

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026809.D
 Acq On : 03 Aug 2023 17:05
 Operator : MA/JU
 Sample : PB154584BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS584

Quant Time: Aug 04 04:25:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

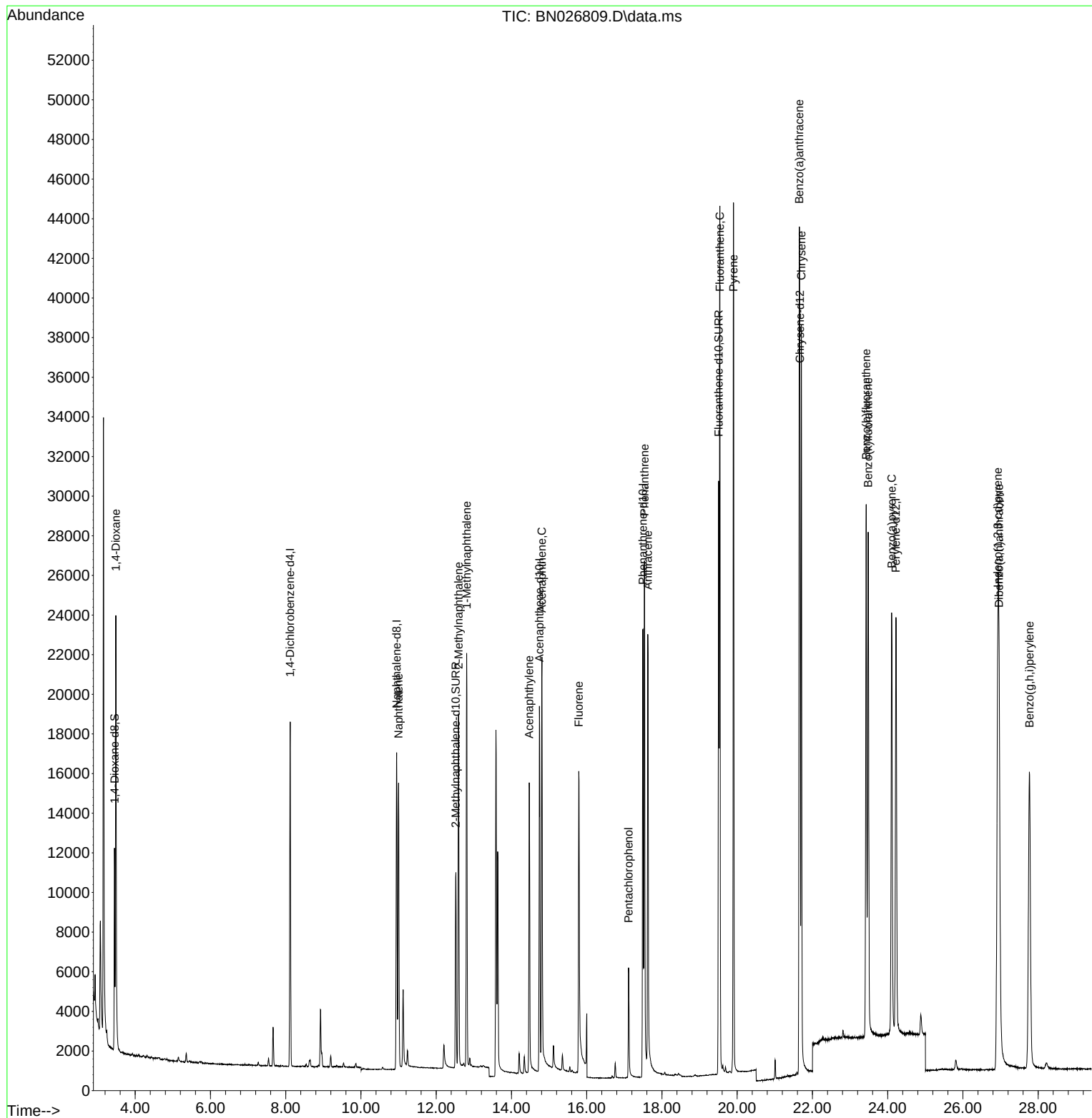
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	8530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	22882	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	11012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.494	188	29007	0.400	ng/ul	0.00
17) Chrysene-d12	21.668	240	27209	0.400	ng/ul	0.00
23) Perylene-d12	24.220	264	31425	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	7052	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	13055	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	33057	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	16141	1.561	ng/ul#	92
5) Naphthalene	10.999	128	20542	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	12964	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	14222	0.347	ng/ul	99
10) Acenaphthylene	14.472	152	19005	0.308	ng/ul	99
11) Acenaphthene	14.809	153	13360	0.313	ng/ul	99
12) Fluorene	15.790	166	13843	0.287	ng/ul	100
14) Pentachlorophenol	17.114	266	4018	0.490	ng/ul	100
15) Phenanthrene	17.536	178	29369	0.308	ng/ul	100
16) Anthracene	17.625	178	26175	0.304	ng/ul	100
19) Fluoranthene	19.539	202	36746	0.325	ng/ul	100
20) Pyrene	19.901	202	38098	0.316	ng/ul	99
21) Benzo(a)anthracene	21.650	228	34273	0.317	ng/ul	99
22) Chrysene	21.706	228	34443	0.322	ng/ul	99
24) Benzo(b)fluoranthene	23.427	252	38461	0.324	ng/ul	99
25) Benzo(k)fluoranthene	23.480	252	37172	0.317	ng/ul	99
26) Benzo(a)pyrene	24.106	252	34852	0.325	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.925	276	45742	0.326	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.962	278	36337	0.325	ng/ul	100
29) Benzo(g,h,i)perylene	27.767	276	37946	0.325	ng/ul	99

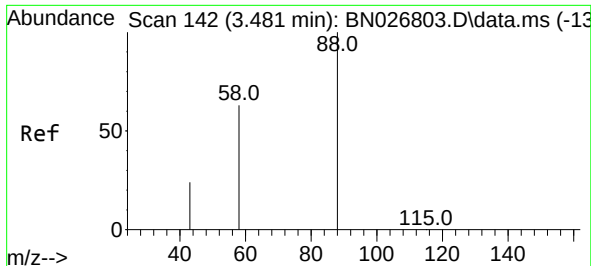
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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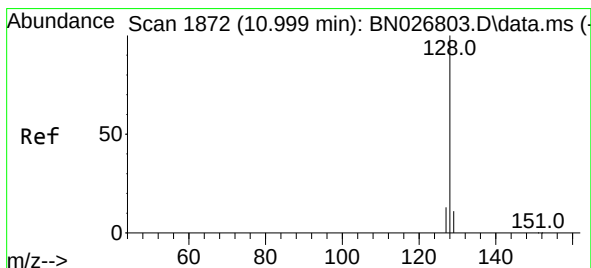
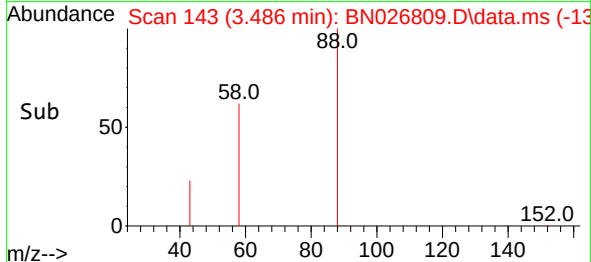
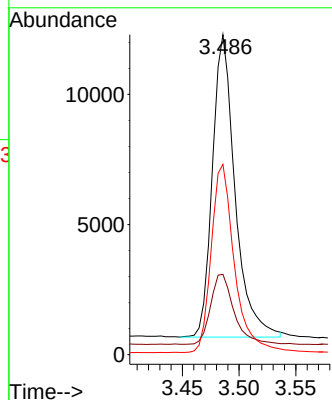
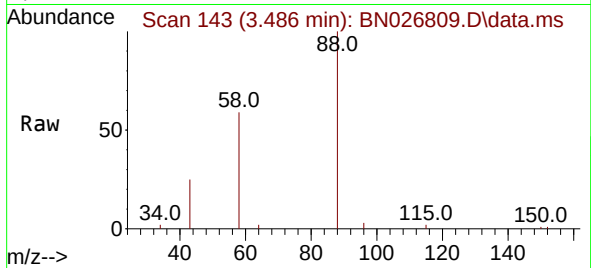




#2
1,4-Dioxane
Concen: 1.561 ng/ul
RT: 3.486 min Scan# 142
Delta R.T. 0.004 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

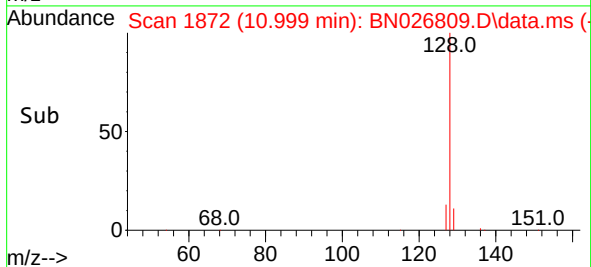
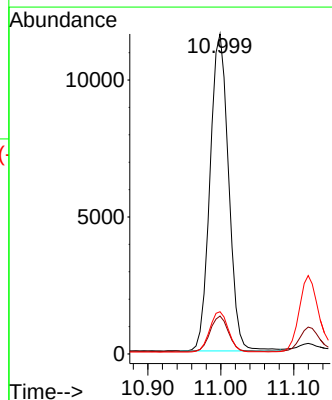
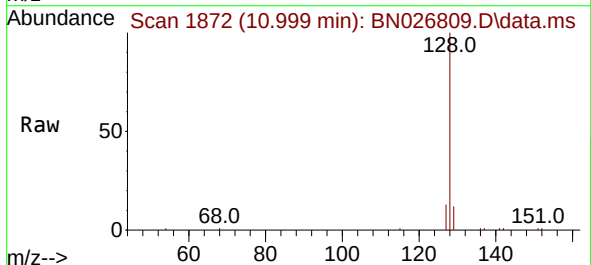
Instrument :
BNA_N
ClientSampleId :
SLCS584

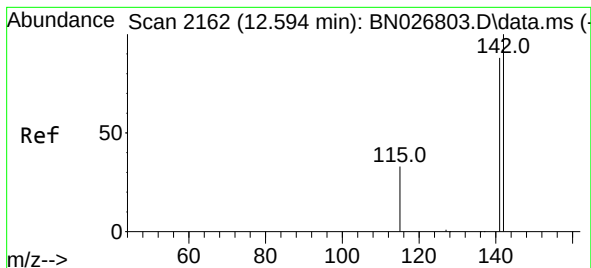
Tgt Ion: 88 Resp: 16141
Ion Ratio Lower Upper
88 100
43 25.1 28.0 42.0#
58 59.5 46.0 69.0



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:128 Resp: 20542
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.2 10.5 15.7

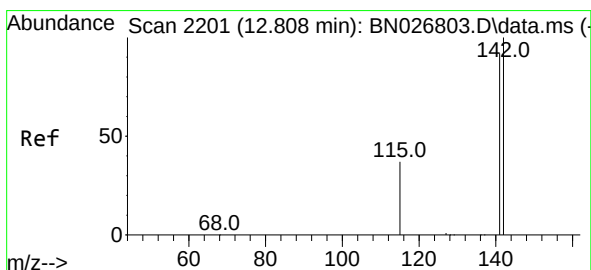
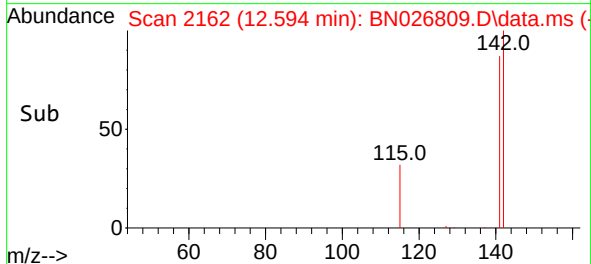
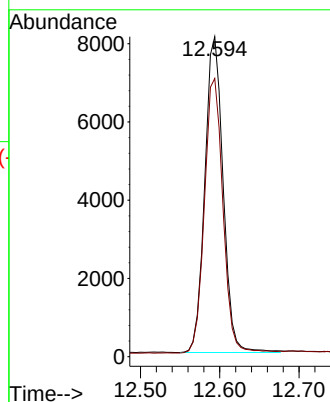
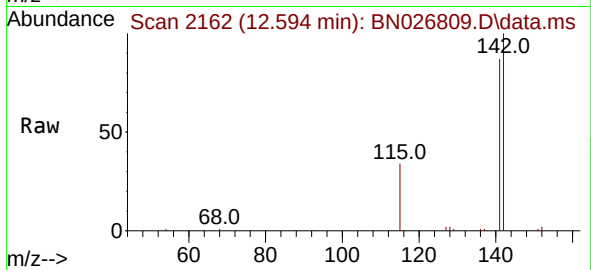




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

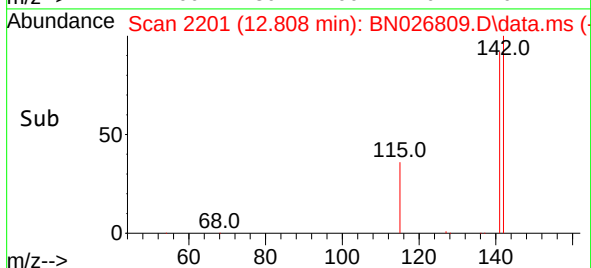
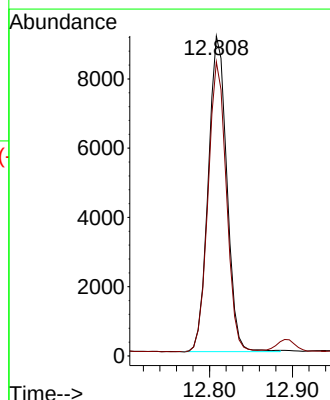
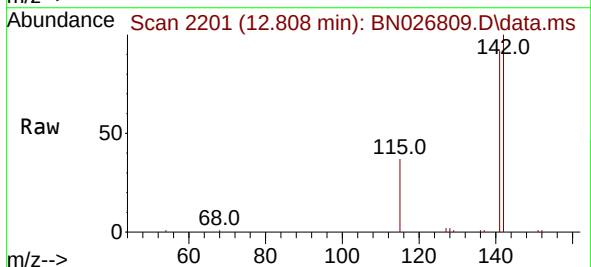
Instrument :
BNA_N
ClientSampleId :
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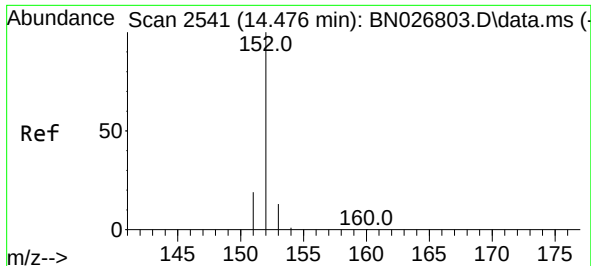
Tgt Ion:142 Resp: 12964
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:142 Resp: 14222
Ion Ratio Lower Upper
142 100
141 90.4 73.2 109.8

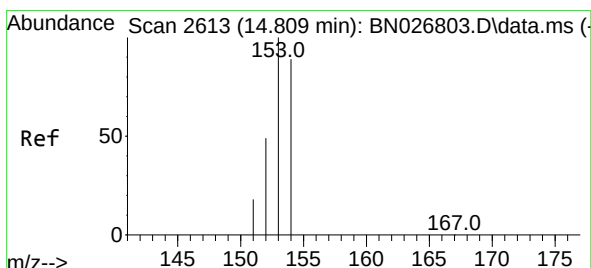
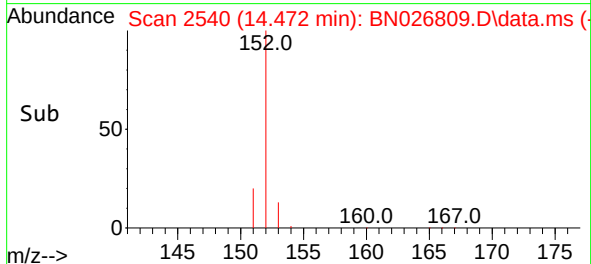
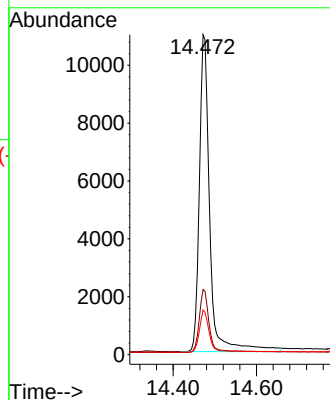
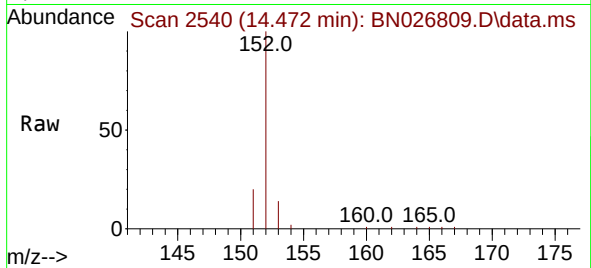




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.472 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

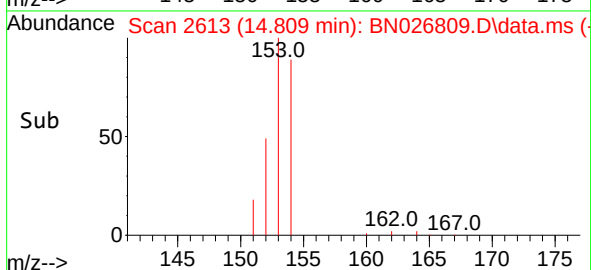
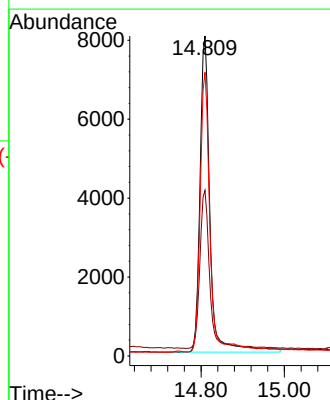
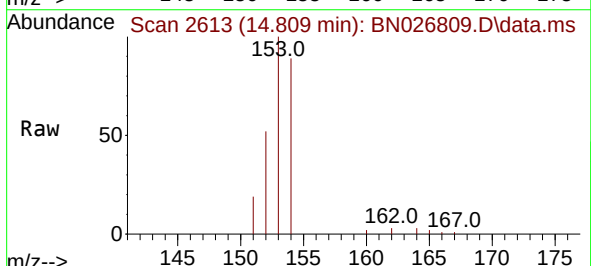
Instrument :
BNA_N
ClientSampleId :
SLCS584

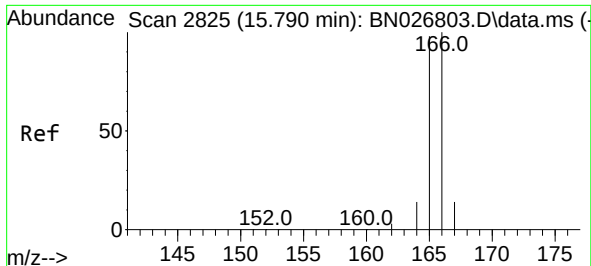
Tgt Ion:152 Resp: 19005
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.9 11.0 16.6



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:153 Resp: 13360
Ion Ratio Lower Upper
153 100
152 51.8 41.1 61.7
154 88.7 71.6 107.4

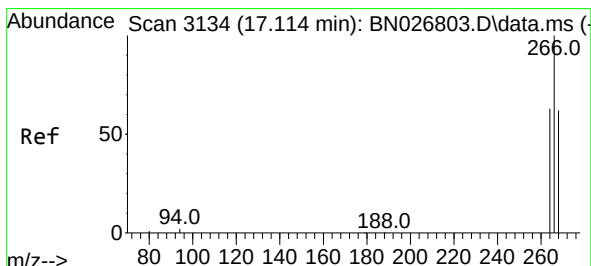
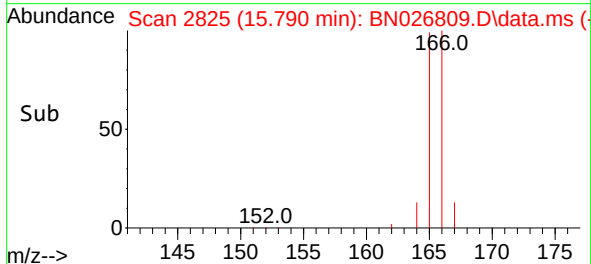
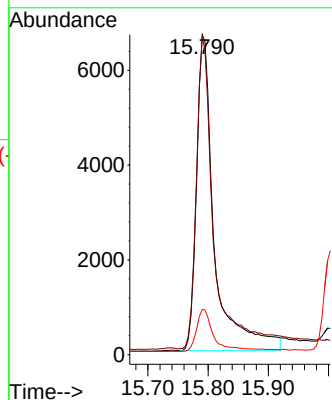
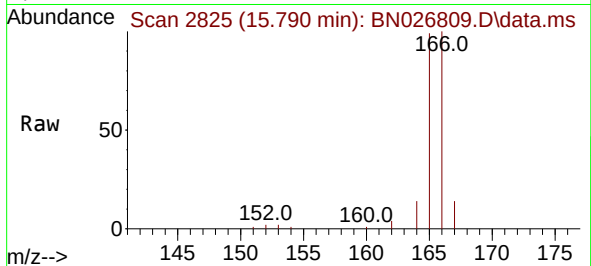




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

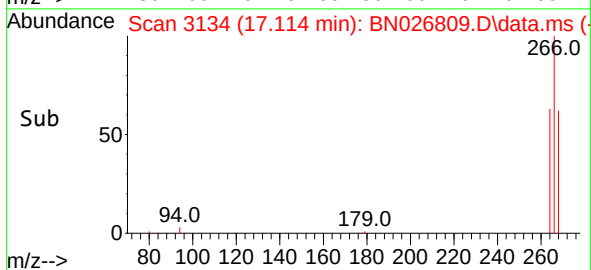
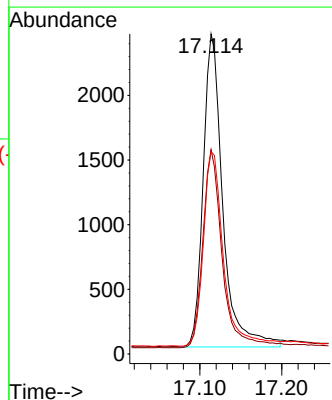
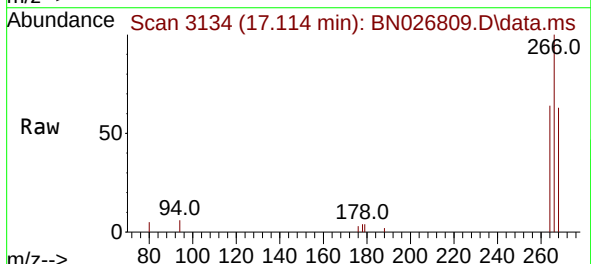
Instrument :
BNA_N
ClientSampleId :
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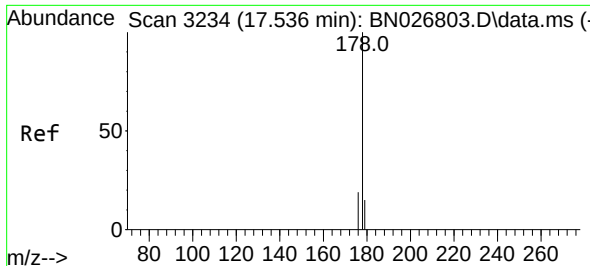
Tgt Ion:166 Resp: 13843
Ion Ratio Lower Upper
166 100
165 99.3 79.1 118.7
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.490 ng/ul
RT: 17.114 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:266 Resp: 4018
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 63.9 51.2 76.8

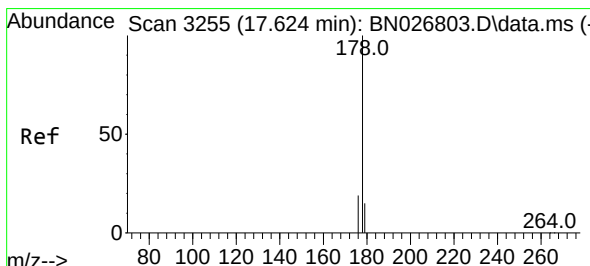
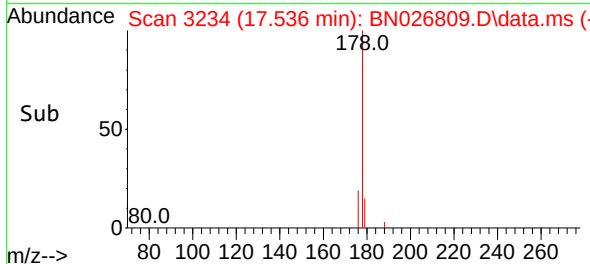
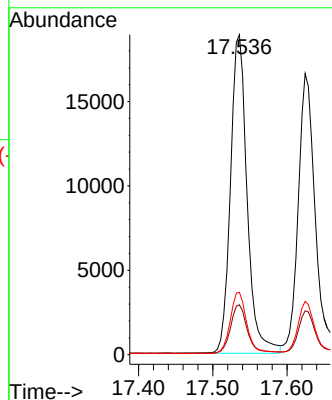
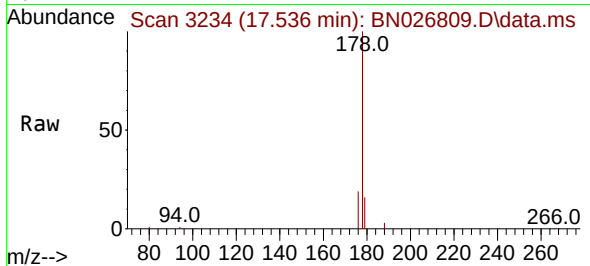




#15
Phenanthrene
Concen: 0.308 ng/u1
RT: 17.536 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

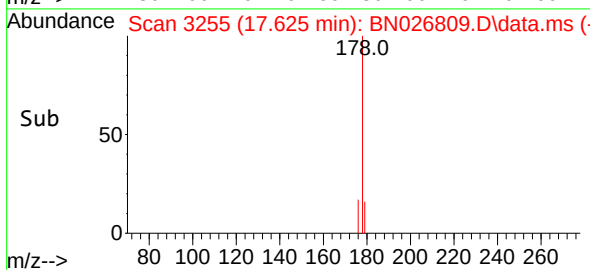
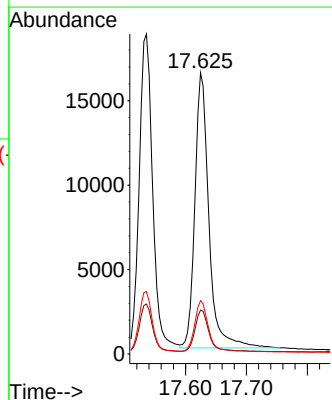
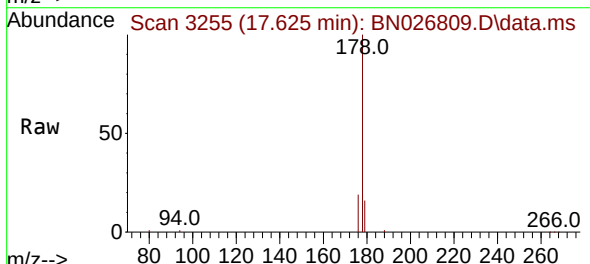
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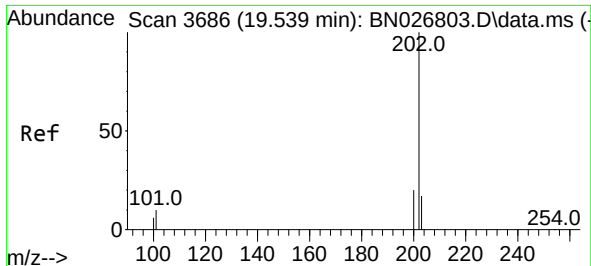
Tgt Ion:178 Resp: 29369
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.304 ng/u1
RT: 17.625 min Scan# 3255
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:178 Resp: 26175
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.0 15.0 22.6

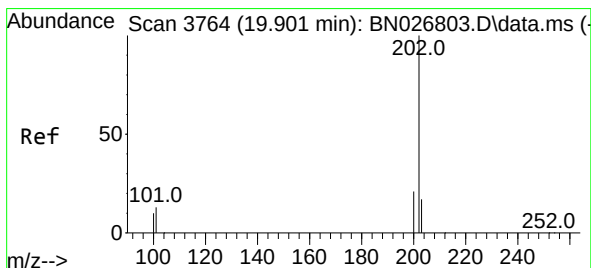
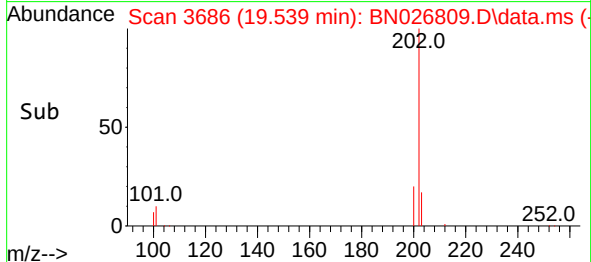
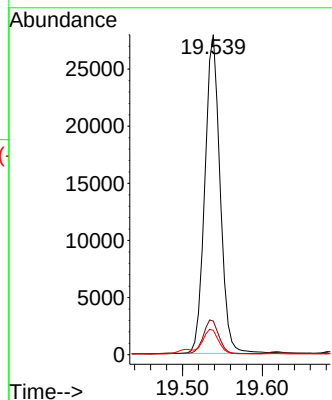
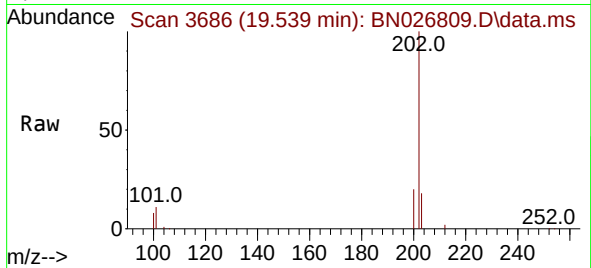




#19
Fluoranthene
Concen: 0.325 ng/u1
RT: 19.539 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

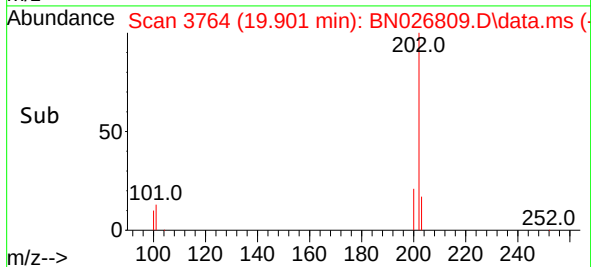
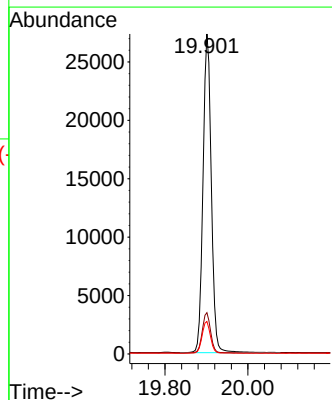
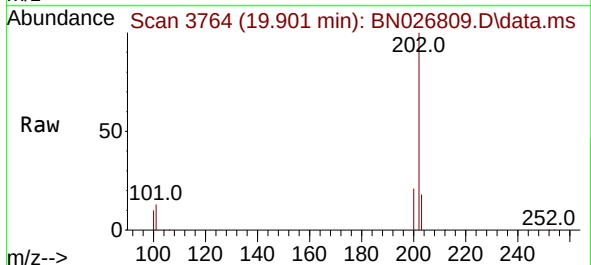
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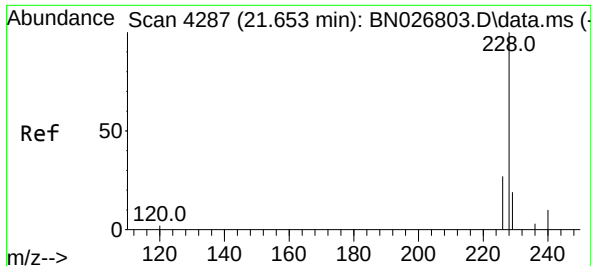
Tgt Ion:202 Resp: 36746
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 7.6 6.2 9.2



#20
Pyrene
Concen: 0.316 ng/u1
RT: 19.901 min Scan# 3764
Delta R.T. 0.000 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:202 Resp: 38098
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.2 8.5 12.7

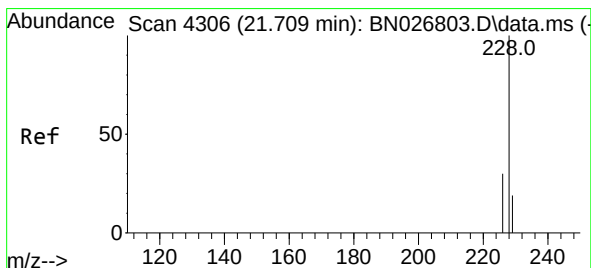
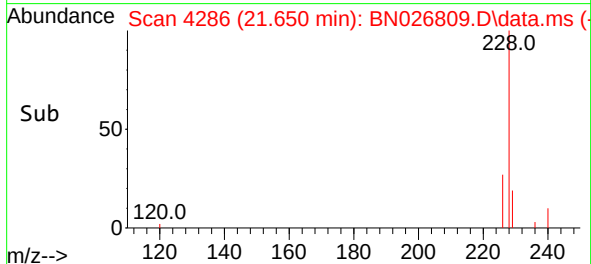
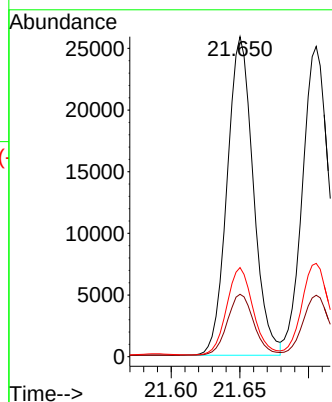
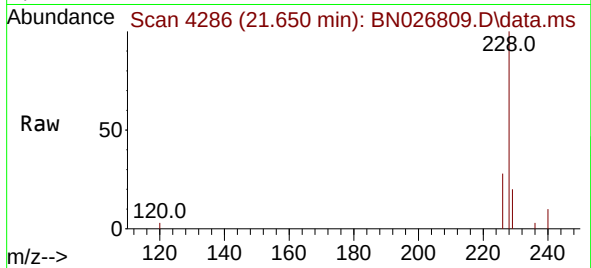




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.650 min Scan# 4305
Delta R.T. -0.003 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

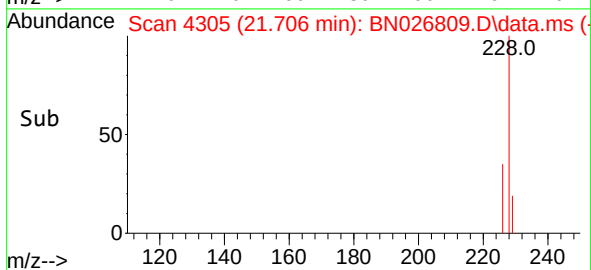
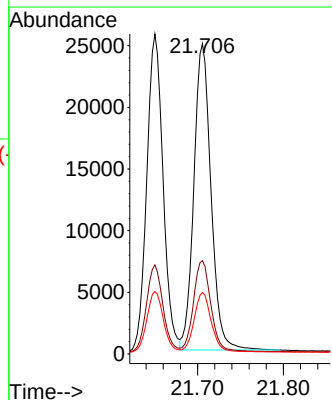
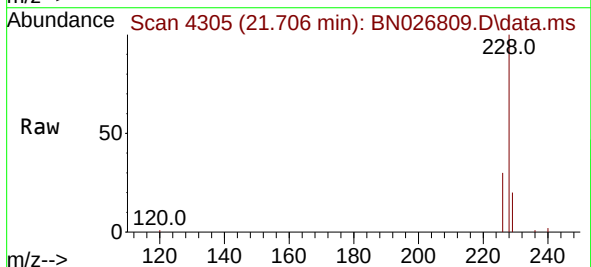
Instrument :
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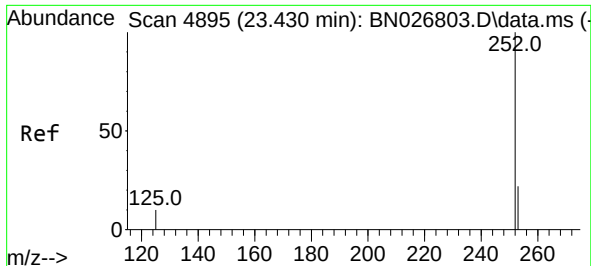
Tgt Ion:228 Resp: 34273
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.706 min Scan# 4305
Delta R.T. -0.003 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:228 Resp: 34443
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.8 15.8 23.6

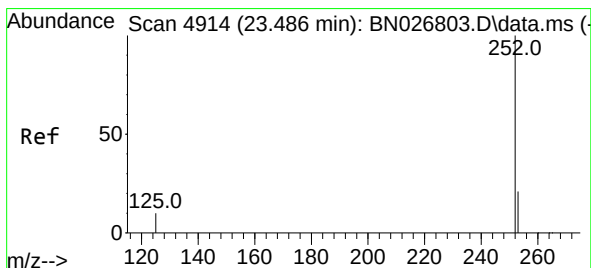
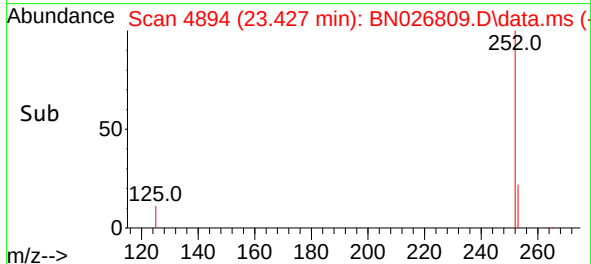
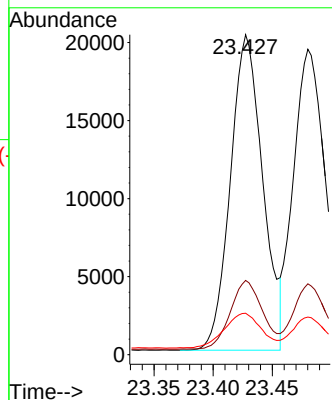
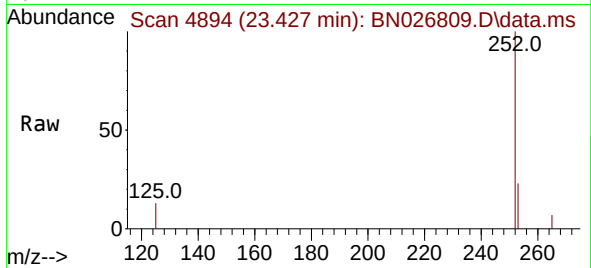




#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 23.427 min Scan# 4894
Delta R.T. -0.003 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

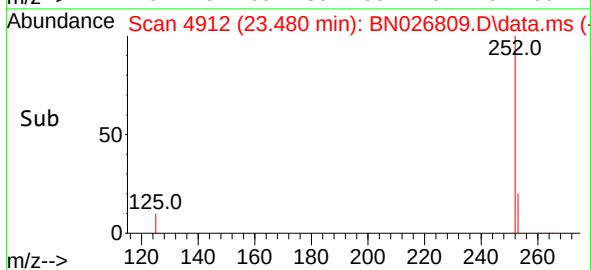
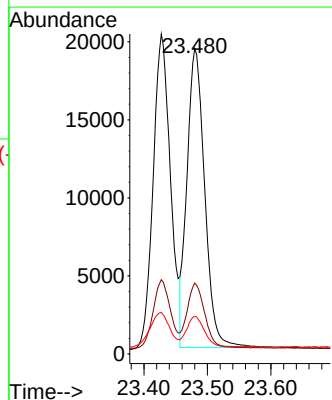
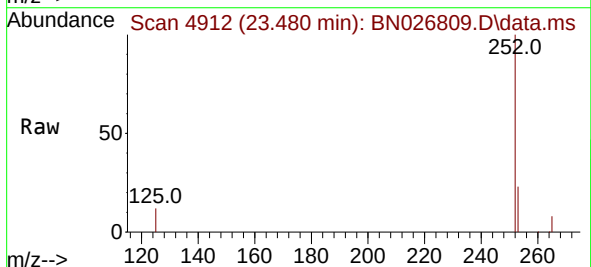
Instrument :
BNA_N
ClientSampleId :
SLCS584

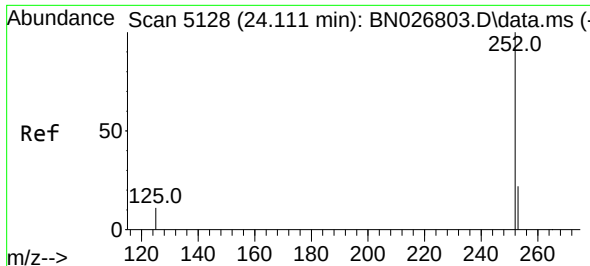
Tgt Ion:252 Resp: 38461
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.8
125 13.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.480 min Scan# 4912
Delta R.T. -0.006 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

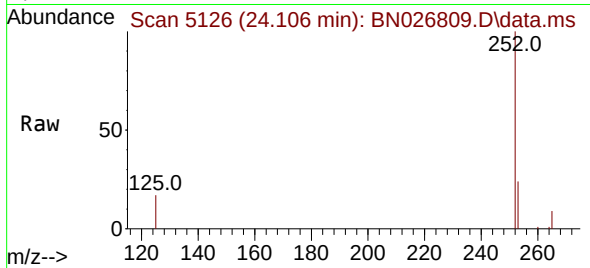
Tgt Ion:252 Resp: 37172
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 12.3 9.9 14.9



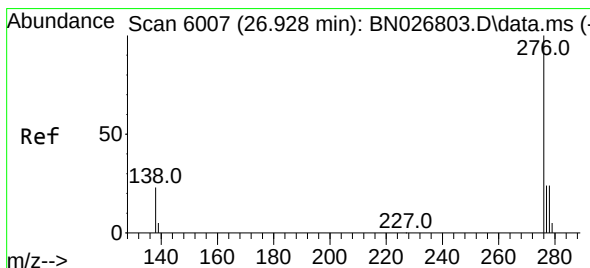
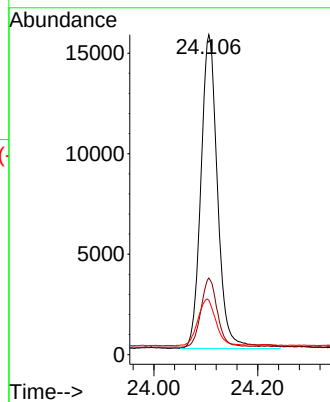
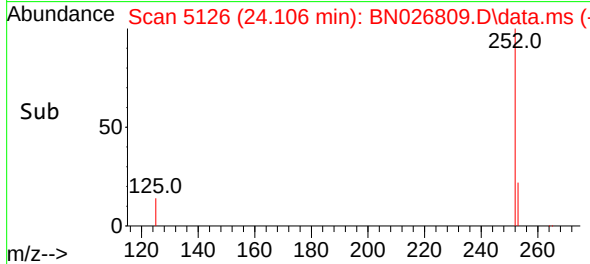


#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 24.106 min Scan# 5126
Delta R.T. -0.006 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Instrument :
BNA_N
ClientSampleId :
SLCS584

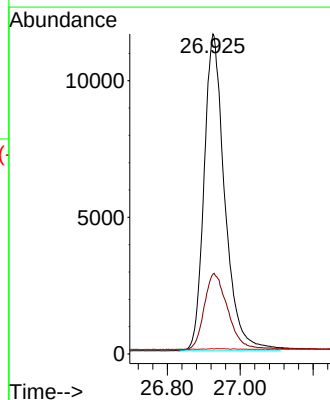
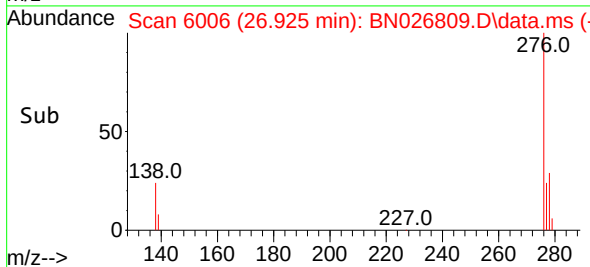
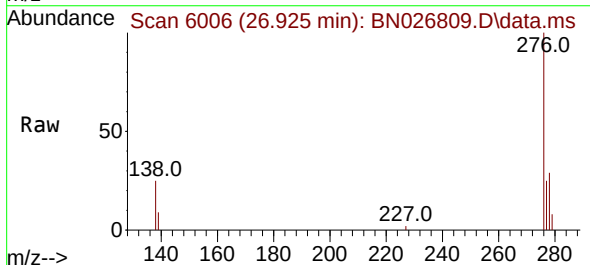


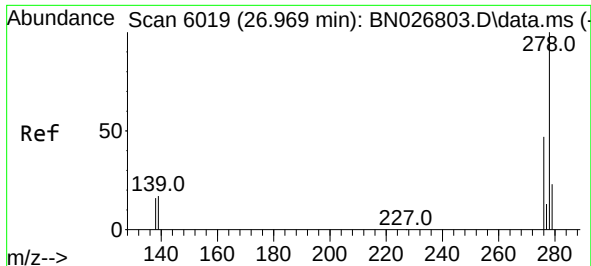
Tgt Ion:252 Resp: 34852
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.6
125 17.0 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.925 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:276 Resp: 45742
Ion Ratio Lower Upper
276 100
138 27.4 21.6 32.4
227 0.1 0.0 0.0



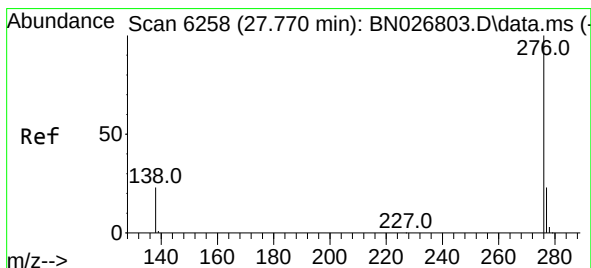
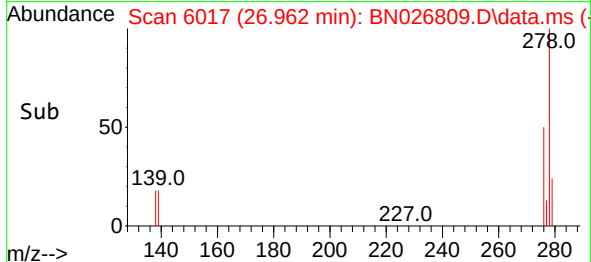
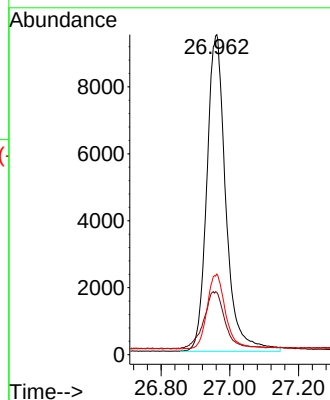
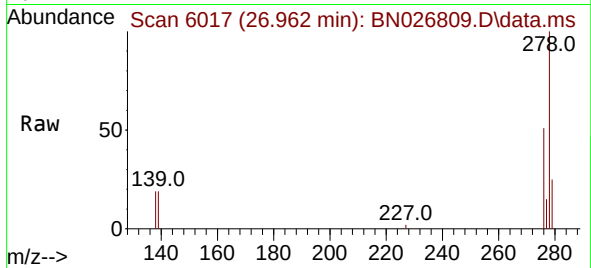


#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.962 min Scan# 6019
Delta R.T. -0.007 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Instrument :
BNA_N
ClientSampleId :
SLCS584

Tgt Ion:278 Resp: 36337

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.7	23.5
279	25.2	20.2	30.4



#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 27.767 min Scan# 6257
Delta R.T. -0.003 min
Lab File: BN026809.D
Acq: 03 Aug 2023 17:05

Tgt Ion:276 Resp: 37946

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	24.3	19.8	29.8

