

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026139.D
 Acq On : 30 Jun 2023 20:47
 Operator : MA/JU
 Sample : 03143-21DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV8DL

Quant Time: Jul 01 01:48:07 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

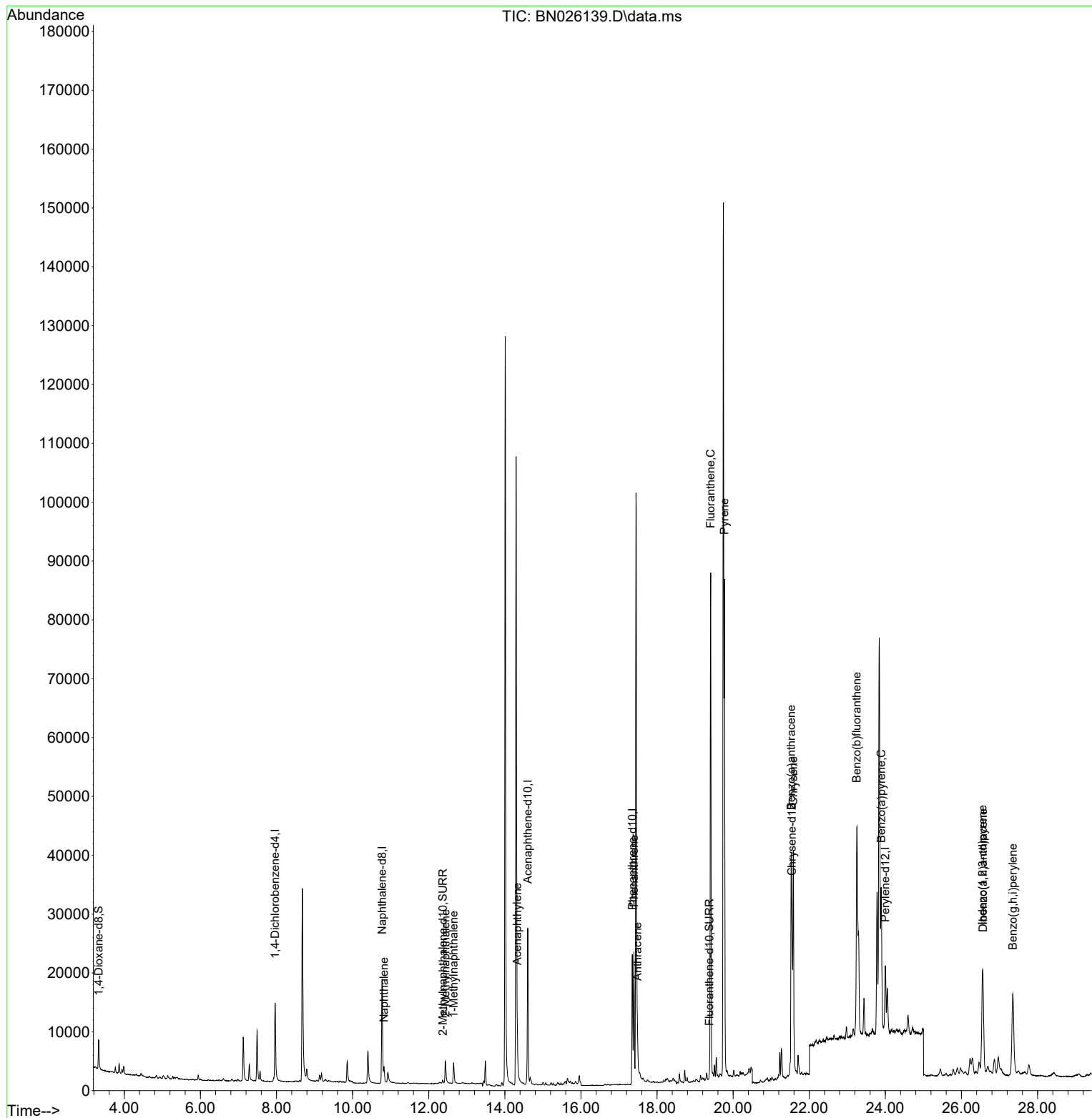
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8528	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	27490	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	15423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28457	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	14902	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	15700	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3652	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	1028	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	1626	0.029	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.824	128	3591	0.046	ng/ul#	90
7) 2-Methylnaphthalene	12.441	142	3562	0.071	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	2913	0.056	ng/ul	98
10) Acenaphthylene	14.324	152	7657	0.106	ng/ul#	95
15) Phenanthrene	17.393	178	25903	0.276	ng/ul	99
16) Anthracene	17.486	178	6004	0.072	ng/ul#	91
19) Fluoranthene	19.409	202	79082	0.994	ng/ul	98
20) Pyrene	19.771	202	69332	0.837	ng/ul	97
21) Benzo(a)anthracene	21.525	228	33658	0.548	ng/ul	96
22) Chrysene	21.581	228	43901	0.686	ng/ul	96
24) Benzo(b)fluoranthene	23.250	252	89964	1.343	ng/ul	97
26) Benzo(a)pyrene	23.890	252	36620	0.629	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.557	276	35062	0.552	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.567	278	7876	0.164	ng/ul#	74
29) Benzo(g,h,i)perylene	27.348	276	33542	0.593	ng/ul	98

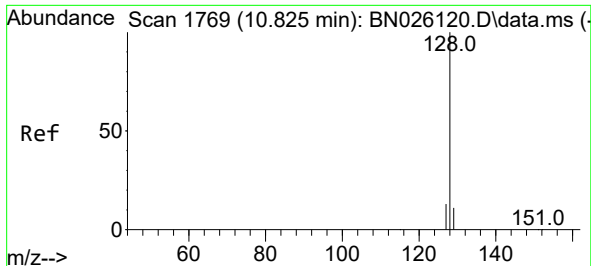
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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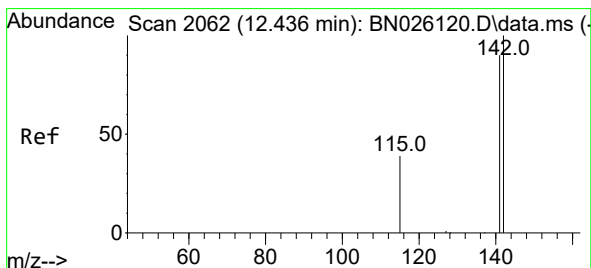
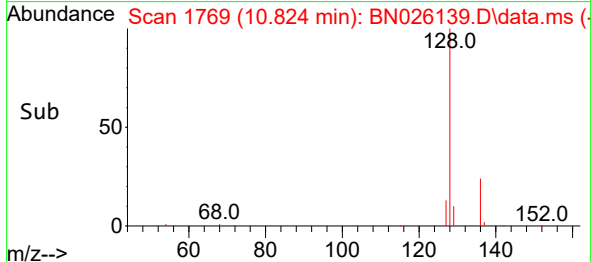
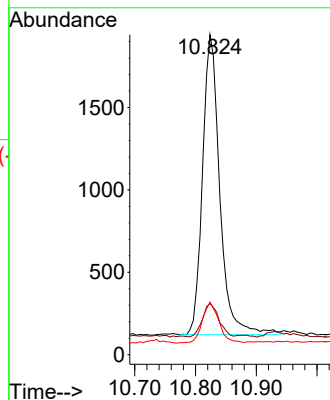
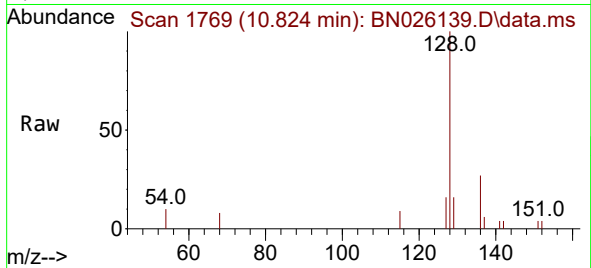




#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

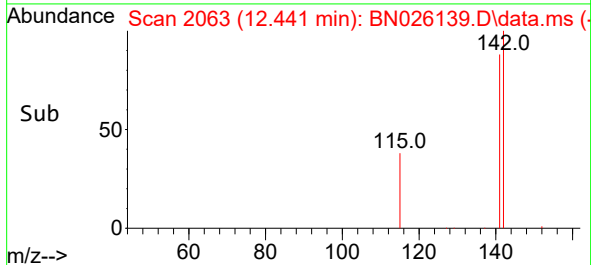
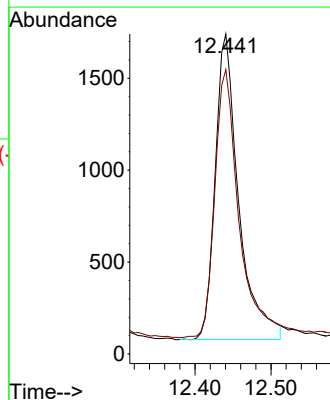
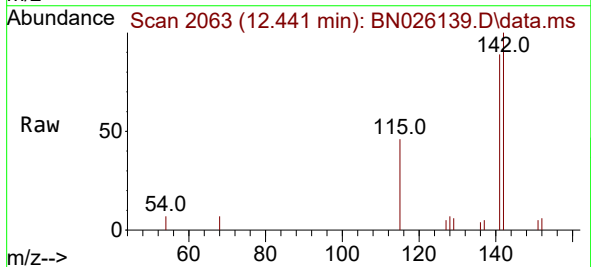
Instrument :
BNA_N
ClientSampleId :
DCFV8DL

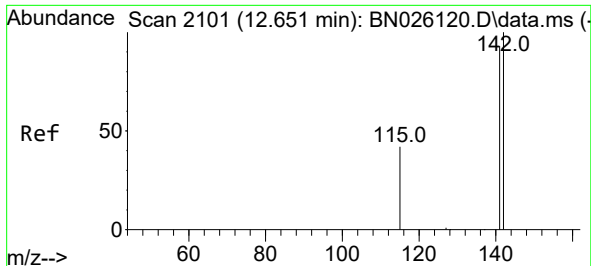
Tgt Ion:128 Resp: 3591
Ion Ratio Lower Upper
128 100
129 16.0 9.1 13.7#
127 16.4 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Tgt Ion:142 Resp: 3562
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9

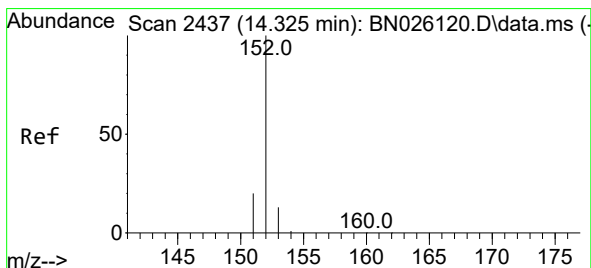
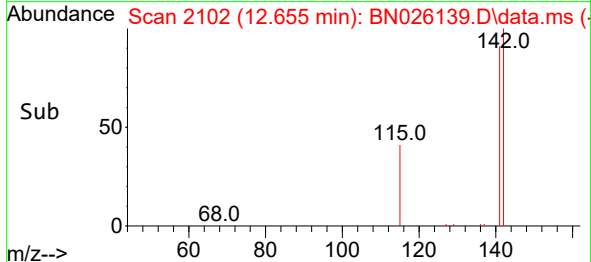
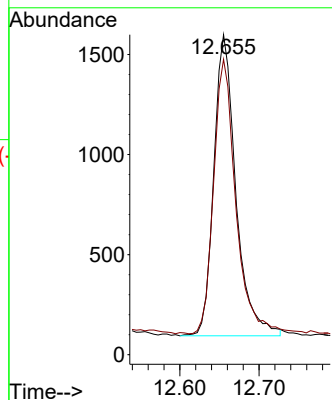
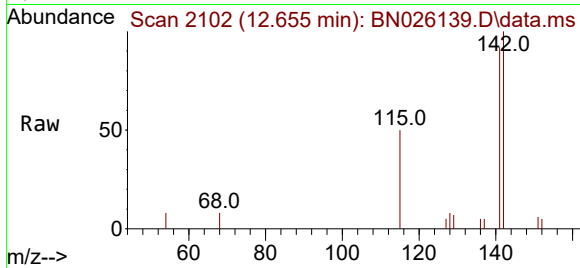




#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.655 min Scan# 2101
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

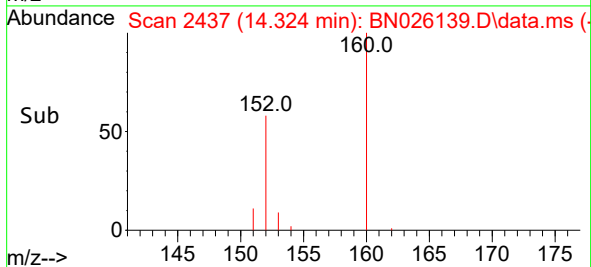
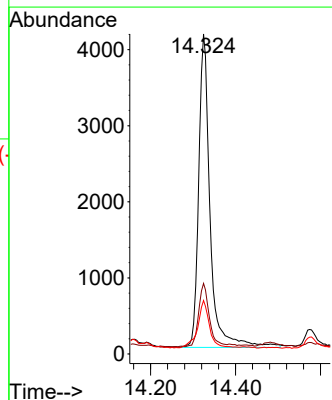
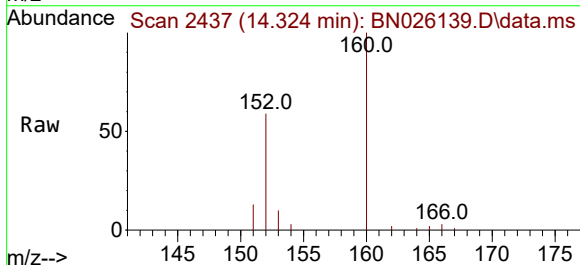
Instrument :
BNA_N
ClientSampleId :
DCFV8DL

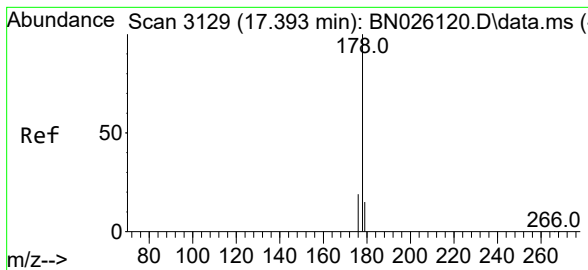
Tgt Ion:142 Resp: 2913
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Tgt Ion:152 Resp: 7657
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.4
153 16.7 10.9 16.3#

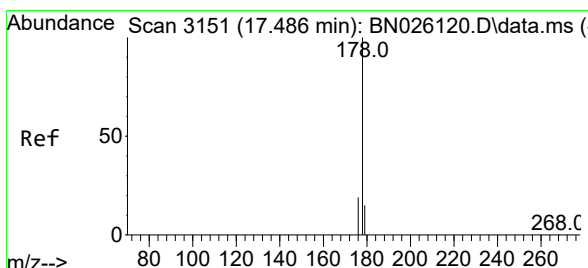
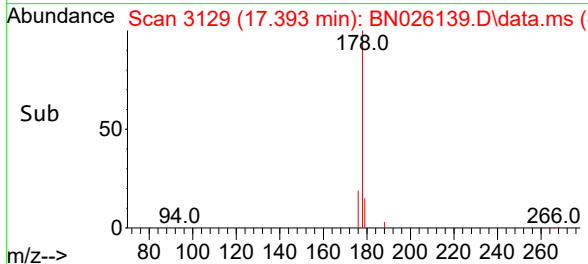
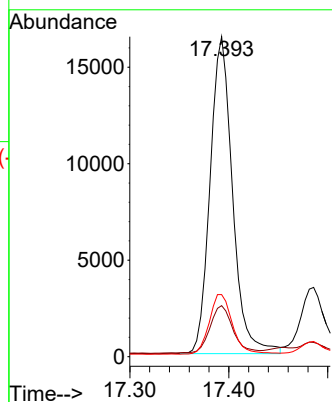
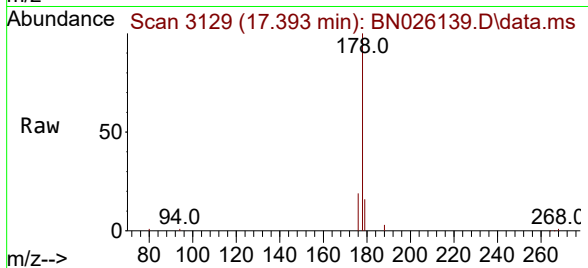




#15
 Phenanthrene
 Concen: 0.276 ng/ul
 RT: 17.393 min Scan# 3129
 Delta R.T. -0.001 min
 Lab File: BN026139.D
 Acq: 30 Jun 2023 20:47

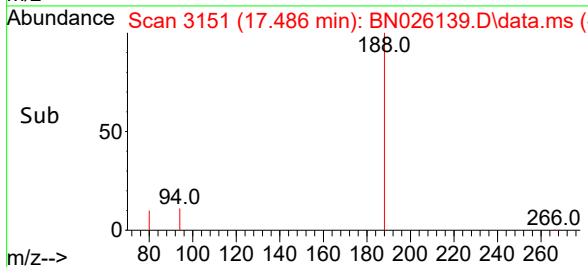
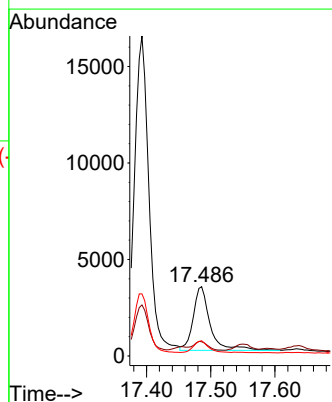
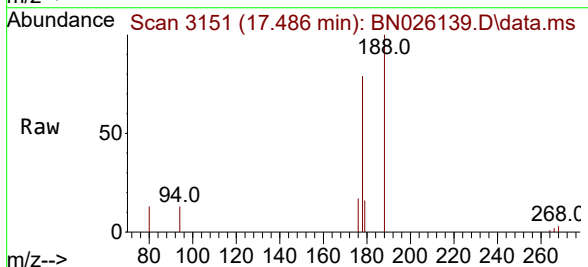
Instrument :
 BNA_N
 ClientSampleId :
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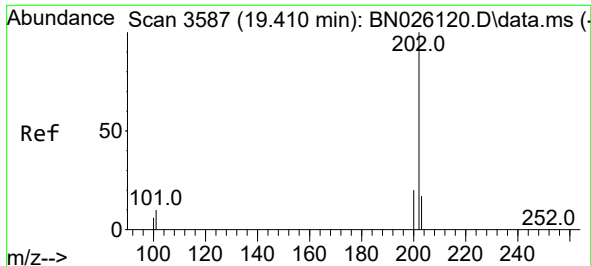
Tgt Ion:	178	Resp:	25903
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	19.4	15.8	23.6



#16
 Anthracene
 Concen: 0.072 ng/ul
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.001 min
 Lab File: BN026139.D
 Acq: 30 Jun 2023 20:47

Tgt Ion:	178	Resp:	6004
Ion Ratio	Lower	Upper	
178	100		
179	20.5	12.6	18.8#
176	22.0	15.1	22.7

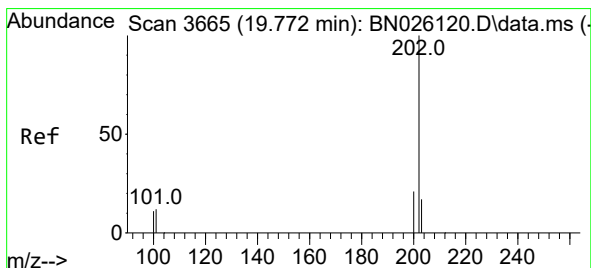
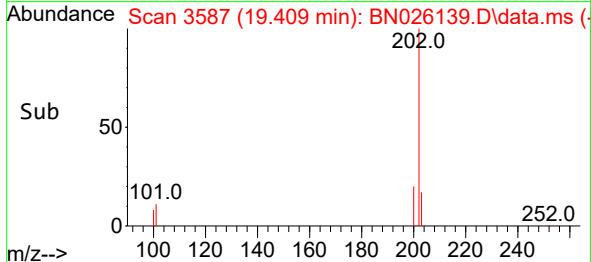
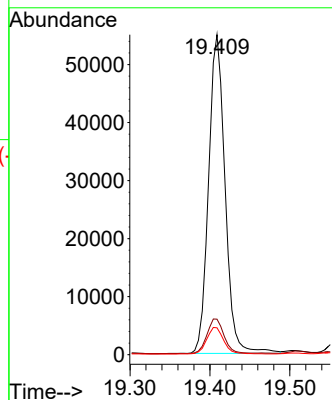
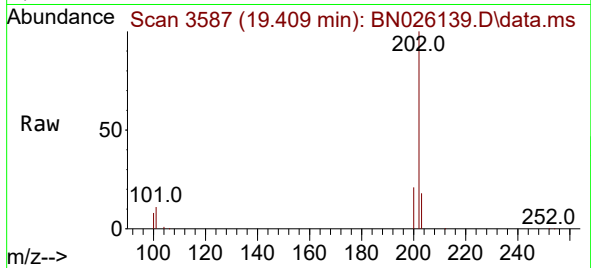




#19
Fluoranthene
Concen: 0.994 ng/ul
RT: 19.409 min Scan# 3587
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

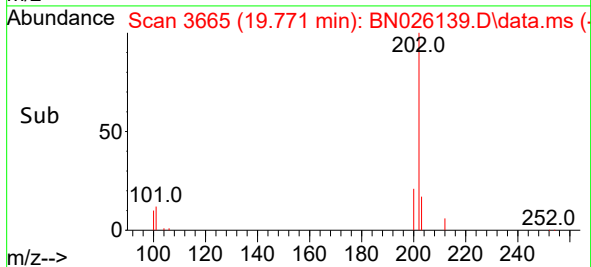
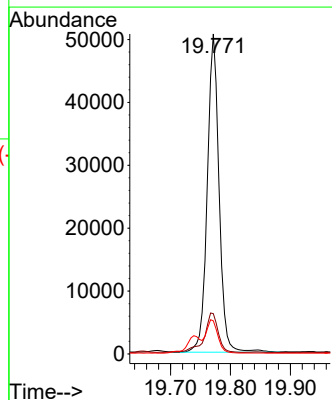
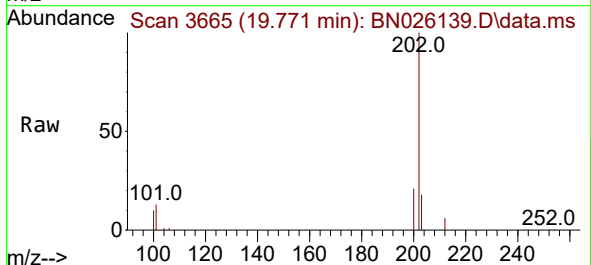
Instrument :
BNA_N
ClientSampleId :
DCFV8DL

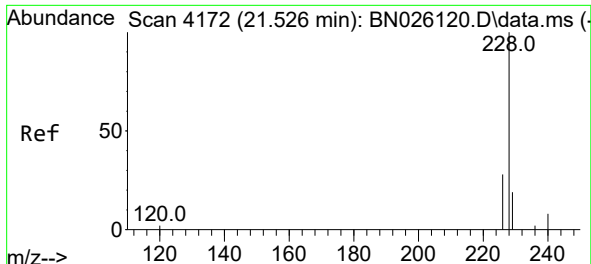
Tgt Ion:202 Resp: 79082
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 0.837 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

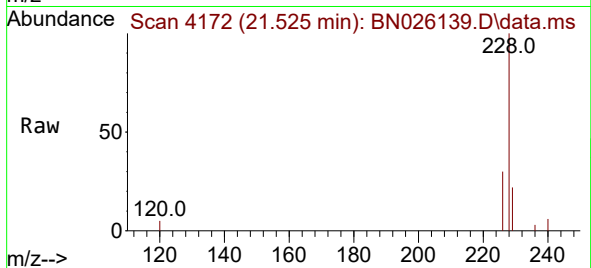
Tgt Ion:202 Resp: 69332
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7



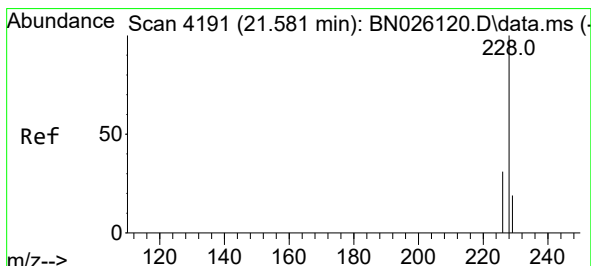
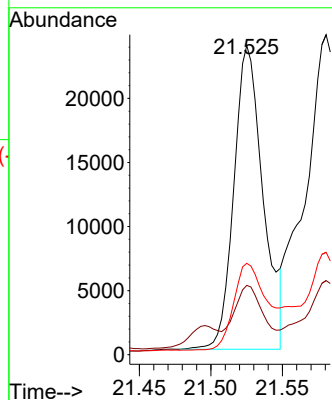
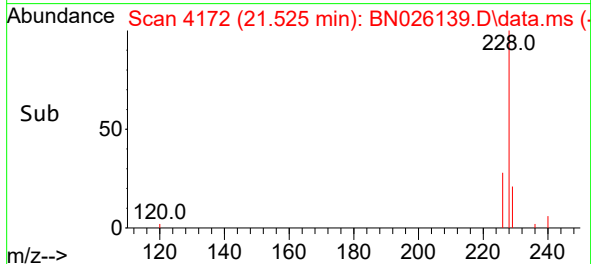


#21
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Instrument :
BNA_N
ClientSampleId :
DCFV8DL

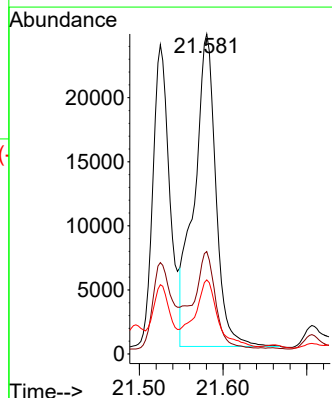
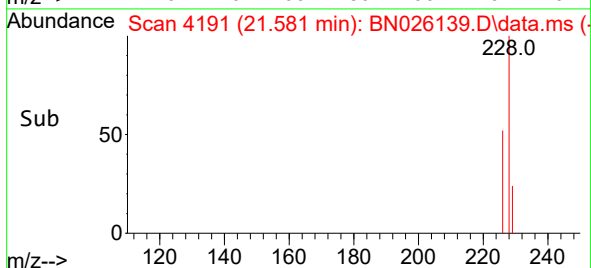
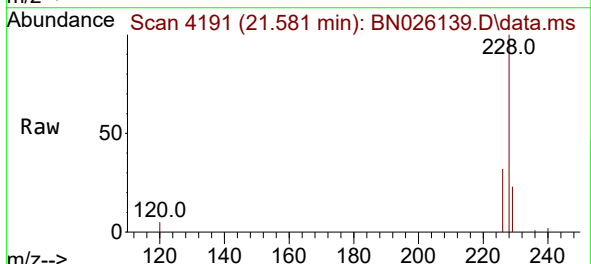


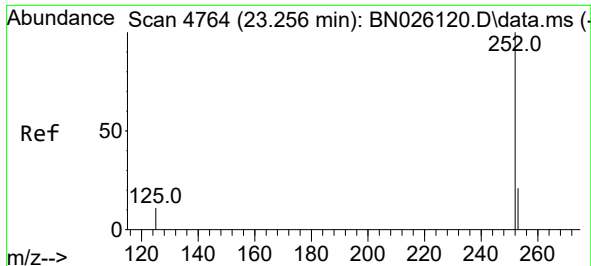
Tgt Ion:228 Resp: 33658
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.6
226 29.6 22.5 33.7



#22
Chrysene
Concen: 0.686 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

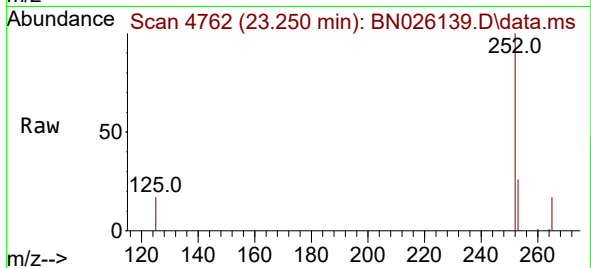
Tgt Ion:228 Resp: 43901
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 23.2 15.7 23.5



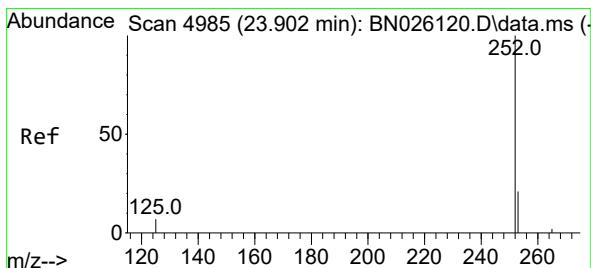
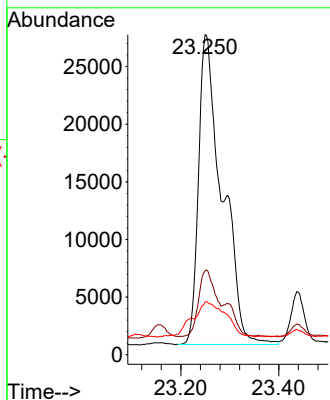
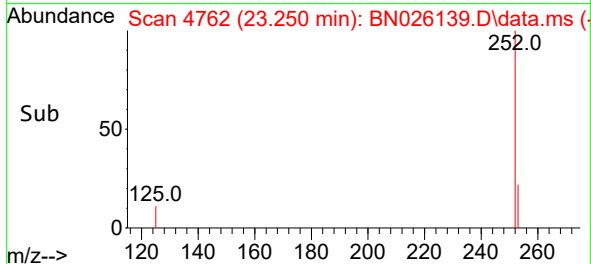


#24
Benzo(b)fluoranthene
Concen: 1.343 ng/ul
RT: 23.250 min Scan# 41
Delta R.T. 0.007 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Instrument :
BNA_N
ClientSampleId :
DCFV8DL

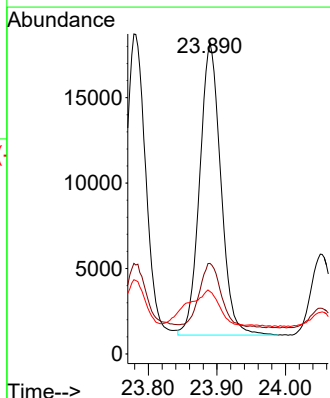
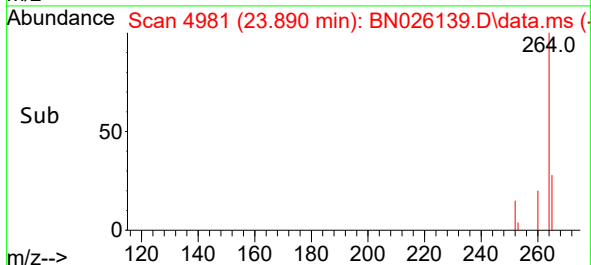
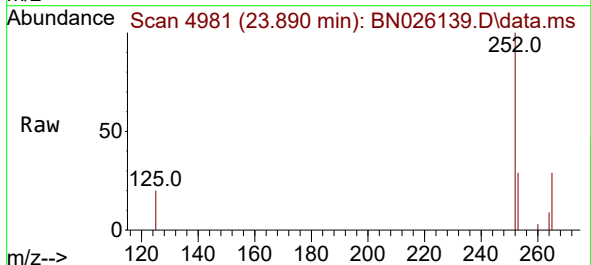


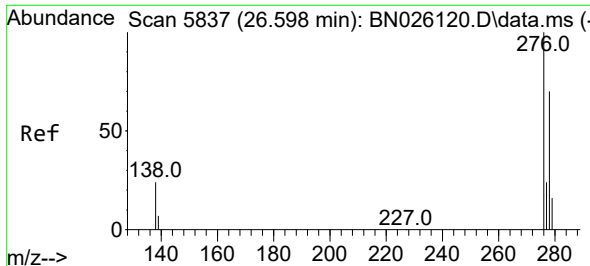
Tgt Ion:252 Resp: 89964
Ion Ratio Lower Upper
252 100
253 26.2 0.0 55.6
125 16.5 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.629 ng/ul
RT: 23.890 min Scan# 4981
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Tgt Ion:252 Resp: 36620
Ion Ratio Lower Upper
252 100
253 29.1 26.0 39.0
125 20.0 17.3 25.9

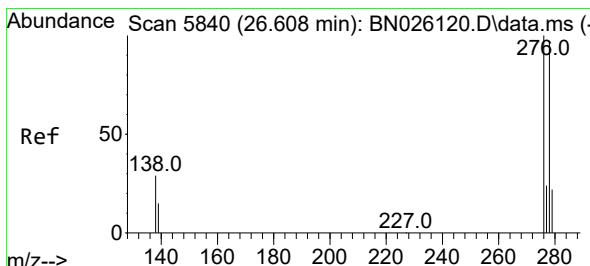
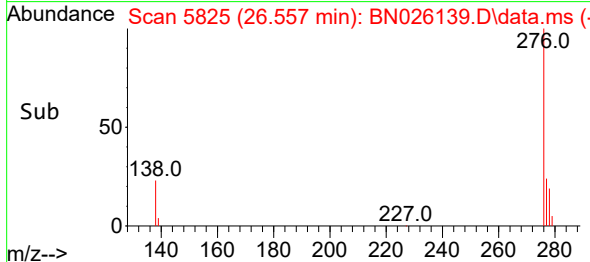
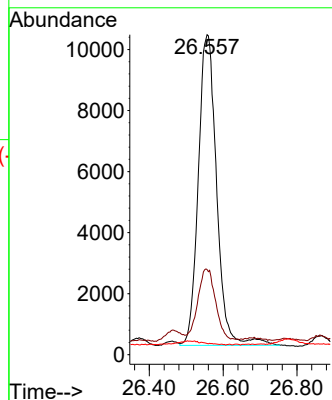
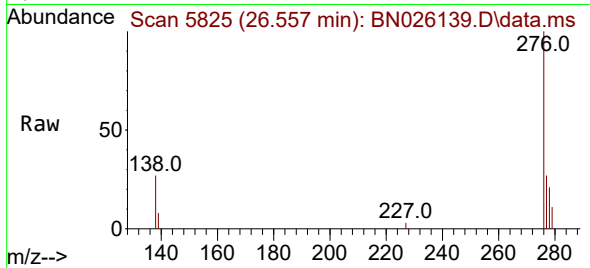




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.552 ng/ul
 RT: 26.557 min Scan# 5825
 Delta R.T. -0.002 min
 Lab File: BN026139.D
 Acq: 30 Jun 2023 20:47

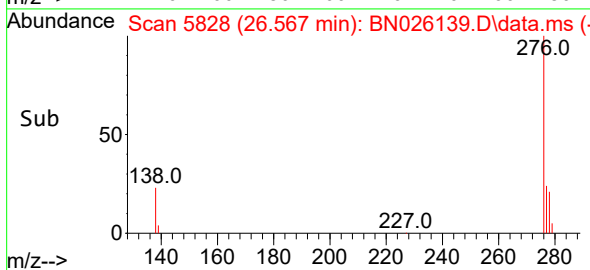
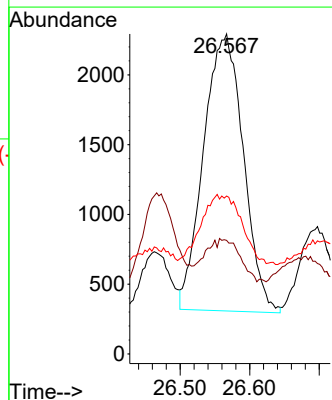
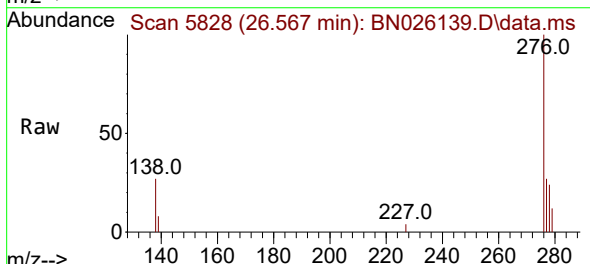
Instrument :
 BNA_N
 ClientSampleId :
 DCFV8DL

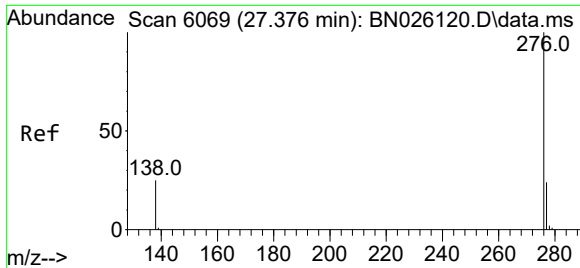
Tgt Ion:276 Resp: 35062
 Ion Ratio Lower Upper
 276 100
 138 22.9 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.164 ng/ul
 RT: 26.567 min Scan# 5828
 Delta R.T. -0.012 min
 Lab File: BN026139.D
 Acq: 30 Jun 2023 20:47

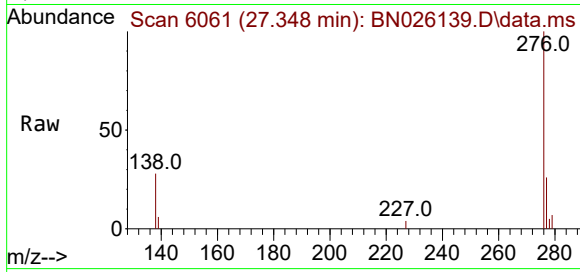
Tgt Ion:278 Resp: 7876
 Ion Ratio Lower Upper
 278 100
 139 35.5 19.0 28.4#
 279 49.3 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.593 ng/ul
 RT: 27.348 min Scan# 6061
 Delta R.T. 0.002 min
 Lab File: BN026139.D
 Acq: 30 Jun 2023 20:47

Instrument :
 BNA_N
 ClientSampleId :
 DCFV8DL



Tgt Ion: 276 Resp: 33542

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.4	35.0
277	26.2	20.0	30.0

