

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025949.D
 Acq On : 22 Jun 2023 22:12
 Operator : MA/JU
 Sample : 03083-08DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK6DL

Quant Time: Jun 23 01:05:16 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

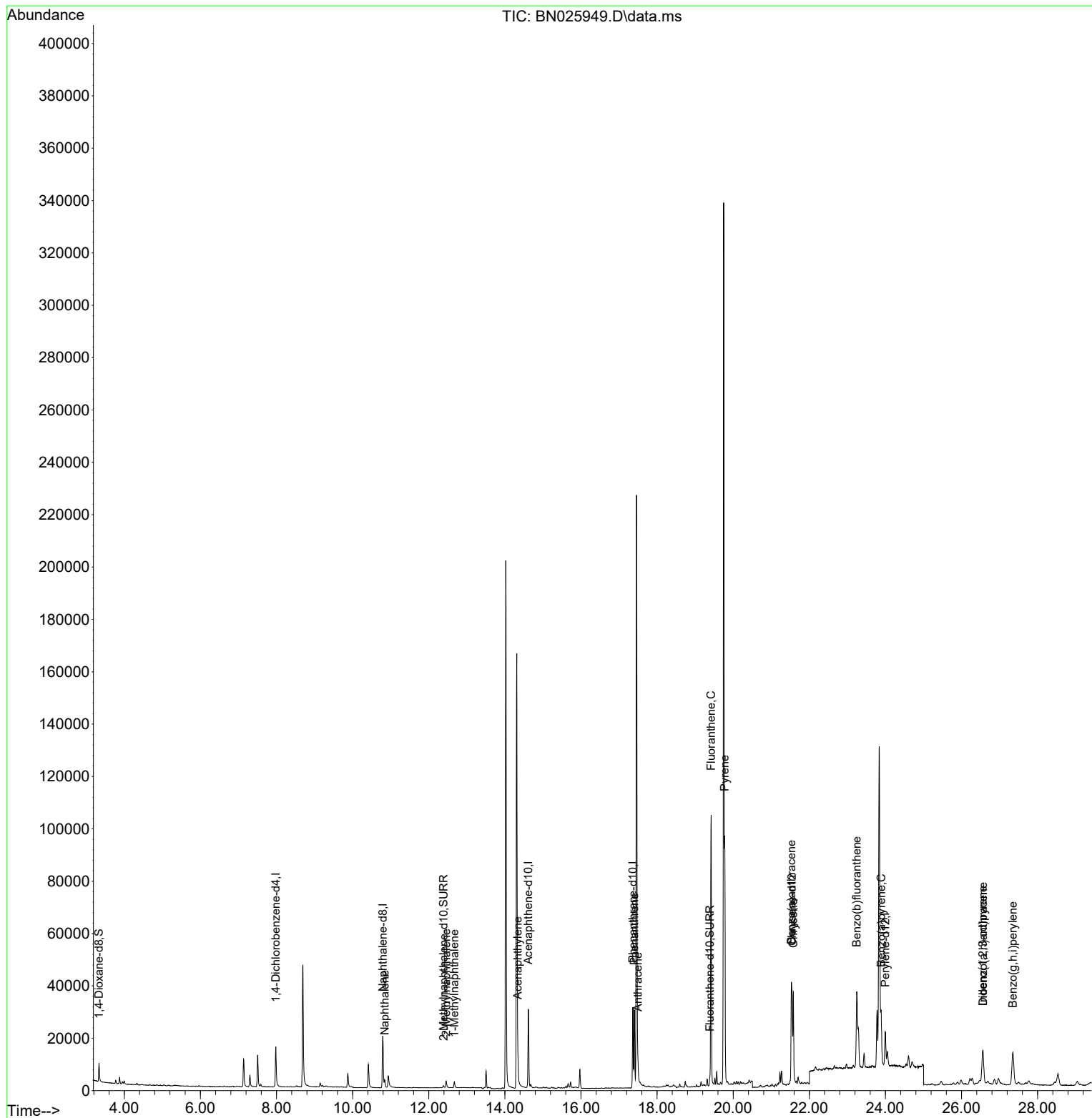
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	9402	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	29548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	17512	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	37661	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	23110	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	19234	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4901	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	1435	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3587	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	4128	0.049	ng/ul#	95
7) 2-Methylnaphthalene	12.458	142	2379	0.044	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	1894	0.034	ng/ul	100
10) Acenaphthylene	14.339	152	10988	0.134	ng/ul	98
15) Phenanthrene	17.402	178	33237	0.267	ng/ul	100
16) Anthracene	17.495	178	5841	0.053	ng/ul#	91
19) Fluoranthene	19.419	202	92700	0.751	ng/ul	98
20) Pyrene	19.777	202	76197	0.593	ng/ul	99
21) Benzo(a)anthracene	21.526	228	31353	0.329	ng/ul	94
22) Chrysene	21.581	228	39567	0.399	ng/ul	96
24) Benzo(b)fluoranthene	23.248	252	69617	0.848	ng/ul	99
26) Benzo(a)pyrene	23.888	252	28883	0.405	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.557	276	25585	0.329	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.564	278	6465	0.110	ng/ul#	70
29) Benzo(g,h,i)perylene	27.349	276	30745	0.444	ng/ul	98

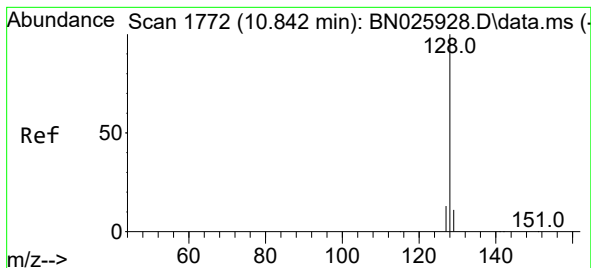
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.049 ng/ul

RT: 10.842 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BN025949.D

Acq: 22 Jun 2023 22:12

Instrument :

BNA_N

ClientSampleId :

DCF6DL

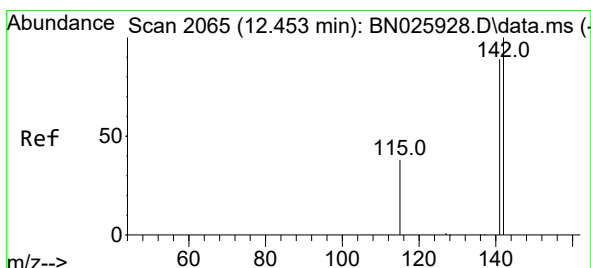
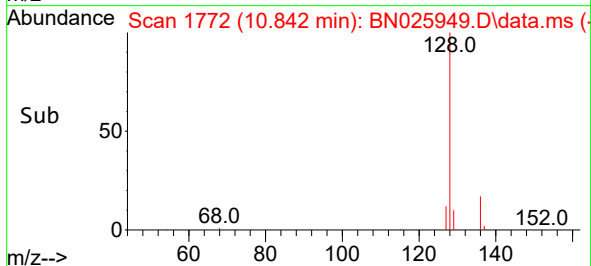
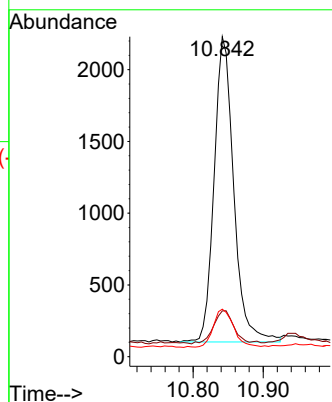
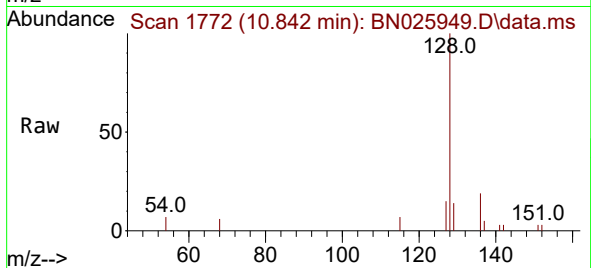
Tgt Ion:128 Resp: 4128

Ion Ratio Lower Upper

128 100

129 14.3 9.1 13.7#

127 14.8 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.458 min Scan# 2066

Delta R.T. 0.005 min

Lab File: BN025949.D

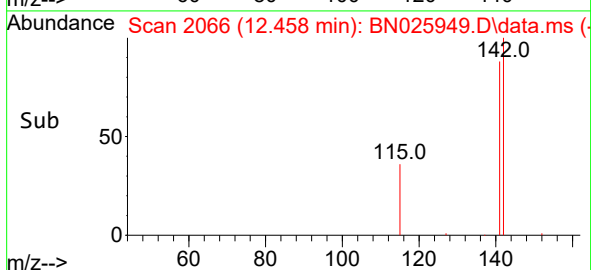
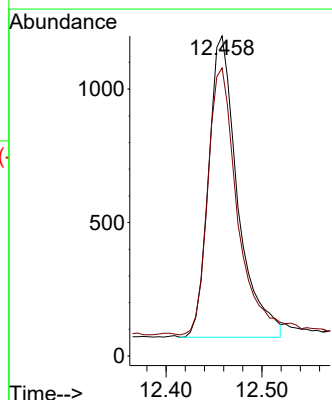
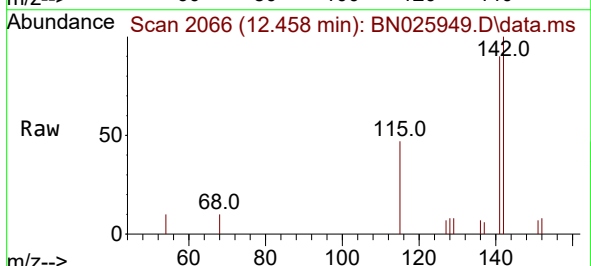
Acq: 22 Jun 2023 22:12

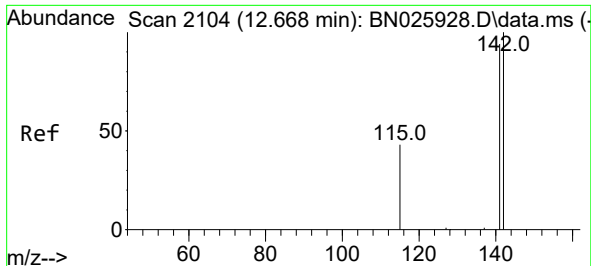
Tgt Ion:142 Resp: 2379

Ion Ratio Lower Upper

142 100

141 89.9 71.9 107.9

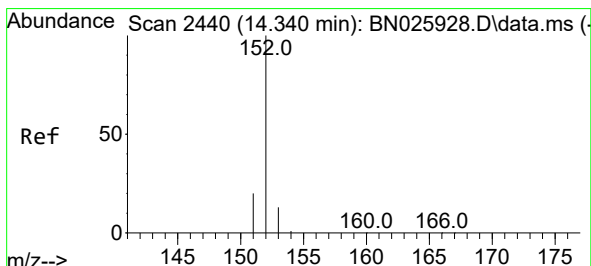
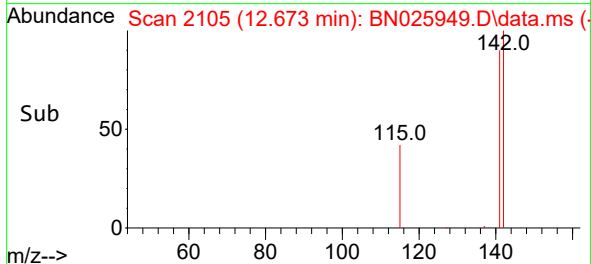
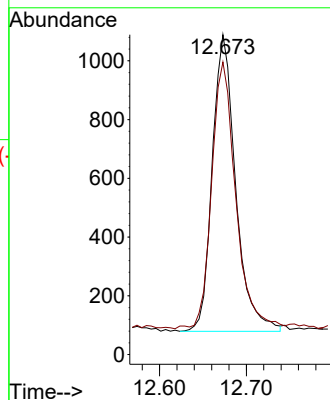
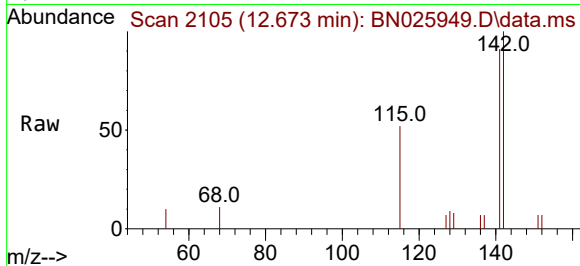




#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

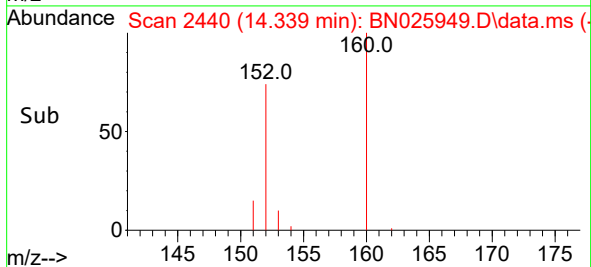
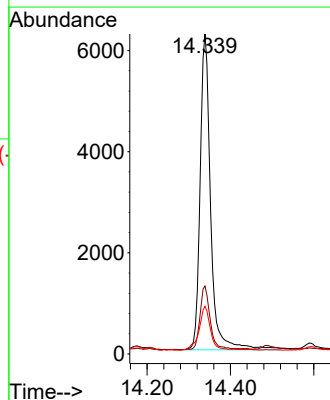
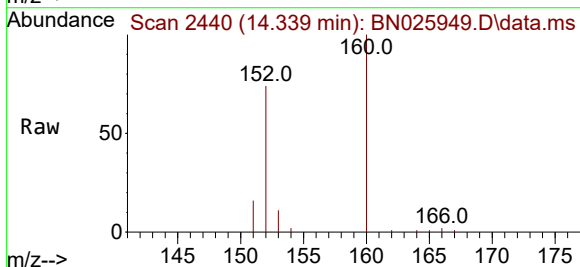
Instrument :
BNA_N
ClientSampleId :
DCF6DL

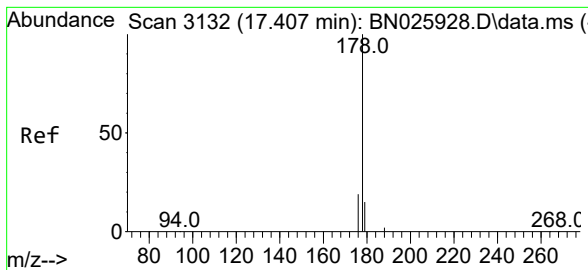
Tgt Ion:142 Resp: 1894
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4



#10
Acenaphthylene
Concen: 0.134 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

Tgt Ion:152 Resp: 10988
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.9 10.9 16.3





#15

Phenanthrene

Concen: 0.267 ng/ul

RT: 17.402 min Scan# 3132

Delta R.T. -0.004 min

Lab File: BN025949.D

Acq: 22 Jun 2023 22:12

Instrument :

BNA_N

ClientSampleId :

DCFK6DL

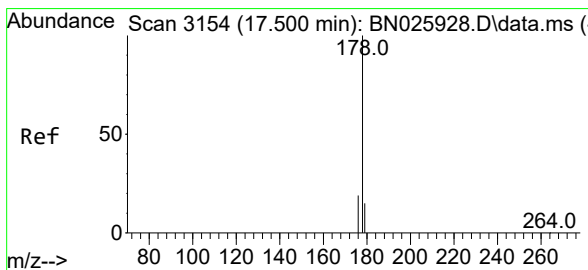
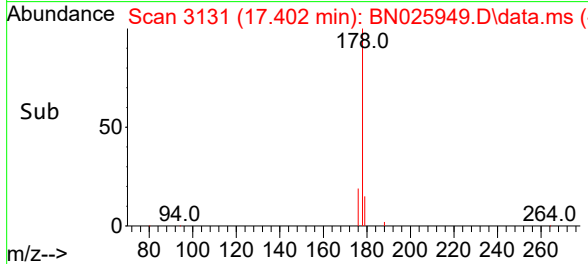
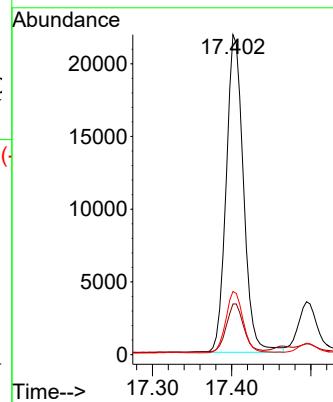
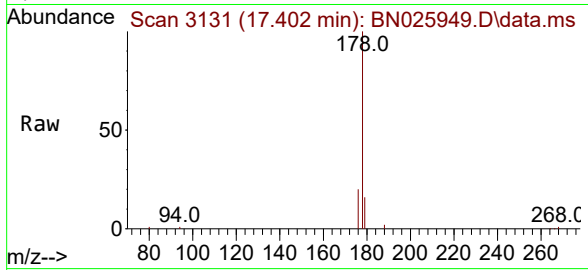
Tgt Ion:178 Resp: 33237

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.8 15.8 23.6



#16

Anthracene

Concen: 0.053 ng/ul

RT: 17.495 min Scan# 3153

Delta R.T. -0.004 min

Lab File: BN025949.D

Acq: 22 Jun 2023 22:12

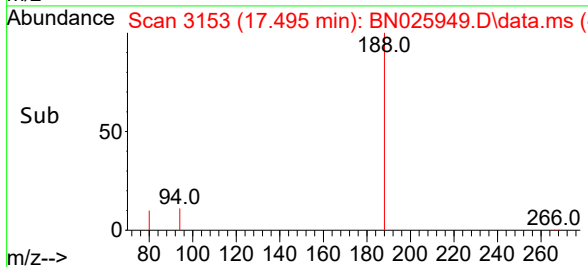
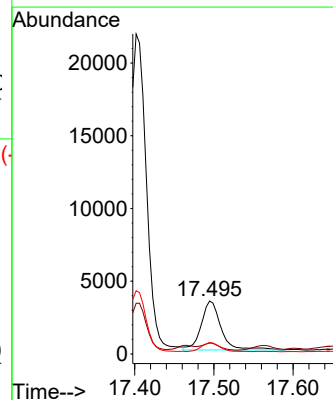
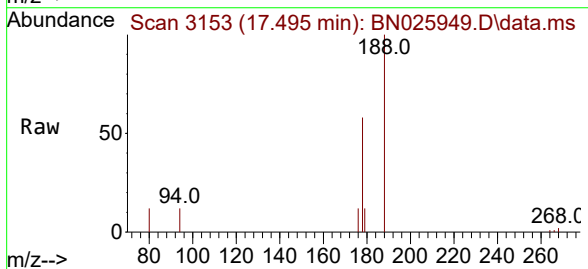
Tgt Ion:178 Resp: 5841

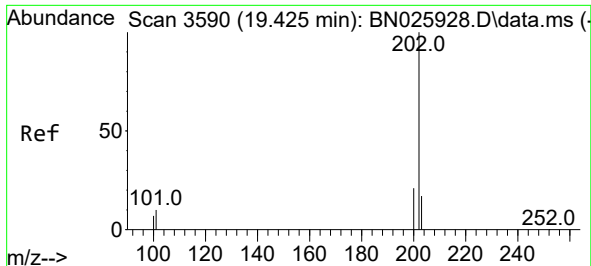
Ion Ratio Lower Upper

178 100

179 20.5 12.6 18.8#

176 21.7 15.1 22.7

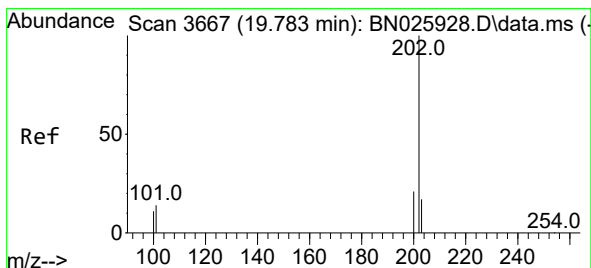
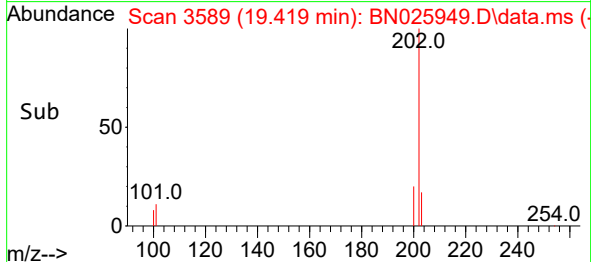
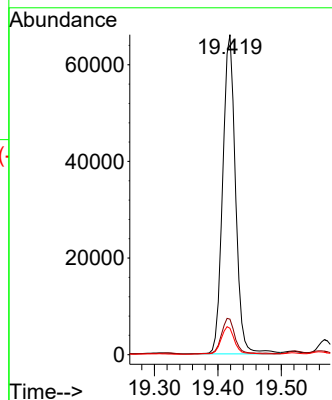
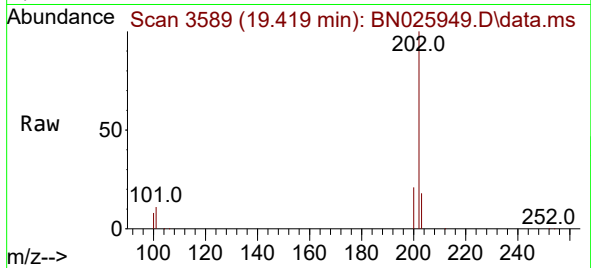




#19
Fluoranthene
Concen: 0.751 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

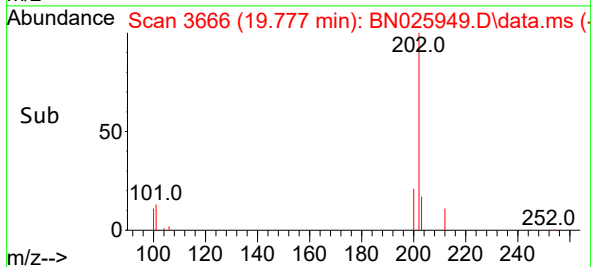
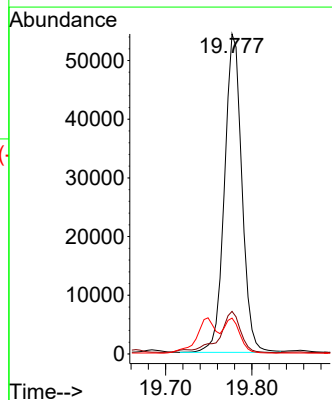
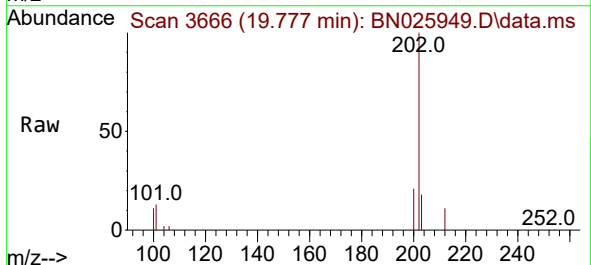
Instrument :
BNA_N
ClientSampleId :
DCFK6DL

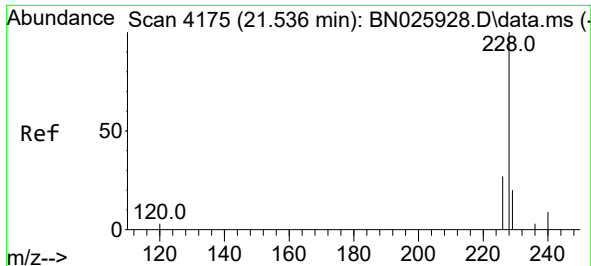
Tgt Ion:202 Resp: 92700
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 0.593 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

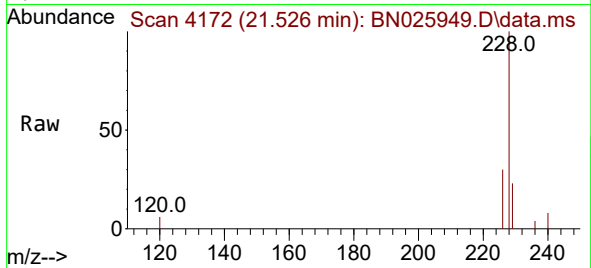
Tgt Ion:202 Resp: 76197
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.2 9.1 13.7



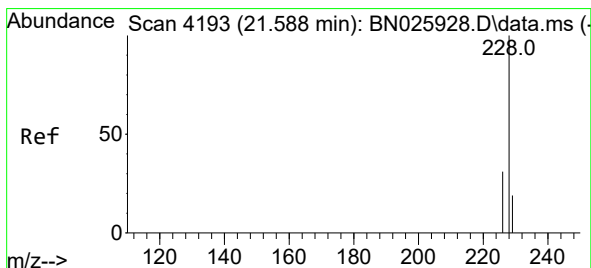
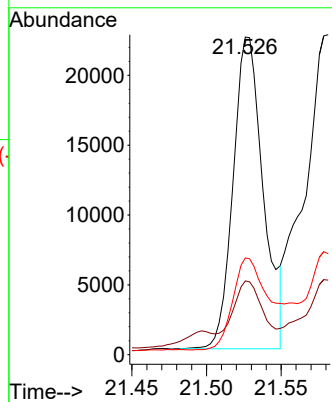
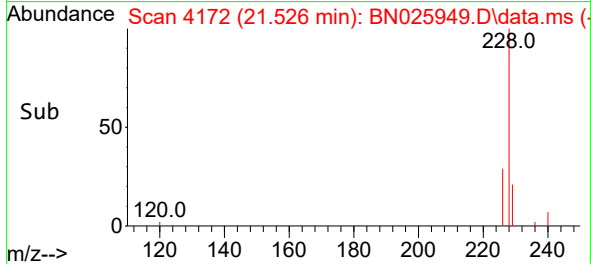


#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.526 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

Instrument :
BNA_N
ClientSampleId :
DCFK6DL

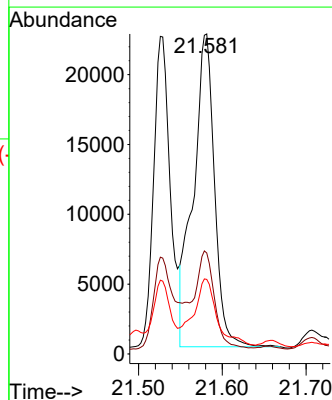
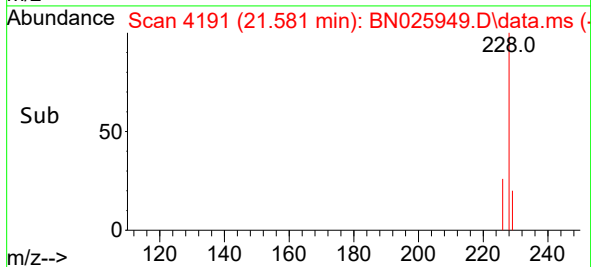
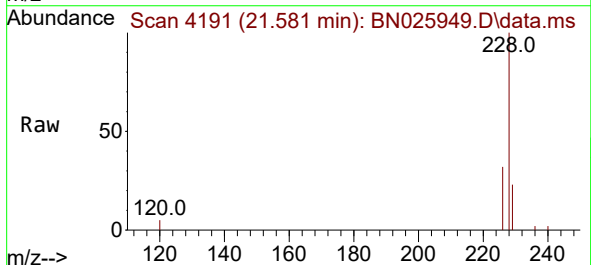


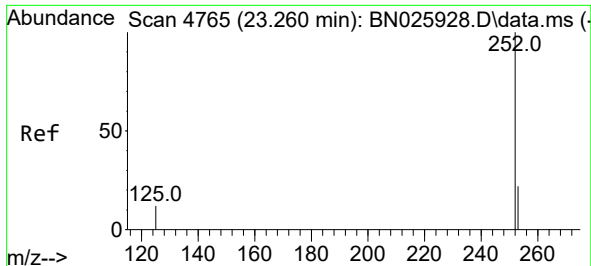
Tgt Ion:228 Resp: 31353
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 30.5 22.5 33.7



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

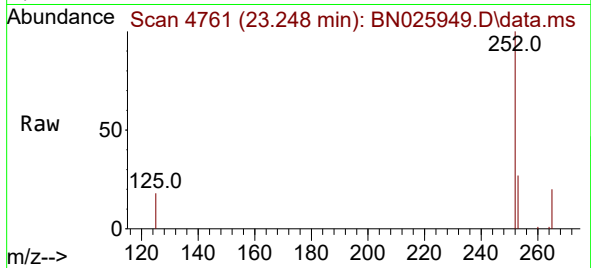
Tgt Ion:228 Resp: 39567
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 23.3 15.7 23.5



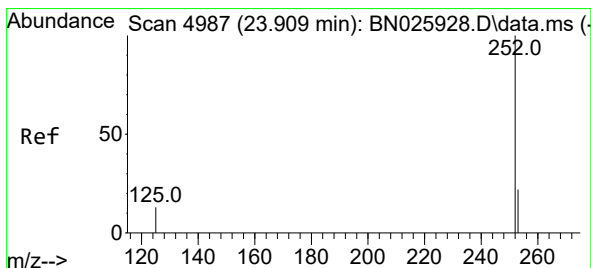
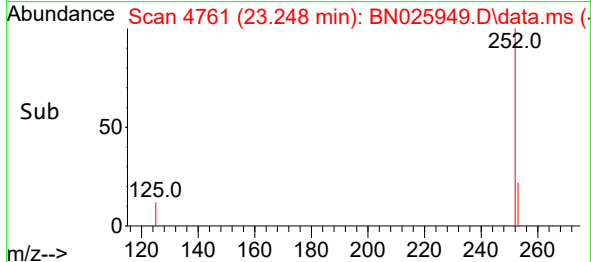
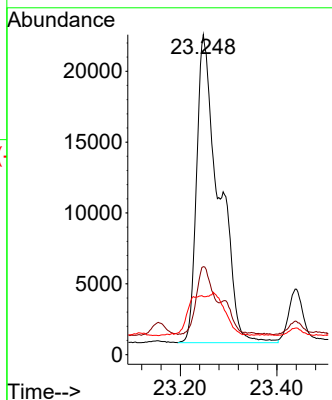


#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul
RT: 23.248 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

Instrument :
BNA_N
ClientSampleId :
DCF6DL

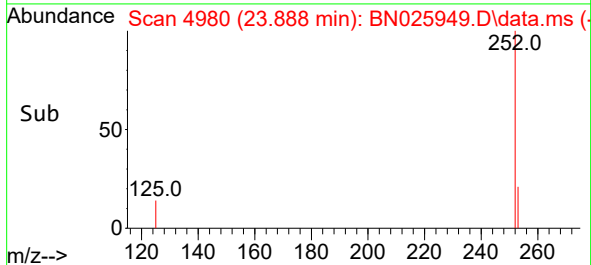
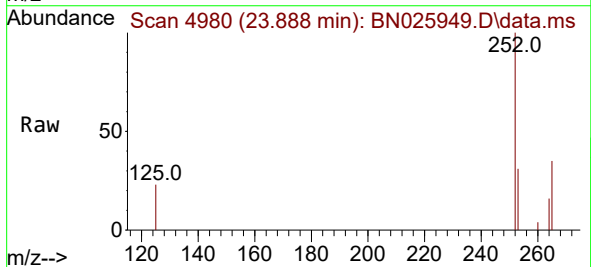
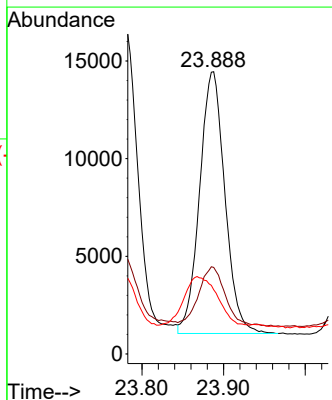


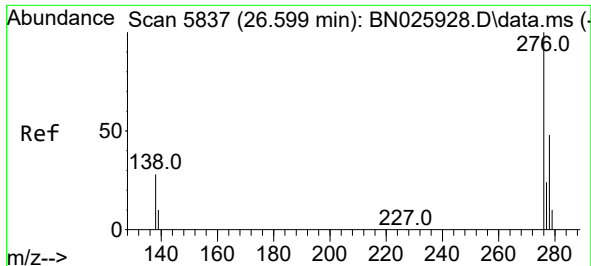
Tgt Ion:252 Resp: 69617
Ion Ratio Lower Upper
252 100
253 27.5 0.0 55.6
125 18.1 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.021 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

Tgt Ion:252 Resp: 28883
Ion Ratio Lower Upper
252 100
253 30.7 26.0 39.0
125 22.8 17.3 25.9

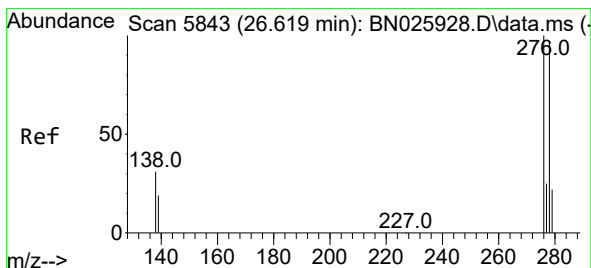
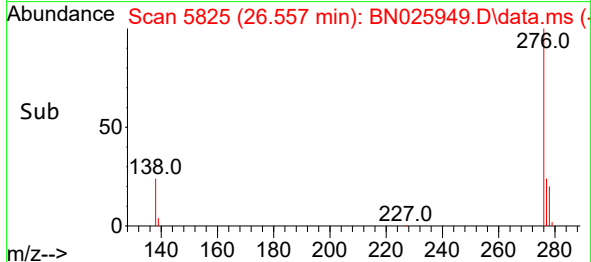
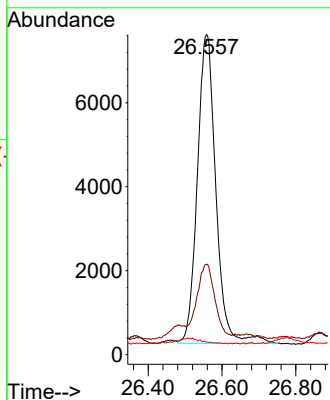
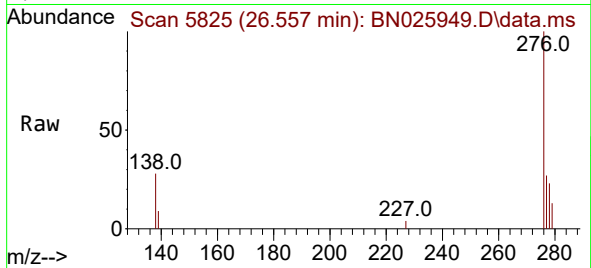




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.329 ng/ul
 RT: 26.557 min Scan# 5825
 Delta R.T. -0.037 min
 Lab File: BN025949.D
 Acq: 22 Jun 2023 22:12

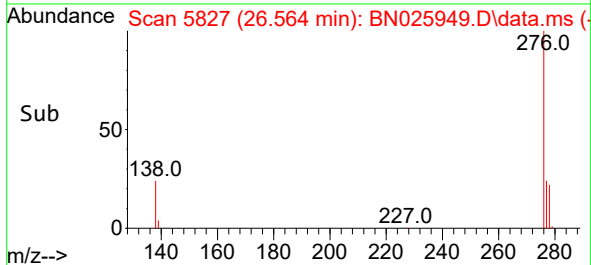
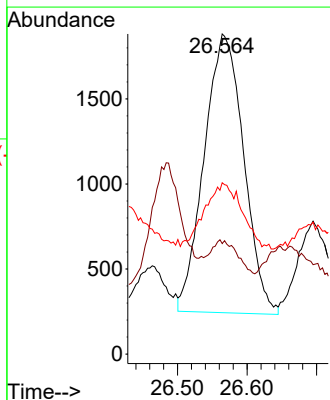
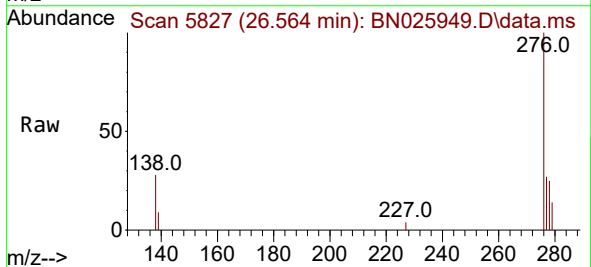
Instrument :
 BNA_N
 ClientSampleId :
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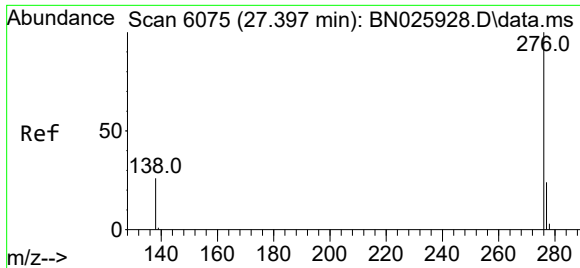
Tgt Ion:276 Resp: 25585
 Ion Ratio Lower Upper
 276 100
 138 22.3 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 26.564 min Scan# 5827
 Delta R.T. -0.057 min
 Lab File: BN025949.D
 Acq: 22 Jun 2023 22:12

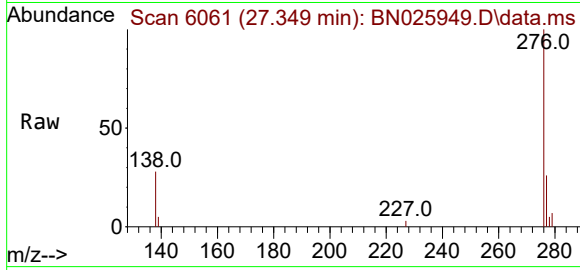
Tgt Ion:278 Resp: 6465
 Ion Ratio Lower Upper
 278 100
 139 34.5 19.0 28.4#
 279 53.5 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.349 min Scan# 6061
Delta R.T. -0.037 min
Lab File: BN025949.D
Acq: 22 Jun 2023 22:12

Instrument :
BNA_N
ClientSampleId :
DCFK6DL



Tgt Ion:276 Resp: 30745
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 25.8 20.0 30.0

