

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
 Data File : BN021336.D
 Acq On : 23 Aug 2022 19:50
 Operator : CG/JU
 Sample : PB147179BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS179

Quant Time: Aug 24 01:00:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 18:06:52 2022
 Response via : Initial Calibration

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

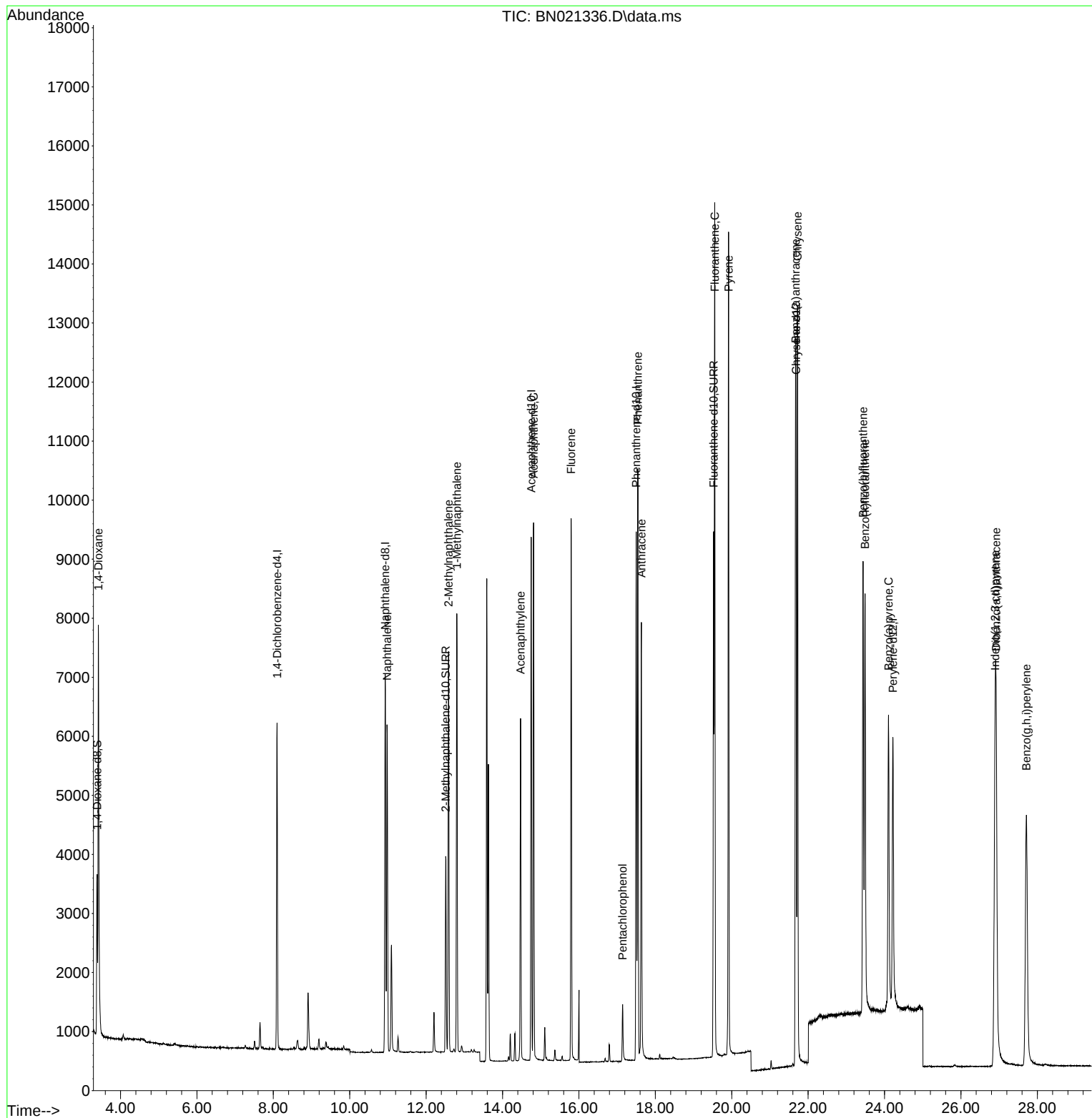
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2789	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8794	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4838	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	10370	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	8732	0.400	ng/ul	# 0.00
23) Perylene-d12	24.217	264	7072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2047	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4349	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	9244	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	5351	1.420	ng/ul#	89
5) Naphthalene	10.977	128	7689	0.276	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	4864	0.279	ng/ul	99
8) 1-Methylnaphthalene	12.802	142	5097	0.312	ng/ul	99
10) Acenaphthylene	14.471	152	6560	0.263	ng/ul	99
11) Acenaphthene	14.814	153	5195	0.272	ng/ul	99
12) Fluorene	15.795	166	5819	0.272	ng/ul	98
14) Pentachlorophenol	17.143	266	706	0.616	ng/ul	99
15) Phenanthrene	17.540	178	10517	0.274	ng/ul	100
16) Anthracene	17.633	178	8339	0.271	ng/ul	99
19) Fluoranthene	19.552	202	11914	0.288	ng/ul	98
20) Pyrene	19.915	202	11690	0.282	ng/ul	95
21) Benzo(a)anthracene	21.667	228	9276	0.306	ng/ul	99
22) Chrysene	21.723	228	11657	0.300	ng/ul	100
24) Benzo(b)fluoranthene	23.439	252	10698	0.352	ng/ul	97
25) Benzo(k)fluoranthene	23.489	252	10637	0.325	ng/ul	97
26) Benzo(a)pyrene	24.103	252	9050	0.316	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.891	276	11117	0.331	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.921	278	9259	0.335	ng/ul	95
29) Benzo(g,h,i)perylene	27.713	276	10640	0.319	ng/ul	98

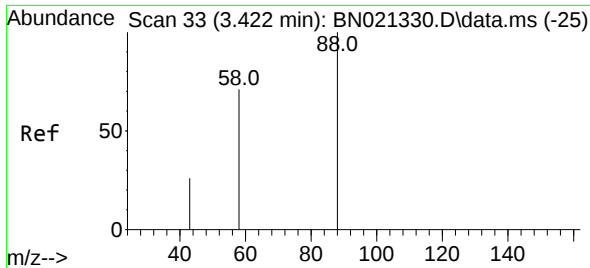
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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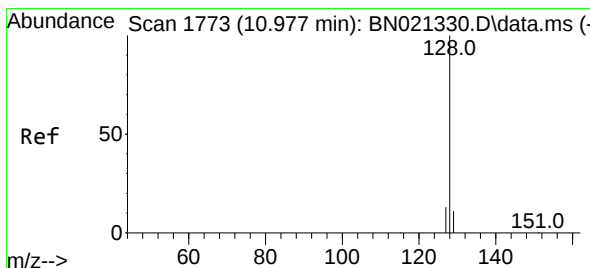
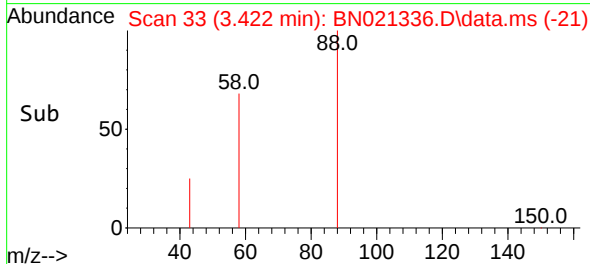
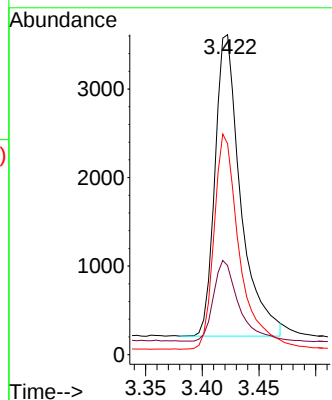
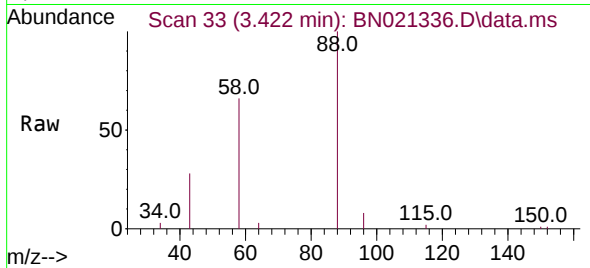




#2
1,4-Dioxane
Concen: 1.420 ng/ul
RT: 3.422 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

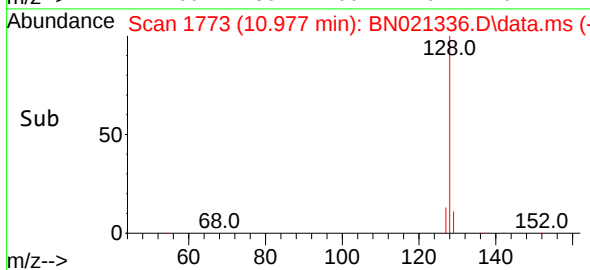
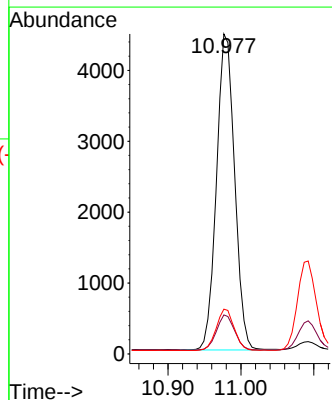
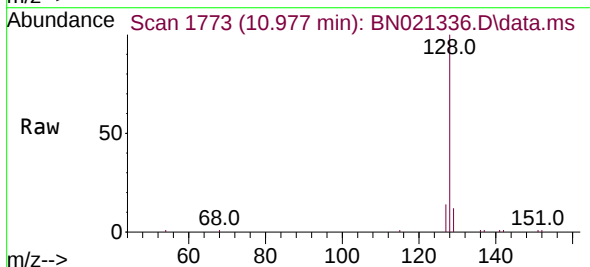
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BNA_N
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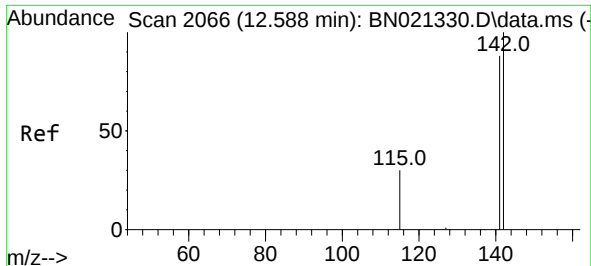
Tgt Ion: 88 Resp: 5351
Ion Ratio Lower Upper
88 100
43 27.8 31.4 47.0#
58 65.9 49.0 73.6



#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.977 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion: 128 Resp: 7689
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.0 11.6 17.4

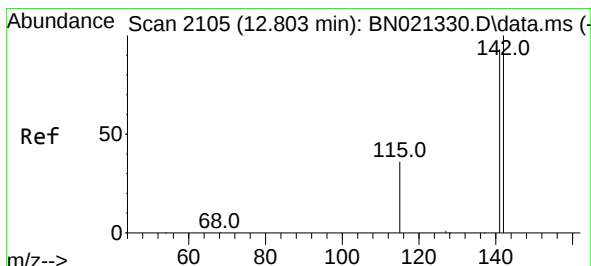
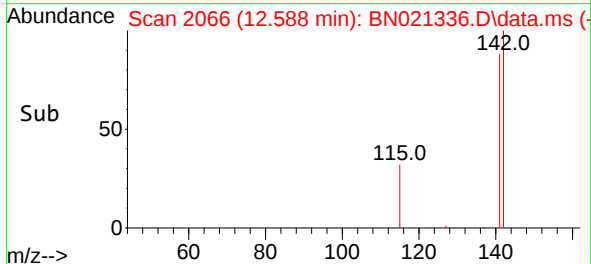
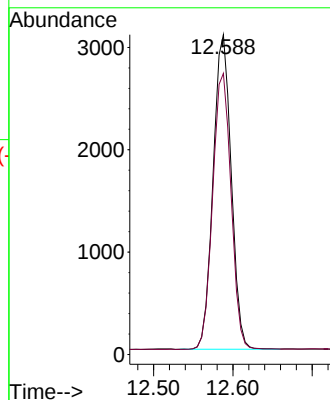
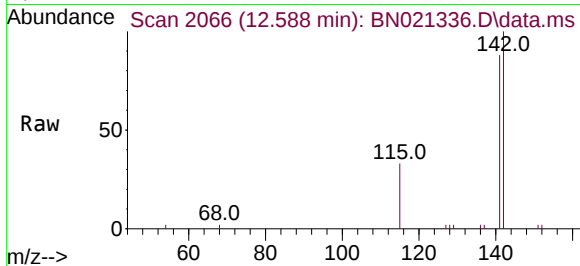




#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

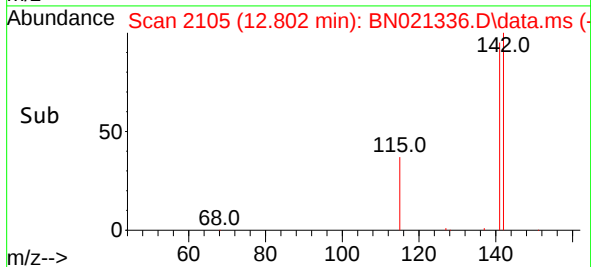
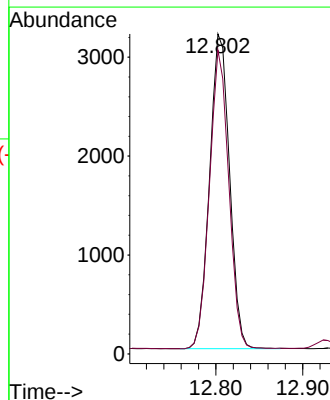
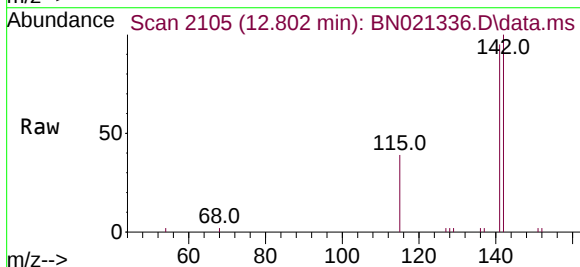
Instrument :
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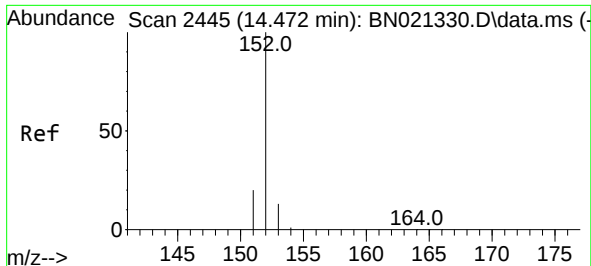
Tgt Ion:142 Resp: 4864
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.802 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:142 Resp: 5097
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9

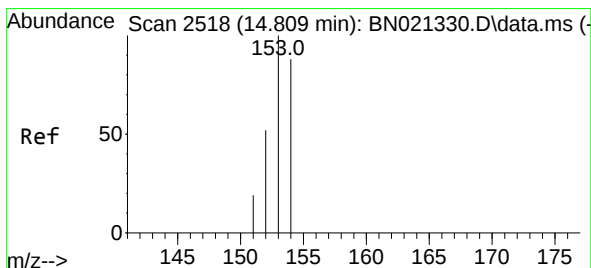
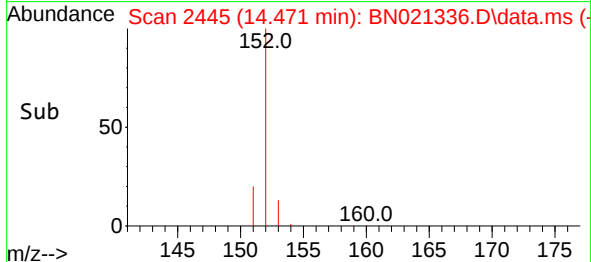
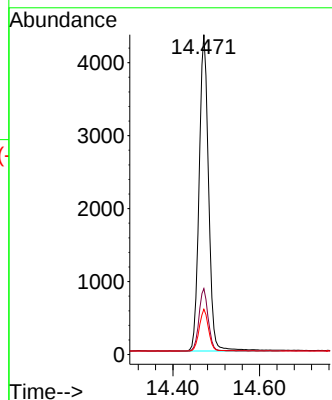
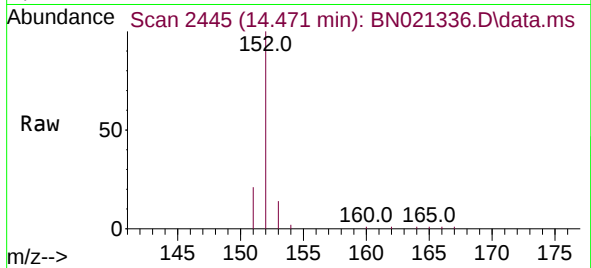




#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.471 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

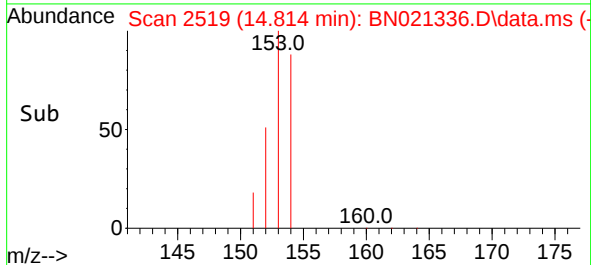
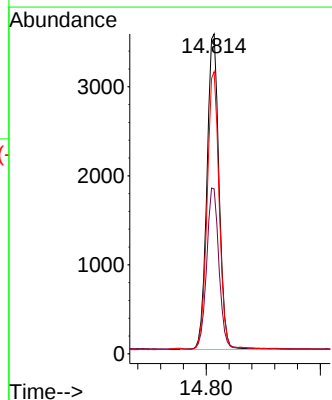
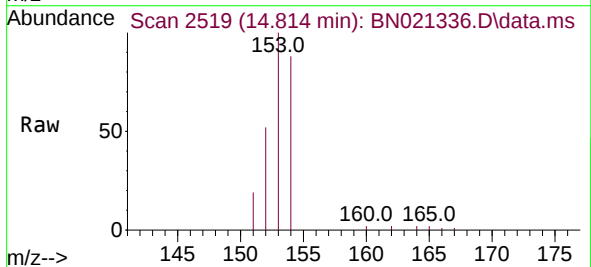
Instrument :
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ClientSampleId :
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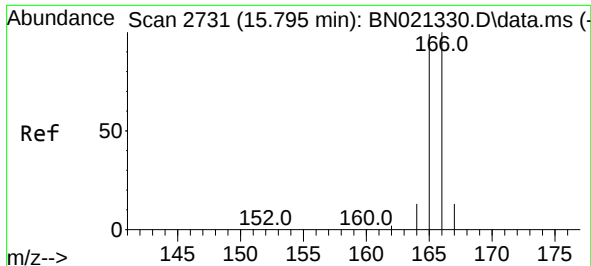
Tgt Ion:152 Resp: 6560
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:153 Resp: 5195
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 88.2 70.7 106.1

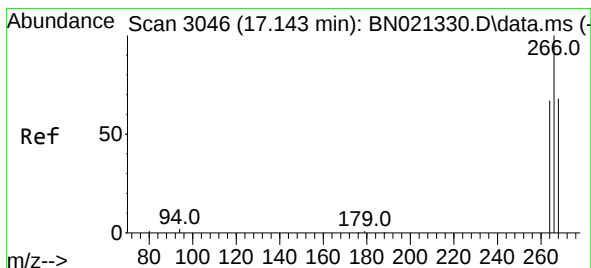
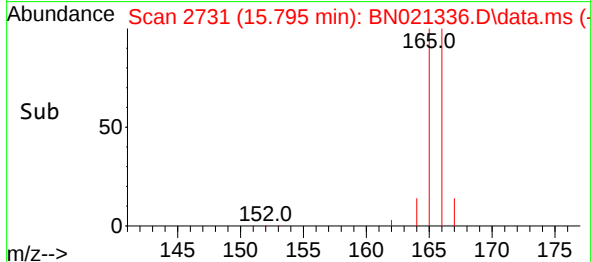
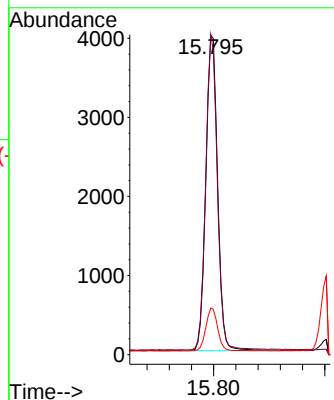
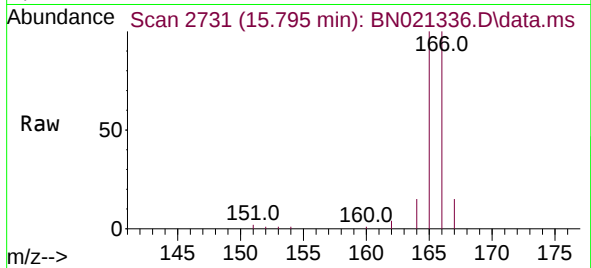




#12
Fluorene
Concen: 0.272 ng/ul
RT: 15.795 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

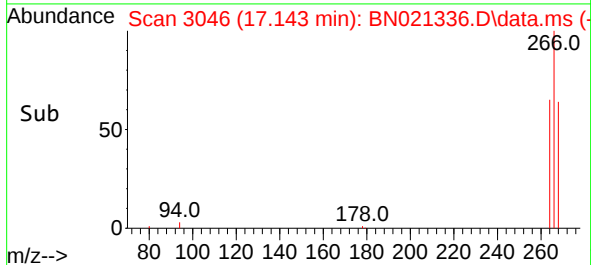
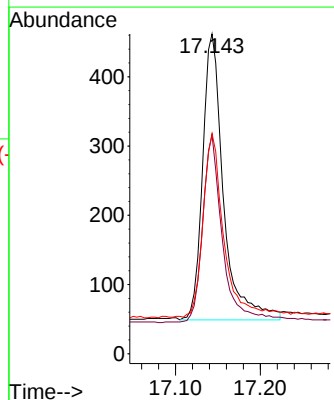
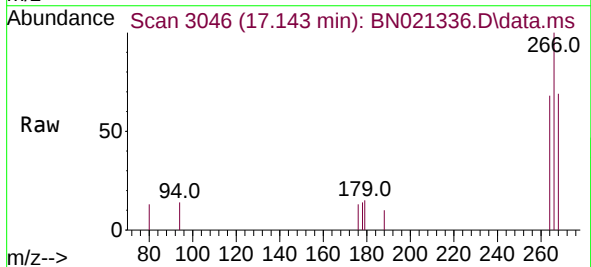
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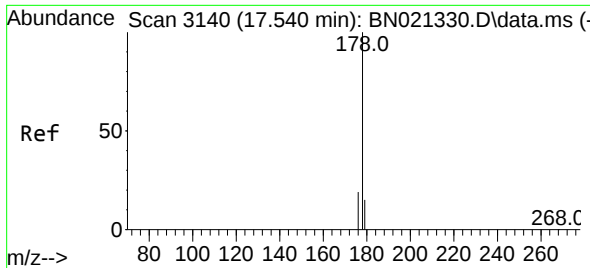
Tgt Ion:166 Resp: 5819
Ion Ratio Lower Upper
166 100
165 100.2 78.6 117.8
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.616 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:266 Resp: 706
Ion Ratio Lower Upper
266 100
264 61.5 49.8 74.8
268 63.7 50.6 75.8

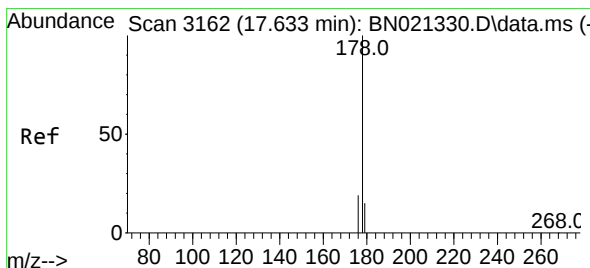
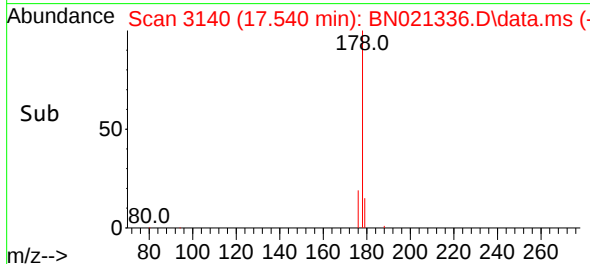
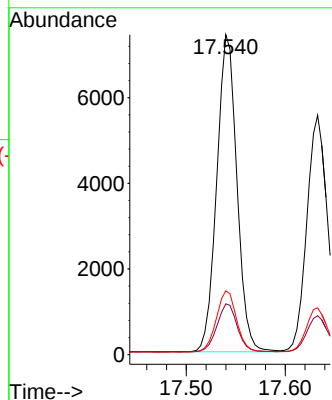
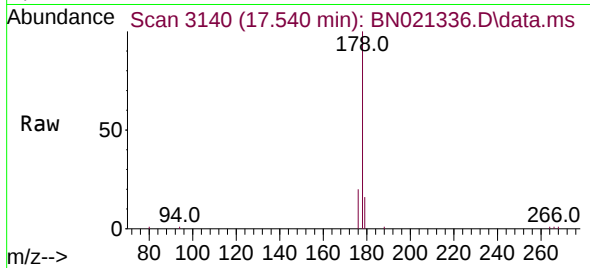




#15
Phenanthrene
Concen: 0.274 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

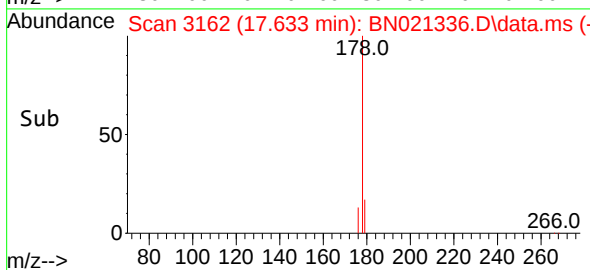
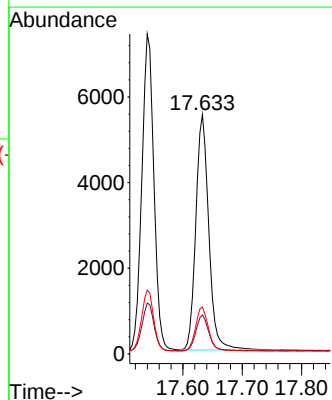
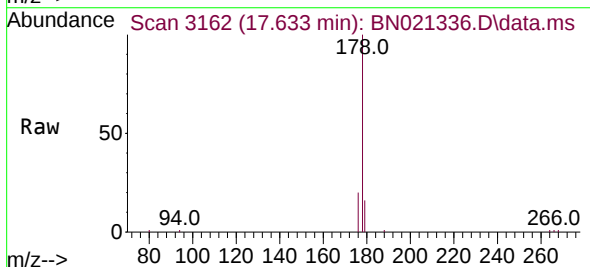
Instrument :
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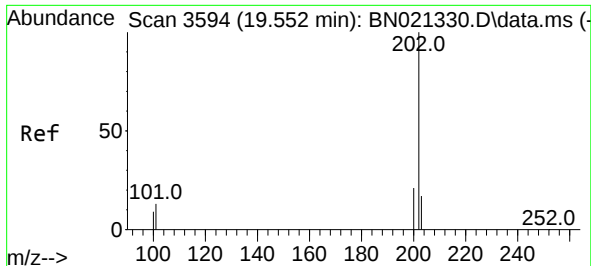
Tgt Ion:178 Resp: 10517
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.271 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:178 Resp: 8339
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.6 15.9 23.9





#19

Fluoranthene

Concen: 0.288 ng/ul

RT: 19.552 min Scan# 3594

Delta R.T. -0.005 min

Lab File: BN021336.D

Acq: 23 Aug 2022 19:50

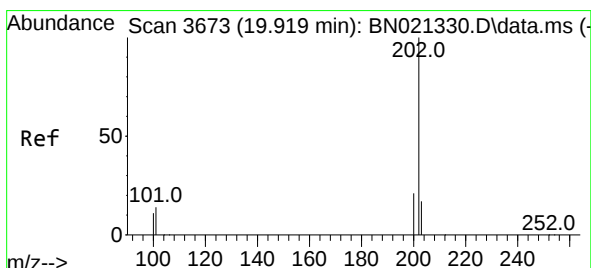
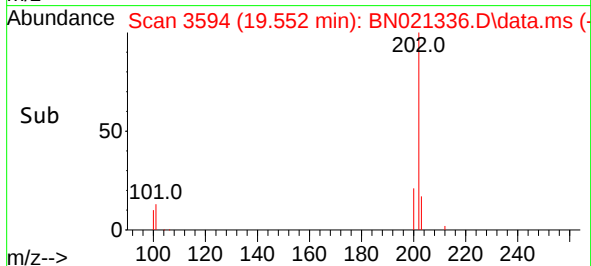
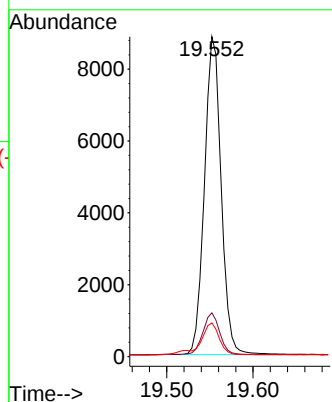
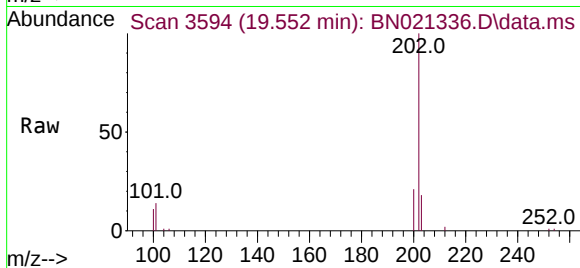
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	202	Resp:	11914
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.0	15.0
100	10.6	8.0	12.0



#20

Pyrene

Concen: 0.282 ng/ul

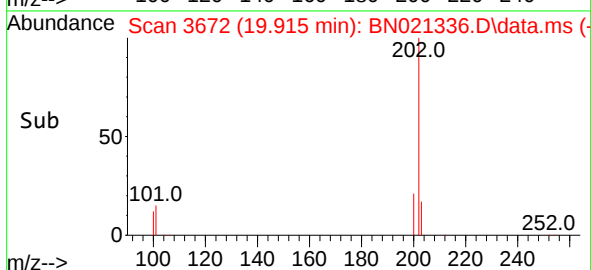
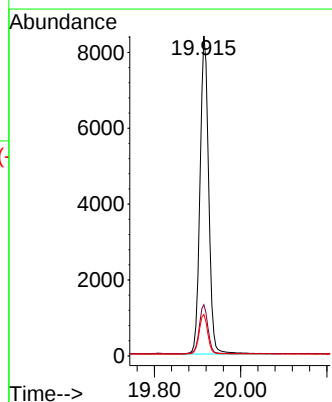
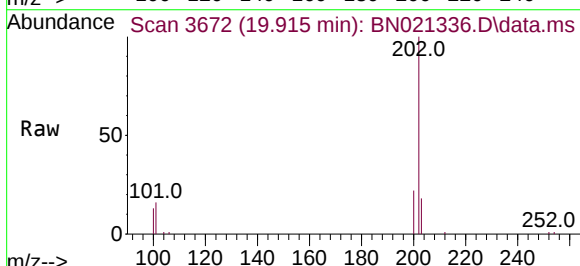
RT: 19.915 min Scan# 3672

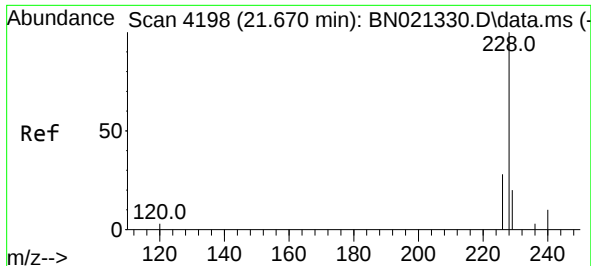
Delta R.T. -0.005 min

Lab File: BN021336.D

Acq: 23 Aug 2022 19:50

Tgt Ion:	202	Resp:	11690
Ion Ratio	Lower	Upper	
202	100		
101	16.0	11.3	16.9
100	12.9	9.0	13.4

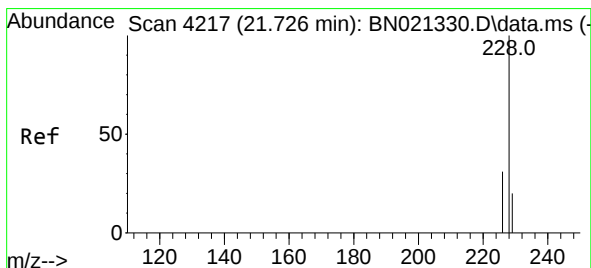
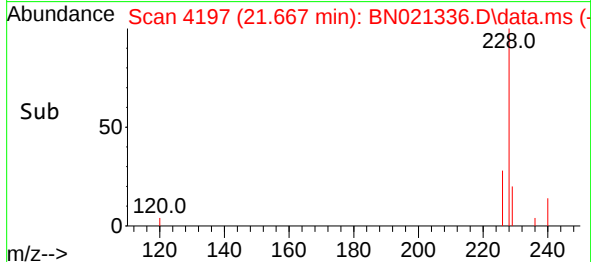
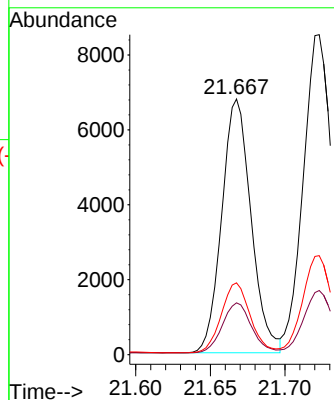
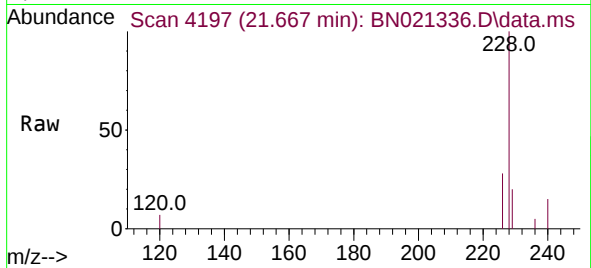




#21
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.667 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

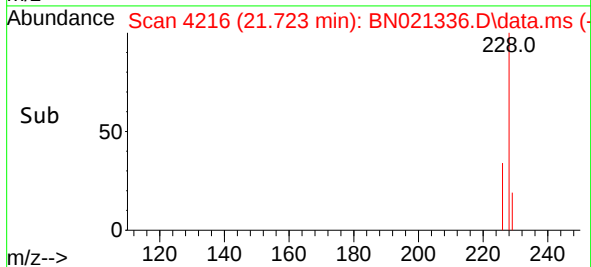
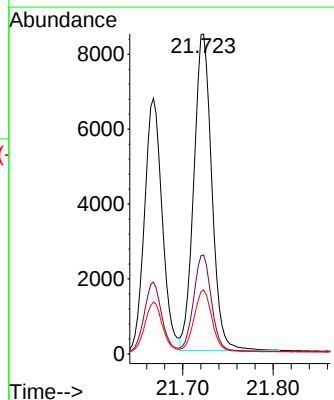
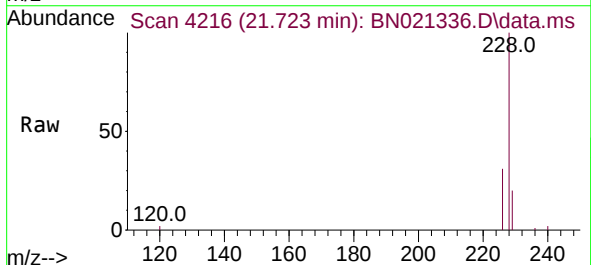
Instrument :
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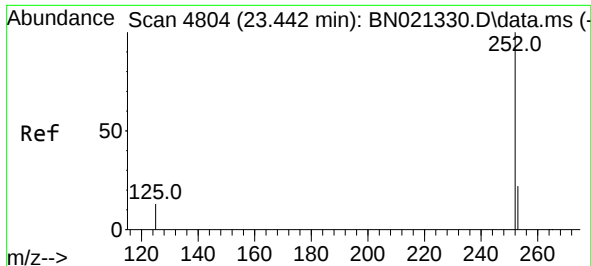
Tgt Ion:228 Resp: 9276
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.723 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:228 Resp: 11657
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.0 15.8 23.8

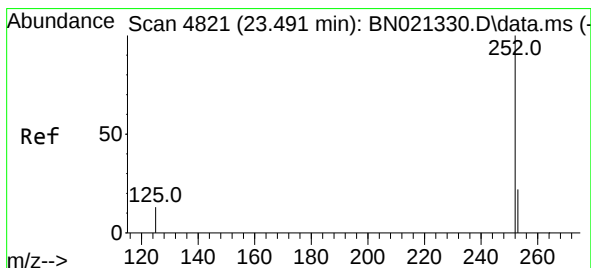
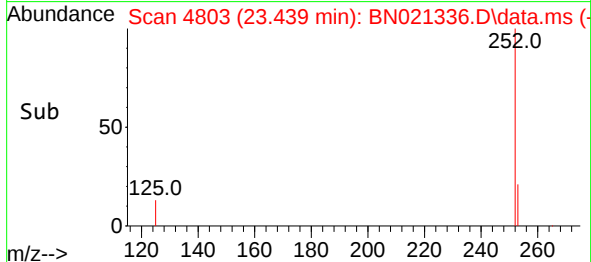
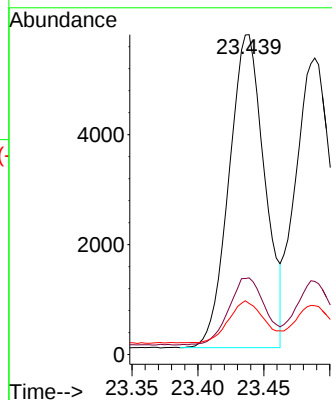
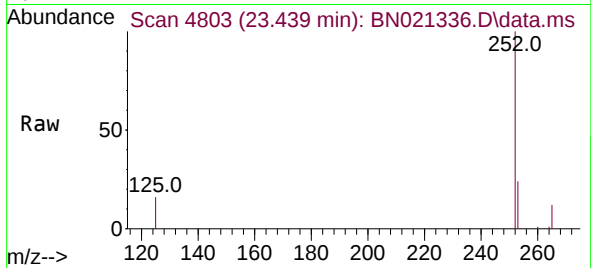




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.439 min Scan# 4803
Delta R.T. -0.006 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

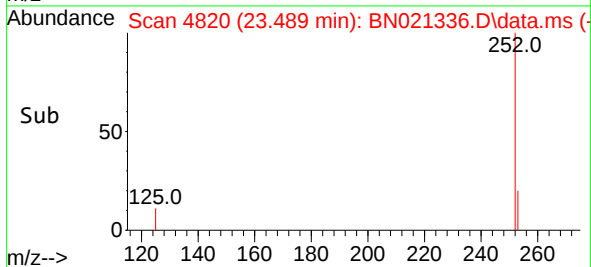
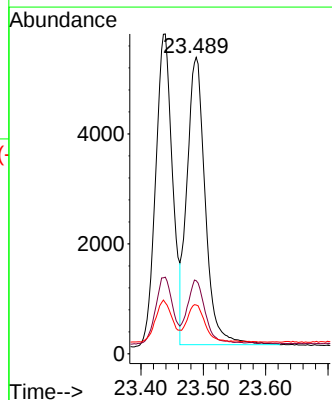
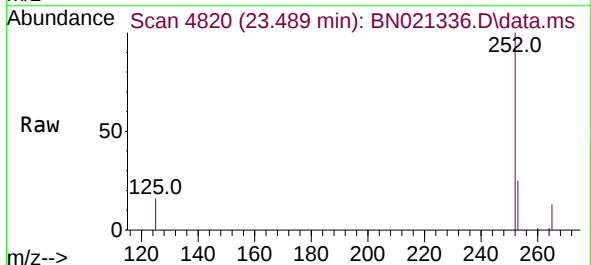
Instrument :
BNA_N
ClientSampleId :
SLCS179

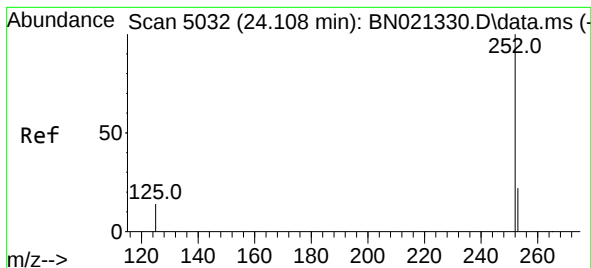
Tgt Ion:252 Resp: 10698
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.8
125 16.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.489 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:252 Resp: 10637
Ion Ratio Lower Upper
252 100
253 24.7 20.6 31.0
125 16.5 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.316 ng/ul

RT: 24.103 min Scan# 5030

Delta R.T. -0.006 min

Lab File: BN021336.D

Acq: 23 Aug 2022 19:50

Instrument :

BNA_N

ClientSampleId :

SLCS179

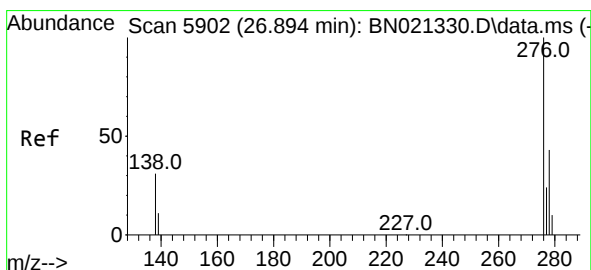
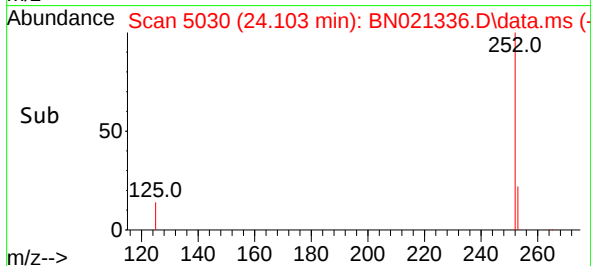
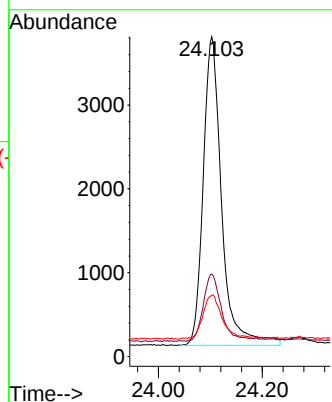
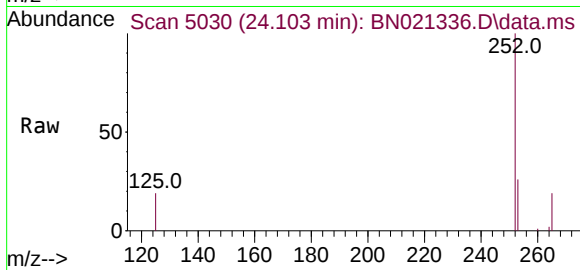
Tgt Ion:252 Resp: 9050

Ion Ratio Lower Upper

252 100

253 25.8 22.1 33.1

125 19.2 14.7 22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.331 ng/ul

RT: 26.891 min Scan# 5901

Delta R.T. -0.013 min

Lab File: BN021336.D

Acq: 23 Aug 2022 19:50

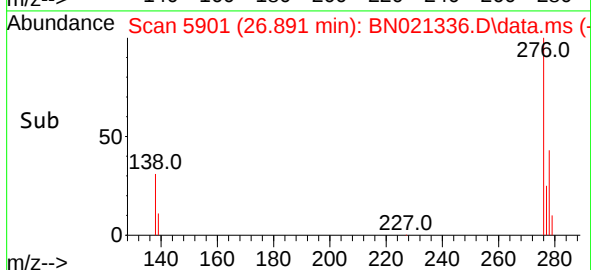
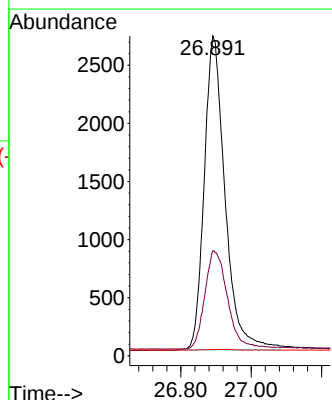
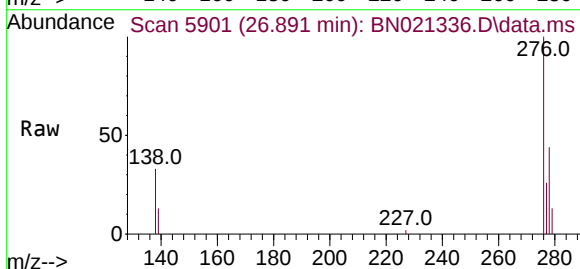
Tgt Ion:276 Resp: 11117

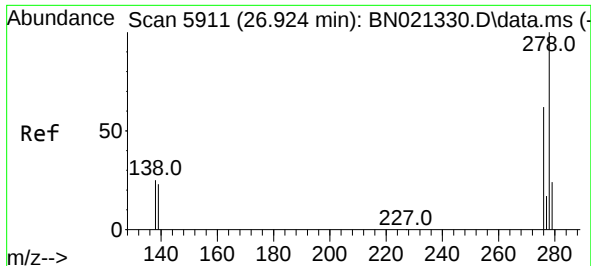
Ion Ratio Lower Upper

276 100

138 34.4 26.1 39.1

227 0.0 0.1 0.1#

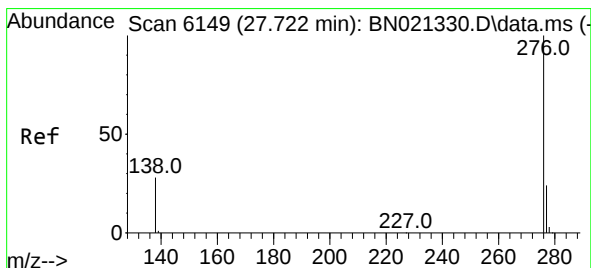
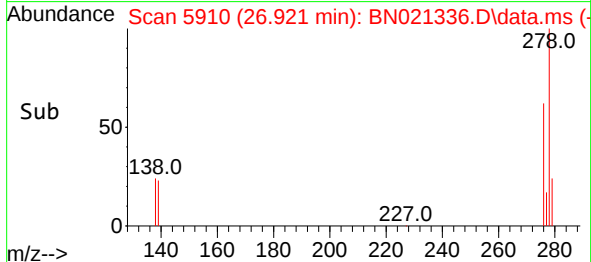
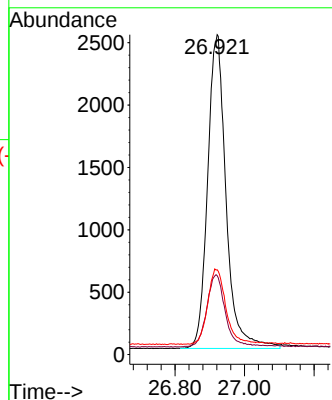
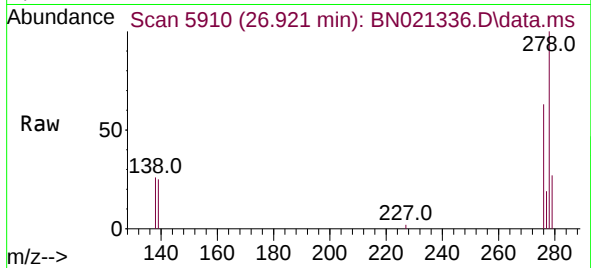




#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.921 min Scan# 5911
Delta R.T. -0.007 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Instrument :
BNA_N
ClientSampleId :
SLCS179

Tgt Ion:278 Resp: 9259
Ion Ratio Lower Upper
278 100
139 24.7 18.3 27.5
279 26.5 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.713 min Scan# 6146
Delta R.T. -0.010 min
Lab File: BN021336.D
Acq: 23 Aug 2022 19:50

Tgt Ion:276 Resp: 10640
Ion Ratio Lower Upper
276 100
138 29.9 22.6 34.0
277 25.6 20.2 30.2

