

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033005.D
 Acq On : 26 Jul 2024 20:03
 Operator : MA/JU
 Sample : P3264-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CM5

Quant Time: Jul 26 23:33:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

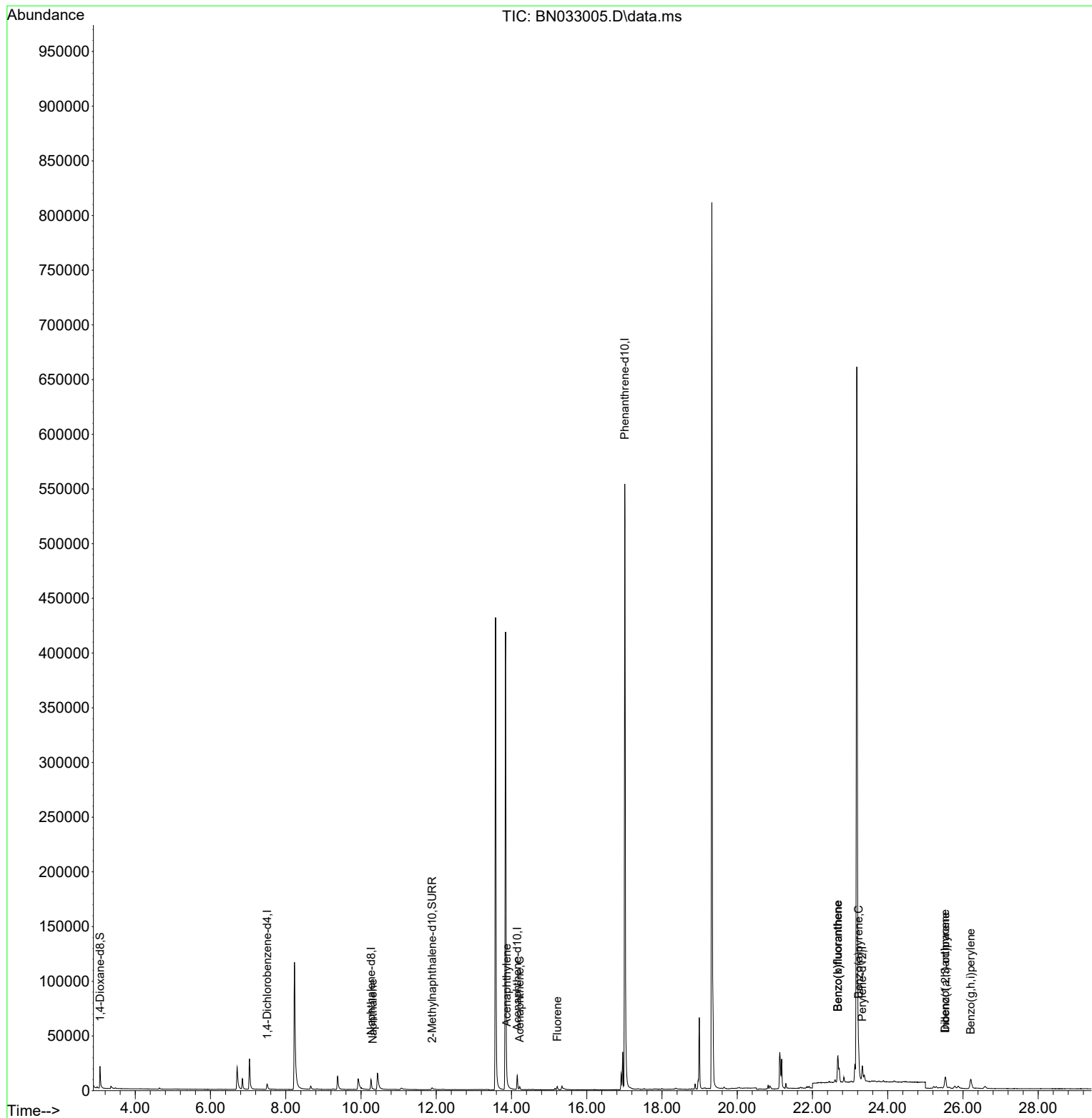
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3780	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.267	136	13241	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.152	164	7905	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.013	188	688300	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.16
23) Perylene-d12	23.325	264	23559	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	14114	2.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	3684	0.171	ng/ul	-0.02
18) Fluoranthene-d10	18.963	212	9571	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.317	128	996	0.029	ng/ul#	77
10) Acenaphthylene	13.875	152	2479	0.077	ng/ul#	91
11) Acenaphthene	14.217	153	1811	0.074	ng/ul	98
12) Fluorene	15.216	166	2469	0.087	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	53807	0.782	ng/ul	93
25) Benzo(k)fluoranthene	22.676	252	53807	0.652	ng/ul	91
26) Benzo(a)pyrene	23.226	252	28560	0.441	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.534	276	18692	0.190	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.527	278	4495	0.058	ng/ul#	61
29) Benzo(g,h,i)perylene	26.208	276	18817	0.240	ng/ul	99

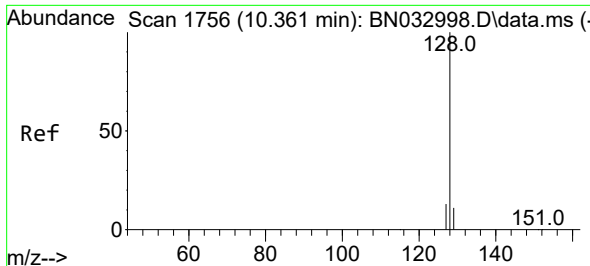
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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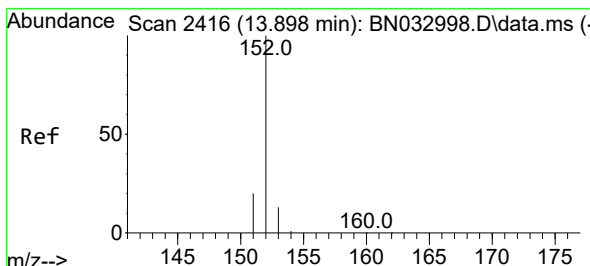
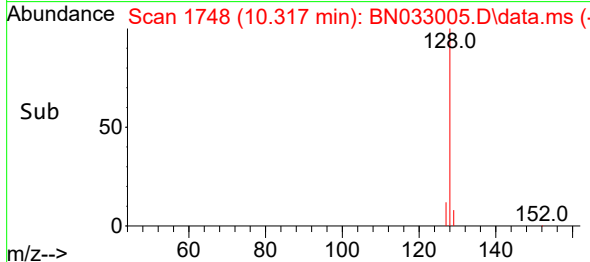
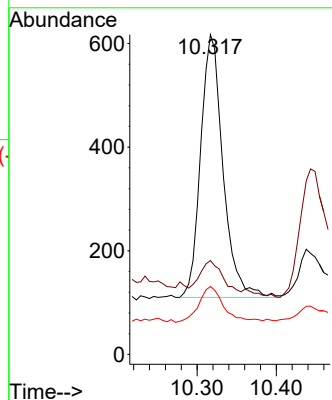
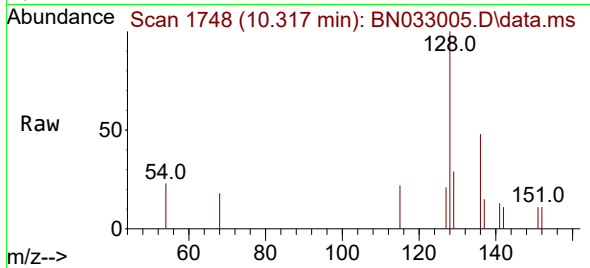




#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.033 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

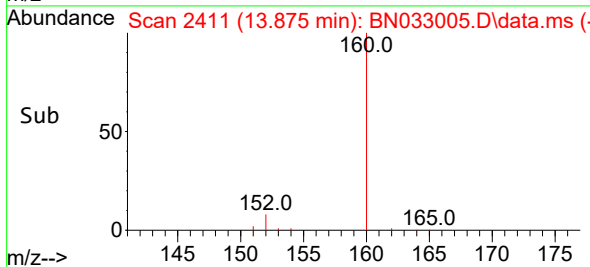
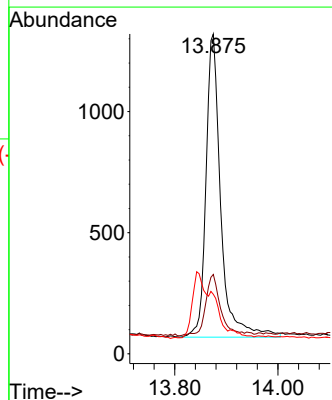
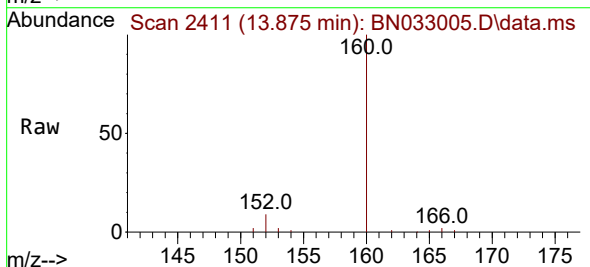
Instrument :
BNA_N
ClientSampleId :
A4CM5

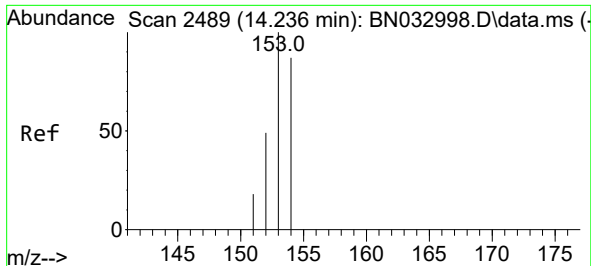
Tgt Ion:128 Resp: 996
Ion Ratio Lower Upper
128 100
129 29.3 12.0 18.0#
127 21.2 12.7 19.1#



#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

Tgt Ion:152 Resp: 2479
Ion Ratio Lower Upper
152 100
151 24.8 16.8 25.2
153 18.6 11.9 17.9#

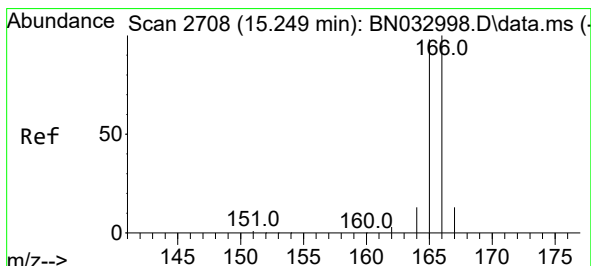
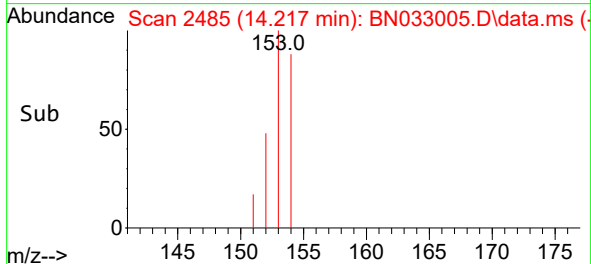
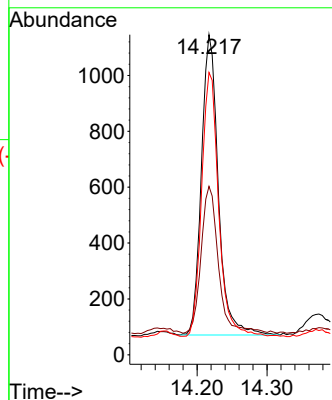
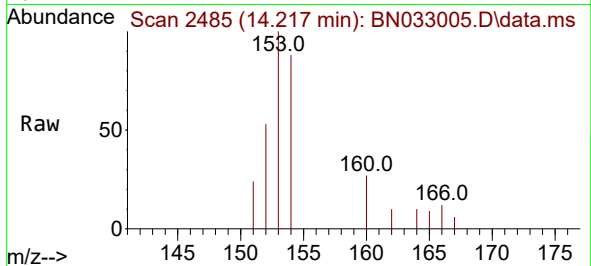




#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.019 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

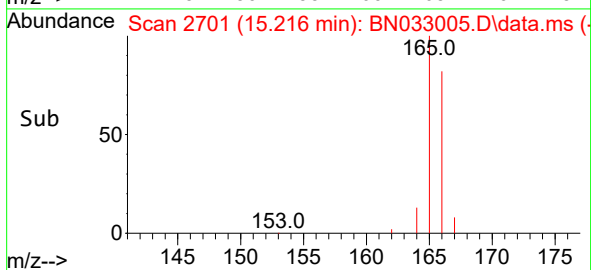
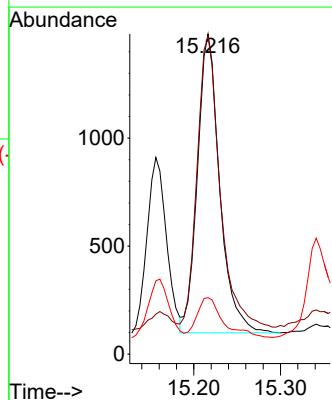
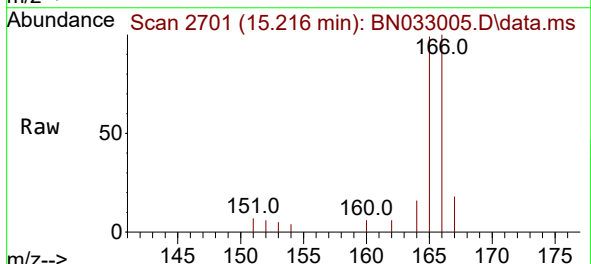
Instrument :
BNA_N
ClientSampleId :
A4CM5

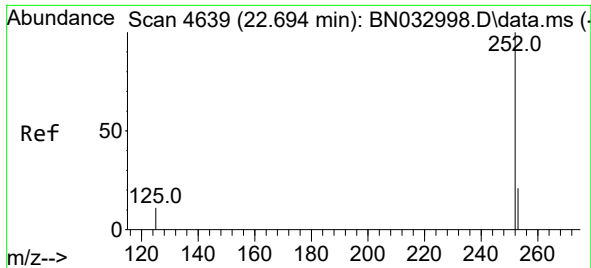
Tgt Ion:153 Resp: 1811
Ion Ratio Lower Upper
153 100
152 52.6 40.0 60.0
154 88.2 70.1 105.1



#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

Tgt Ion:166 Resp: 2469
Ion Ratio Lower Upper
166 100
165 99.2 79.6 119.4
167 17.6 12.2 18.4

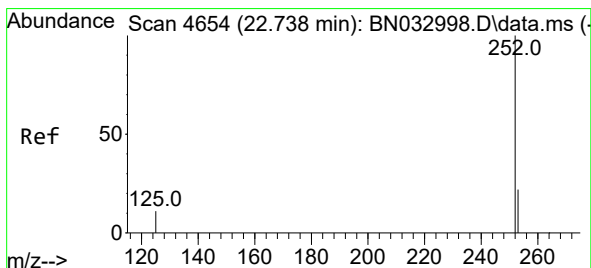
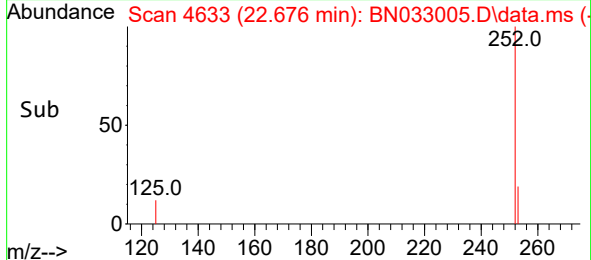
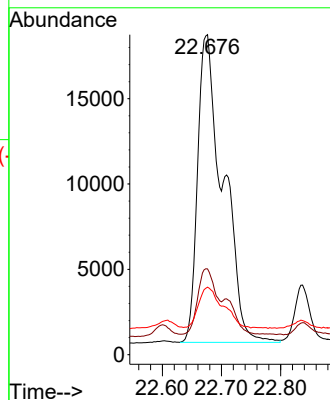
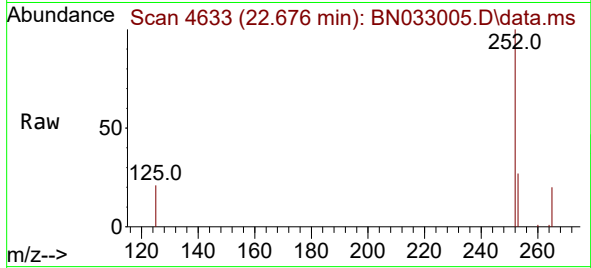




#24
Benzo(b)fluoranthene
Concen: 0.782 ng/ul
RT: 22.676 min Scan# 4633
Delta R.T. -0.018 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

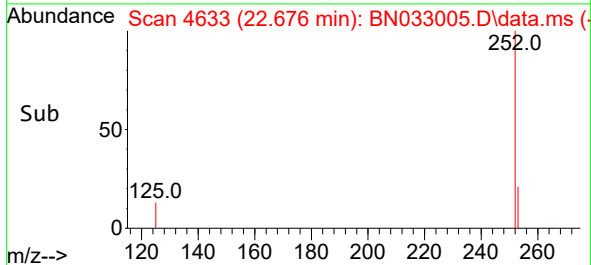
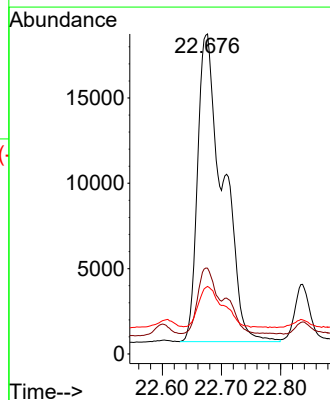
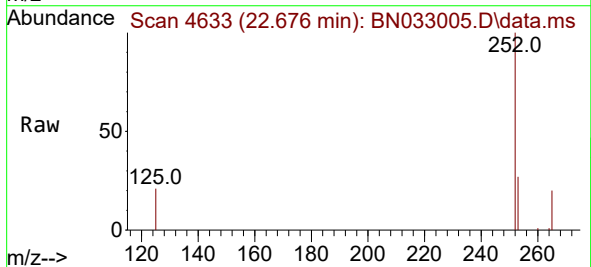
Instrument :
BNA_N
ClientSampleId :
A4CM5

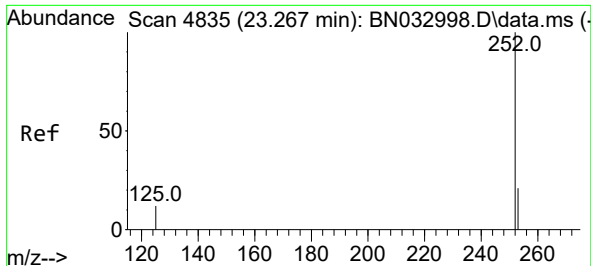
Tgt Ion:252 Resp: 53807
Ion Ratio Lower Upper
252 100
253 26.8 0.0 60.6
125 21.1 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.652 ng/ul
RT: 22.676 min Scan# 4633
Delta R.T. -0.058 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

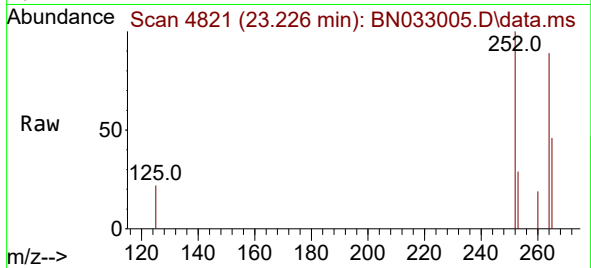
Tgt Ion:252 Resp: 53807
Ion Ratio Lower Upper
252 100
253 26.8 24.9 37.3
125 21.1 20.9 31.3



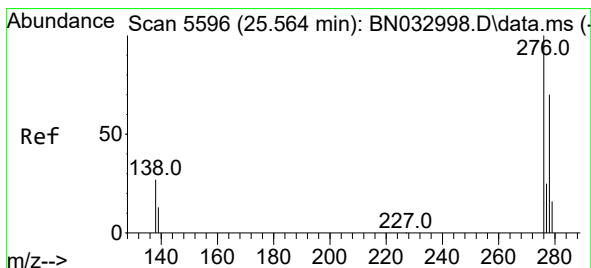
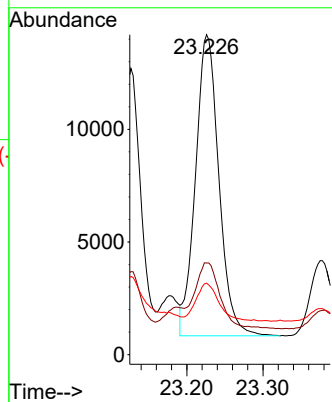
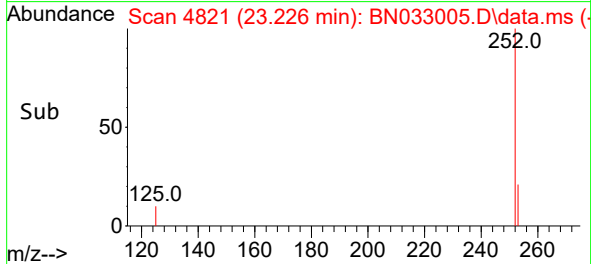


#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.035 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

Instrument :
BNA_N
ClientSampleId :
A4CM5

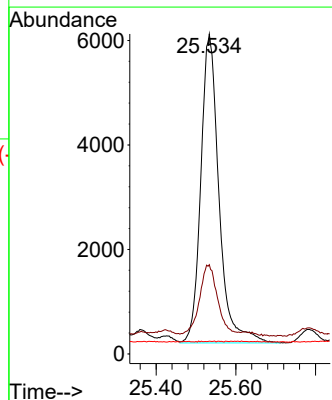
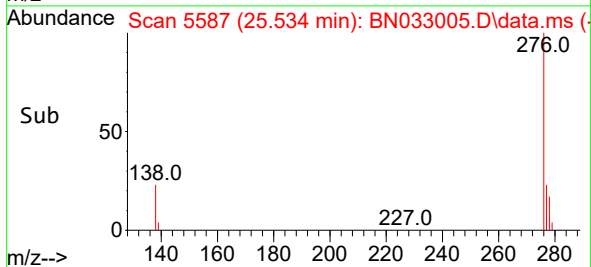
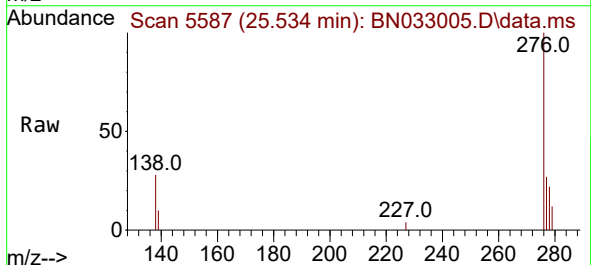


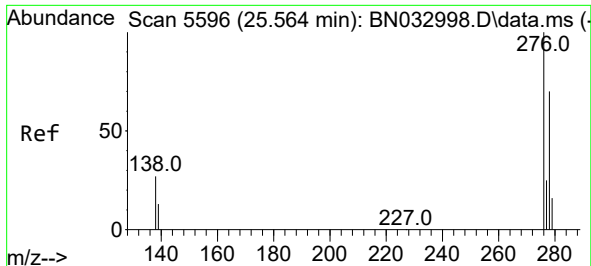
Tgt Ion:252 Resp: 28560
Ion Ratio Lower Upper
252 100
253 28.7 27.5 41.3
125 22.4 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng/ul
RT: 25.534 min Scan# 5587
Delta R.T. -0.027 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

Tgt Ion:276 Resp: 18692
Ion Ratio Lower Upper
276 100
138 23.7 21.8 32.8
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.058 ng/ul

RT: 25.527 min Scan# 51

Delta R.T. -0.034 min

Lab File: BN033005.D

Acq: 26 Jul 2024 20:03

Instrument :

BNA_N

ClientSampleId :

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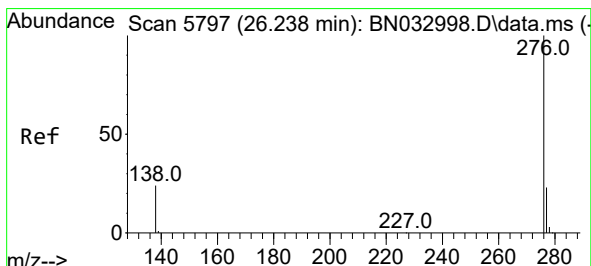
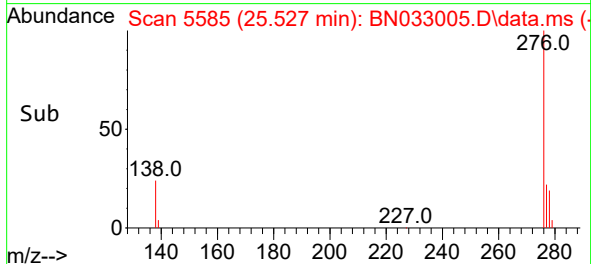
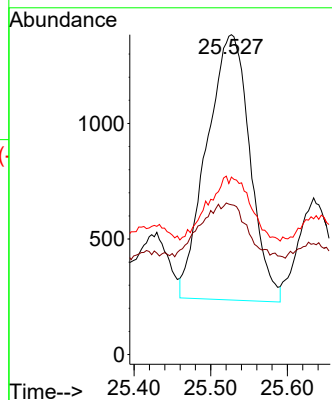
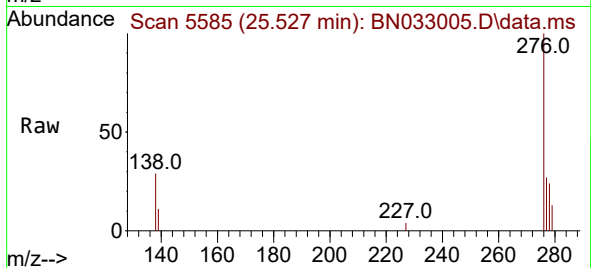
Tgt Ion:278 Resp: 4495

Ion Ratio Lower Upper

278 100

139 46.8 22.5 33.7#

279 55.5 25.5 38.3#



#29

Benzo(g,h,i)perylene

Concen: 0.240 ng/ul

RT: 26.208 min Scan# 5788

Delta R.T. -0.034 min

Lab File: BN033005.D

Acq: 26 Jul 2024 20:03

Tgt Ion:276 Resp: 18817

Ion Ratio Lower Upper

276 100

138 29.9 24.6 37.0

277 28.4 22.6 34.0

