

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019479.D
 Acq On : 18 Apr 2022 15:20
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV229

Quant Time: Apr 18 19:11:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 15:28:08 2022
 Response via : Initial Calibration

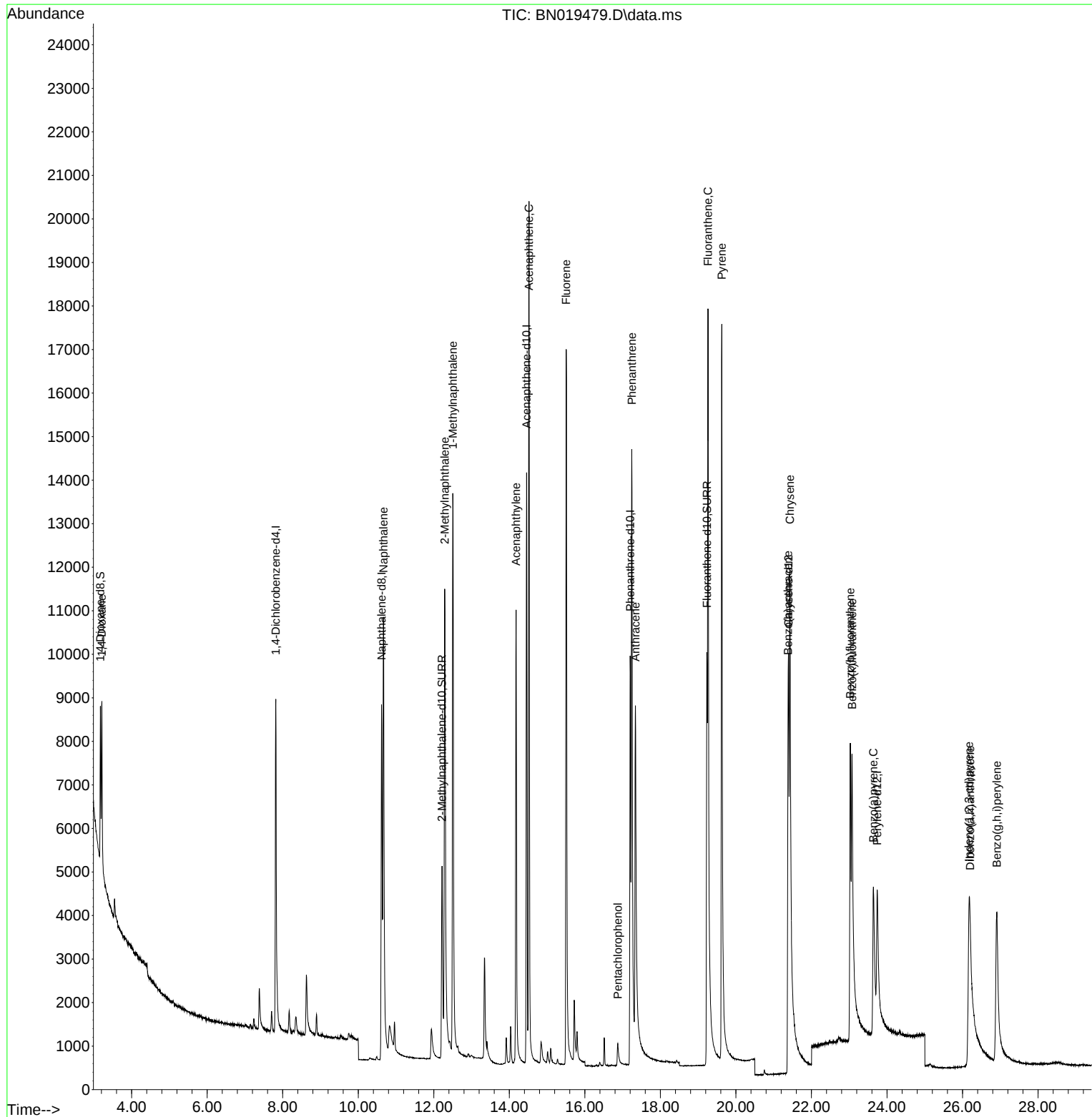
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	4741	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	14181	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	8096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	13444	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	8232	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	5740	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	2335	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.219	152	8206	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	15030	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	2150	0.366	ng/ul#	62
5) Naphthalene	10.668	128	17563	0.436	ng/ul	99
7) 2-Methylnaphthalene	12.290	142	10889	0.434	ng/ul#	100
8) 1-Methylnaphthalene	12.505	142	10976	0.406	ng/ul#	100
10) Acenaphthylene	14.179	152	14163	0.475	ng/ul	99
11) Acenaphthene	14.522	153	12629	0.430	ng/ul	99
12) Fluorene	15.507	166	13002	0.431	ng/ul	99
14) Pentachlorophenol	16.872	266	622	0.347	ng/ul	87
15) Phenanthrene	17.244	178	19172	0.419	ng/ul	99
16) Anthracene	17.341	178	14015	0.426	ng/ul	99
19) Fluoranthene	19.263	202	19652	0.430	ng/ul	99
20) Pyrene	19.626	202	20978	0.424	ng/ul	99
21) Benzo(a)anthracene	21.380	228	9702	0.412	ng/ul	100
22) Chrysene	21.430	228	13538	0.442	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	10978	0.403	ng/ul	94
25) Benzo(k)fluoranthene	23.076	252	12581	0.423	ng/ul	99
26) Benzo(a)pyrene	23.640	252	10187	0.431	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.172	276	10868	0.451	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.199	278	7887	0.493	ng/ul#	89
29) Benzo(g,h,i)perylene	26.910	276	11302	0.443	ng/ul	99

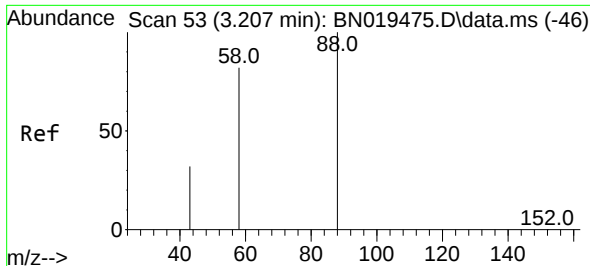
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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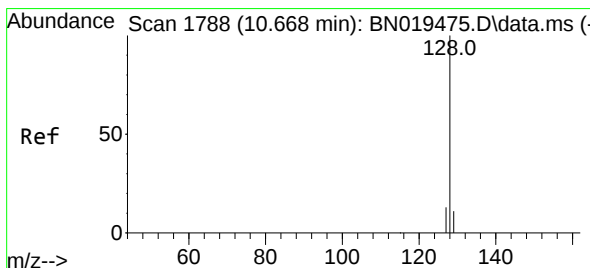
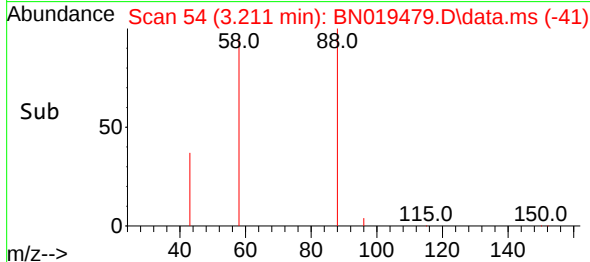
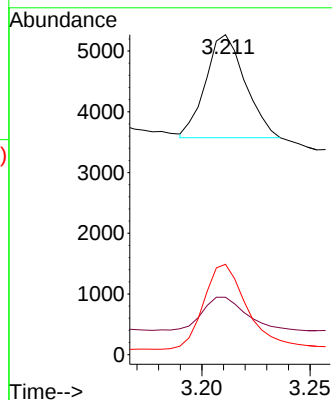
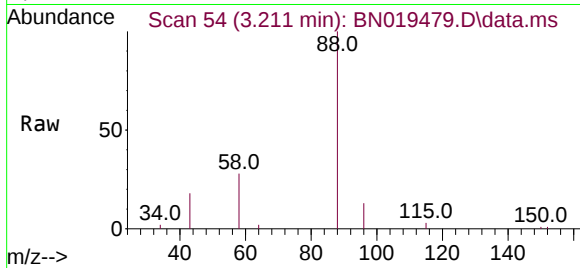




#2
1,4-Dioxane
Concen: 0.366 ng/ul
RT: 3.211 min Scan# 54
Delta R.T. 0.004 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

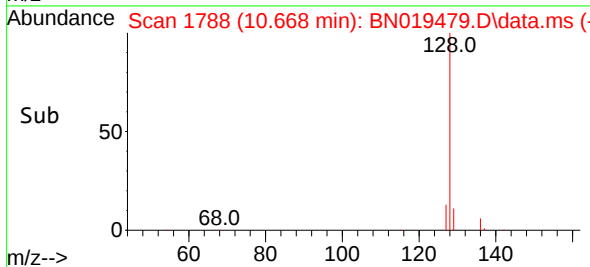
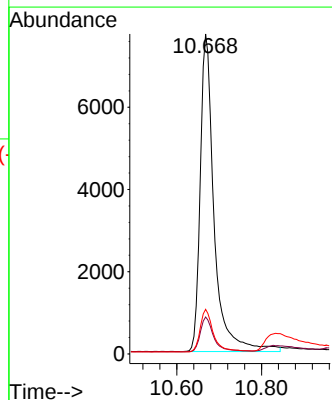
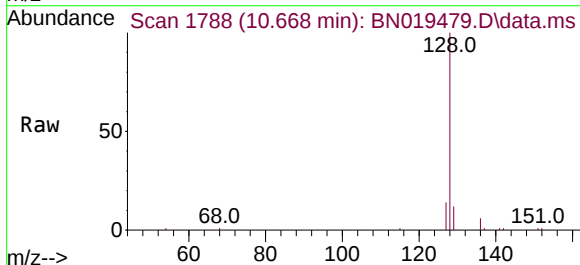
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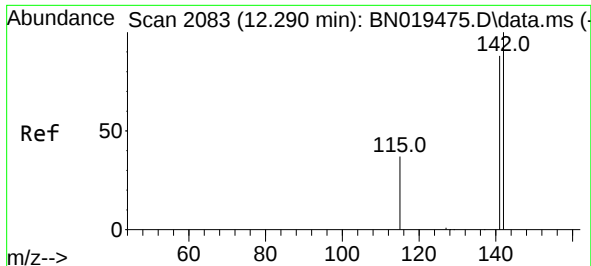
Tgt Ion: 88 Resp: 2150
Ion Ratio Lower Upper
88 100
43 18.0 39.0 58.4#
58 28.3 39.8 59.8#



#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.668 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion: 128 Resp: 17563
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.9 11.0 16.4

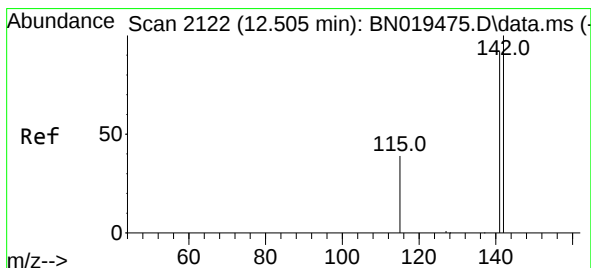
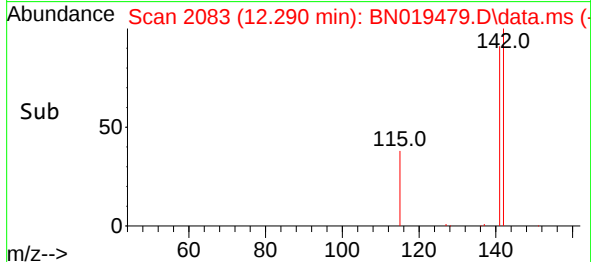
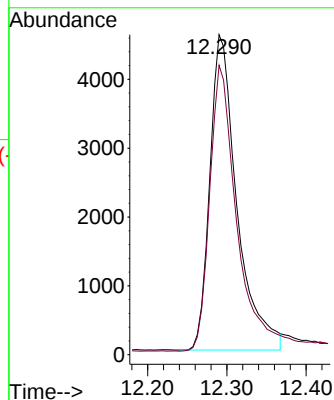
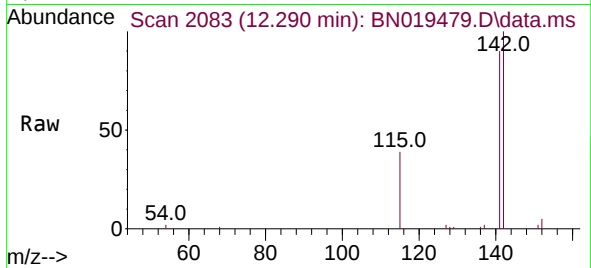




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

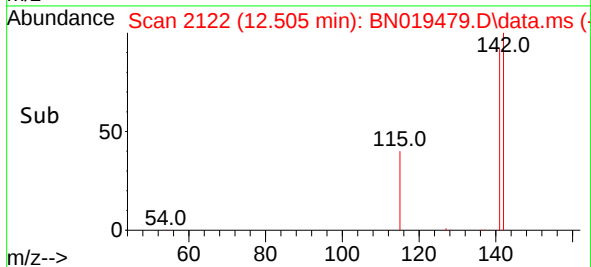
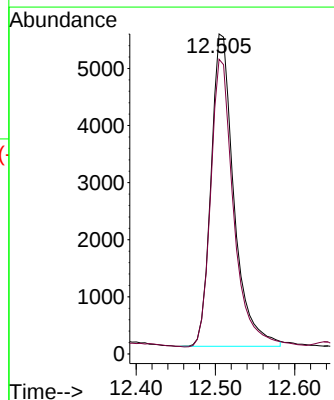
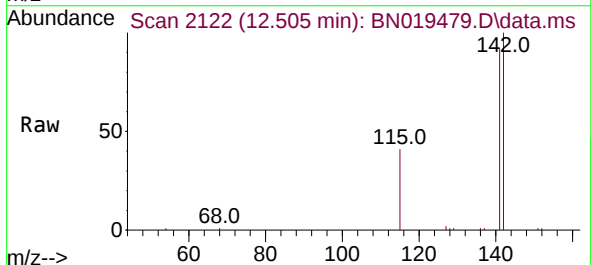
Instrument :
BNA_N
ClientSampleId :
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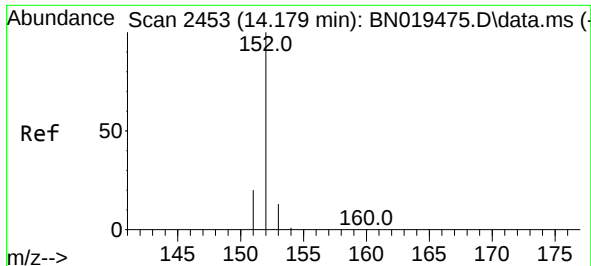
Tgt Ion:142 Resp: 10889
Ion Ratio Lower Upper
142 100
141 89.7 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:142 Resp: 10976
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

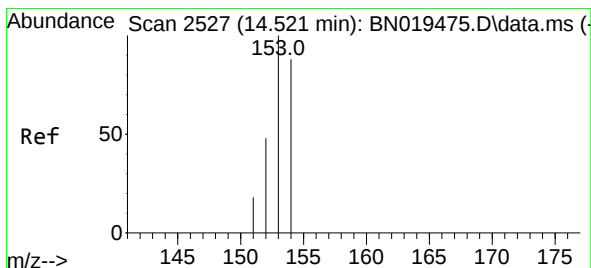
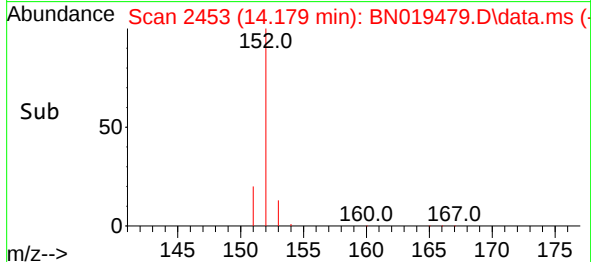
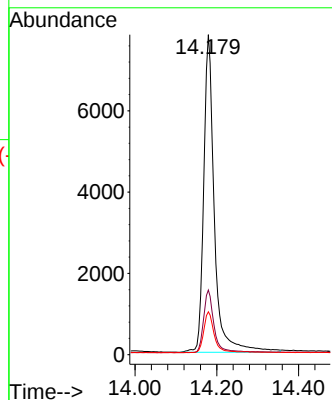
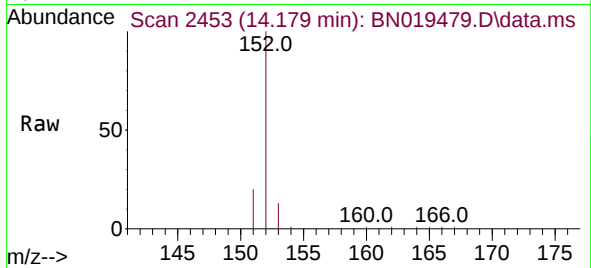




#10
Acenaphthylene
Concen: 0.475 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

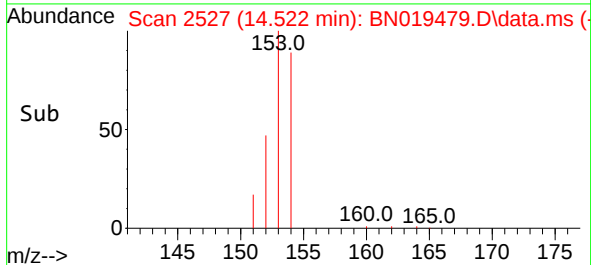
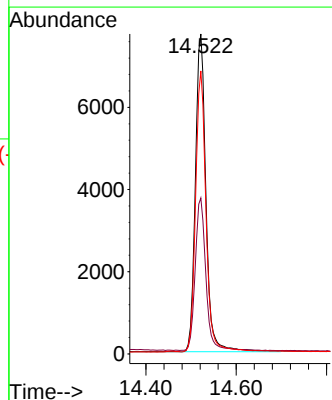
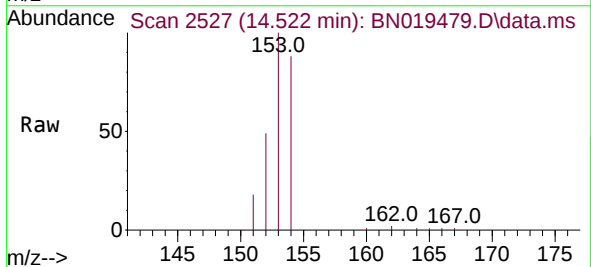
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BNA_N
ClientSampleId :
SICV229

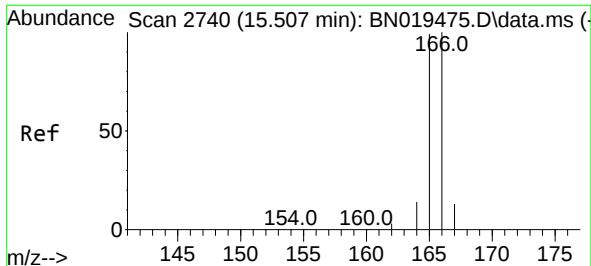
Tgt Ion:152	Resp:	14163
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.3 24.5
153	13.4	11.1 16.7



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.522 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:153	Resp:	12629
Ion Ratio	Lower	Upper
153	100	
152	48.7	38.6 57.8
154	88.5	71.2 106.8

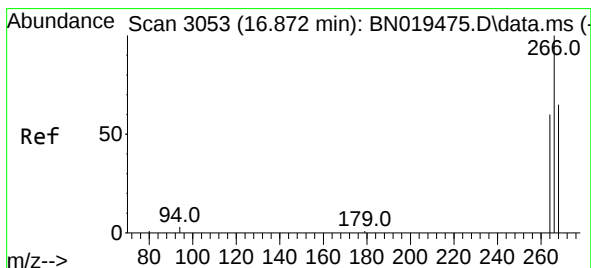
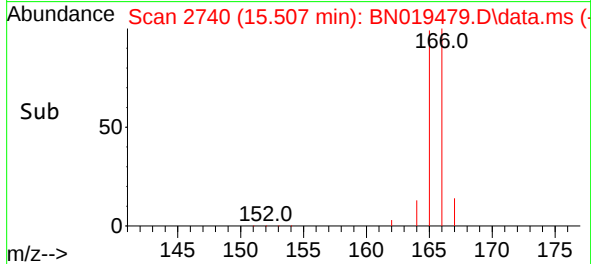
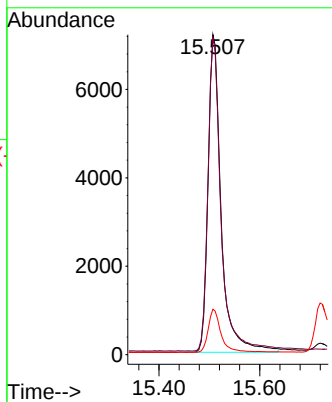
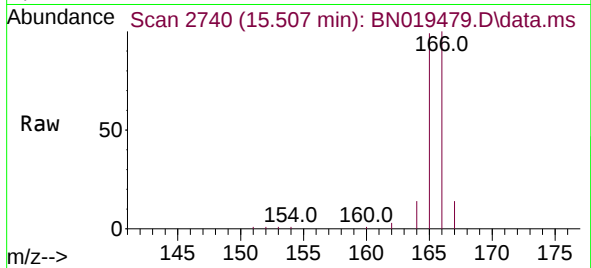




#12
Fluorene
Concen: 0.431 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

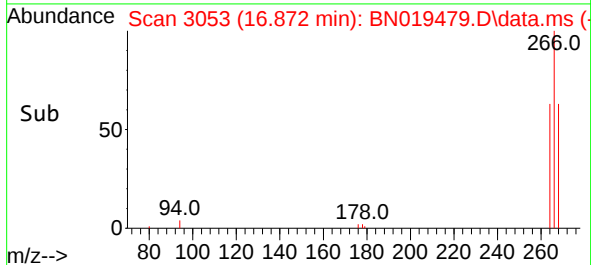
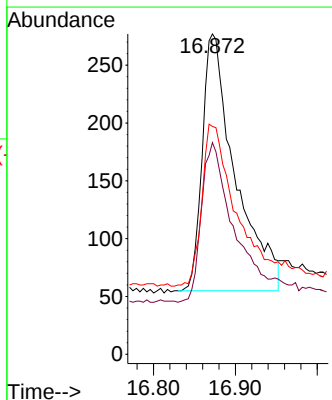
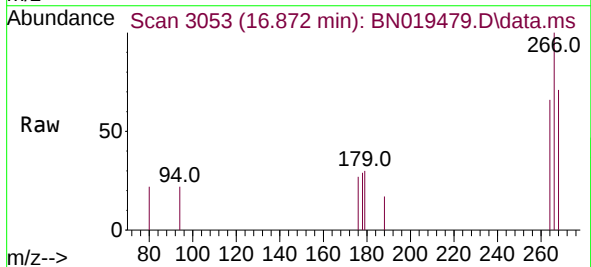
Instrument :
BNA_N
ClientSampleId :
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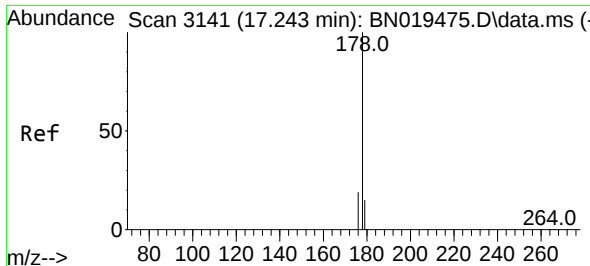
Tgt Ion:166 Resp: 13002
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.2
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.347 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:266 Resp: 622
Ion Ratio Lower Upper
266 100
264 64.3 44.9 67.3
268 66.9 44.6 67.0

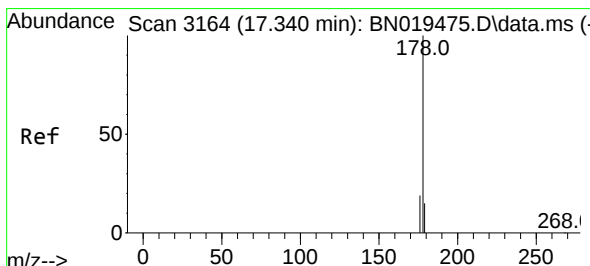
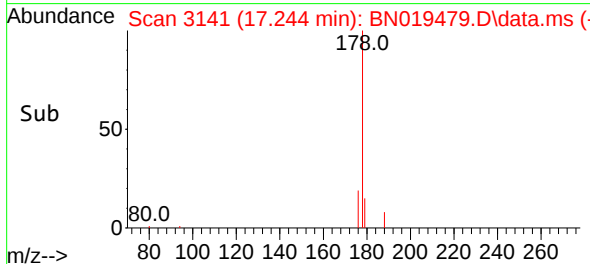
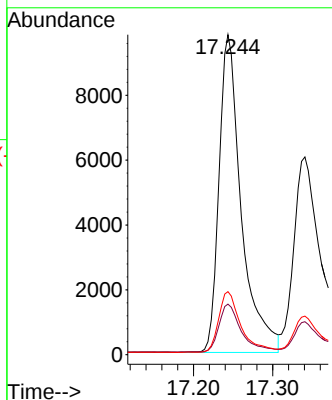
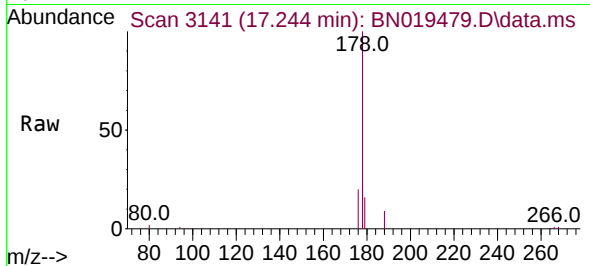




#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.244 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

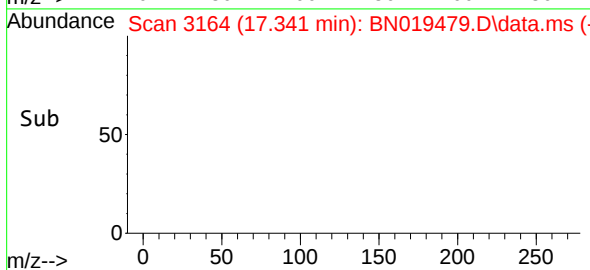
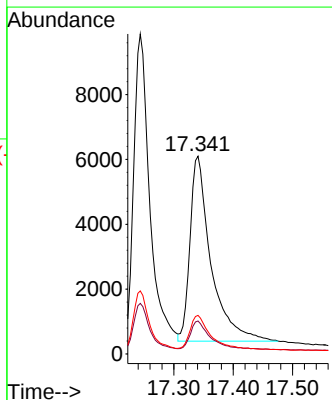
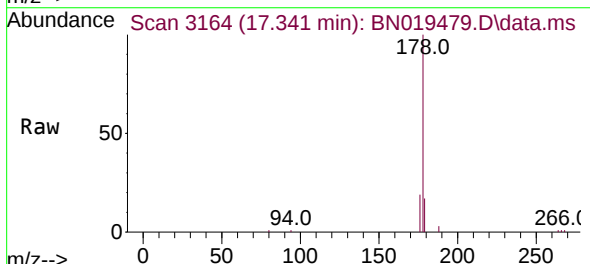
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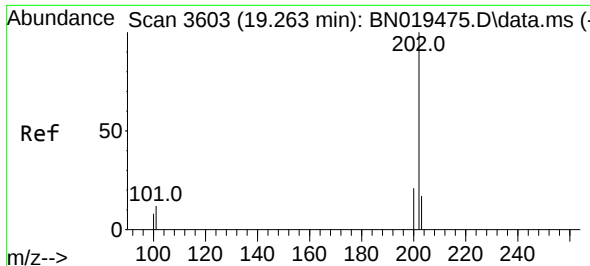
Tgt Ion:	178	Resp:	19172
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	19.7	15.5	23.3



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.341 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:	178	Resp:	14015
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.1	19.7
176	19.5	15.3	22.9

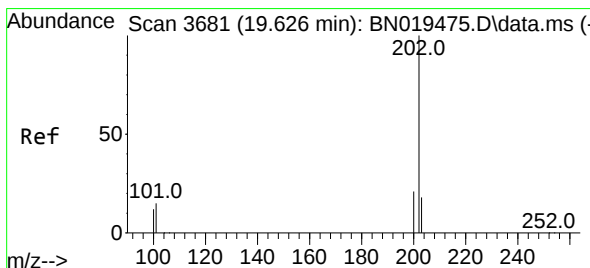
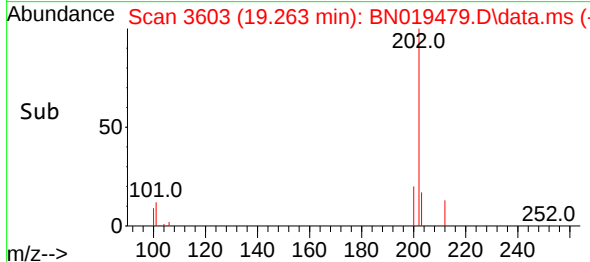
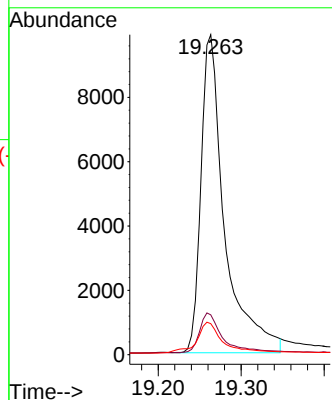
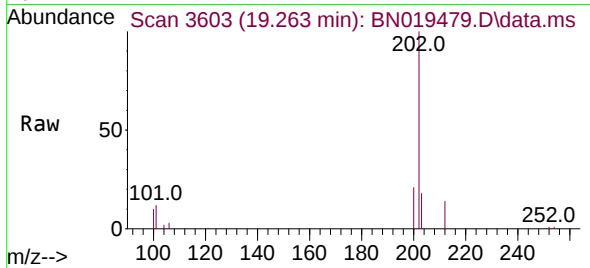




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.263 min Scan# 3603
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

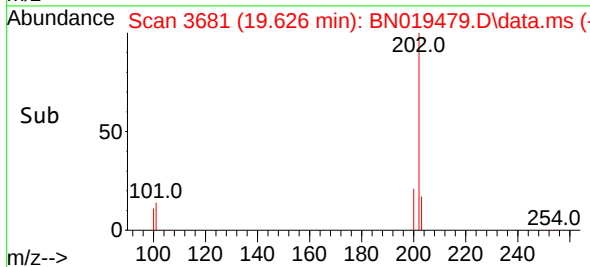
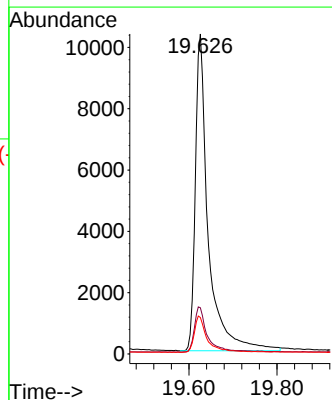
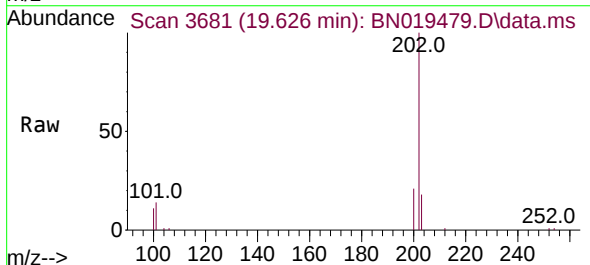
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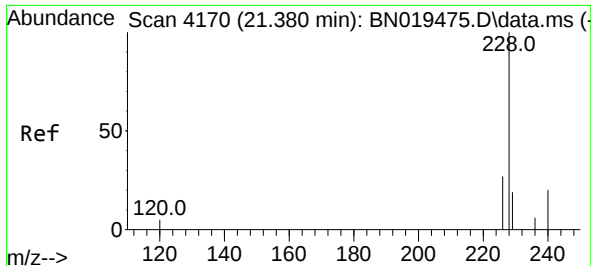
Tgt Ion:202 Resp: 19652
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.7 7.4 11.2



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:202 Resp: 20978
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.4 9.0 13.4

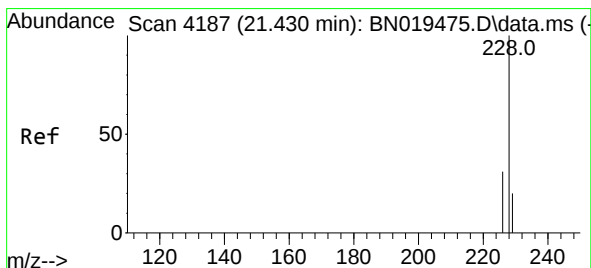
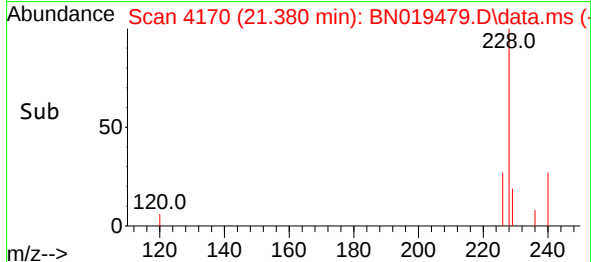
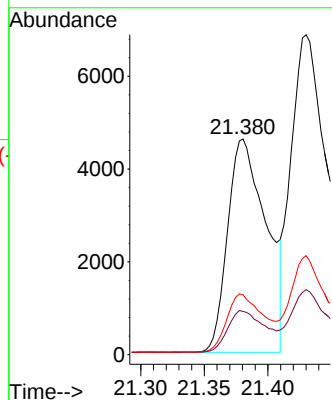
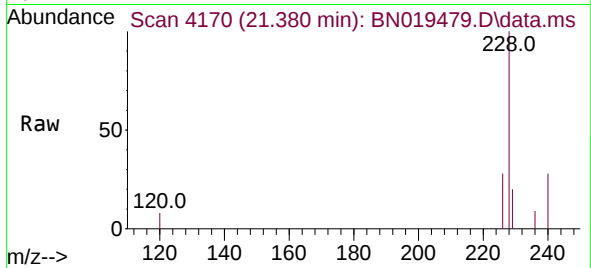




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.380 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

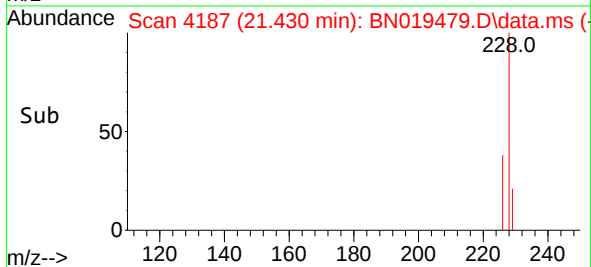
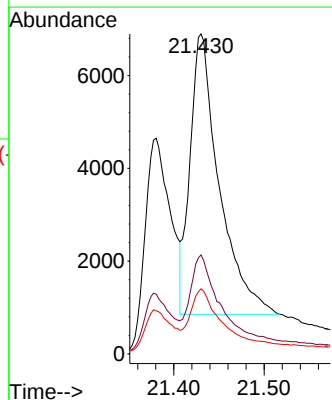
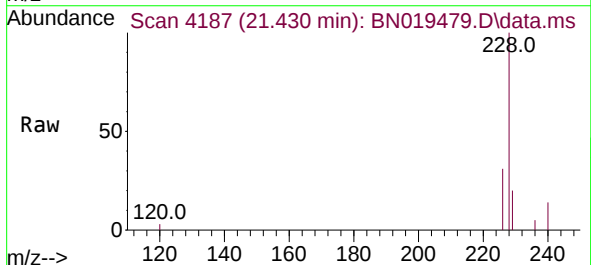
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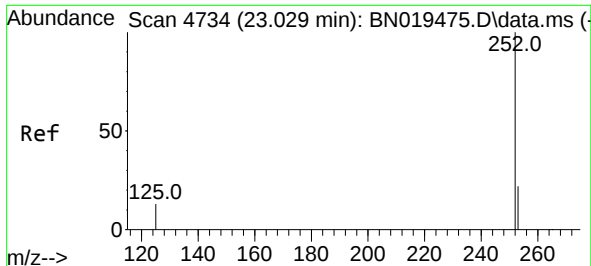
Tgt Ion:228 Resp: 9702
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:228 Resp: 13538
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 20.4 16.0 24.0

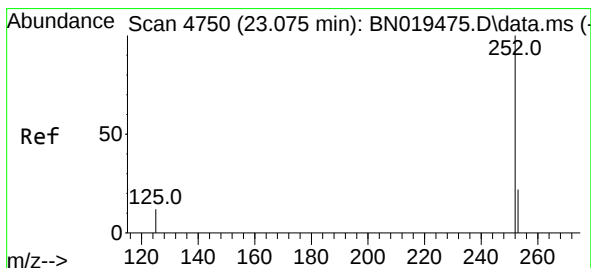
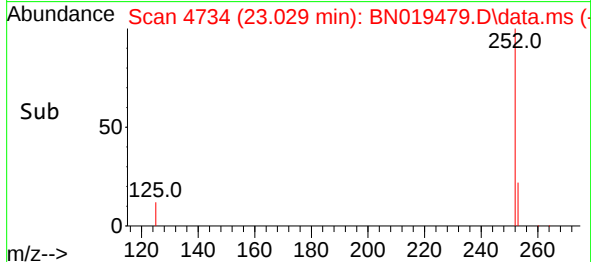
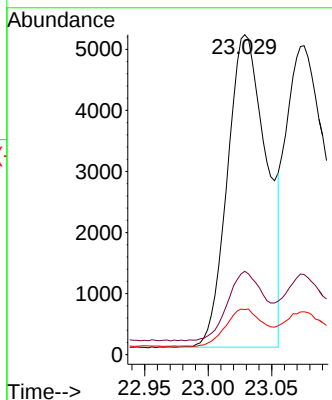
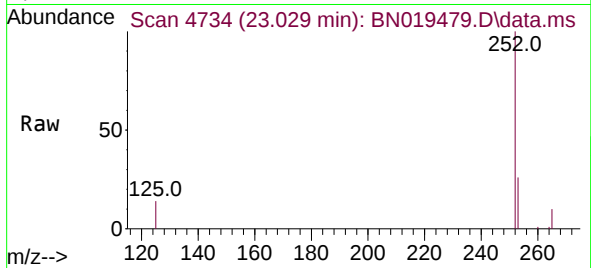




#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.029 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

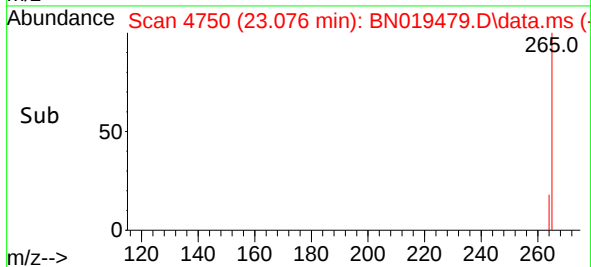
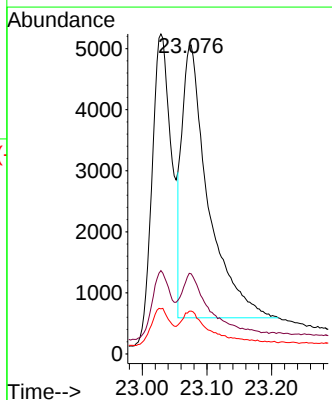
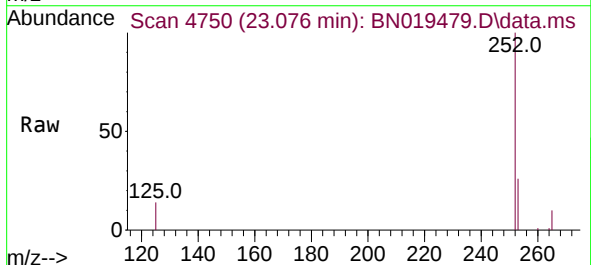
Instrument :
BNA_N
ClientSampleId :
SICV229

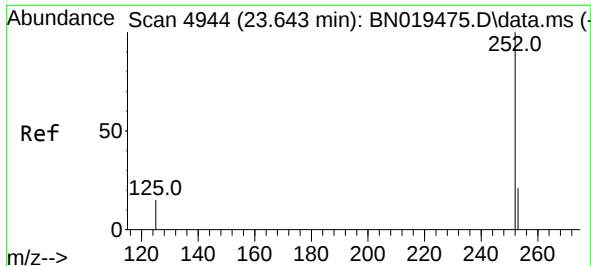
Tgt Ion:252 Resp: 10978
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.0
125 14.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.076 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:252 Resp: 12581
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 13.9 11.0 16.6

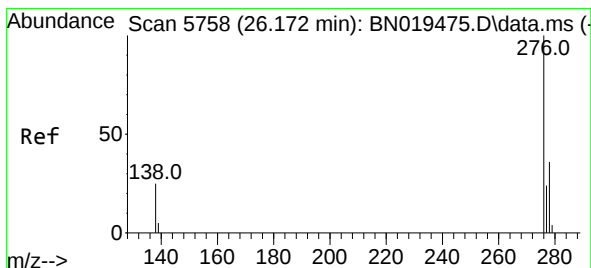
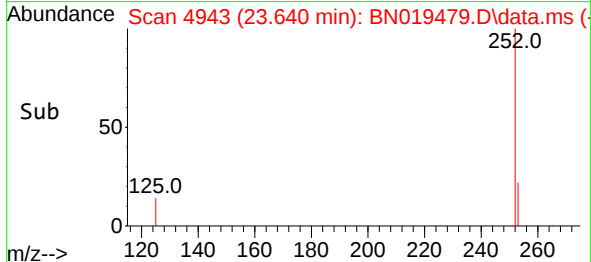
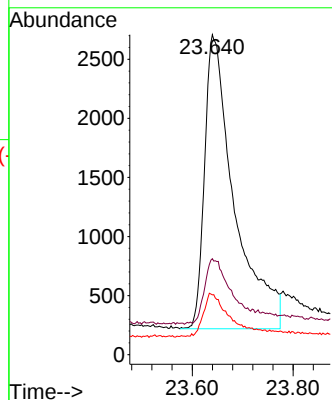
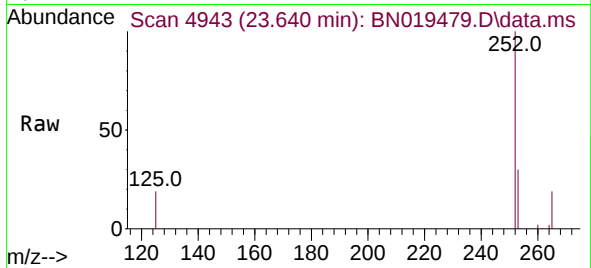




#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.640 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

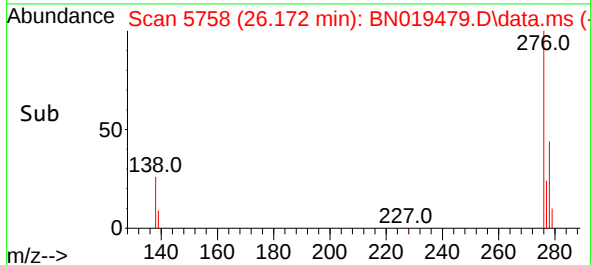
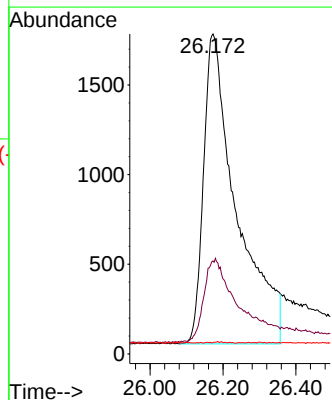
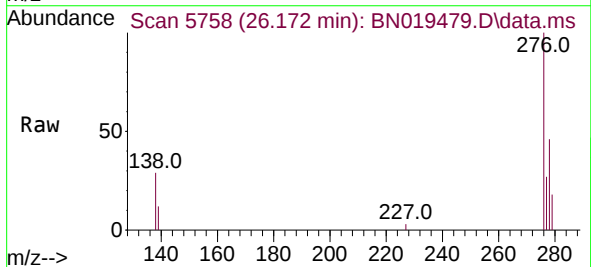
Instrument :
BNA_N
ClientSampleId :
SICV229

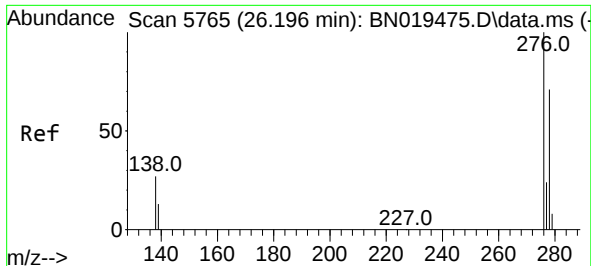
Tgt Ion:252 Resp: 10187
Ion Ratio Lower Upper
252 100
253 30.0 23.4 35.0
125 18.7 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. 0.000 min
Lab File: BN019479.D
Acq: 18 Apr 2022 15:20

Tgt Ion:276 Resp: 10868
Ion Ratio Lower Upper
276 100
138 27.9 23.6 35.4
227 0.1 0.0 0.0#

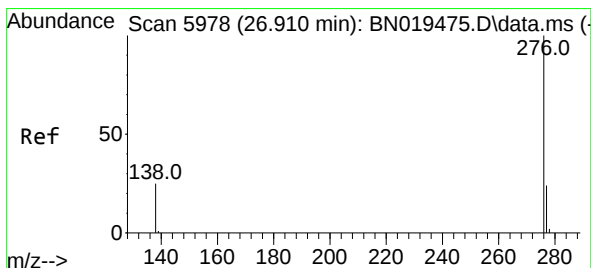
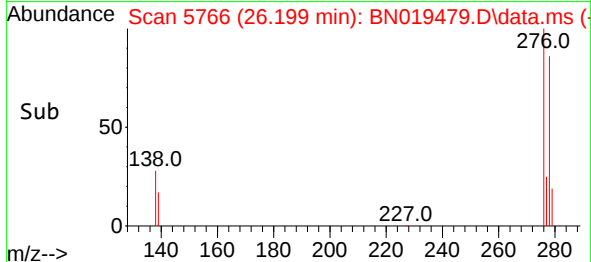
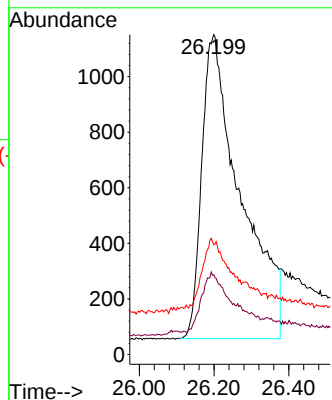
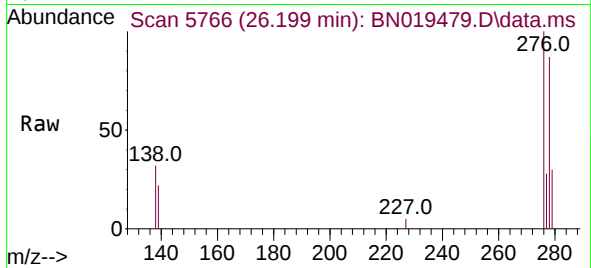




#28
 Dibenzo(a,h)anthracene
 Concen: 0.493 ng/ul
 RT: 26.199 min Scan# 51
 Delta R.T. 0.004 min
 Lab File: BN019479.D
 Acq: 18 Apr 2022 15:20

Instrument :
 BNA_N
 ClientSampleId :
 SICV229

Tgt Ion:278 Resp: 7887
 Ion Ratio Lower Upper
 278 100
 139 24.9 18.6 28.0
 279 34.3 35.1 52.7#



#29
 Benzo(g,h,i)perylene
 Concen: 0.443 ng/ul
 RT: 26.910 min Scan# 5978
 Delta R.T. 0.000 min
 Lab File: BN019479.D
 Acq: 18 Apr 2022 15:20

Tgt Ion:276 Resp: 11302
 Ion Ratio Lower Upper
 276 100
 138 26.8 20.9 31.3
 277 25.9 20.4 30.6

