

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032409.D
 Acq On : 02 Jul 2024 20:12
 Operator : MA/JU
 Sample : P2871-04DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C52DL

Quant Time: Jul 02 23:56:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

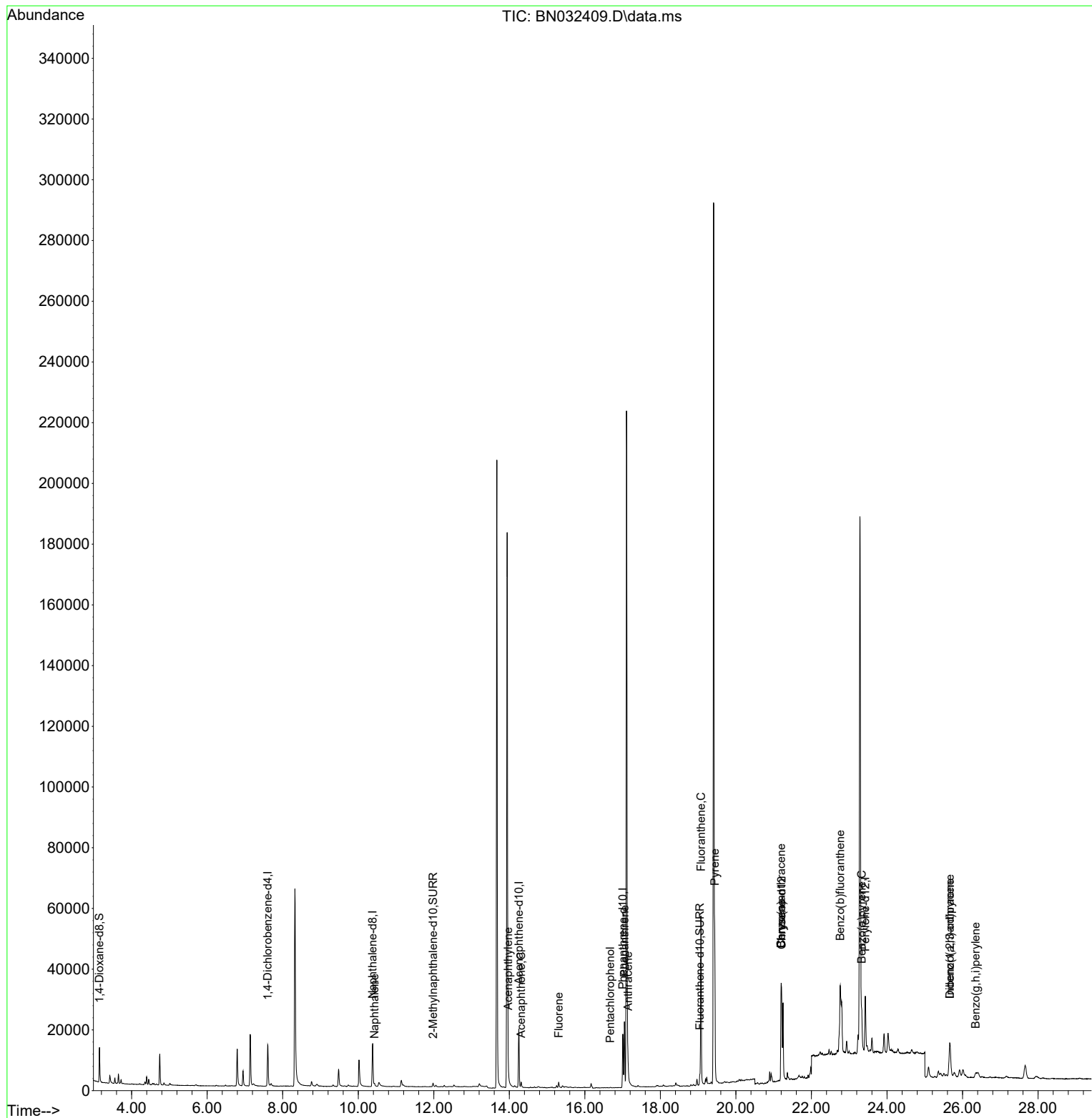
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7542	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	21049	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	11334	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	21892	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	20360	0.400	ng/ul	#-0.01
23) Perylene-d12	23.427	264	24619	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	7692	0.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	1946	0.062	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	3871	0.063	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	1137	0.020	ng/ul#	72
10) Acenaphthylene	13.971	152	3017	0.064	ng/ul#	89
11) Acenaphthene	14.313	153	1042	0.028	ng/ul	95
12) Fluorene	15.308	166	1269	0.029	ng/ul#	91
14) Pentachlorophenol	16.674	266	103	0.021	ng/ul#	86
15) Phenanthrene	17.050	178	23647	0.394	ng/ul	99
16) Anthracene	17.143	178	5701	0.106	ng/ul#	92
19) Fluoranthene	19.073	202	49663	0.641	ng/ul	97
20) Pyrene	19.440	202	40727	0.503	ng/ul	100
21) Benzo(a)anthracene	21.194	228	26747	0.364	ng/ul	95
22) Chrysene	21.194	228	25942	0.322	ng/ul	97
24) Benzo(b)fluoranthene	22.763	252	49773	0.465	ng/ul	84
26) Benzo(a)pyrene	23.330	252	18467	0.248	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.663	276	17189	0.148	ng/ul	91
28) Dibenzo(a,h)anthracene	25.663	278	4886	0.056	ng/ul#	1
29) Benzo(g,h,i)perylene	26.350	276	3872	0.042	ng/ul#	22

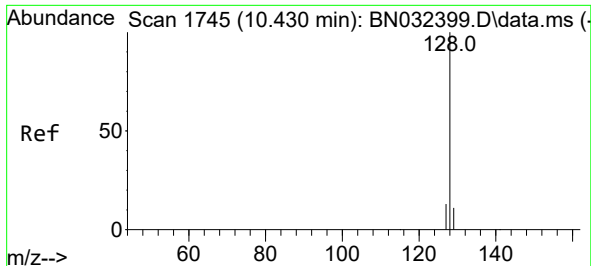
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032409.D
Acq On : 02 Jul 2024 20:12
Operator : MA/JU
Sample : P2871-04DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C52DL

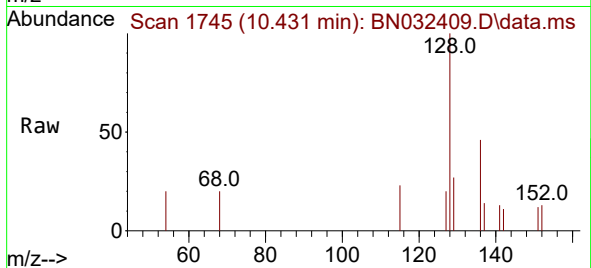
Quant Time: Jul 02 23:56:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



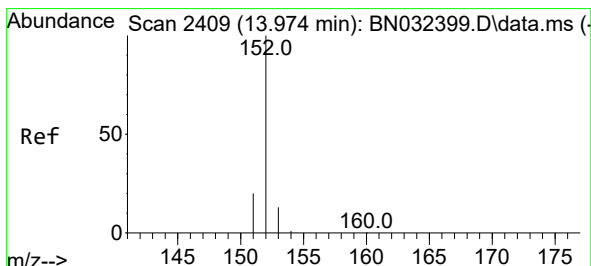
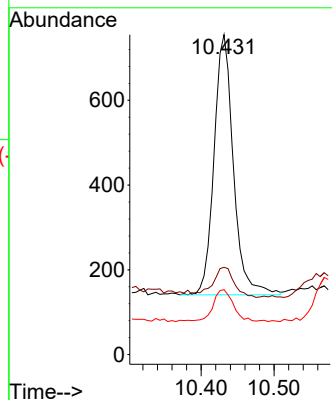
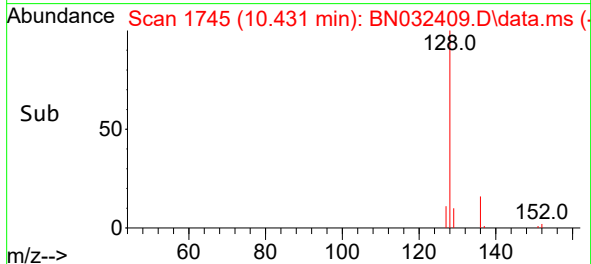


#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.431 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Instrument :
BNA_N
ClientSampleId :
A4C52DL

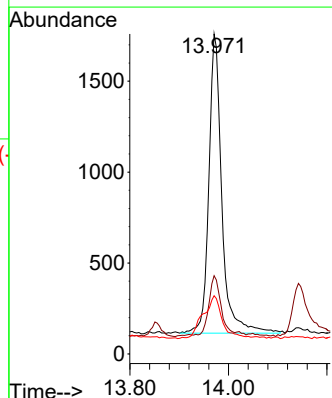
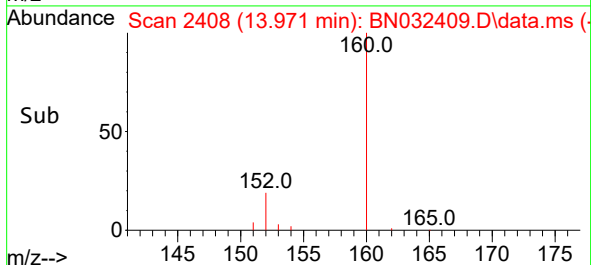
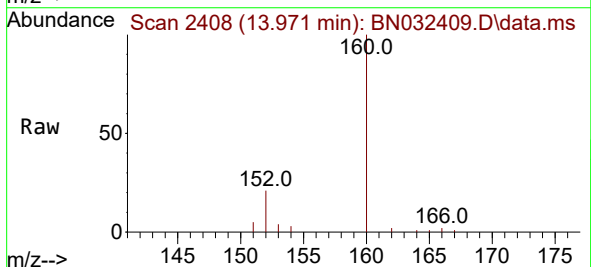


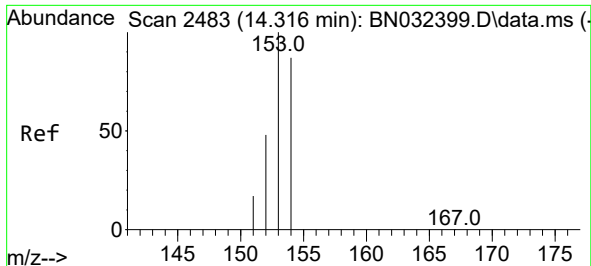
Tgt Ion:128 Resp: 1137
Ion Ratio Lower Upper
128 100
129 27.3 9.2 13.8#
127 20.3 10.8 16.2#



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Tgt Ion:152 Resp: 3017
Ion Ratio Lower Upper
152 100
151 24.4 15.7 23.5#
153 18.2 10.9 16.3#

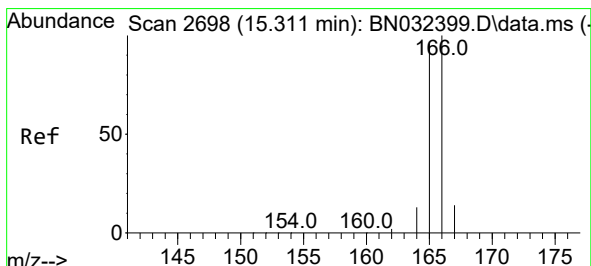
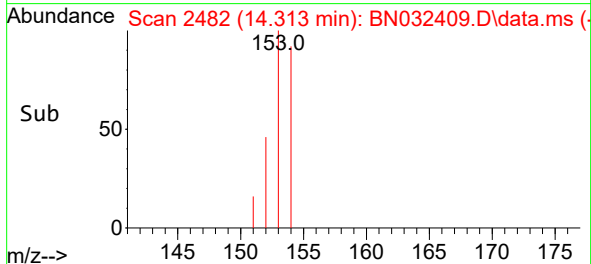
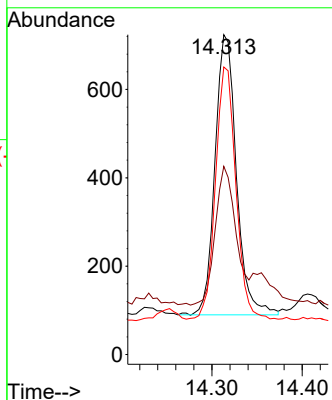
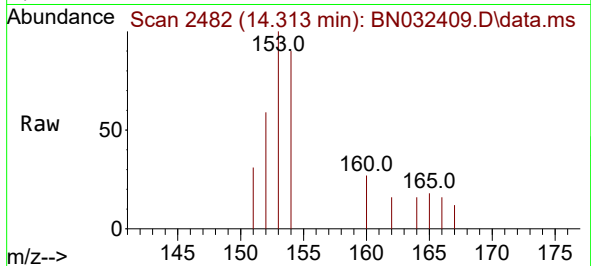




#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

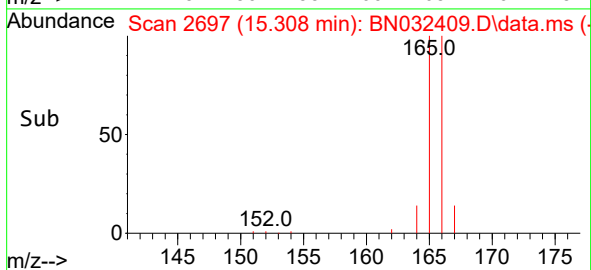
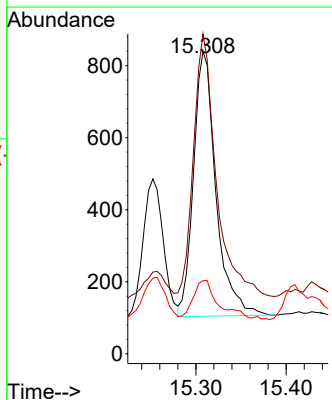
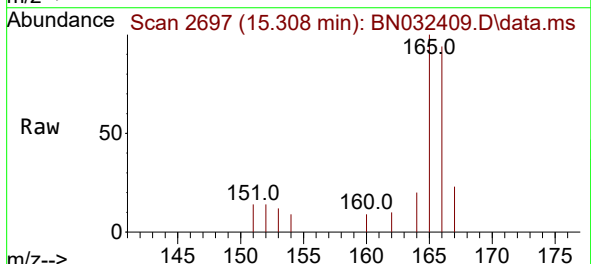
Instrument :
BNA_N
ClientSampleId :
A4C52DL

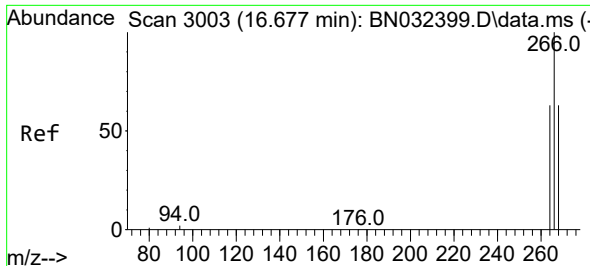
Tgt Ion:153 Resp: 1042
Ion Ratio Lower Upper
153 100
152 58.8 39.5 59.3
154 89.9 71.7 107.5



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Tgt Ion:166 Resp: 1269
Ion Ratio Lower Upper
166 100
165 105.8 79.0 118.6
167 24.2 11.0 16.6#

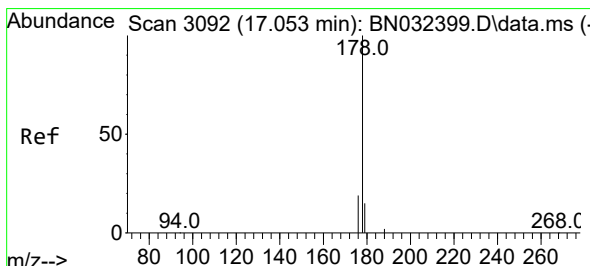
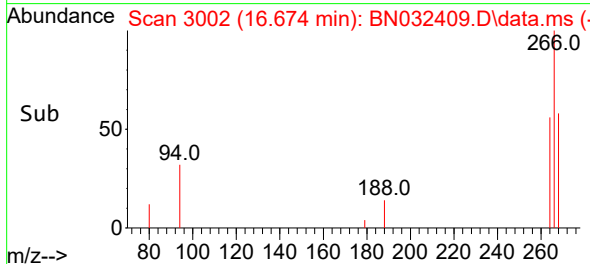
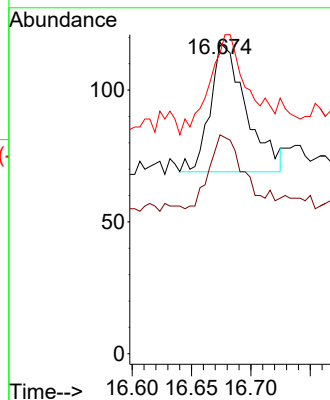
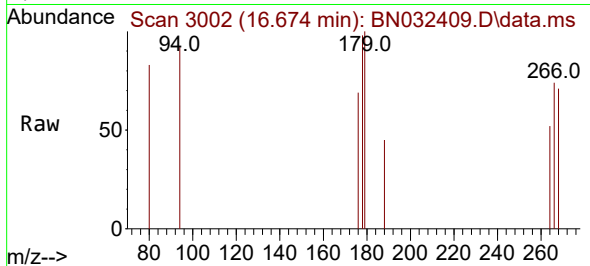




#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.674 min Scan# 3002
Delta R.T. -0.025 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

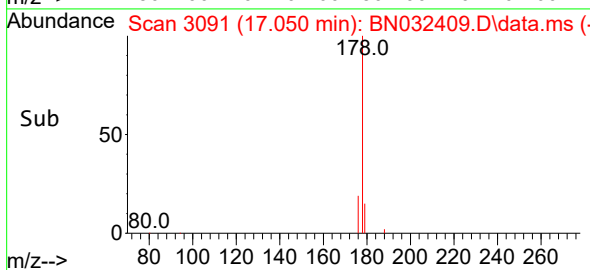
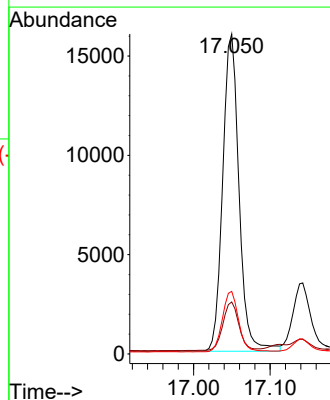
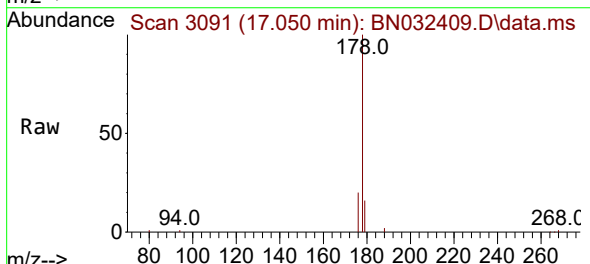
Instrument :
BNA_N
ClientSampleId :
A4C52DL

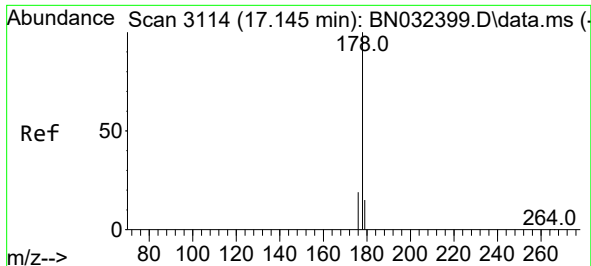
Tgt Ion:266 Resp: 103
Ion Ratio Lower Upper
266 100
264 66.0 49.9 74.9
268 83.5 52.4 78.6#



#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

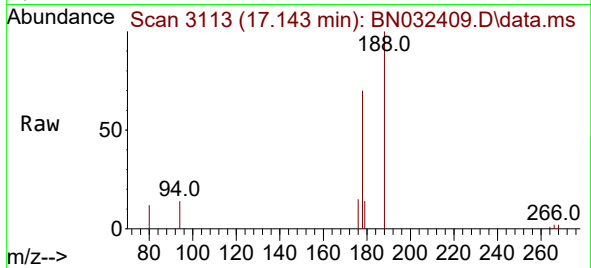
Tgt Ion:178 Resp: 23647
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.5 15.6 23.4



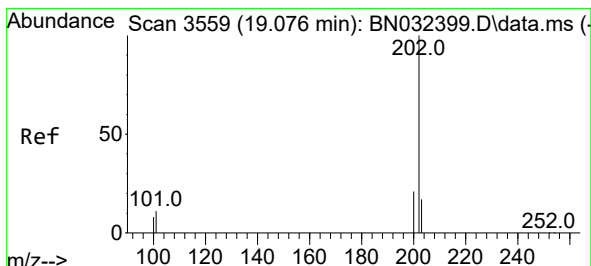
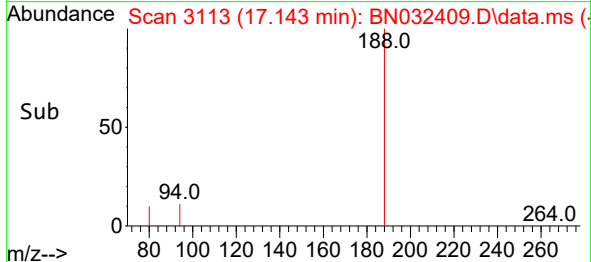
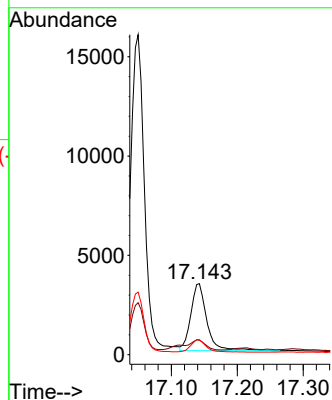


#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.143 min Scan# 3114
Delta R.T. -0.017 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Instrument :
BNA_N
ClientSampleId :
A4C52DL

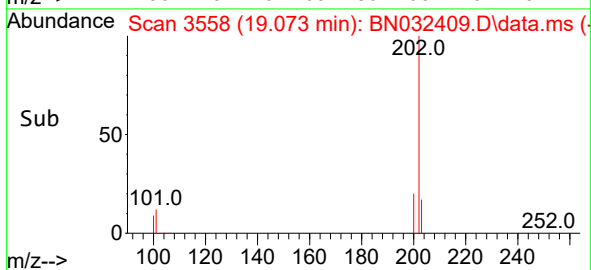
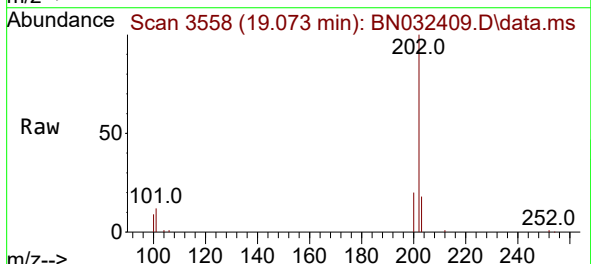
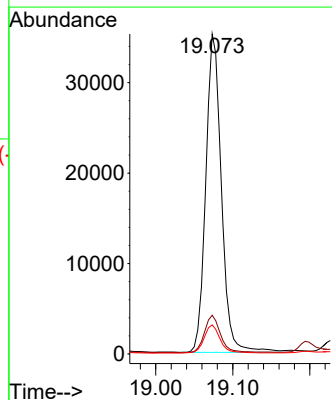


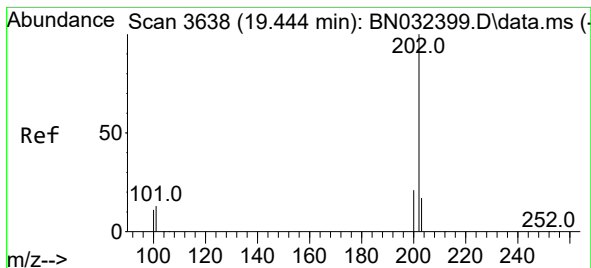
Tgt Ion:178 Resp: 5701
Ion Ratio Lower Upper
178 100
179 20.5 12.5 18.7#
176 21.1 15.0 22.6



#19
Fluoranthene
Concen: 0.641 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Tgt Ion:202 Resp: 49663
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 9.1 6.4 9.6





#20

Pyrene

Concen: 0.503 ng/ul

RT: 19.440 min Scan# 3638

Delta R.T. -0.014 min

Lab File: BN032409.D

Acq: 02 Jul 2024 20:12

Instrument :

BNA_N

ClientSampleId :

A4C52DL

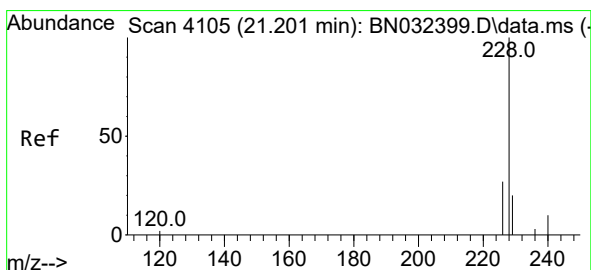
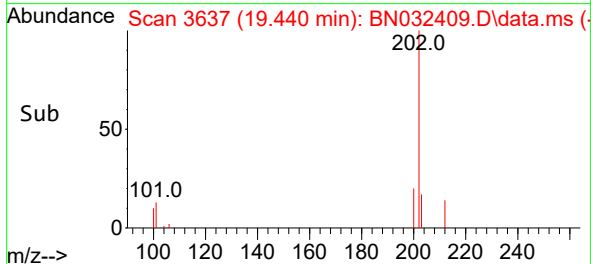
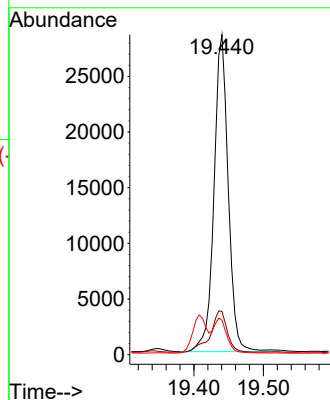
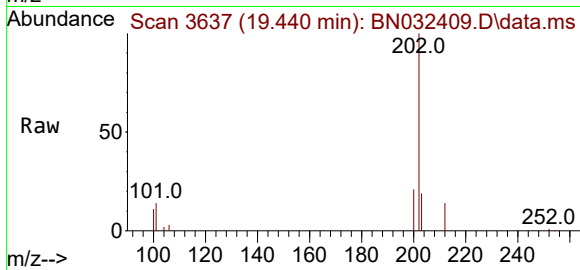
Tgt Ion:202 Resp: 40727

Ion Ratio Lower Upper

202 100

101 13.5 11.0 16.4

100 10.8 8.7 13.1



#21

Benzo(a)anthracene

Concen: 0.364 ng/ul

RT: 21.194 min Scan# 4102

Delta R.T. -0.021 min

Lab File: BN032409.D

Acq: 02 Jul 2024 20:12

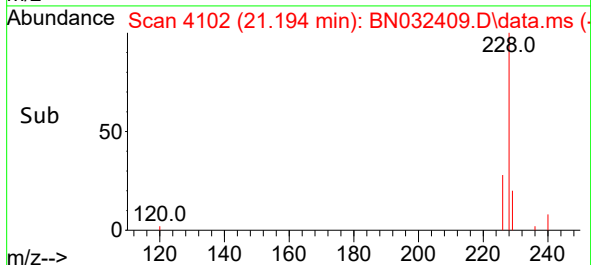
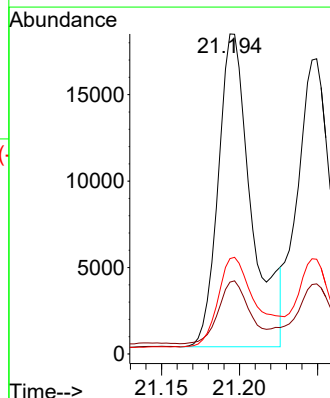
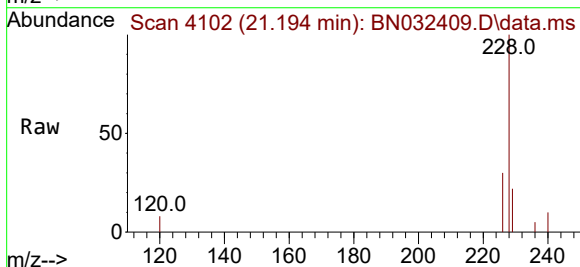
Tgt Ion:228 Resp: 26747

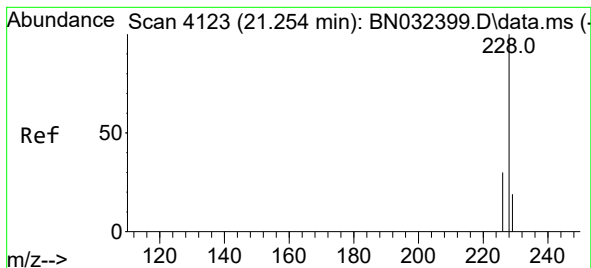
Ion Ratio Lower Upper

228 100

229 22.4 15.7 23.5

226 29.8 21.8 32.8





#22

Chrysene

Concen: 0.322 ng/ul

RT: 21.194 min Scan# 4123

Delta R.T. -0.073 min

Lab File: BN032409.D

Acq: 02 Jul 2024 20:12

Instrument :

BNA_N

ClientSampleId :

A4C52DL

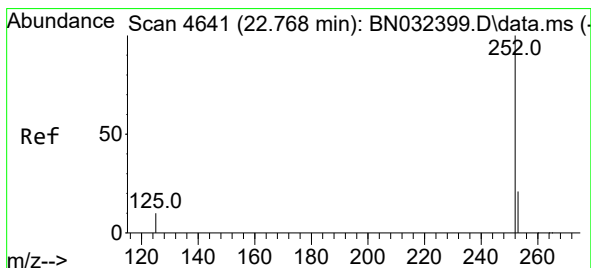
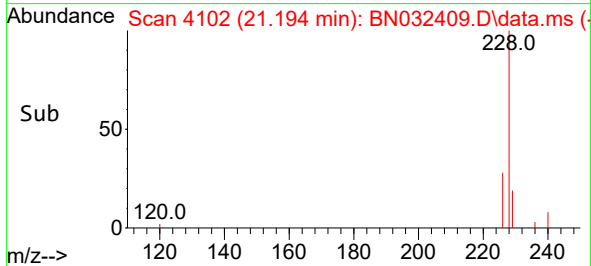
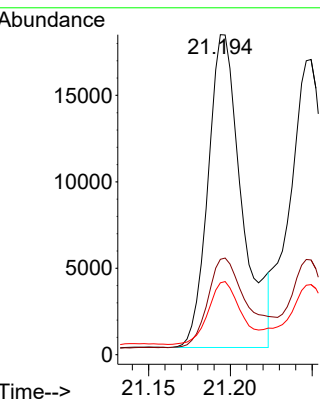
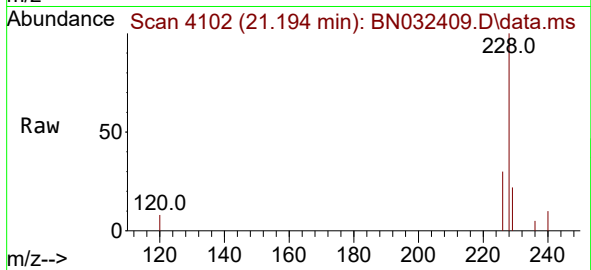
Tgt Ion:228 Resp: 25942

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 22.4 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.465 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. -0.021 min

Lab File: BN032409.D

Acq: 02 Jul 2024 20:12

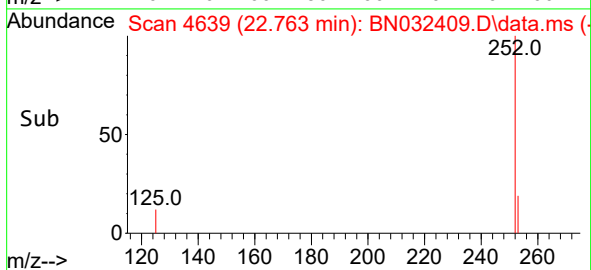
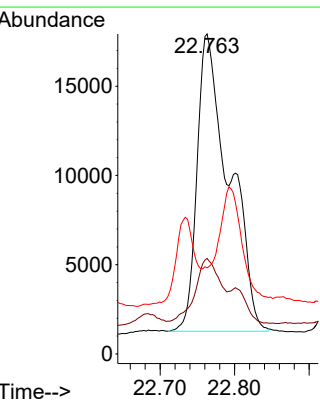
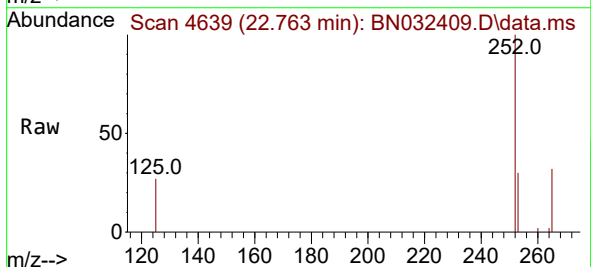
Tgt Ion:252 Resp: 49773

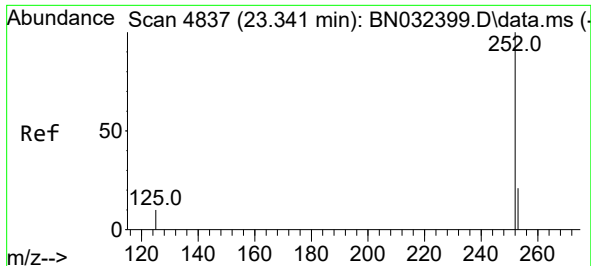
Ion Ratio Lower Upper

252 100

253 29.8 0.0 50.2

125 26.9 0.0 32.0

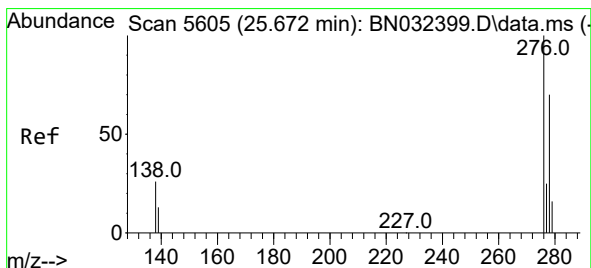
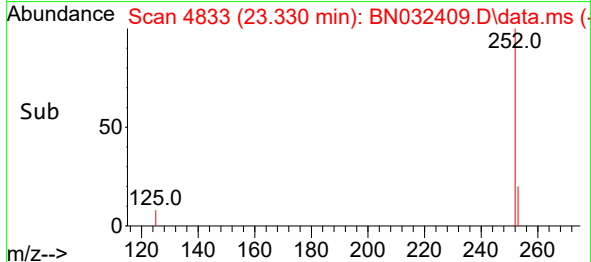
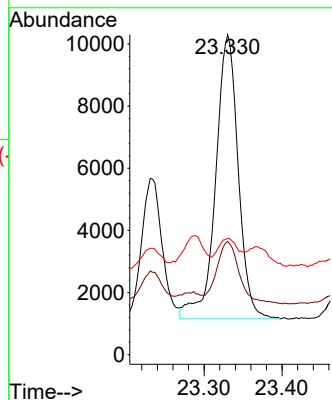
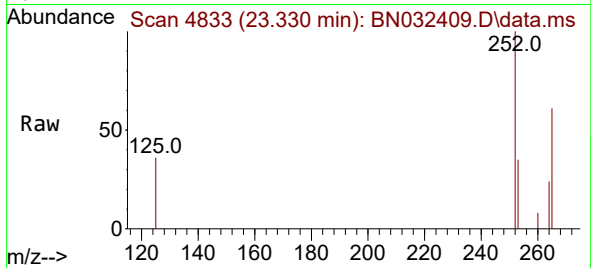




#26
Benzo(a)pyrene
Concen: 0.248 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

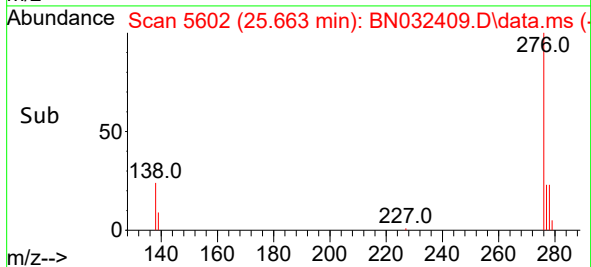
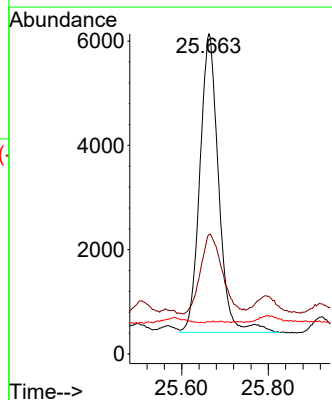
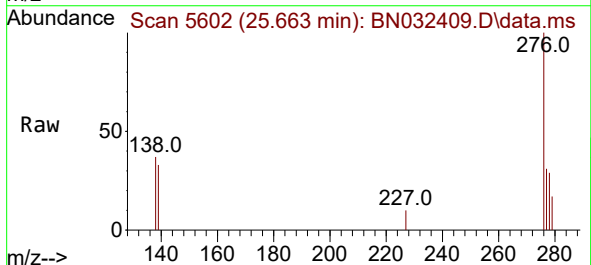
Instrument :
BNA_N
ClientSampleId :
A4C52DL

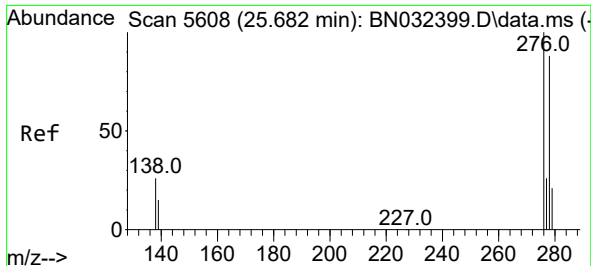
Tgt Ion:252 Resp: 18467
Ion Ratio Lower Upper
252 100
253 35.3 22.2 33.2#
125 36.3 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Tgt Ion:276 Resp: 17189
Ion Ratio Lower Upper
276 100
138 31.2 21.3 31.9
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

RT: 25.663 min Scan# 5

Delta R.T. -0.047 min

Lab File: BN032409.D

Acq: 02 Jul 2024 20:12

Instrument :

BNA_N

ClientSampleId :

A4C52DL

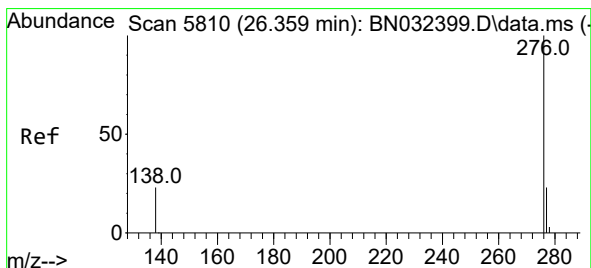
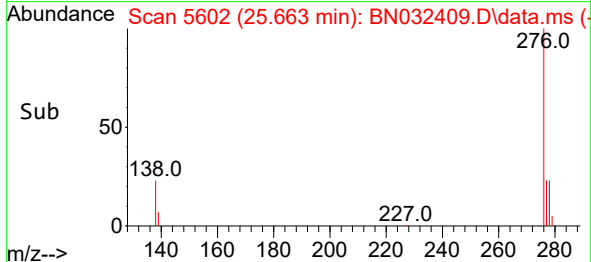
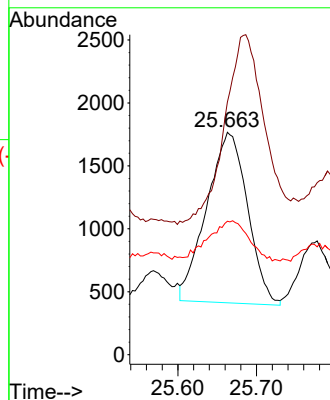
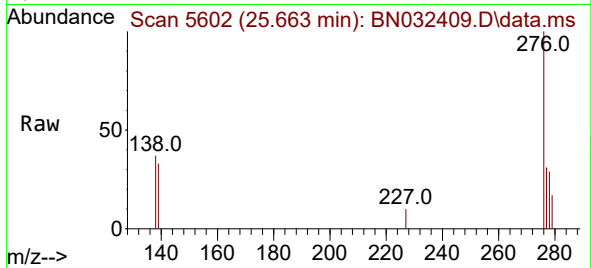
Tgt Ion:278 Resp: 4886

Ion Ratio Lower Upper

278 100

139 113.6 15.9 23.9#

279 60.0 21.1 31.7#



#29

Benzo(g,h,i)perylene

Concen: 0.042 ng/ul

RT: 26.350 min Scan# 5807

Delta R.T. -0.030 min

Lab File: BN032409.D

Acq: 02 Jul 2024 20:12

Tgt Ion:276 Resp: 3872

Ion Ratio Lower Upper

276 100

138 73.8 19.8 29.6#

277 53.4 19.8 29.6#

