

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026095.D
 Acq On : 29 Jun 2023 15:26
 Operator : MA/JU
 Sample : 03142-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS6DL

Quant Time: Jun 30 00:44:06 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

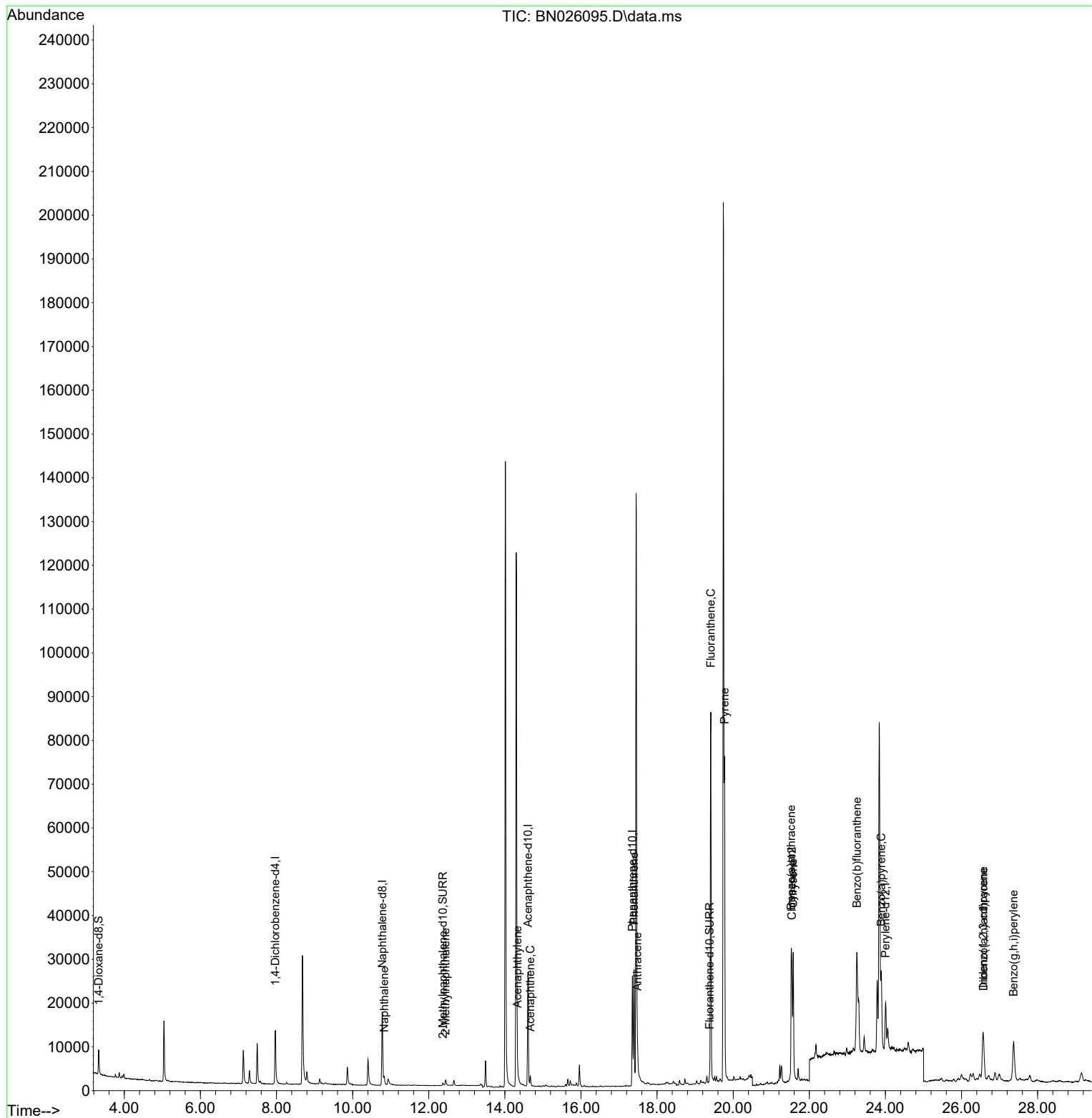
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7983	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	26857	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	15913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31764	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17654	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	16294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4058	0.451	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	1171	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	2140	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	2384	0.031	ng/ul#	87
7) 2-Methylnaphthalene	12.442	142	1337	0.027	ng/ul	100
10) Acenaphthylene	14.331	152	2343	0.031	ng/ul#	87
11) Acenaphthene	14.668	153	1298	0.021	ng/ul	95
15) Phenanthrene	17.394	178	30249	0.288	ng/ul	100
16) Anthracene	17.483	178	4421	0.047	ng/ul#	88
19) Fluoranthene	19.411	202	78634	0.834	ng/ul	98
20) Pyrene	19.773	202	63383	0.646	ng/ul	96
21) Benzo(a)anthracene	21.524	228	24978	0.343	ng/ul	96
22) Chrysene	21.577	228	32225	0.425	ng/ul#	95
24) Benzo(b)fluoranthene	23.251	252	61915	0.890	ng/ul	98
26) Benzo(a)pyrene	23.889	252	26750	0.443	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.568	276	22925	0.347	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.575	278	4970	0.100	ng/ul#	56
29) Benzo(g,h,i)perylene	27.370	276	22370	0.381	ng/ul	98

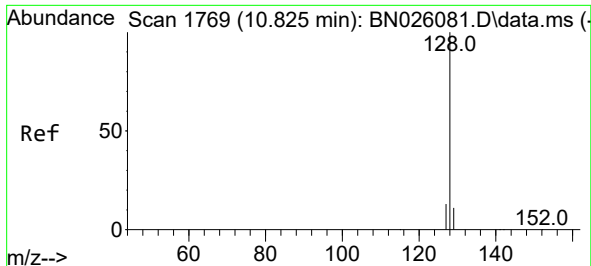
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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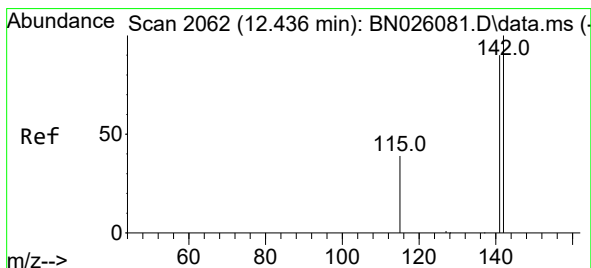
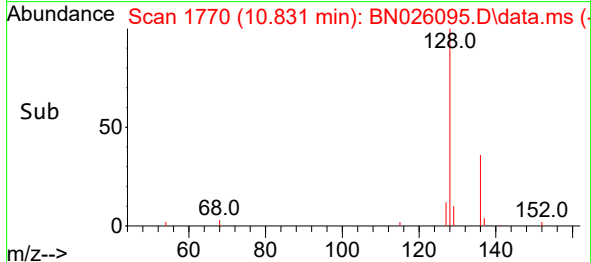
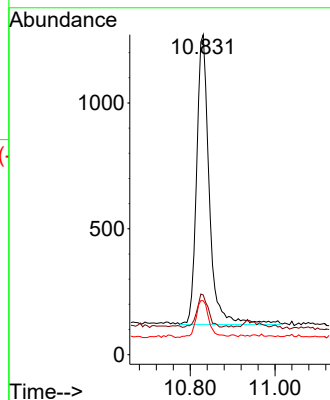
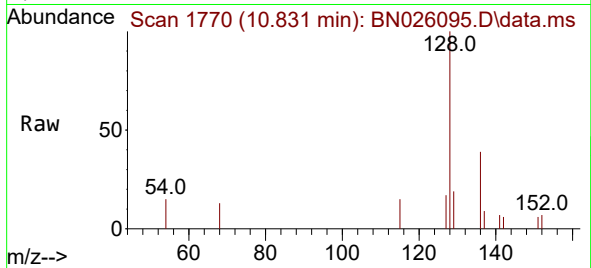




#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

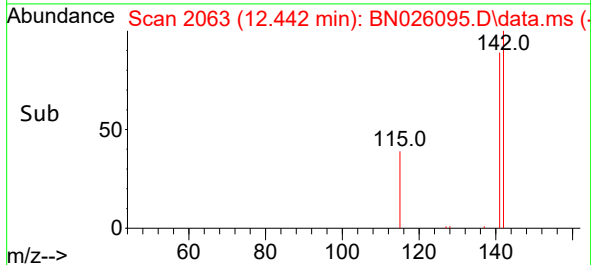
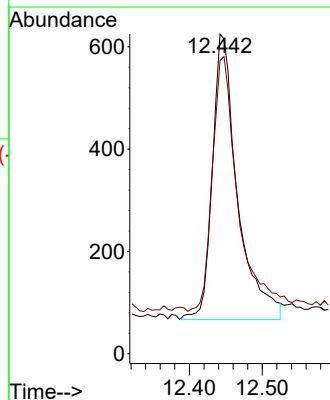
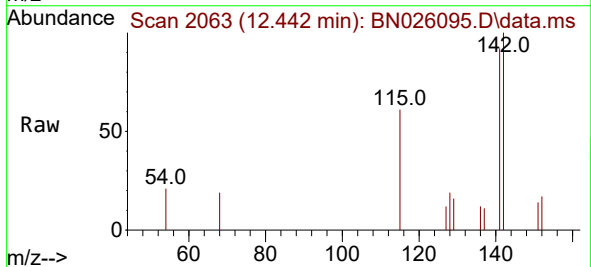
Instrument :
BNA_N
ClientSampleId :
DCFS6DL

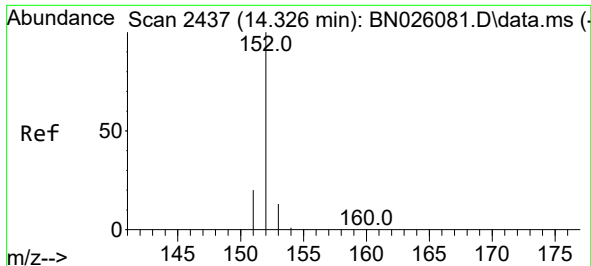
Tgt Ion:128 Resp: 2384
Ion Ratio Lower Upper
128 100
129 18.6 9.1 13.7#
127 16.8 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

Tgt Ion:142 Resp: 1337
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9

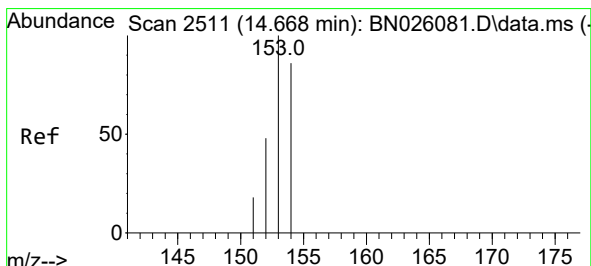
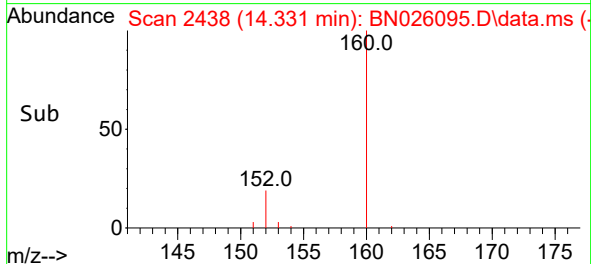
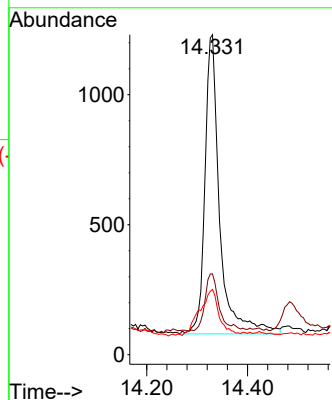
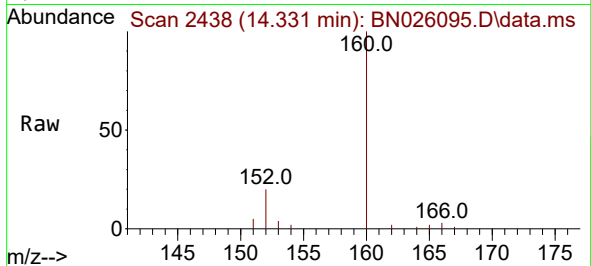




#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.331 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

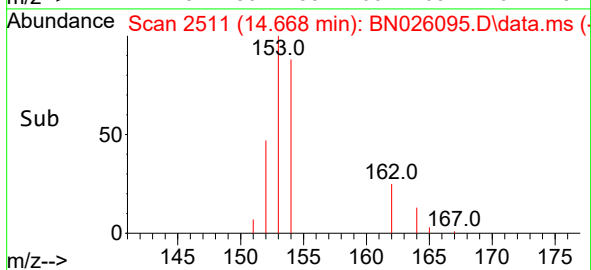
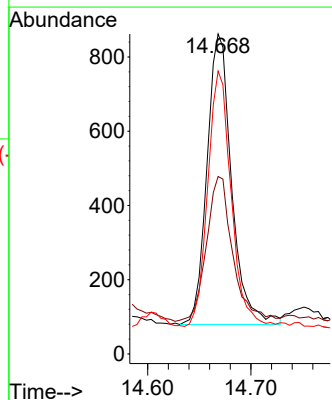
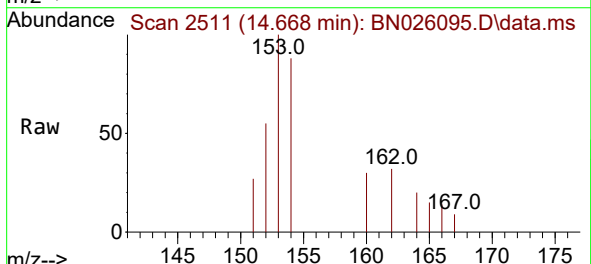
Instrument :
BNA_N
ClientSampleId :
DCFS6DL

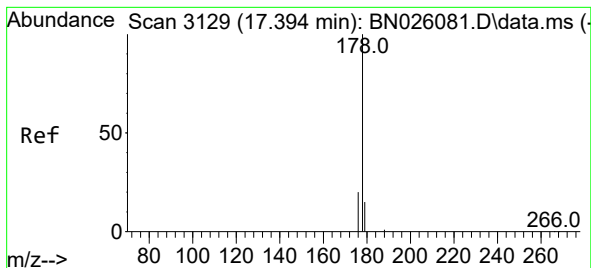
Tgt Ion:152 Resp: 2343
Ion Ratio Lower Upper
152 100
151 25.3 16.2 24.4#
153 20.4 10.9 16.3#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.668 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

Tgt Ion:153 Resp: 1298
Ion Ratio Lower Upper
153 100
152 55.5 39.4 59.0
154 88.4 68.9 103.3





#15

Phenanthrene

Concen: 0.288 ng/ul

RT: 17.394 min Scan# 3129

Delta R.T. -0.007 min

Lab File: BN026095.D

Acq: 29 Jun 2023 15:26

Instrument :

BNA_N

ClientSampleId :

DCFS6DL

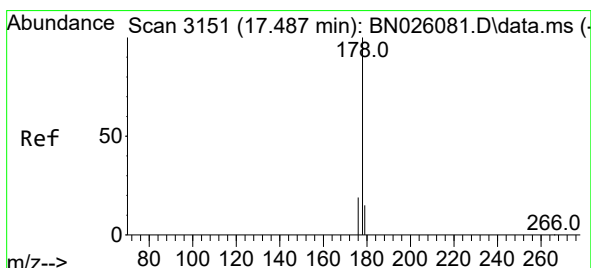
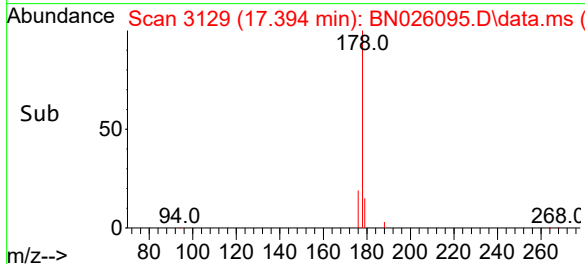
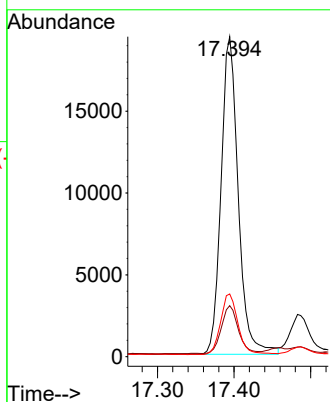
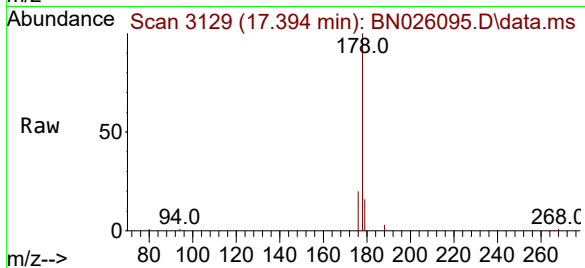
Tgt Ion:178 Resp: 30249

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 19.6 15.8 23.6



#16

Anthracene

Concen: 0.047 ng/ul

RT: 17.483 min Scan# 3150

Delta R.T. -0.012 min

Lab File: BN026095.D

Acq: 29 Jun 2023 15:26

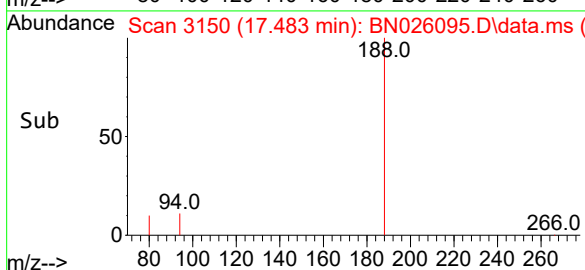
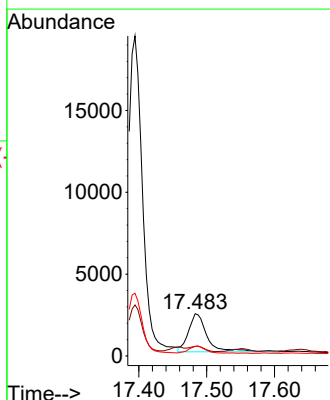
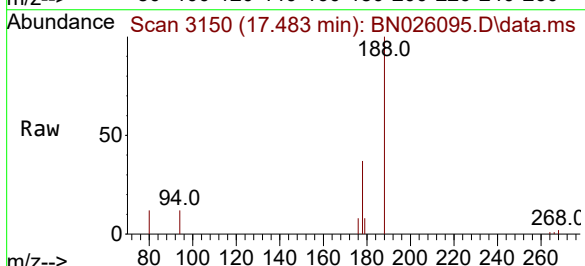
Tgt Ion:178 Resp: 4421

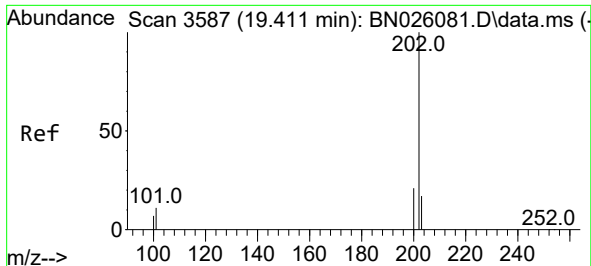
Ion Ratio Lower Upper

178 100

179 22.7 12.6 18.8#

176 22.6 15.1 22.7

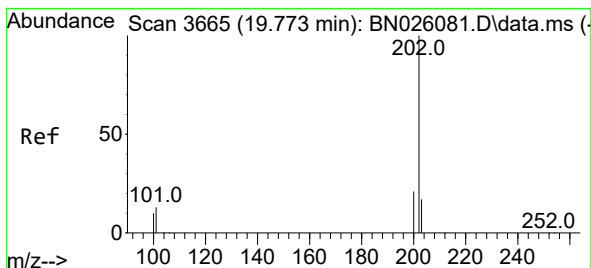
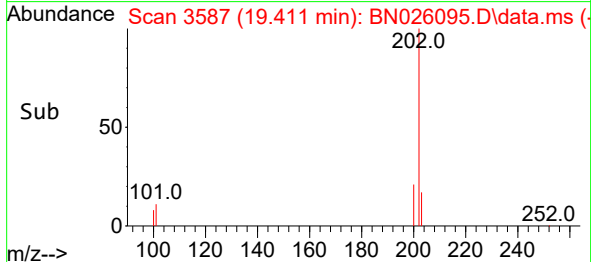
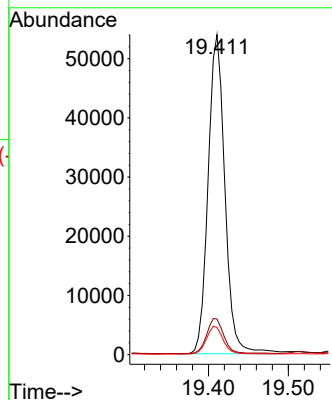
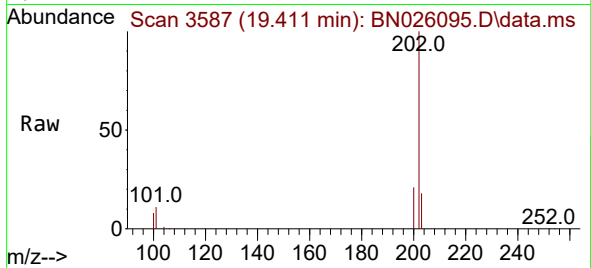




#19
Fluoranthene
Concen: 0.834 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

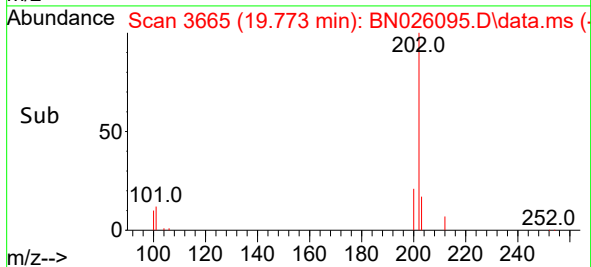
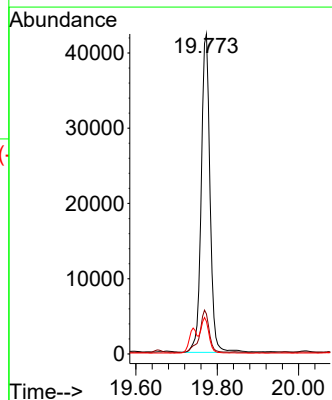
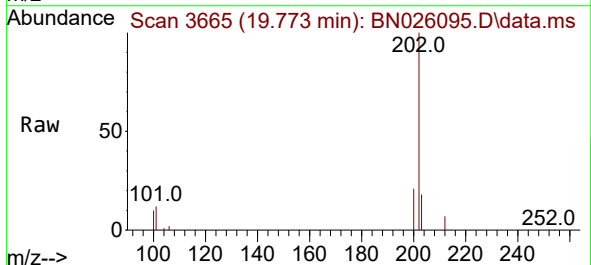
Instrument :
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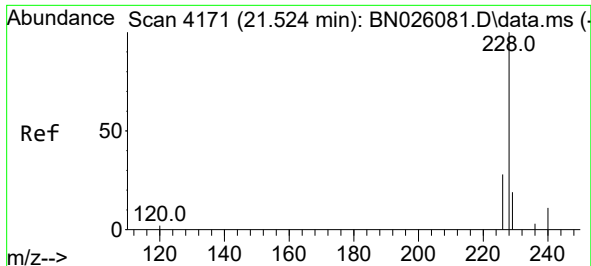
Tgt Ion:202 Resp: 78634
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 0.646 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

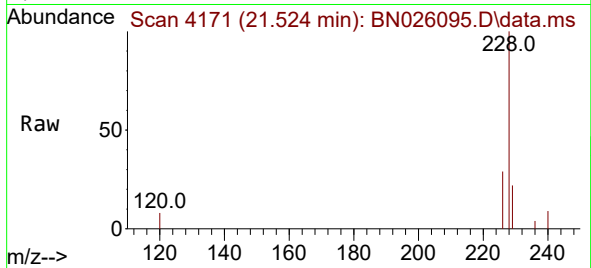
Tgt Ion:202 Resp: 63383
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.1 9.1 13.7



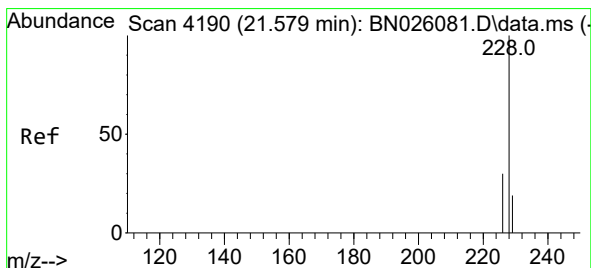
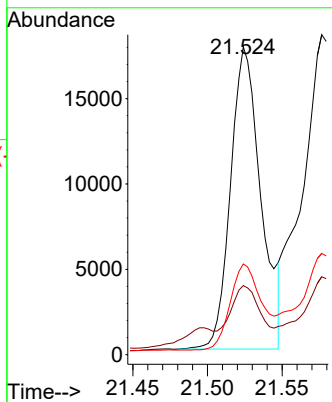
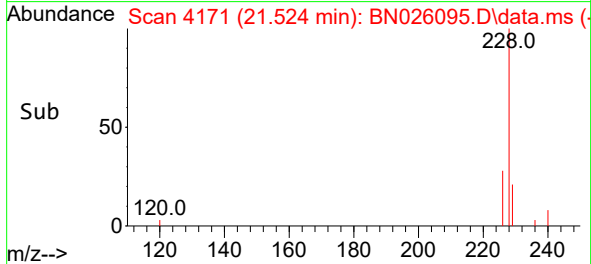


#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.524 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

Instrument :
BNA_N
ClientSampleId :
DCFS6DL

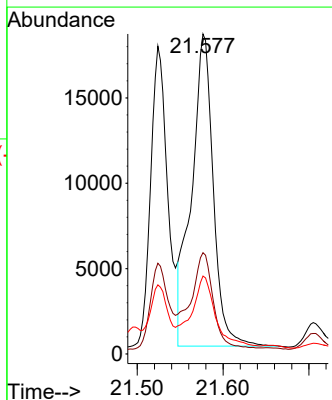
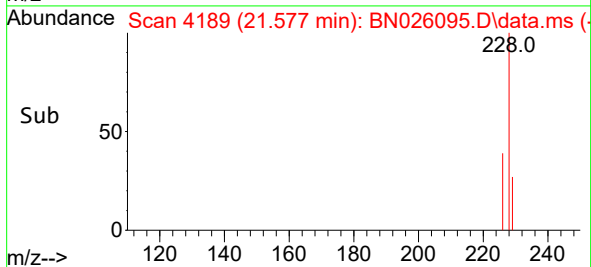
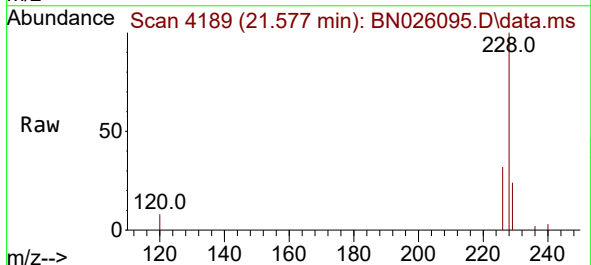


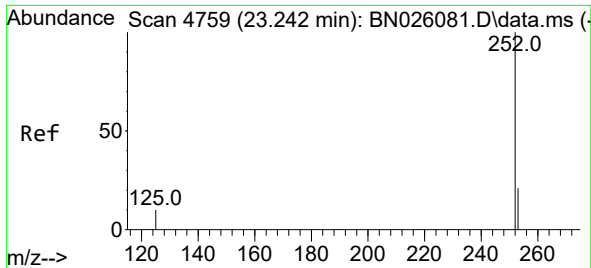
Tgt Ion:228	Resp:	24978
Ion Ratio	Lower	Upper
228	100	
229	22.5	15.8 23.6
226	29.5	22.5 33.7



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.577 min Scan# 4189
Delta R.T. -0.002 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

Tgt Ion:228	Resp:	32225
Ion Ratio	Lower	Upper
228	100	
226	31.7	24.8 37.2
229	24.3	15.7 23.5

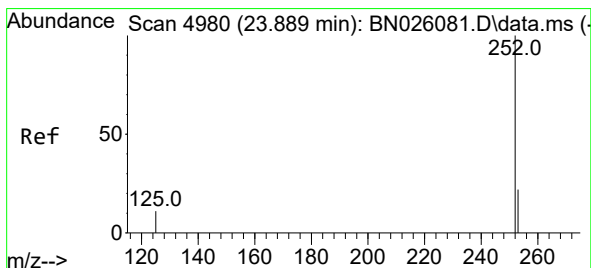
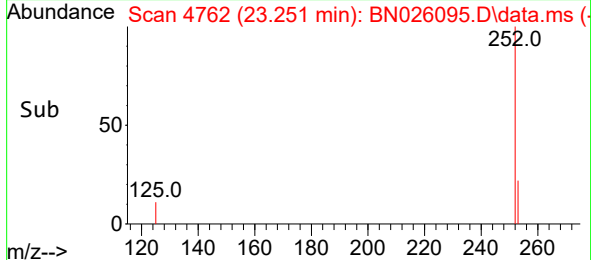
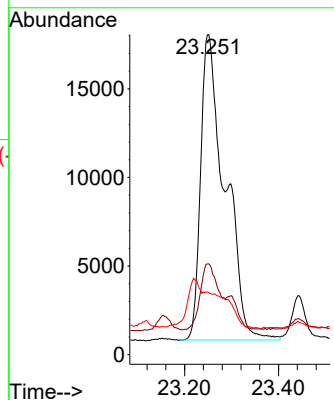
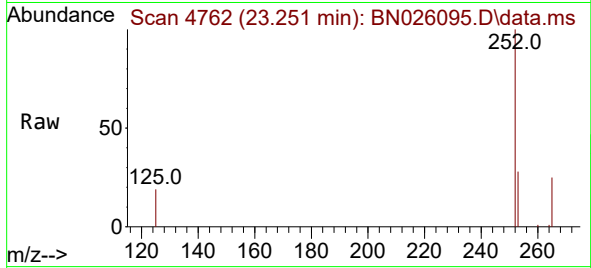




#24
Benzo(b)fluoranthene
Concen: 0.890 ng/ul
RT: 23.251 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

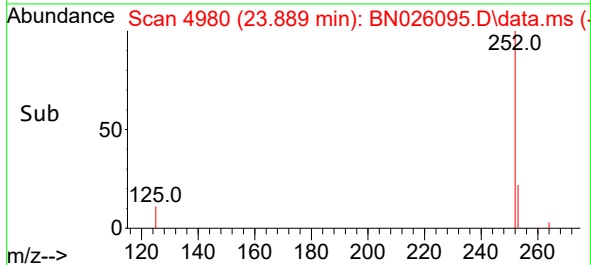
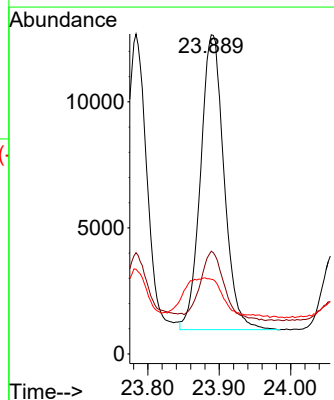
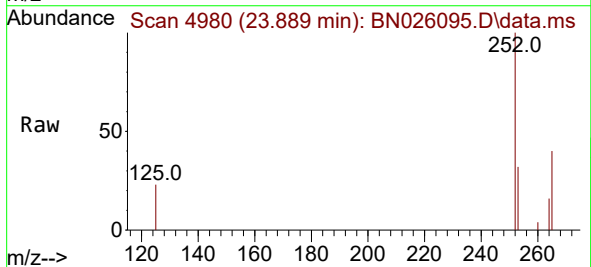
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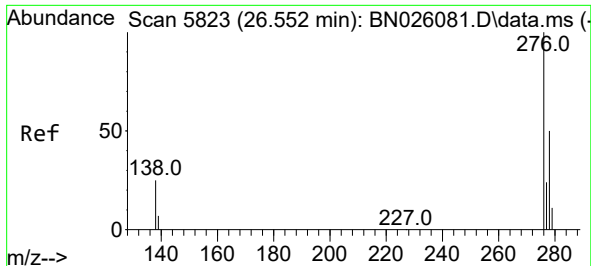
Tgt Ion:252 Resp: 61915
Ion Ratio Lower Upper
252 100
253 28.4 0.0 55.6
125 19.4 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. -0.017 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

Tgt Ion:252 Resp: 26750
Ion Ratio Lower Upper
252 100
253 32.2 26.0 39.0
125 23.4 17.3 25.9

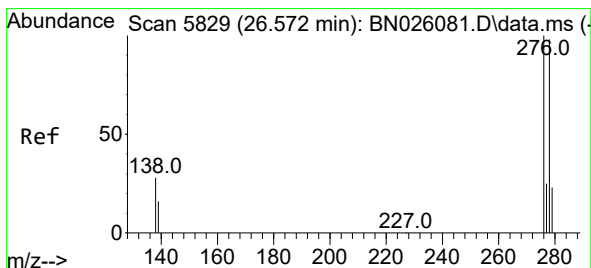
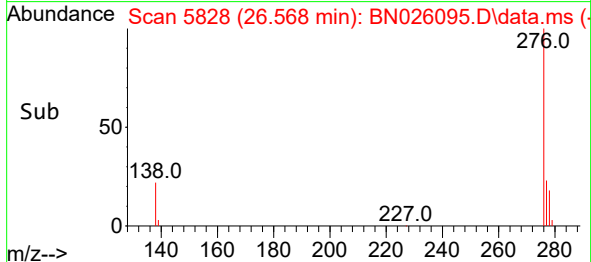
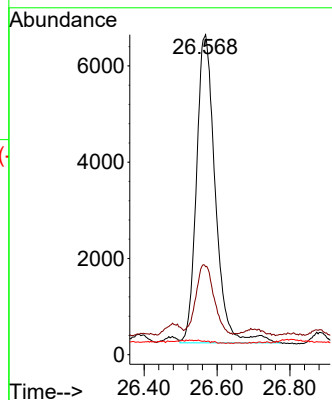
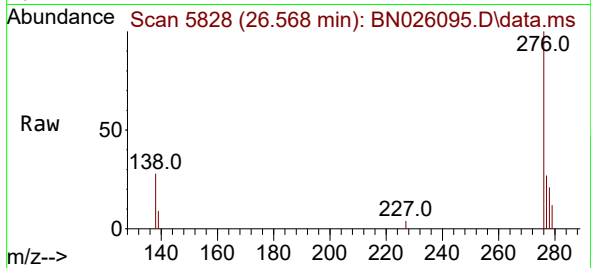




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.026 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

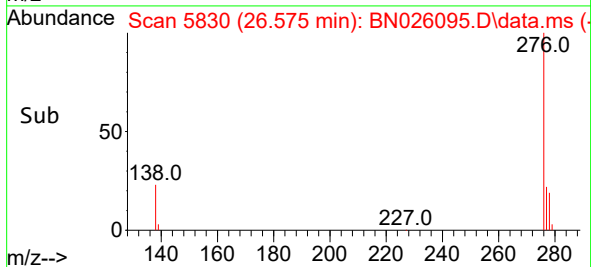
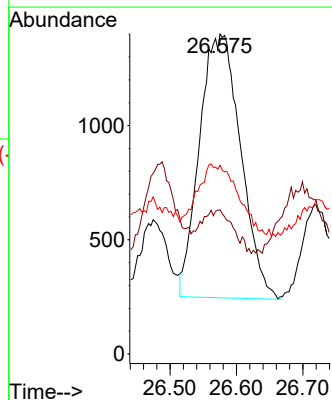
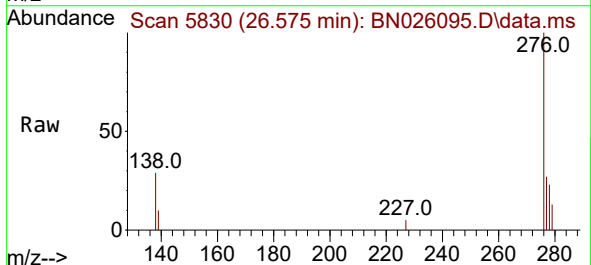
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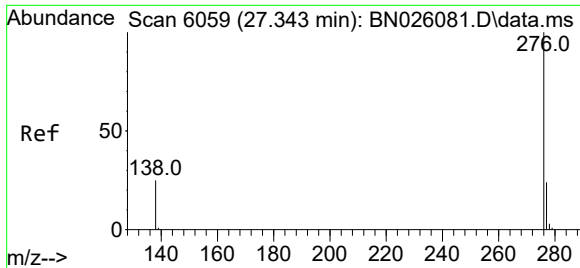
Tgt Ion:276 Resp: 22925
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. -0.039 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

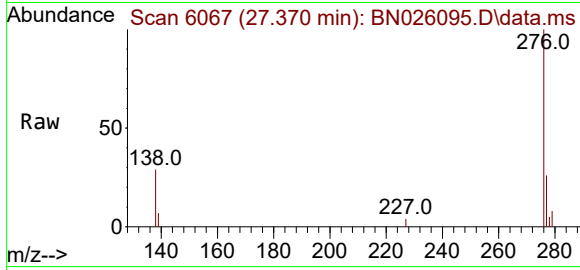
Tgt Ion:278 Resp: 4970
Ion Ratio Lower Upper
278 100
139 45.0 19.0 28.4#
279 59.0 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.381 ng/ul
 RT: 27.370 min Scan# 6067
 Delta R.T. -0.016 min
 Lab File: BN026095.D
 Acq: 29 Jun 2023 15:26

Instrument :
 BNA_N
 ClientSampleId :
 DCFS6DL



Tgt Ion:	276	Resp:	22370
Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.4	35.0
277	26.2	20.0	30.0

