

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026454.D
 Acq On : 11 Jul 2023 09:44
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:10:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

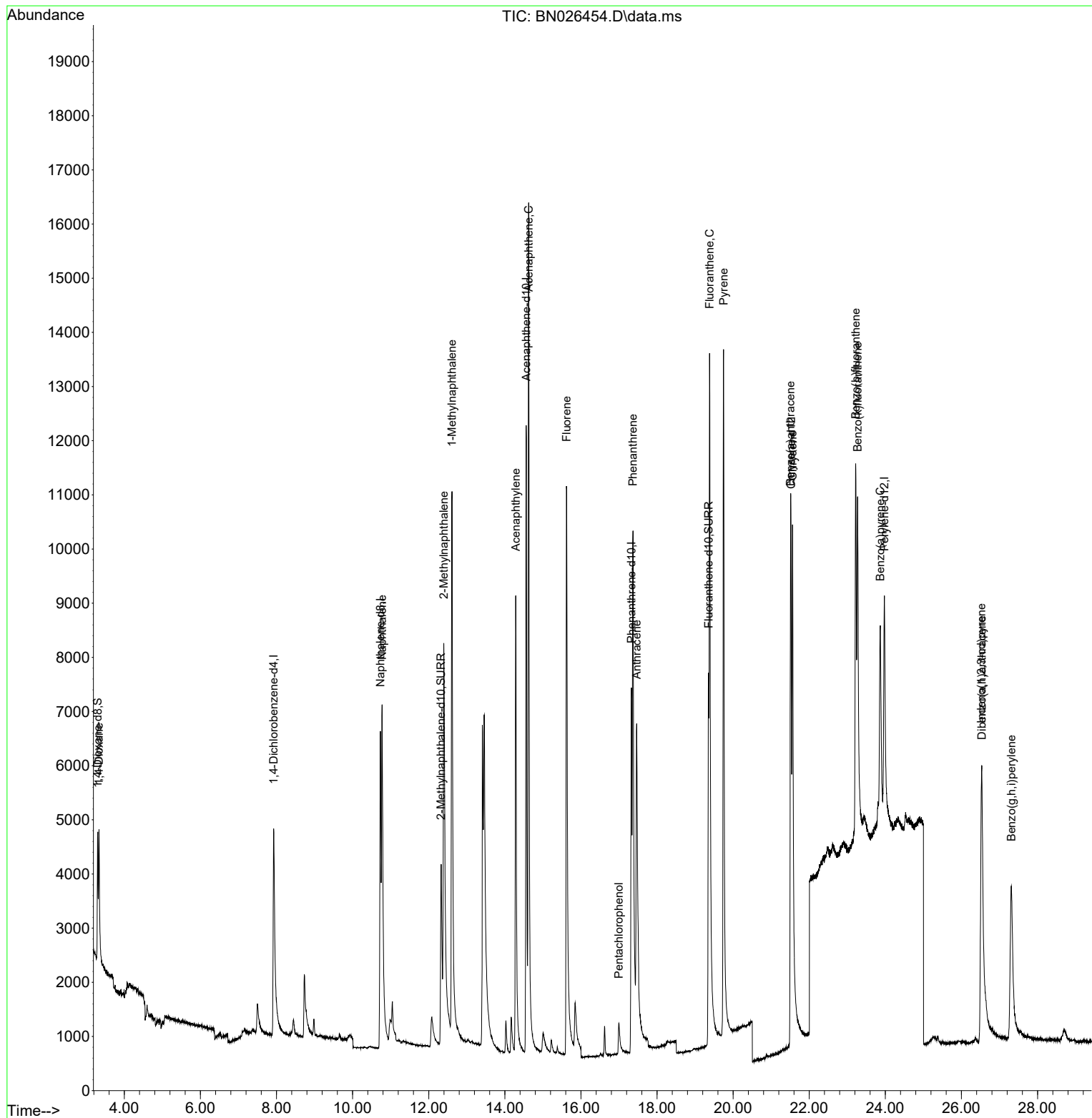
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	4238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	13018	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	8145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	11882	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	7369	0.400	ng/ul	0.00
23) Perylene-d12	23.975	264	7429	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2006	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	7584	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	11508	0.410	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	1817	0.359	ng/ul	91
5) Naphthalene	10.774	128	12358	0.331	ng/ul	97
7) 2-Methylnaphthalene	12.397	142	8806	0.371	ng/ul	99
8) 1-Methylnaphthalene	12.611	142	9862	0.401	ng/ul	99
10) Acenaphthylene	14.287	152	14128	0.370	ng/ul	100
11) Acenaphthene	14.625	153	11827	0.379	ng/ul	99
12) Fluorene	15.620	166	11402	0.319	ng/ul	99
14) Pentachlorophenol	16.996	266	761	0.179	ng/ul	96
15) Phenanthrene	17.367	178	14798	0.377	ng/ul	98
16) Anthracene	17.465	178	12023	0.345	ng/ul	97
19) Fluoranthene	19.381	202	15719	0.399	ng/ul	99
20) Pyrene	19.748	202	17009	0.415	ng/ul	96
21) Benzo(a)anthracene	21.508	228	9972	0.328	ng/ul	99
22) Chrysene	21.560	228	11537	0.365	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	11553	0.364	ng/ul	91
25) Benzo(k)fluoranthene	23.270	252	12270	0.385	ng/ul	93
26) Benzo(a)pyrene	23.866	252	9736	0.354	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.526	276	10509	0.349	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.540	278	7622	0.335	ng/ul#	90
29) Benzo(g,h,i)perylene	27.311	276	10248	0.383	ng/ul	97

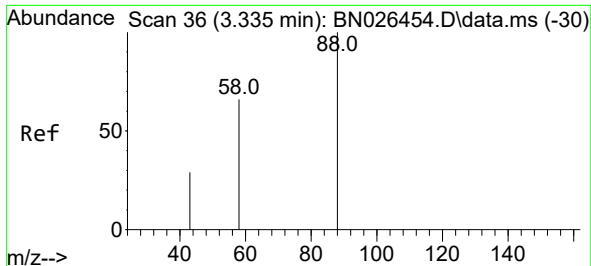
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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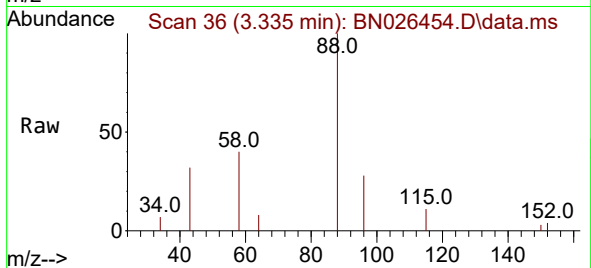
Quant Time: Jul 12 02:10:57 2023
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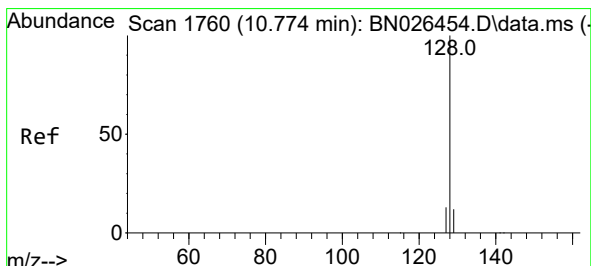
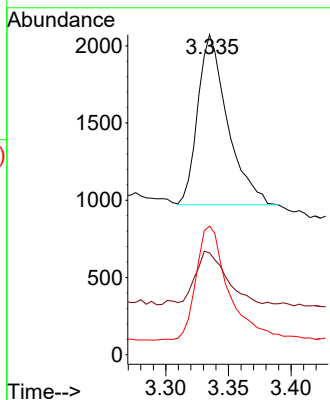
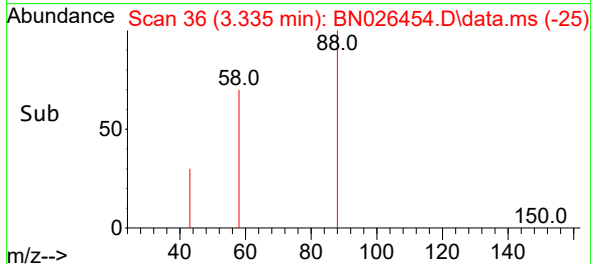
#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

Instrument :
BNA_N
ClientSampleId :

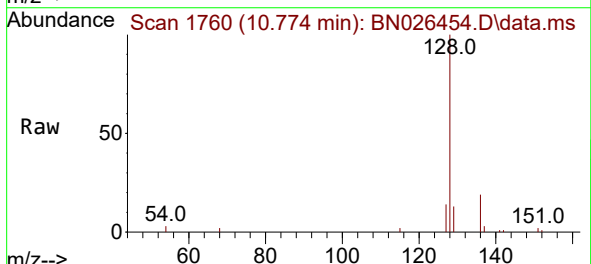


Tgt Ion: 88 Resp: 1817

Ion	Ratio	Lower	Upper
88	100		
43	31.8	29.5	44.3
58	40.2	37.4	56.2

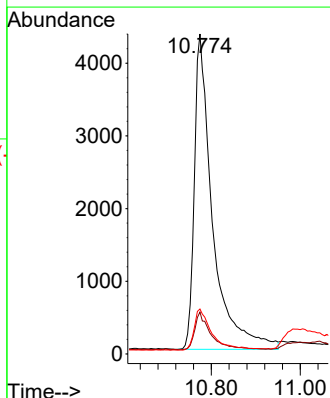
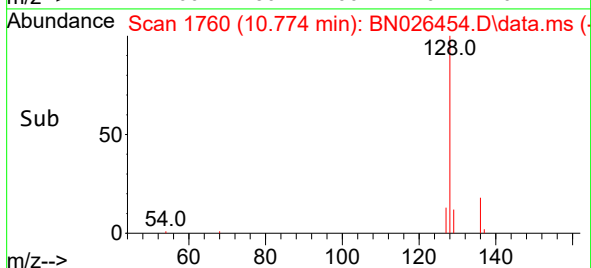


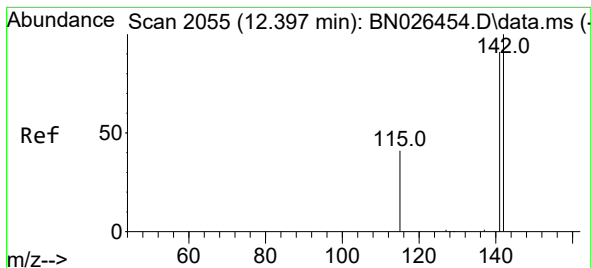
#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.012 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44



Tgt Ion: 128 Resp: 12358

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	14.1	10.7	16.1

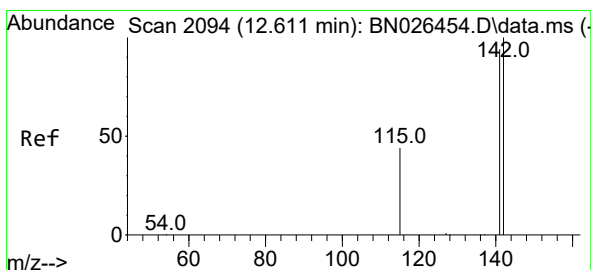
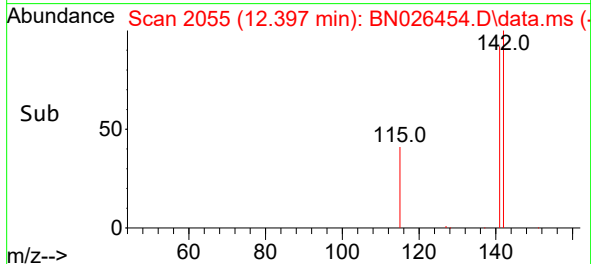
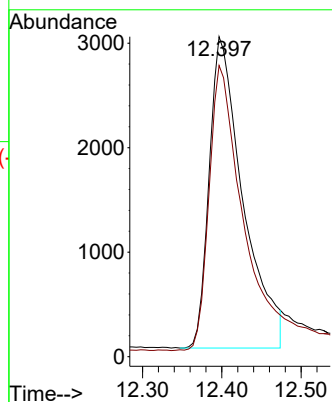
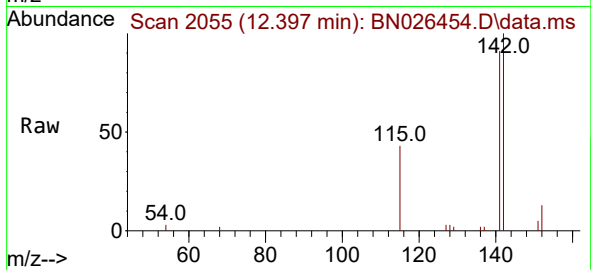




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.397 min Scan# 2055
Delta R.T. -0.007 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

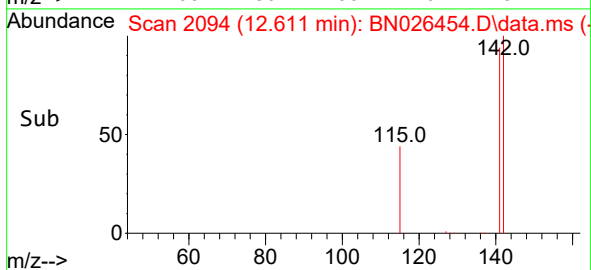
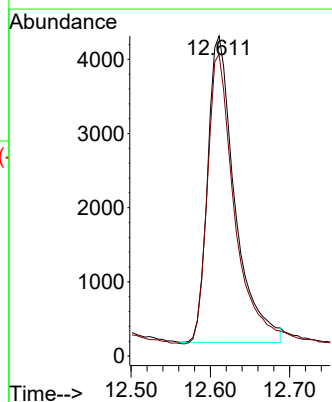
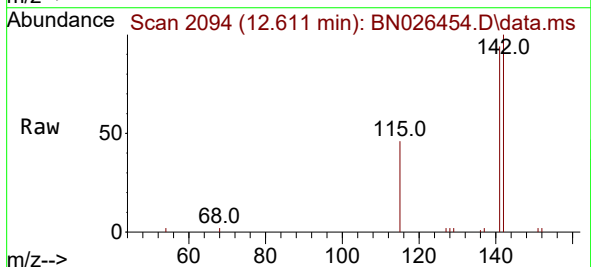
Instrument :
BNA_N
ClientSampleId :

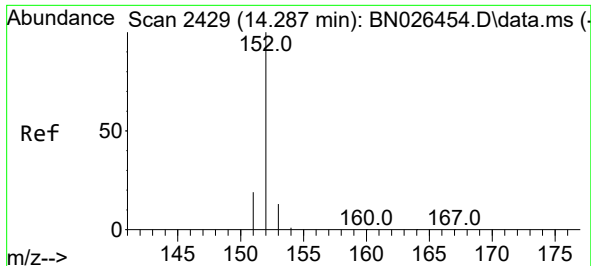
Tgt Ion:142 Resp: 8806
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.611 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

Tgt Ion:142 Resp: 9862
Ion Ratio Lower Upper
142 100
141 93.9 74.2 111.4

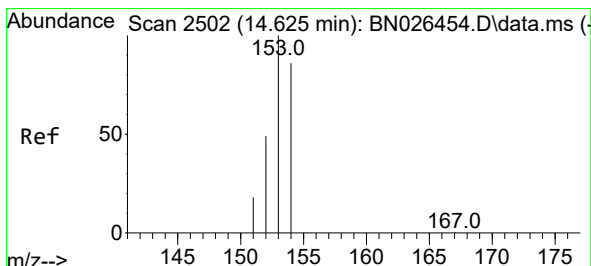
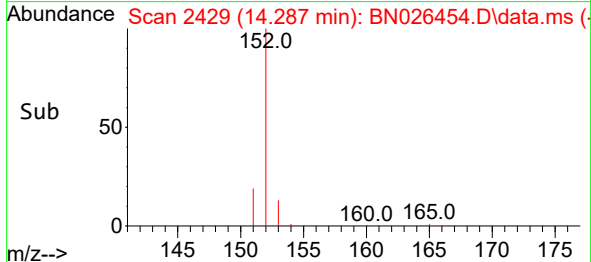
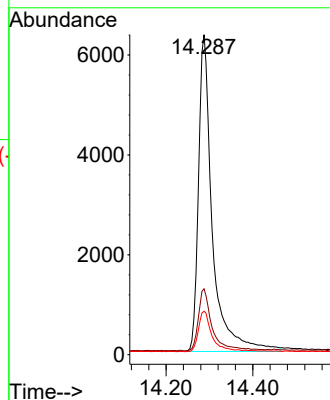
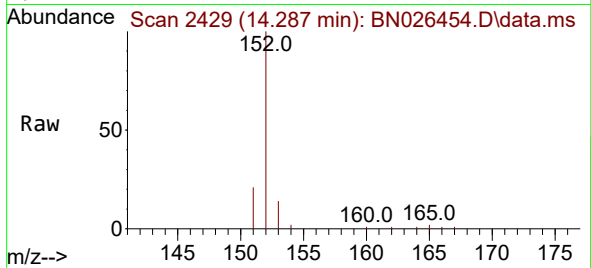




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.287 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

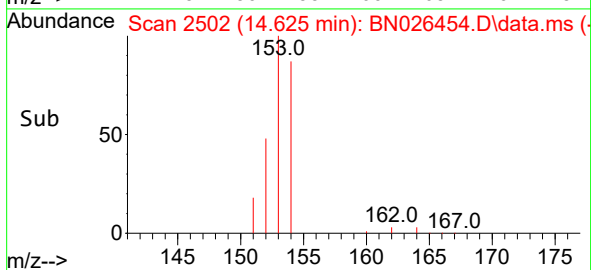
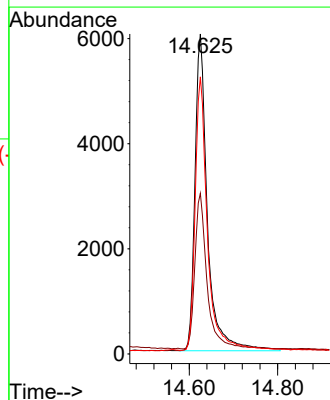
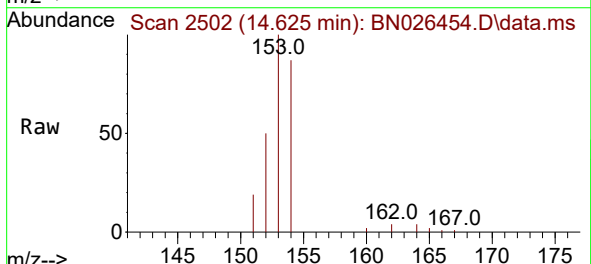
Instrument :
BNA_N
ClientSampleId :

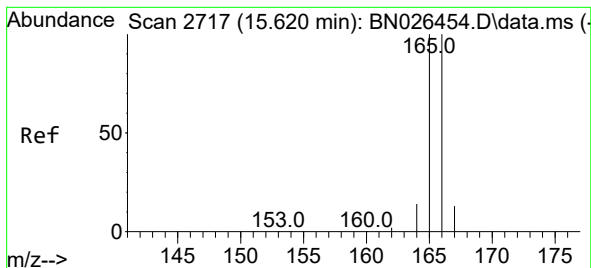
Tgt Ion:152 Resp: 14128
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.625 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

Tgt Ion:153 Resp: 11827
Ion Ratio Lower Upper
153 100
152 50.2 39.4 59.0
154 86.6 68.9 103.3





#12

Fluorene

Concen: 0.319 ng/ul

RT: 15.620 min Scan# 2717

Delta R.T. -0.005 min

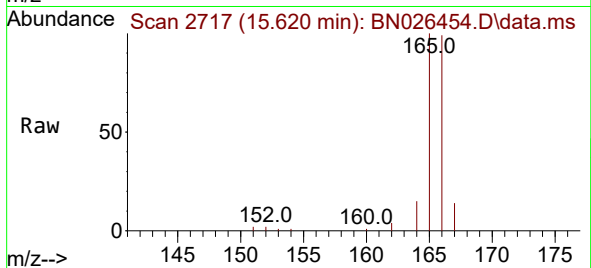
Lab File: BN026454.D

Acq: 11 Jul 2023 09:44

Instrument :

BNA_N

ClientSampleId :



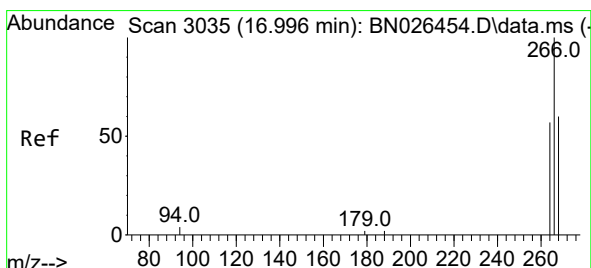
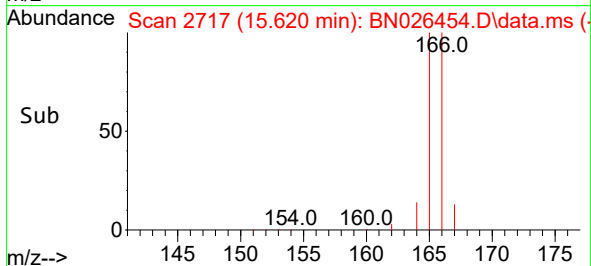
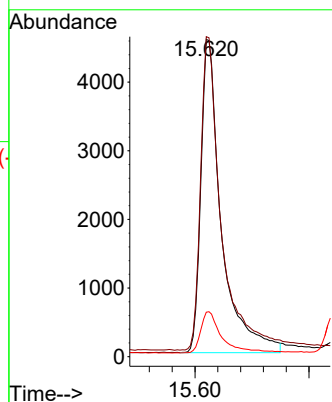
Tgt Ion:166 Resp: 11402

Ion Ratio Lower Upper

166 100

165 100.8 79.9 119.9

167 14.0 10.8 16.2



#14

Pentachlorophenol

Concen: 0.179 ng/ul

RT: 16.996 min Scan# 3035

Delta R.T. -0.000 min

Lab File: BN026454.D

Acq: 11 Jul 2023 09:44

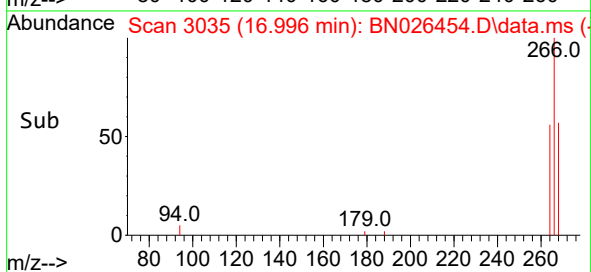
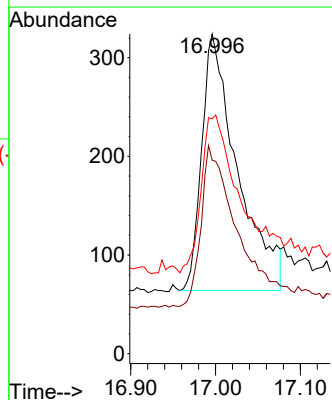
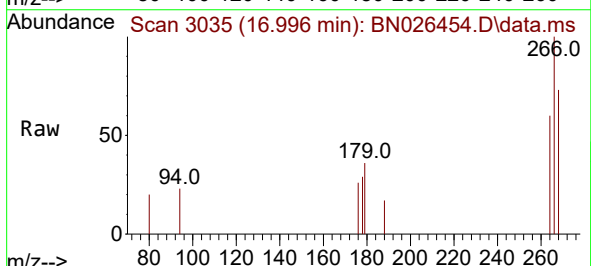
Tgt Ion:266 Resp: 761

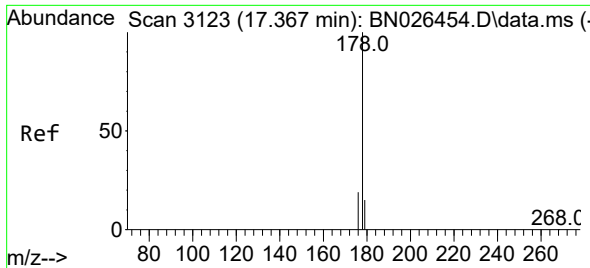
Ion Ratio Lower Upper

266 100

264 64.5 50.5 75.7

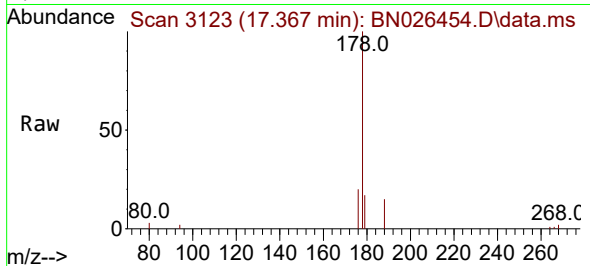
268 69.3 51.6 77.4



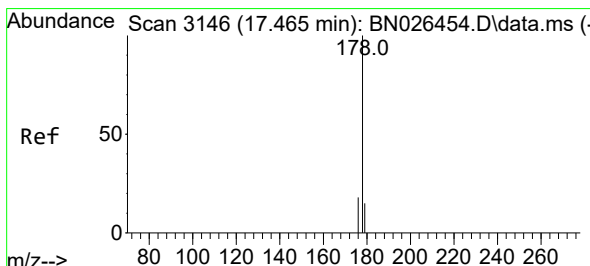
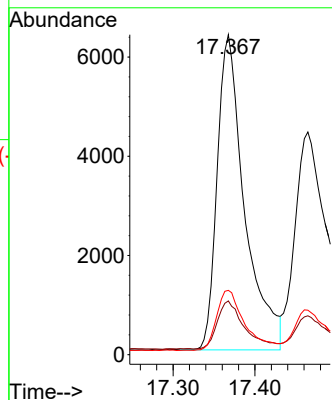


#15
 Phenanthrene
 Concen: 0.377 ng/ul
 RT: 17.367 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: BN026454.D
 Acq: 11 Jul 2023 09:44

Instrument :
 BNA_N
 ClientSampleId :

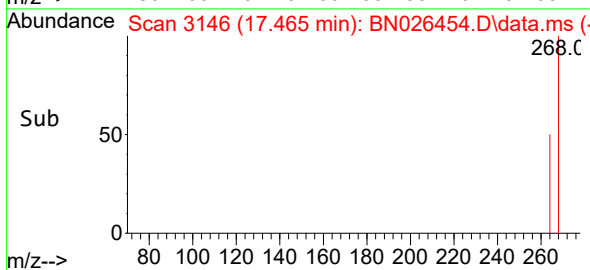
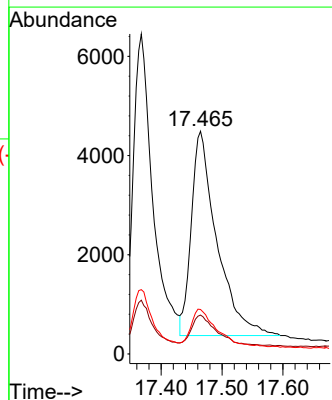
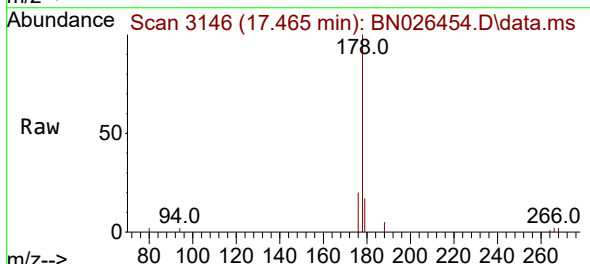


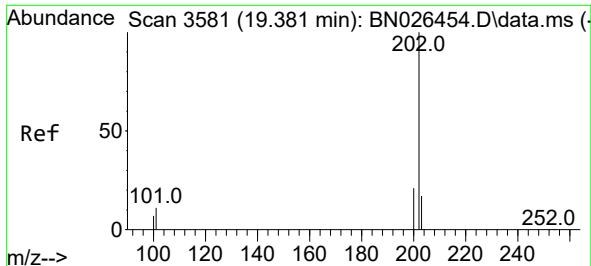
Tgt Ion:	178	Resp:	14798
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.6	19.0
176	20.1	15.8	23.6



#16
 Anthracene
 Concen: 0.345 ng/ul
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.000 min
 Lab File: BN026454.D
 Acq: 11 Jul 2023 09:44

Tgt Ion:	178	Resp:	12023
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.6	18.8
176	19.9	15.1	22.7





#19

Fluoranthene

Concen: 0.399 ng/ul

RT: 19.381 min Scan# 3581

Delta R.T. -0.006 min

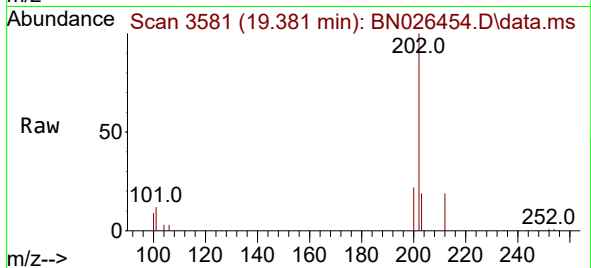
Lab File: BN026454.D

Acq: 11 Jul 2023 09:44

Instrument :

BNA_N

ClientSampleId :



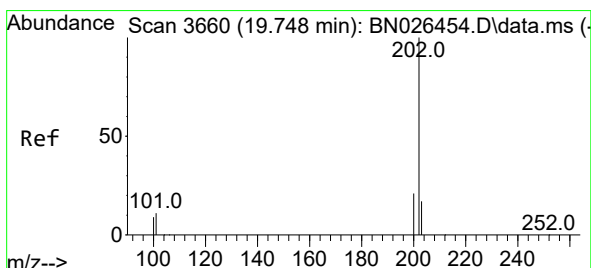
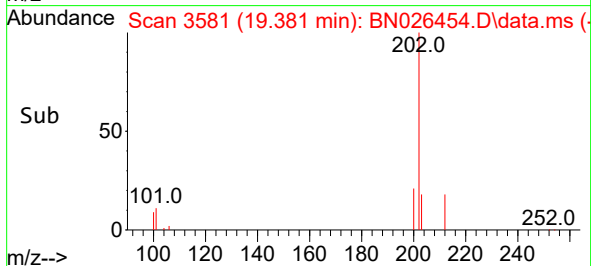
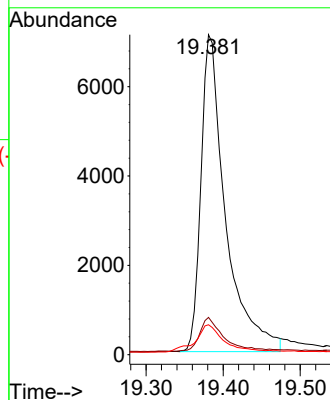
Tgt Ion:202 Resp: 15719

Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 9.4 7.3 10.9



#20

Pyrene

Concen: 0.415 ng/ul

RT: 19.748 min Scan# 3660

Delta R.T. -0.001 min

Lab File: BN026454.D

Acq: 11 Jul 2023 09:44

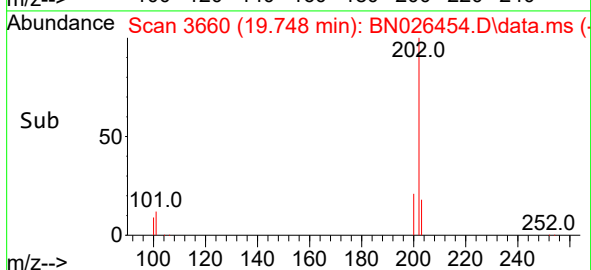
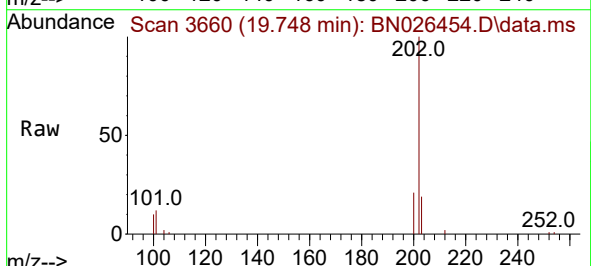
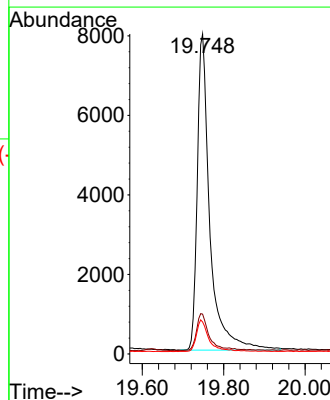
Tgt Ion:202 Resp: 17009

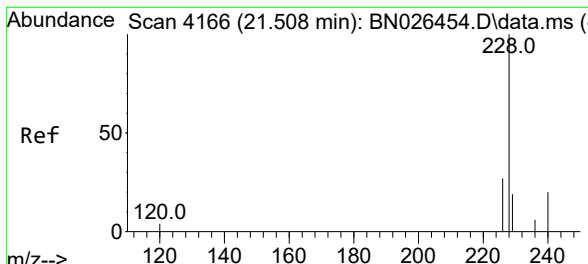
Ion Ratio Lower Upper

202 100

101 12.5 11.4 17.0

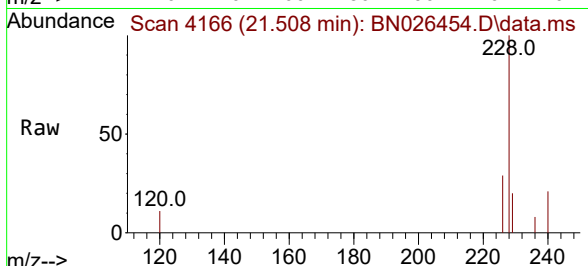
100 10.0 9.1 13.7



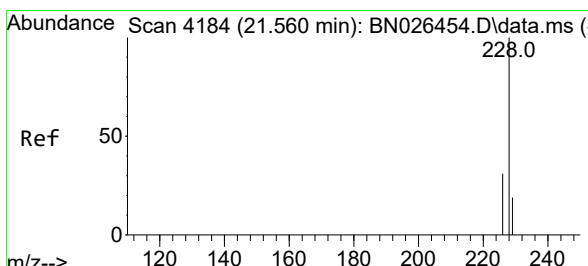
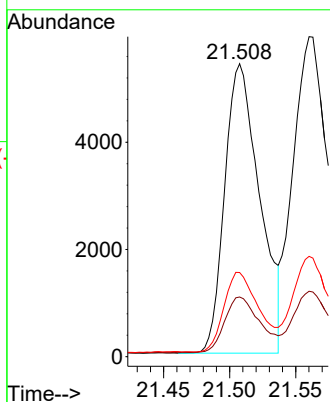
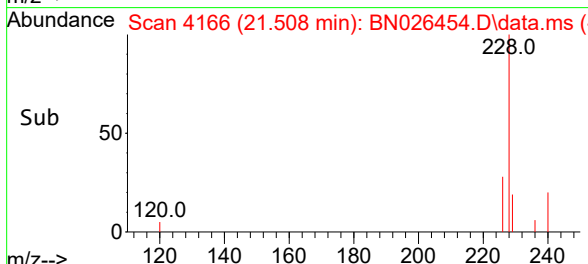


#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. 0.008 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

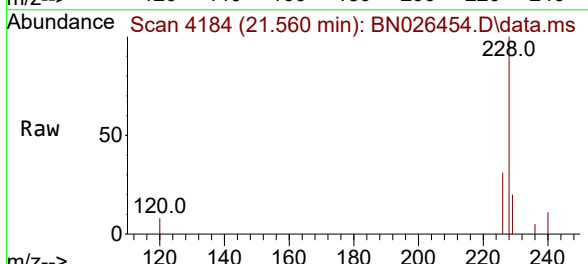
Instrument :
BNA_N
ClientSampleId :



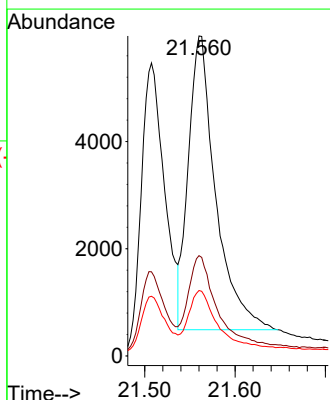
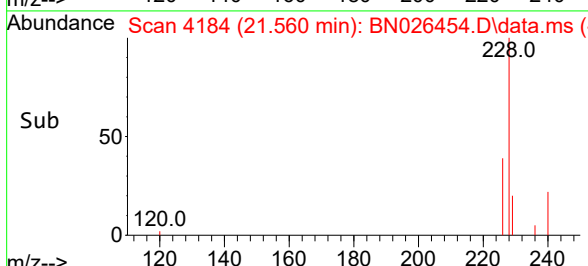
Tgt Ion:228 Resp: 9972
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.7 22.5 33.7

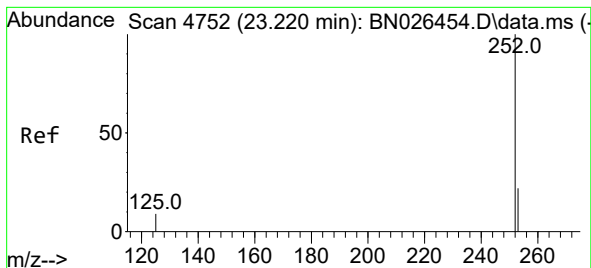


#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. 0.008 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44



Tgt Ion:228 Resp: 11537
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.364 ng/ul

RT: 23.220 min Scan# 4752

Delta R.T. 0.002 min

Lab File: BN026454.D

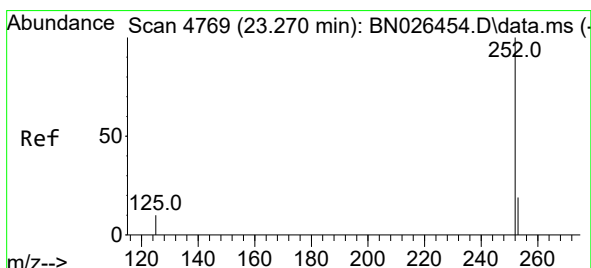
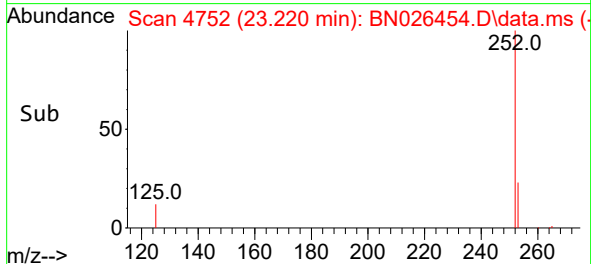
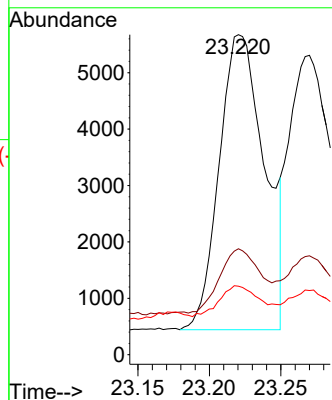
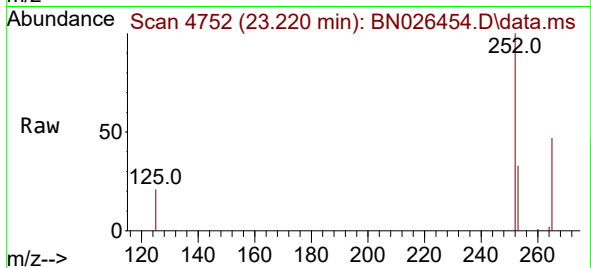
Acq: 11 Jul 2023 09:44

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	252	Resp:	11553
Ion Ratio	Lower	Upper	
252	100		
253	33.1	0.0	55.6
125	21.4	0.0	35.8



#25

Benzo(k)fluoranthene

Concen: 0.385 ng/ul

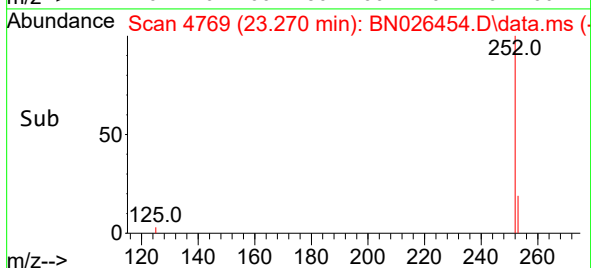
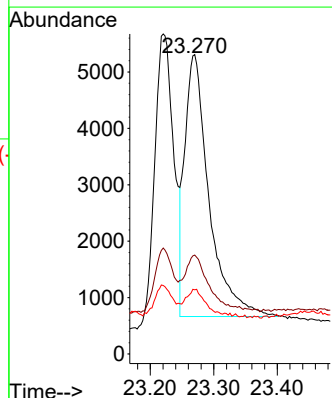
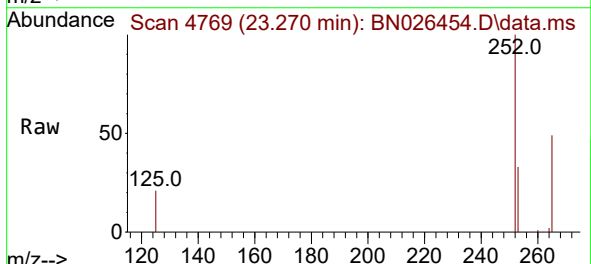
RT: 23.270 min Scan# 4769

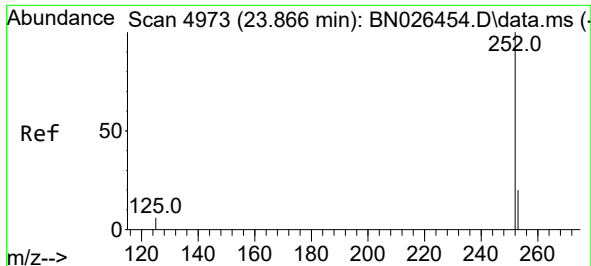
Delta R.T. 0.008 min

Lab File: BN026454.D

Acq: 11 Jul 2023 09:44

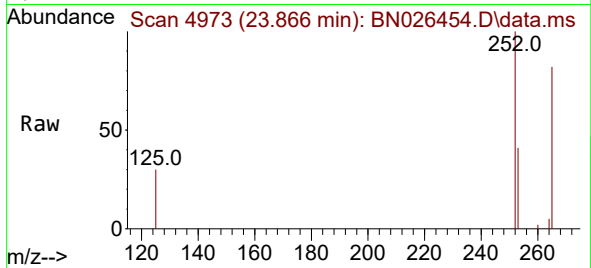
Tgt Ion:	252	Resp:	12270
Ion Ratio	Lower	Upper	
252	100		
253	33.0	23.2	34.8
125	21.5	15.0	22.4



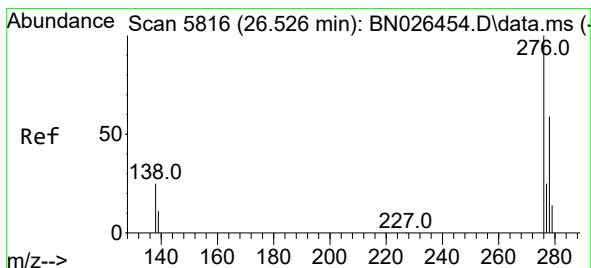
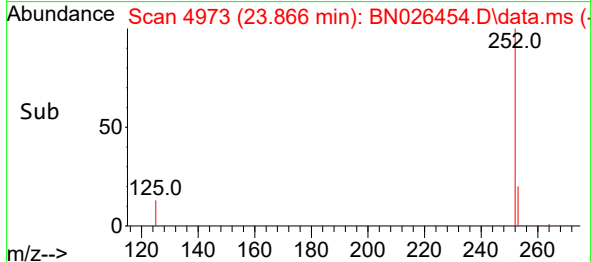
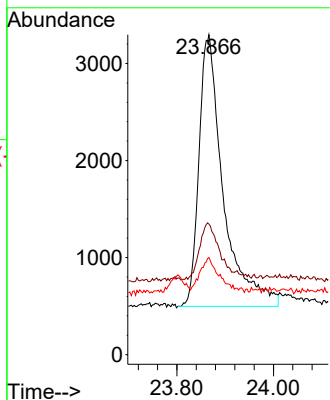


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.866 min Scan# 4973
Delta R.T. -0.004 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

Instrument :
BNA_N
ClientSampleId :

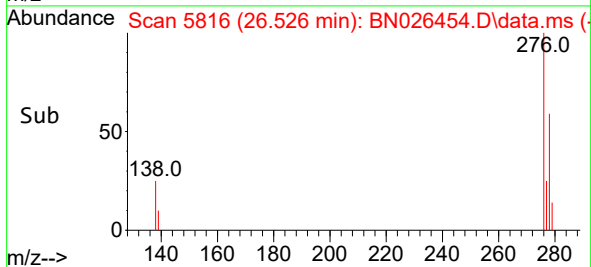
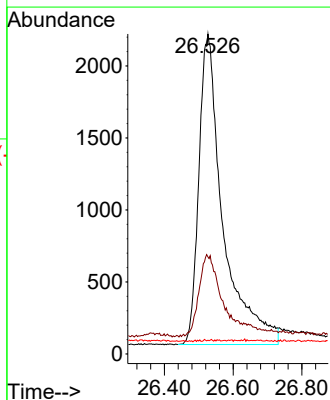
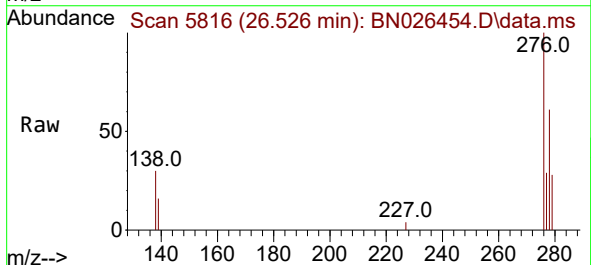


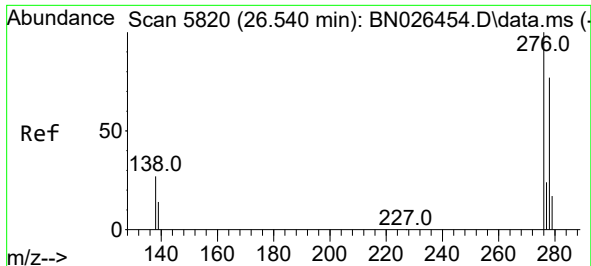
Tgt Ion:252 Resp: 9736
Ion Ratio Lower Upper
252 100
253 40.8 26.0 39.0#
125 30.4 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.526 min Scan# 5816
Delta R.T. -0.014 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

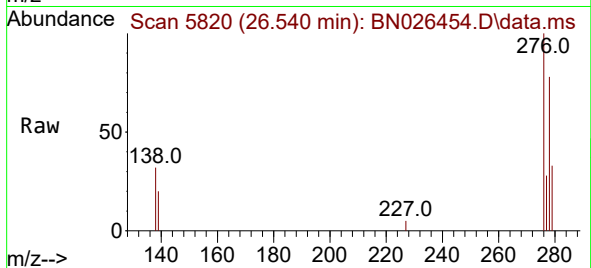
Tgt Ion:276 Resp: 10509
Ion Ratio Lower Upper
276 100
138 27.1 24.5 36.7
227 0.1 0.0 0.0#



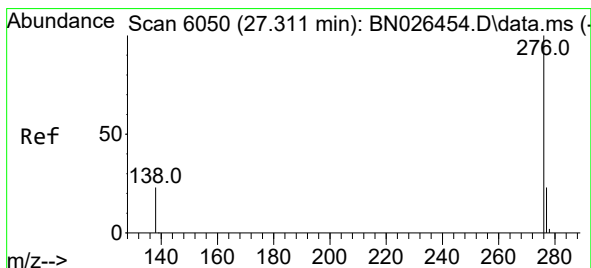
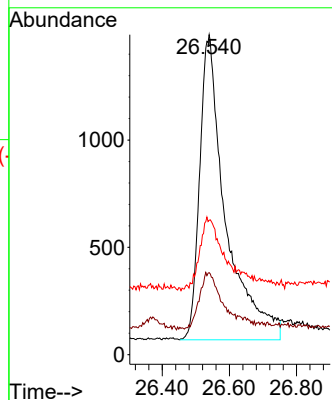


#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. -0.021 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 7622
Ion Ratio Lower Upper
278 100
139 25.6 19.0 28.4
279 42.0 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 27.311 min Scan# 6050
Delta R.T. -0.024 min
Lab File: BN026454.D
Acq: 11 Jul 2023 09:44

Tgt Ion:276 Resp: 10248
Ion Ratio Lower Upper
276 100
138 28.7 23.4 35.0
277 27.9 20.0 30.0

