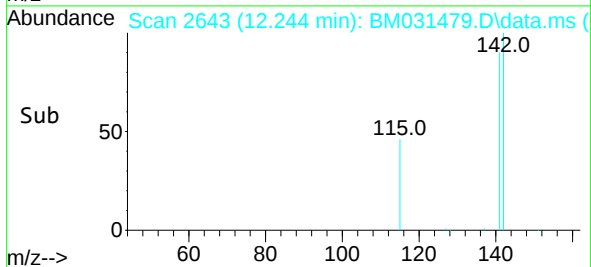
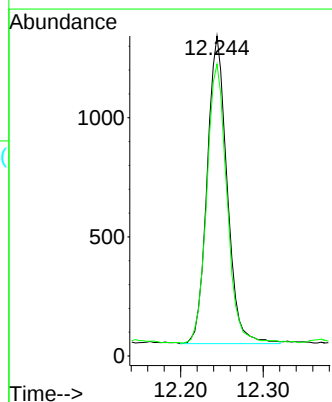
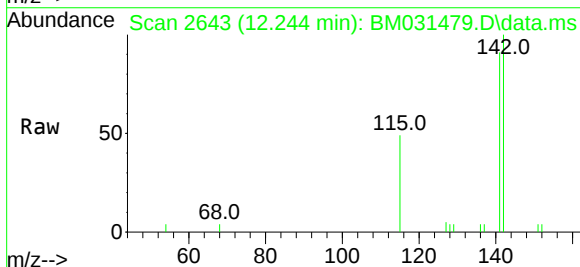
Instrument :
BNA_M
ClientSampleId :
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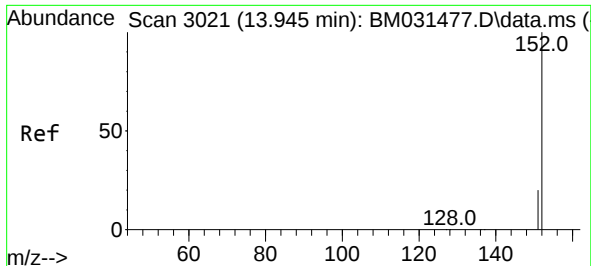
Tgt Ion:142 Resp: 2322
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.244 min Scan# 2643
Delta R.T. -0.001 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:142 Resp: 2166
Ion Ratio Lower Upper
142 100
141 91.3 74.1 111.1

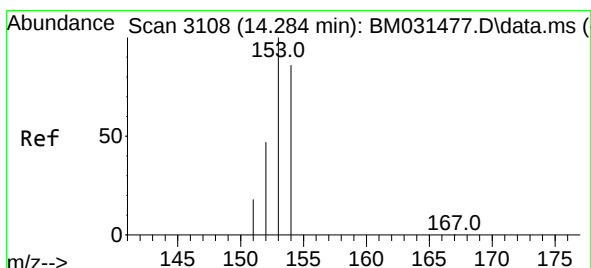
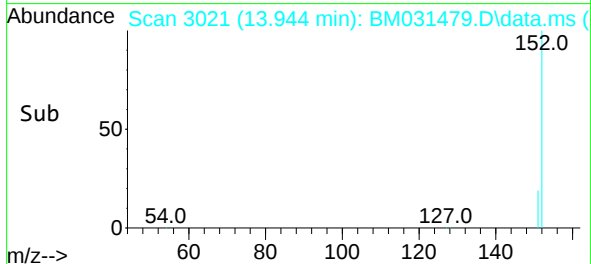
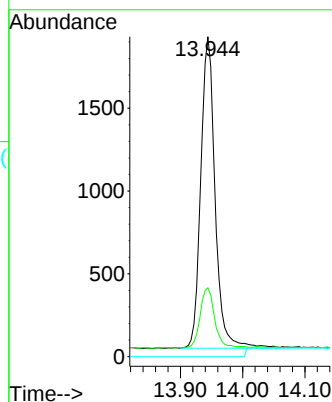
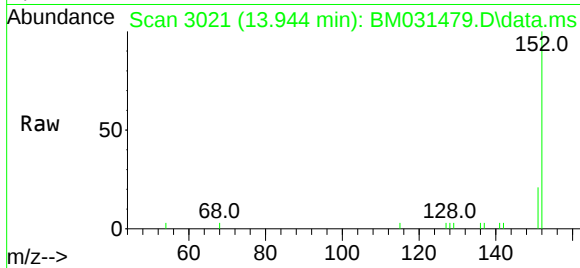




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 13.944 min Scan# 3021
Delta R.T. -0.001 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

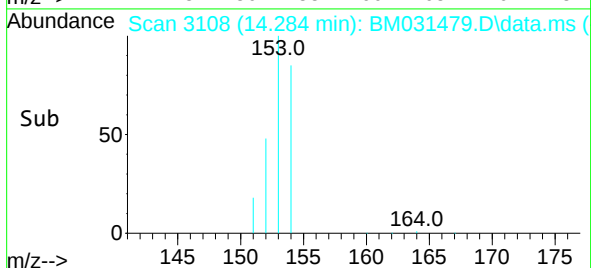
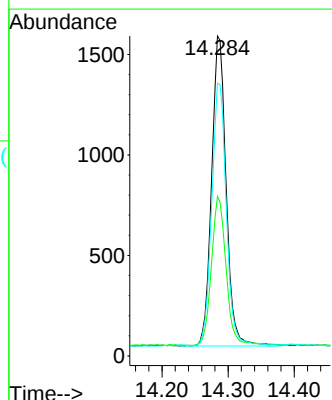
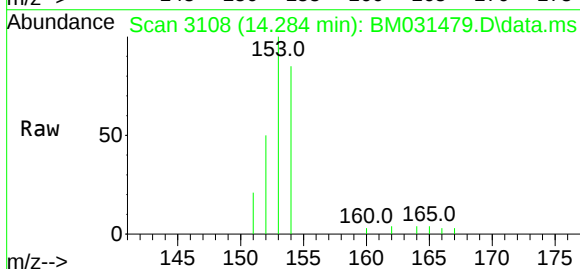
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BNA_M
ClientSampled :
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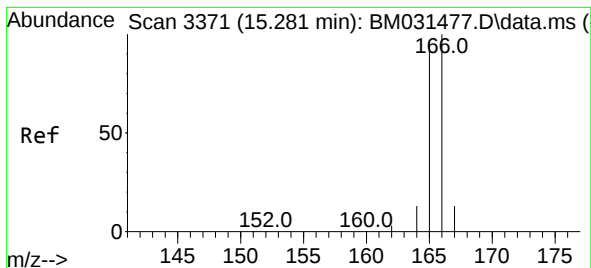
Tgt Ion:152 Resp: 2850
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.284 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:153 Resp: 2361
Ion Ratio Lower Upper
153 100
152 49.9 40.7 61.1
154 85.2 70.2 105.2

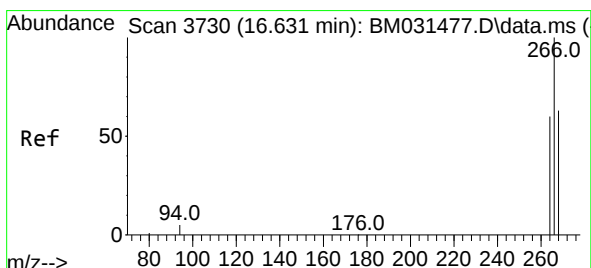
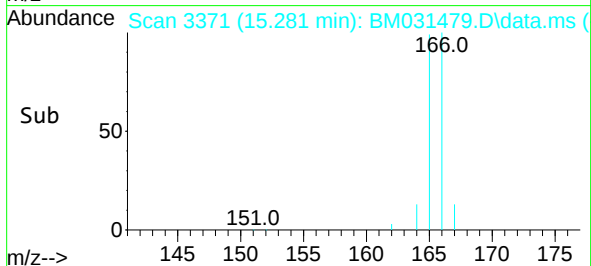
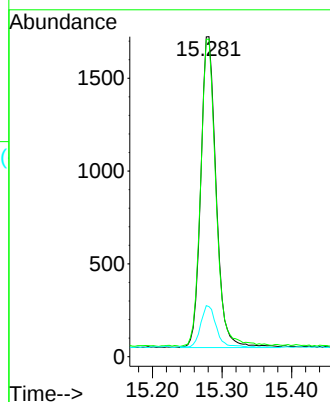
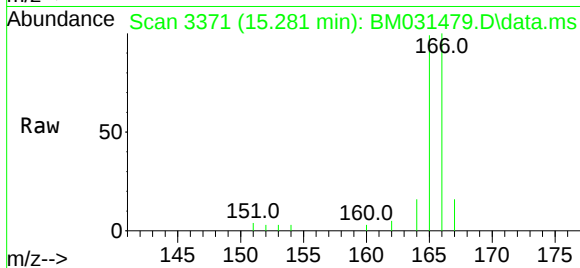




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.000 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

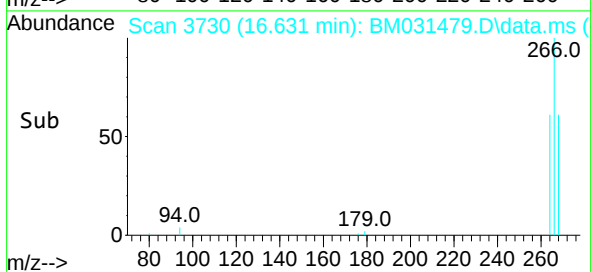
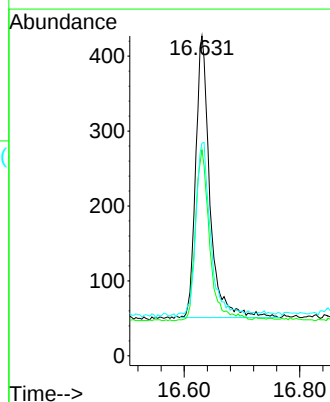
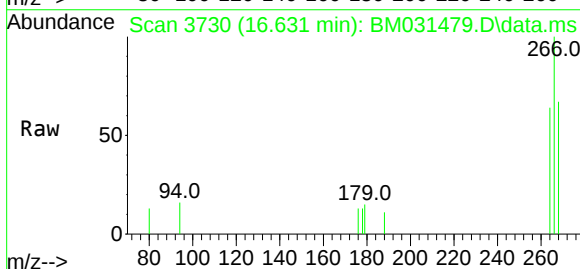
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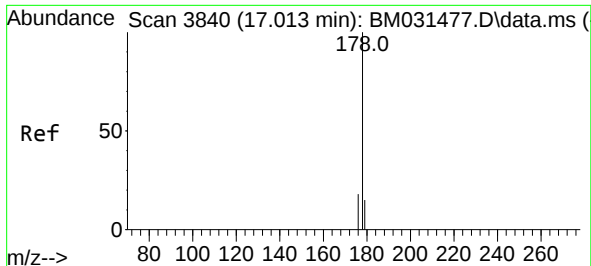
Tgt Ion:	166	Resp:	2573
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.0	117.0
167	15.7	12.0	18.0



#14
Pentachlorophenol
Concen: 0.517 ng/ul
RT: 16.631 min Scan# 3730
Delta R.T. -0.000 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:	266	Resp:	640
Ion Ratio	Lower	Upper	
266	100		
264	61.1	50.1	75.1
268	68.3	51.3	76.9

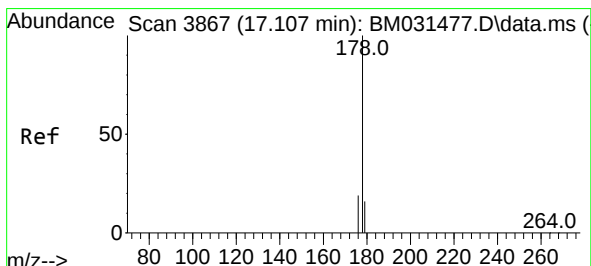
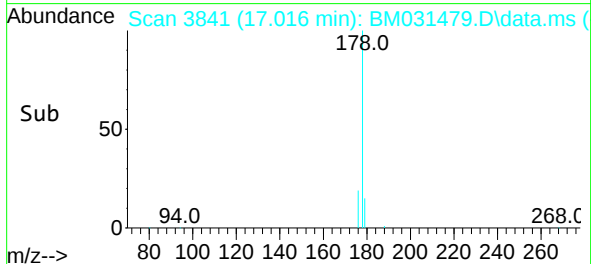
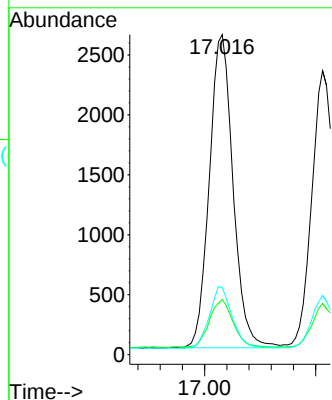
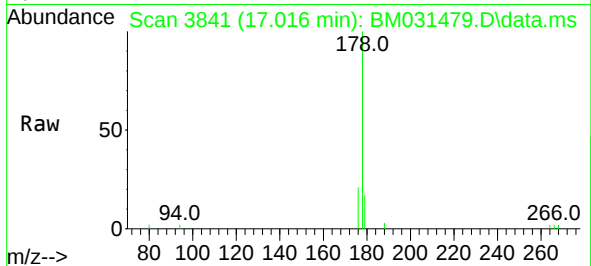




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. 0.003 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

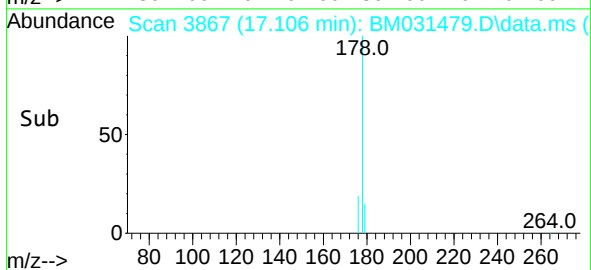
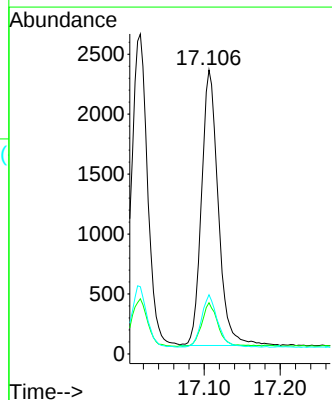
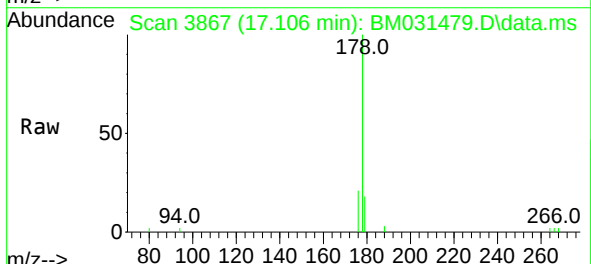
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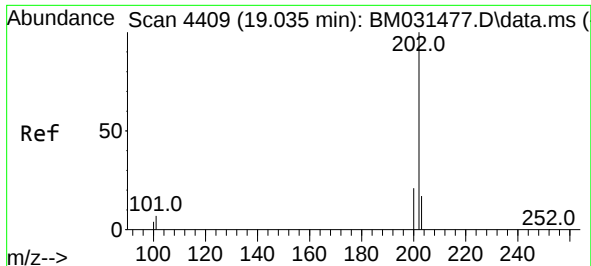
Tgt Ion:178 Resp: 3863
Ion Ratio Lower Upper
178 100
179 17.2 13.3 19.9
176 21.0 16.2 24.4



#16
Anthracene
Concen: 0.307 ng/ul
RT: 17.106 min Scan# 3867
Delta R.T. -0.000 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:178 Resp: 3520
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.6
176 20.9 15.6 23.4

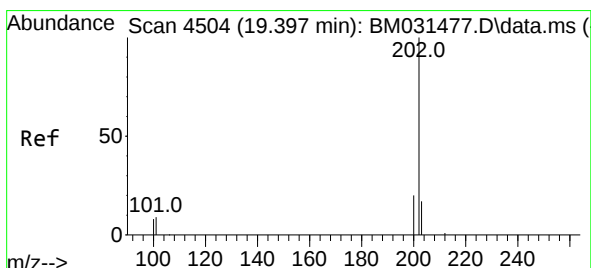
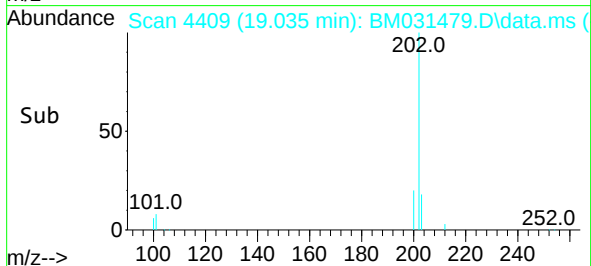
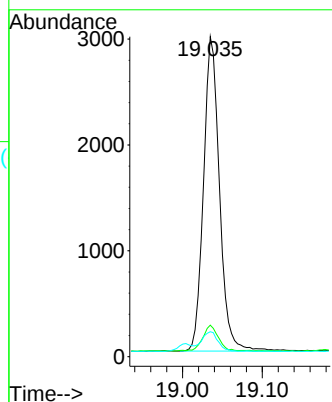
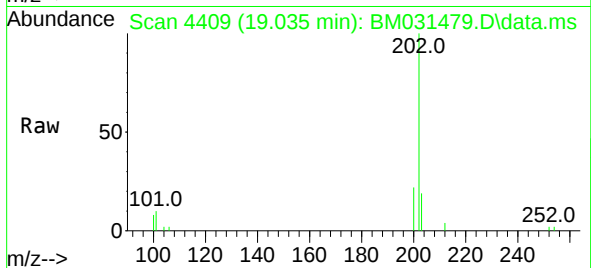




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.000 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

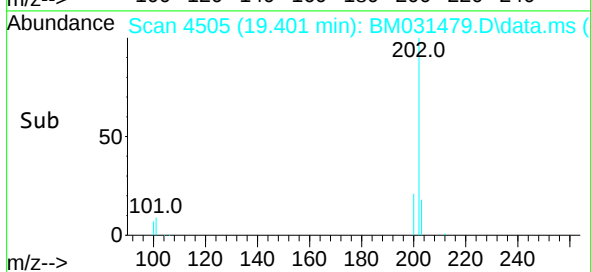
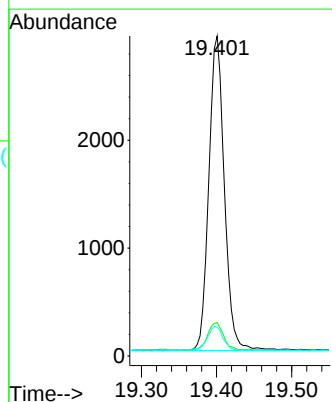
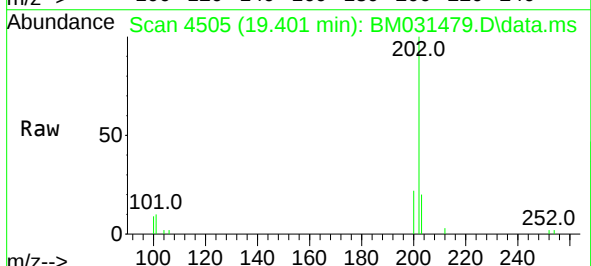
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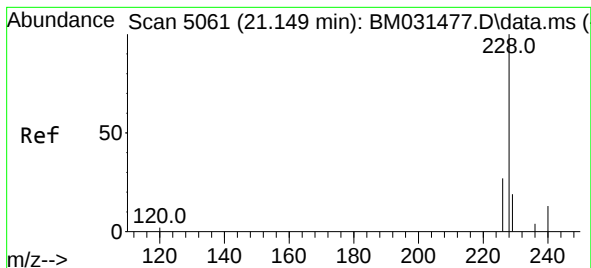
Tgt Ion:	202	Resp:	4138
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.6	10.0
100	7.8	5.4	8.0



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. 0.003 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:	202	Resp:	4177
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.8	11.6
100	9.0	6.6	10.0

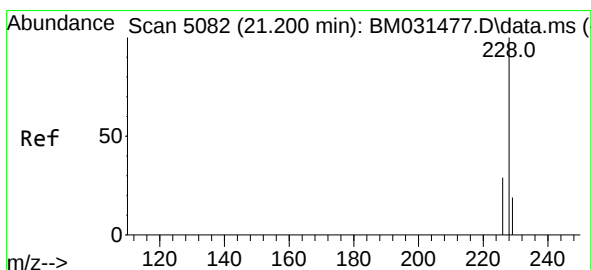
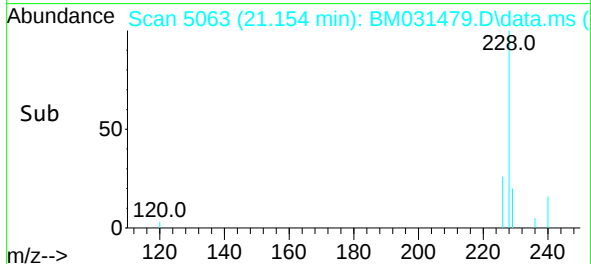
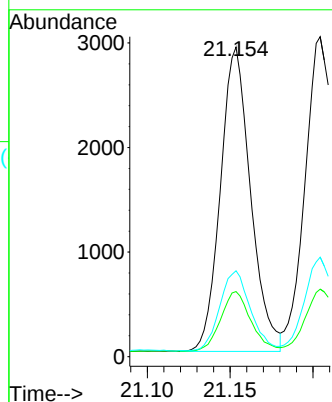
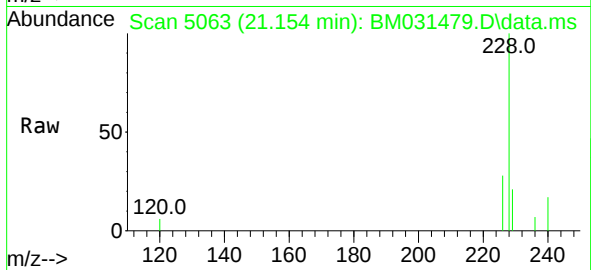




#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. 0.004 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

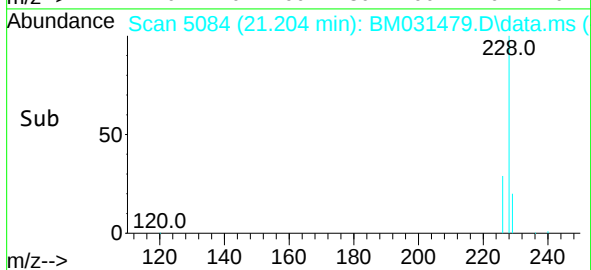
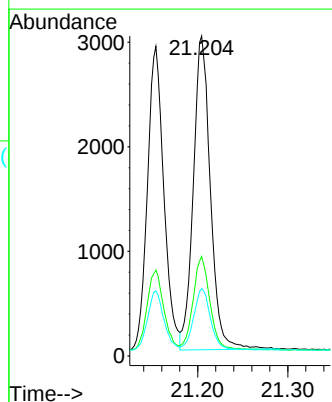
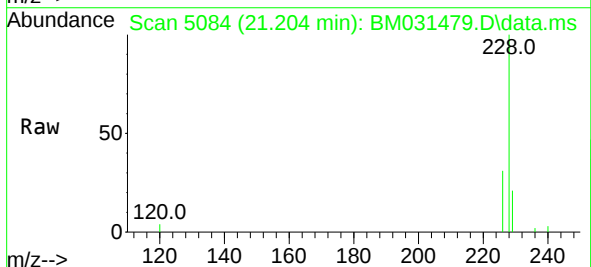
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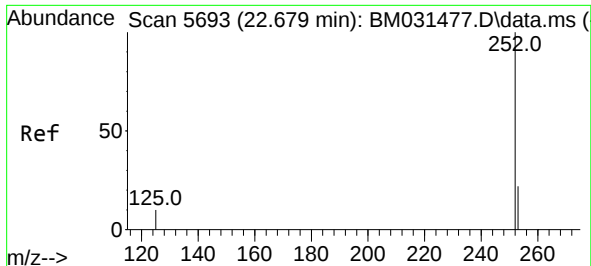
Tgt Ion:228	Resp:	3693
Ion	Ratio	Lower Upper
228	100	
229	21.0	15.6 23.4
226	27.7	21.7 32.5



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.204 min Scan# 5084
Delta R.T. 0.004 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:228	Resp:	3942
Ion	Ratio	Lower Upper
228	100	
226	31.1	24.7 37.1
229	21.1	16.2 24.2

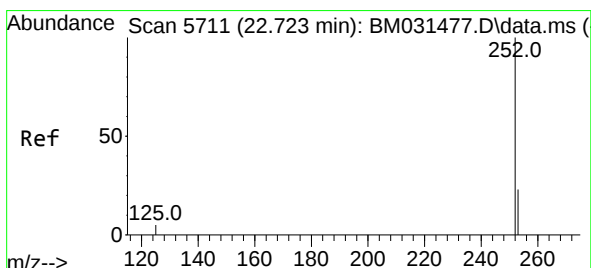
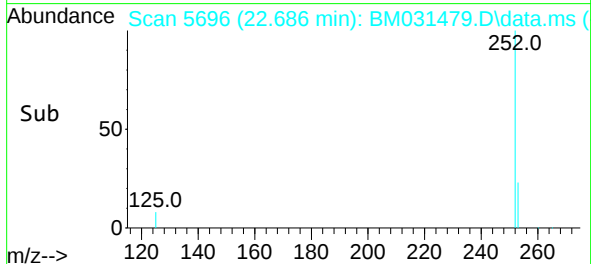
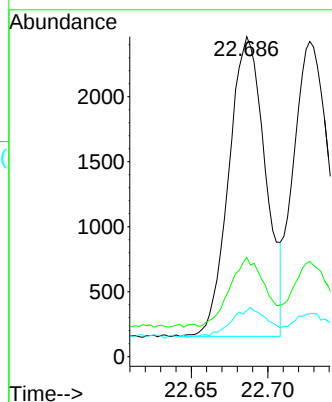
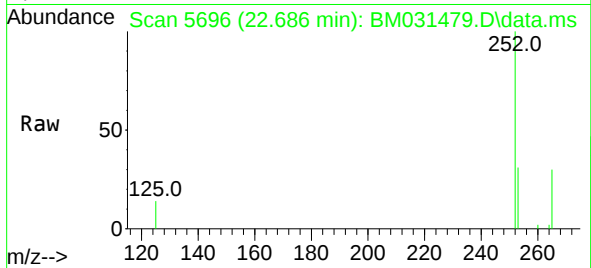




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.686 min Scan# 5696
Delta R.T. 0.007 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

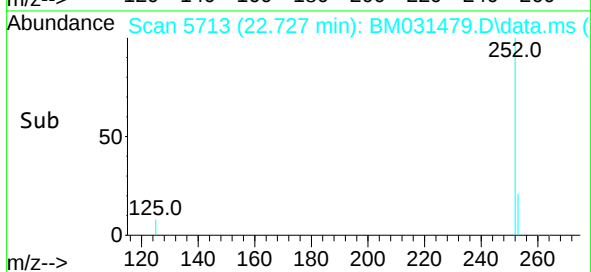
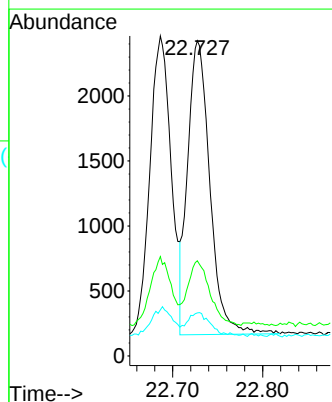
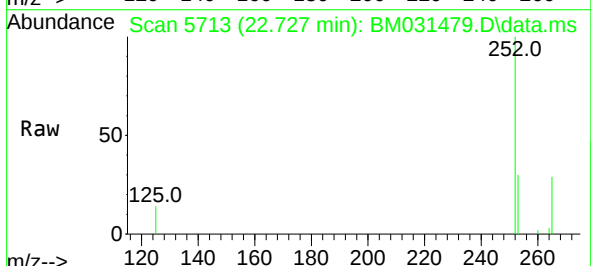
Instrument :
BNA_M
ClientSampleId :
SLCS047

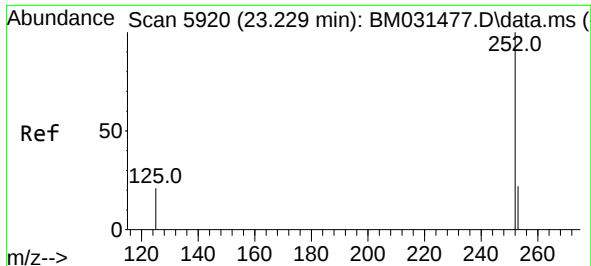
Tgt Ion:252 Resp: 3817
Ion Ratio Lower Upper
252 100
253 31.1 0.0 53.0
125 14.4 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 22.727 min Scan# 5713
Delta R.T. 0.004 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:252 Resp: 3885
Ion Ratio Lower Upper
252 100
253 30.2 21.3 31.9
125 13.6 8.8 13.2#

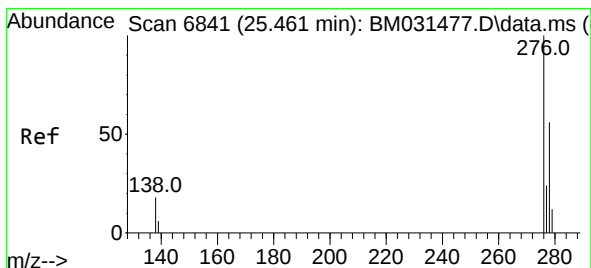
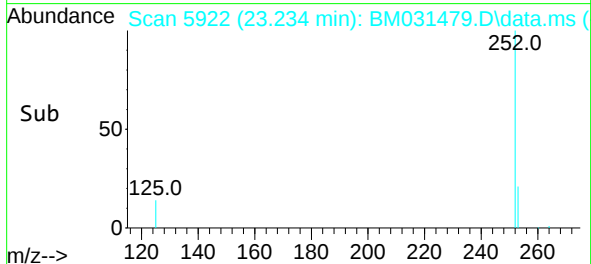
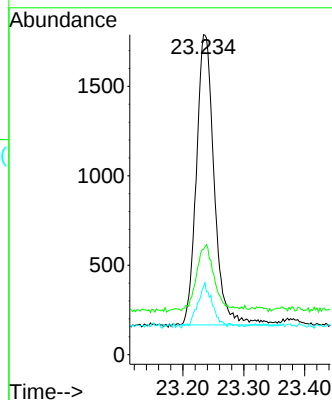
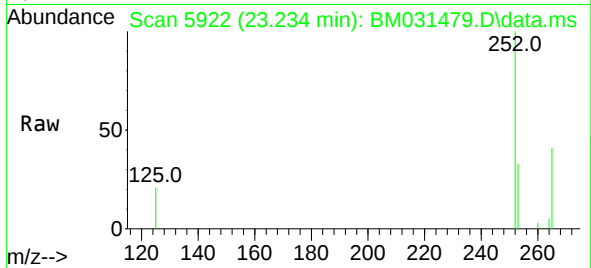




#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. 0.004 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

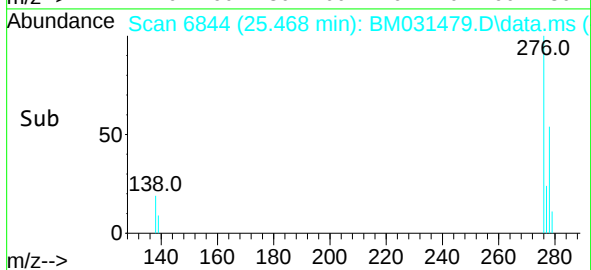
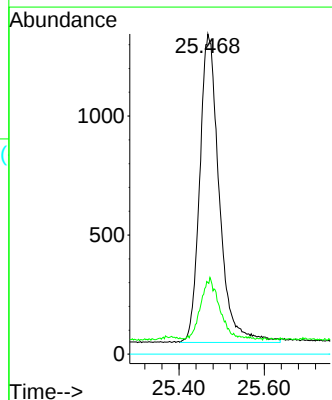
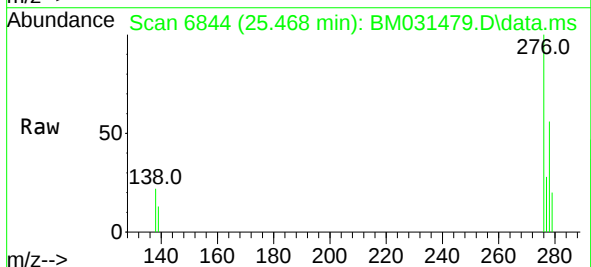
Instrument :
BNA_M
ClientSampleId :
SLCS047

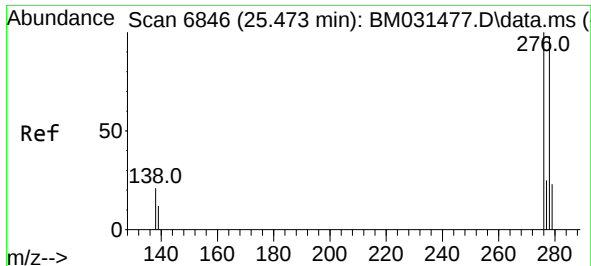
Tgt Ion:252 Resp: 3313
Ion Ratio Lower Upper
252 100
253 32.9 22.4 33.6
125 21.2 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. 0.007 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:276 Resp: 4106
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0

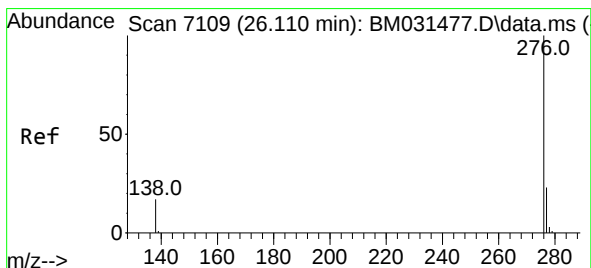
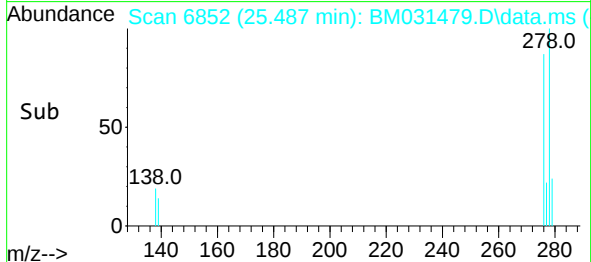
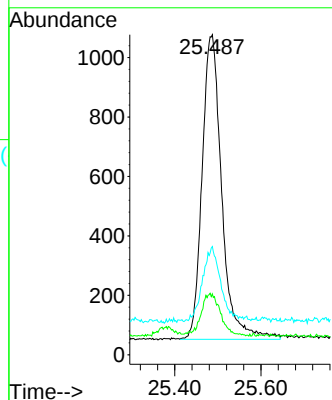
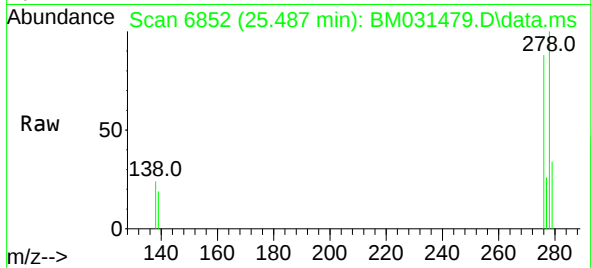




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. 0.014 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Instrument :
BNA_M
ClientSampleId :
SLCS047

Tgt Ion:	278	Resp:	3235
Ion Ratio	Lower	Upper	
278	100		
139	19.0	13.3	19.9
279	33.8	22.8	34.2



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 26.117 min Scan# 7112
Delta R.T. 0.007 min
Lab File: BM031479.D
Acq: 05 Aug 2021 11:47

Tgt Ion:	276	Resp:	3538
Ion Ratio	Lower	Upper	
276	100		
138	22.1	15.4	23.2
277	27.0	19.9	29.9

