

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032281.D
 Acq On : 27 Jun 2024 15:29
 Operator : MA/JU
 Sample : P2909-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN6

Quant Time: Jun 27 15:57:35 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)

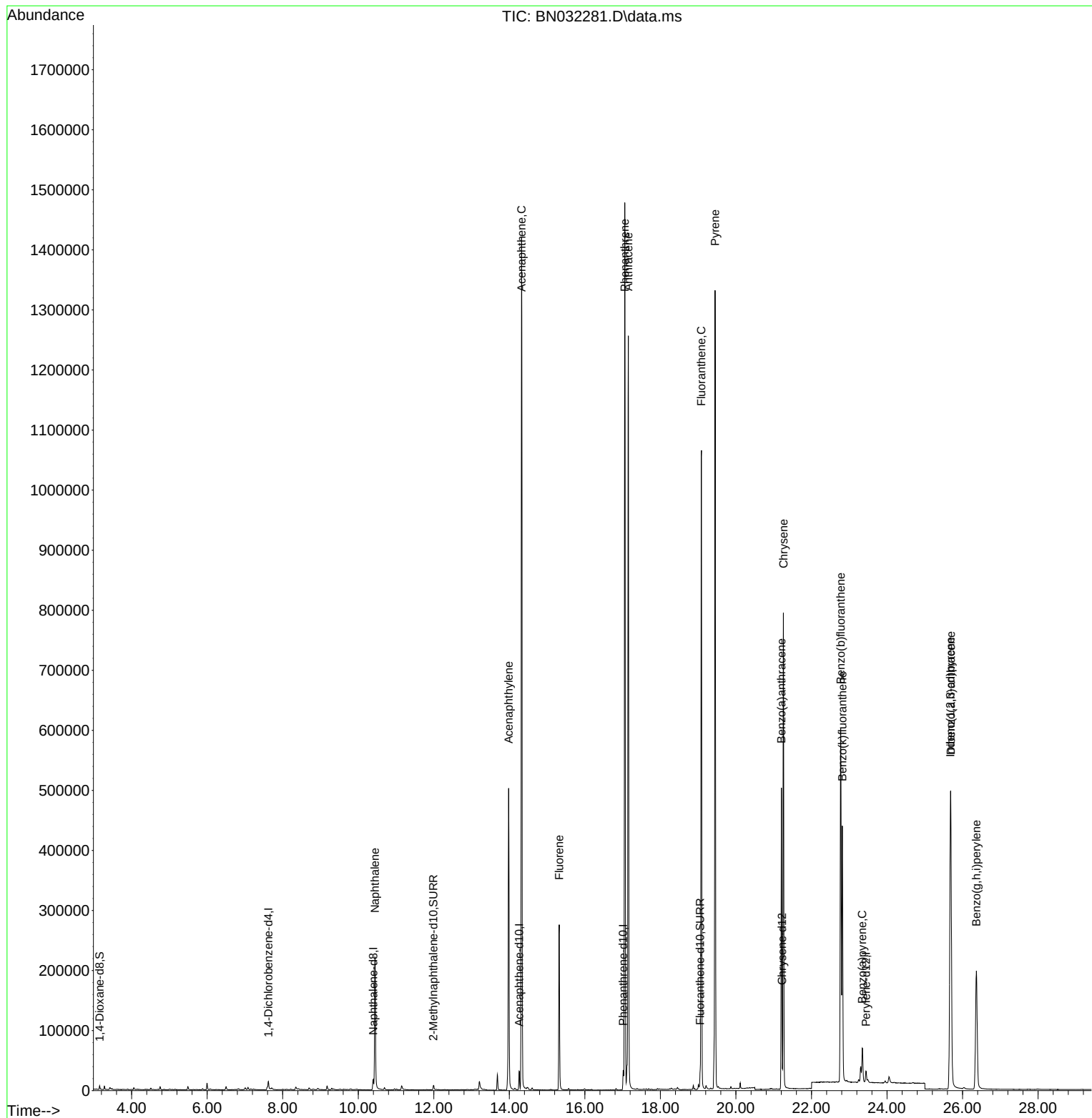
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	7848	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	26484	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	17264	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.015	188	38841	0.400	ng/ul	0.00
17) Chrysene-d12	21.222	240	28313	0.400	ng/ul	0.00
23) Perylene-d12	23.443	264	25653	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	4300	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	12360	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	33647	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.441	128	331279	4.727	ng/ul	99
10) Acenaphthylene	13.983	152	573878	7.993	ng/ul	99
11) Acenaphthene	14.326	153	837318	15.026	ng/ul	99
12) Fluorene	15.320	166	180730	2.722	ng/ul	98
15) Phenanthrene	17.057	178	1601575	15.040	ng/ul	100
16) Anthracene	17.150	178	1359127	14.309	ng/ul	100
19) Fluoranthene	19.086	202	943363	8.750	ng/ul	99
20) Pyrene	19.448	202	1124764	9.983	ng/ul	98
21) Benzo(a)anthracene	21.204	228	419586	4.106	ng/ul	100
22) Chrysene	21.257	228	693105	6.180	ng/ul	99
24) Benzo(b)fluoranthene	22.773	252	768592	6.896	ng/ul	92
25) Benzo(k)fluoranthene	22.817	252	527297	4.869	ng/ul	94
26) Benzo(a)pyrene	23.346	252	84293	1.087	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.678	276	584400	4.813	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.688	278	472467	5.237	ng/ul	95
29) Benzo(g,h,i)perylene	26.366	276	410067	4.240	ng/ul	98

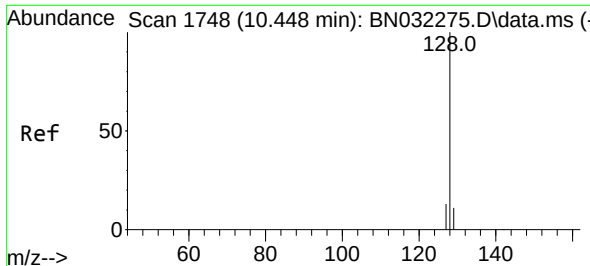
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032281.D
Acq On : 27 Jun 2024 15:29
Operator : MA/JU
Sample : P2909-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DN6

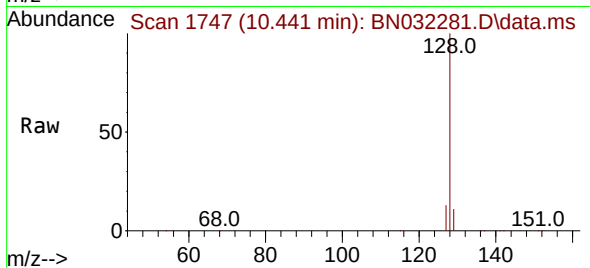
Quant Time: Jun 27 15:57:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



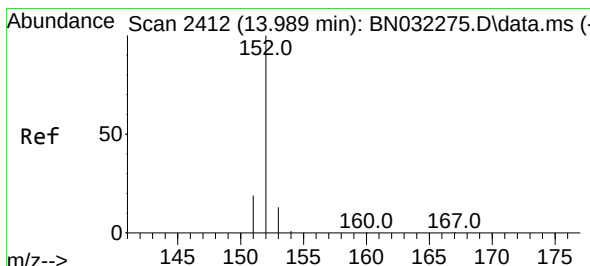
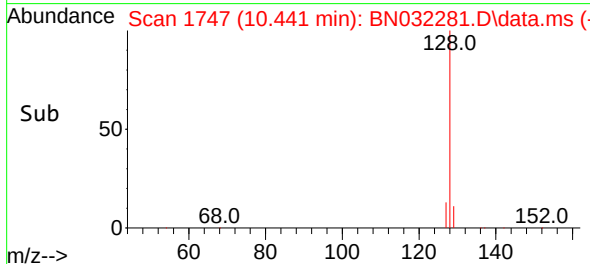
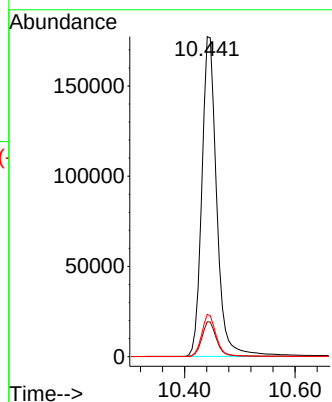


#5
Naphthalene
Concen: 4.727 ng/ul
RT: 10.441 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Instrument :
BNA_N
ClientSampleId :
A4DN6

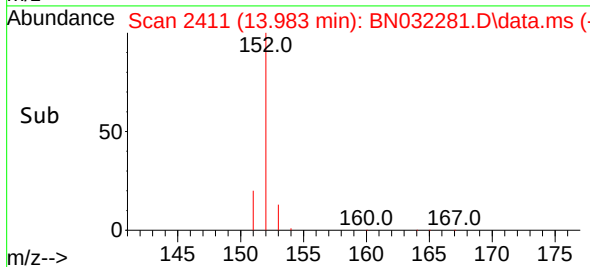
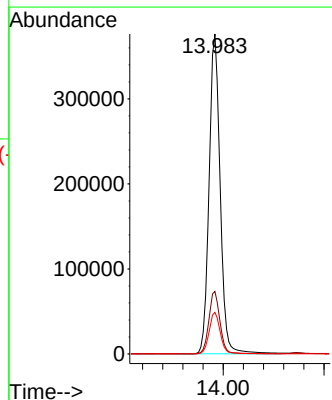
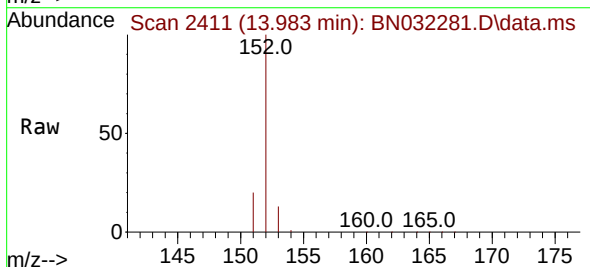


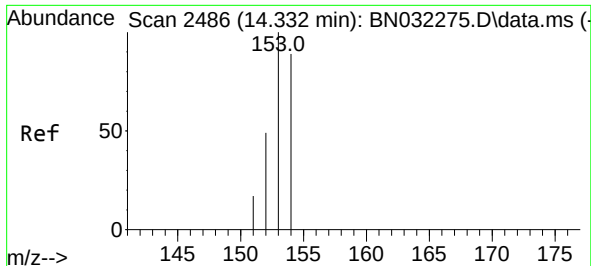
Tgt Ion:128 Resp: 331279
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.2 10.8 16.2



#10
Acenaphthylene
Concen: 7.993 ng/ul
RT: 13.983 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Tgt Ion:152 Resp: 573878
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.9 16.3

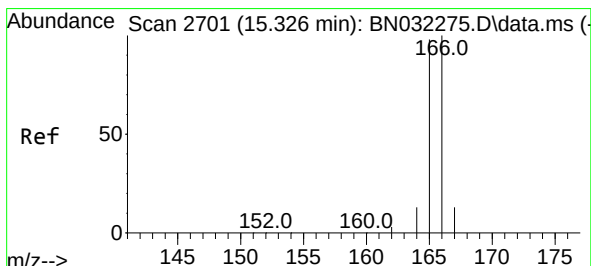
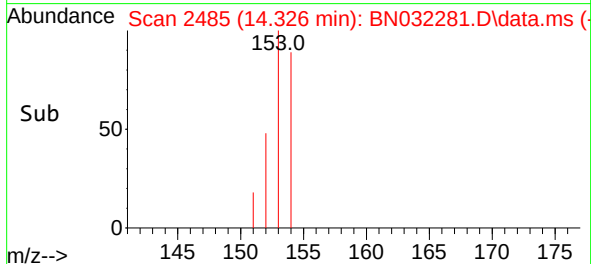
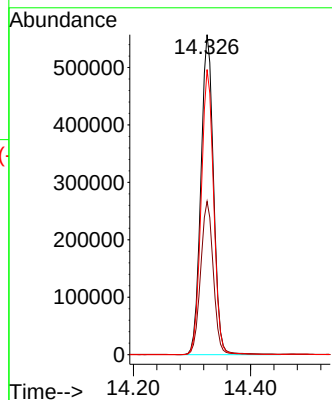
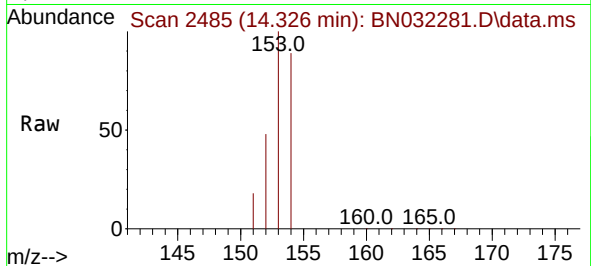




#11
Acenaphthene
Concen: 15.026 ng/ul
RT: 14.326 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

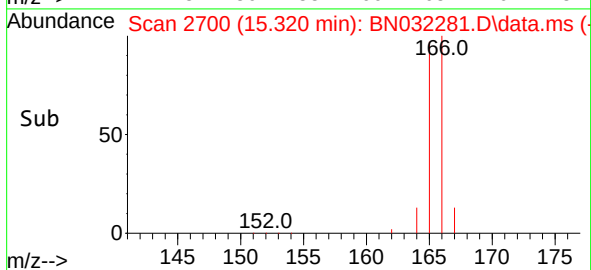
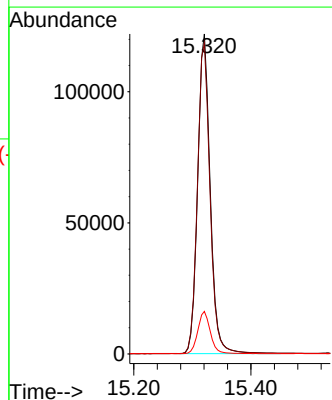
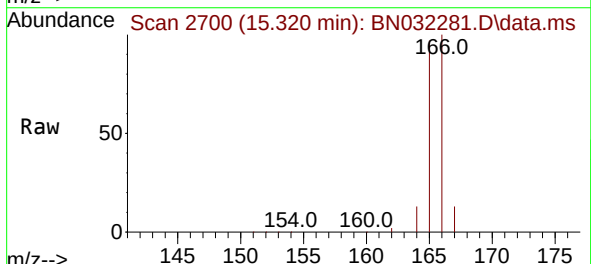
Instrument :
BNA_N
ClientSampleId :
A4DN6

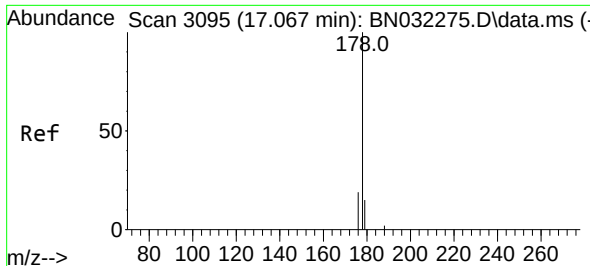
Tgt Ion:153 Resp: 837318
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 89.1 71.7 107.5



#12
Fluorene
Concen: 2.722 ng/ul
RT: 15.320 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Tgt Ion:166 Resp: 180730
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 13.3 11.0 16.6

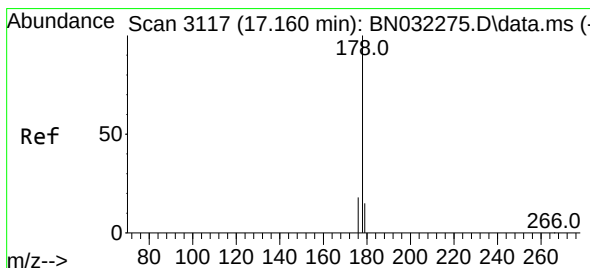
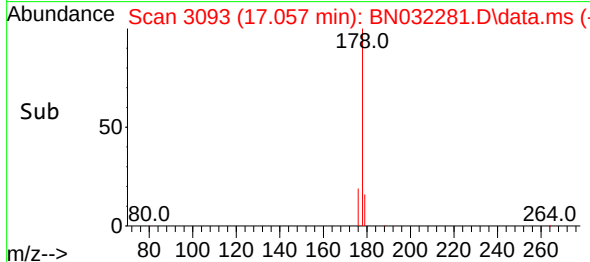
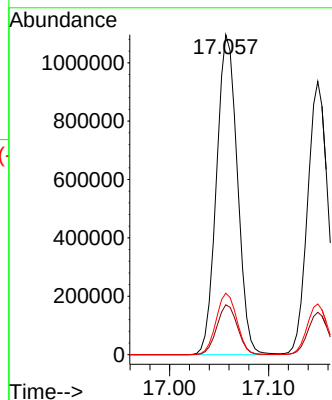
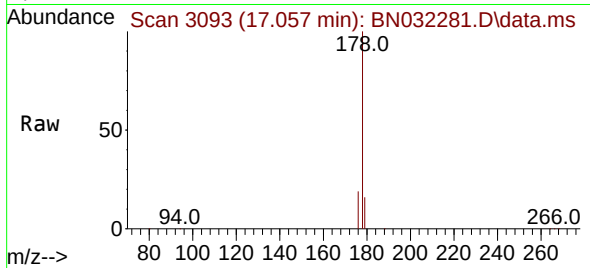




#15
Phenanthrene
Concen: 15.040 ng/ul
RT: 17.057 min Scan# 3095
Delta R.T. -0.010 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

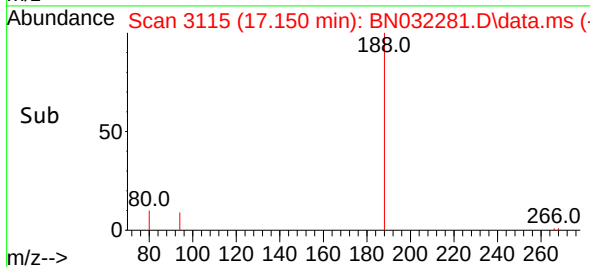
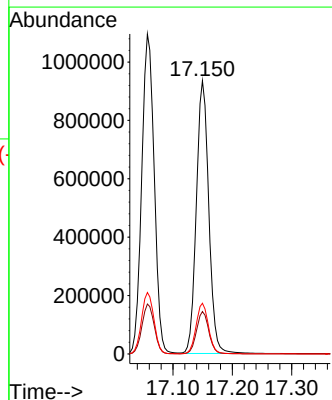
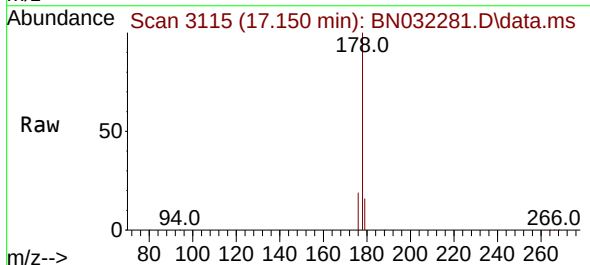
Instrument :
BNA_N
ClientSampleId :
A4DN6

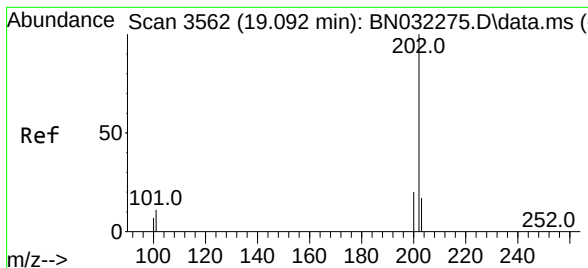
Tgt Ion:178 Resp: 1601575
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.6 23.4



#16
Anthracene
Concen: 14.309 ng/ul
RT: 17.150 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Tgt Ion:178 Resp: 1359127
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.6 15.0 22.6





#19

Fluoranthene

Concen: 8.750 ng/ul

RT: 19.086 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN032281.D

Acq: 27 Jun 2024 15:29

Instrument :

BNA_N

ClientSampleId :

A4DN6

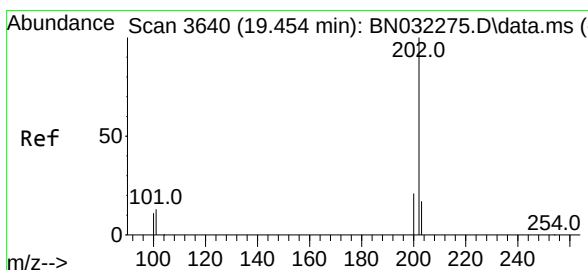
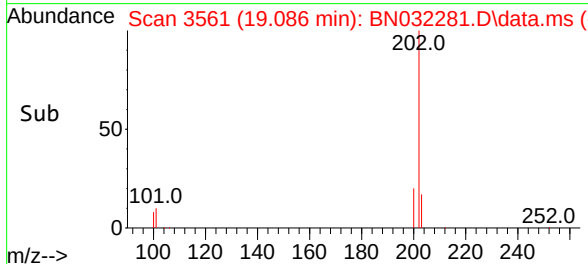
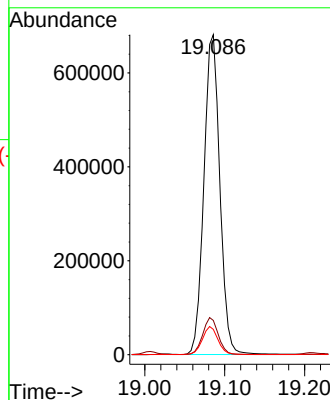
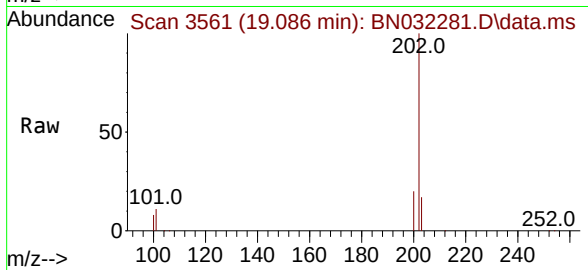
Tgt Ion:202 Resp: 943363

Ion Ratio Lower Upper

202 100

101 10.7 8.8 13.2

100 7.9 6.4 9.6



#20

Pyrene

Concen: 9.983 ng/ul

RT: 19.448 min Scan# 3639

Delta R.T. -0.006 min

Lab File: BN032281.D

Acq: 27 Jun 2024 15:29

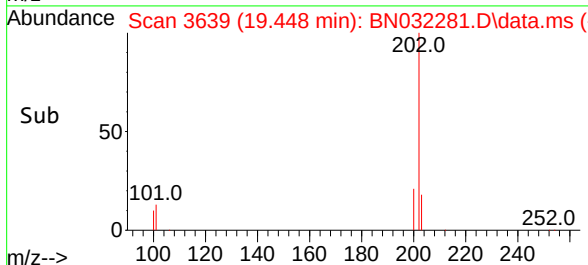
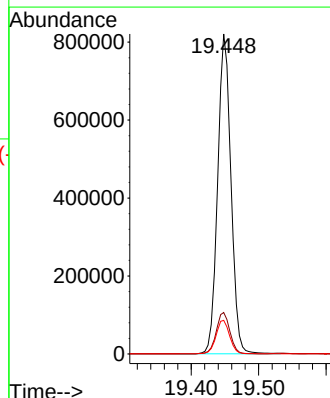
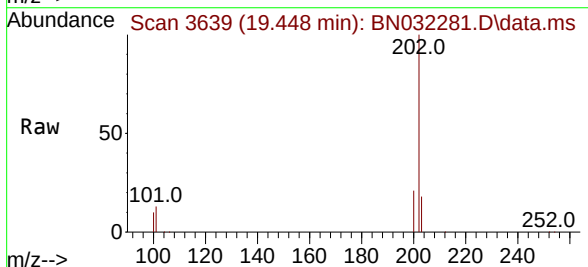
Tgt Ion:202 Resp: 1124764

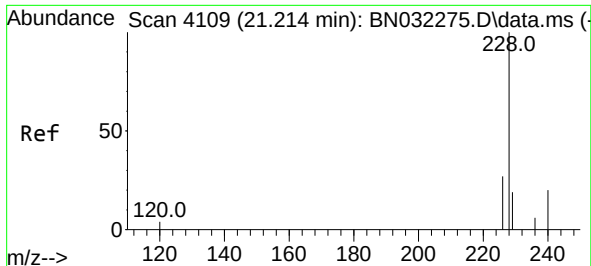
Ion Ratio Lower Upper

202 100

101 12.9 11.0 16.4

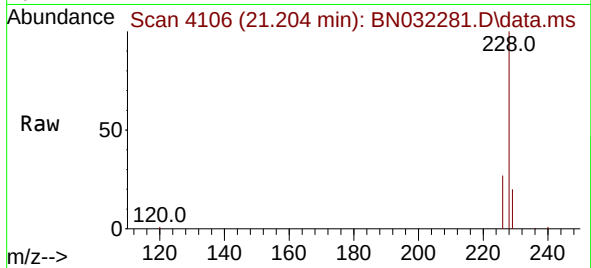
100 10.5 8.7 13.1



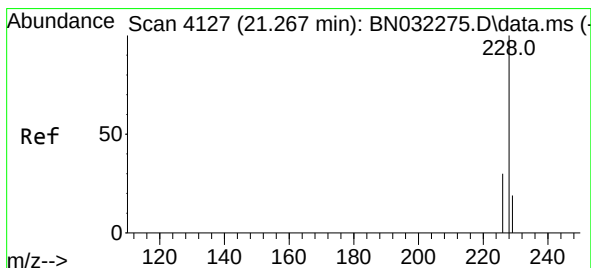
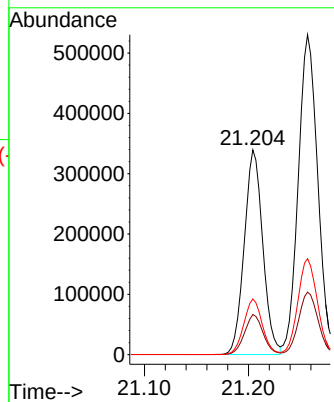
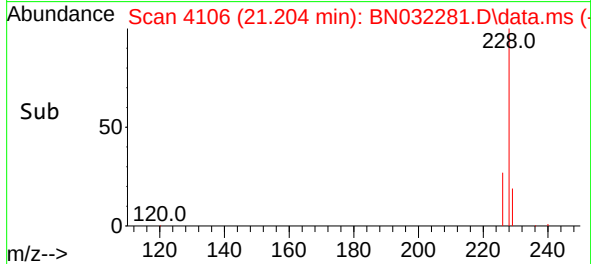


#21
Benzo(a)anthracene
Concen: 4.106 ng/ul
RT: 21.204 min Scan# 4106
Delta R.T. -0.010 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Instrument :
BNA_N
ClientSampleId :
A4DN6

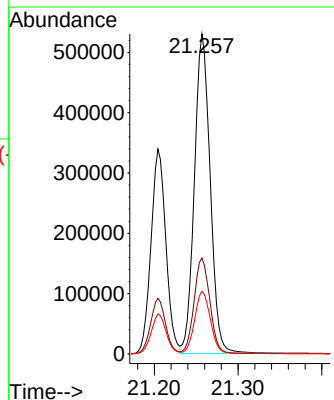
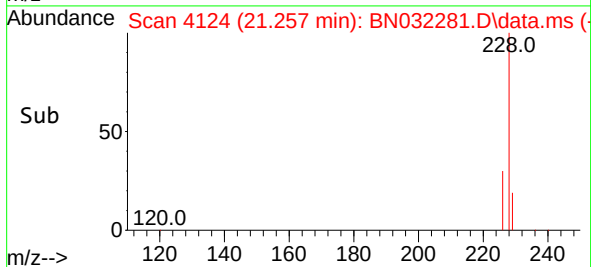
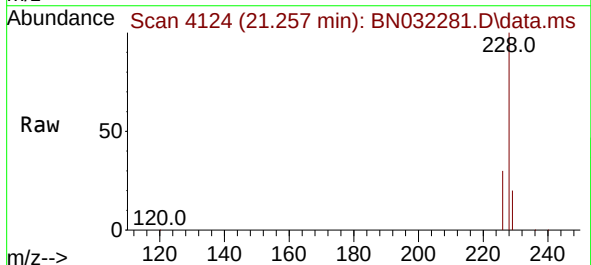


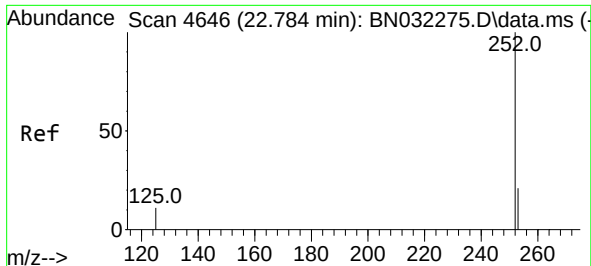
Tgt Ion:228 Resp: 419586
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.2 21.8 32.8



#22
Chrysene
Concen: 6.180 ng/ul
RT: 21.257 min Scan# 4124
Delta R.T. -0.010 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

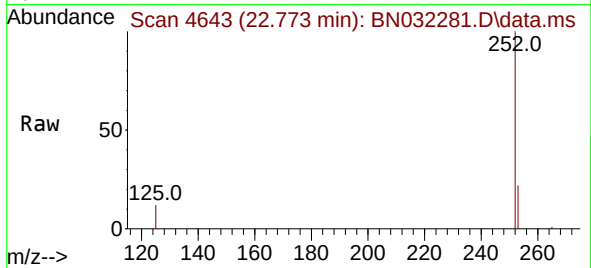
Tgt Ion:228 Resp: 693105
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 19.6 15.7 23.5



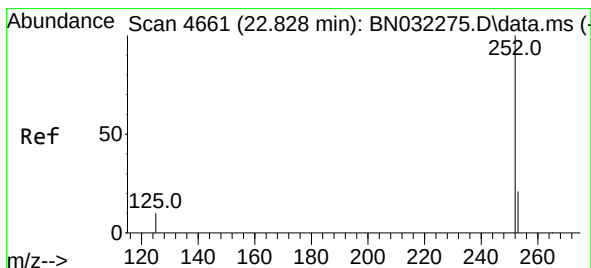
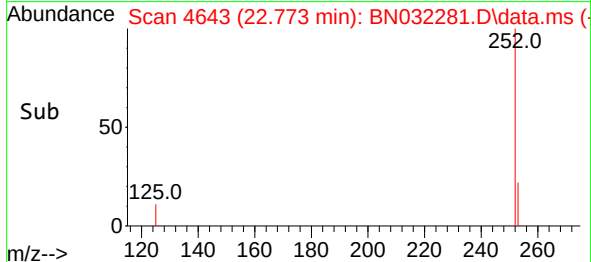
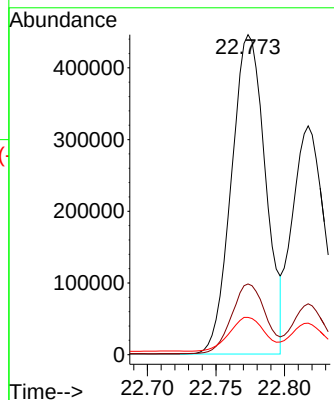


#24
Benzo(b)fluoranthene
Concen: 6.896 ng/ul
RT: 22.773 min Scan# 4643
Delta R.T. -0.010 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Instrument :
BNA_N
ClientSampleId :
A4DN6

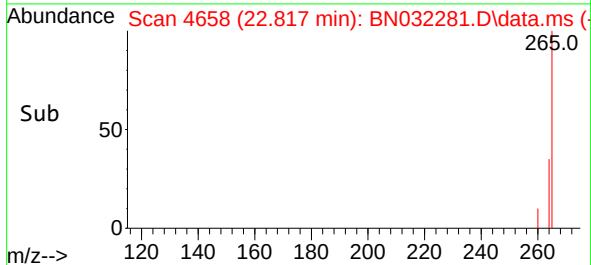
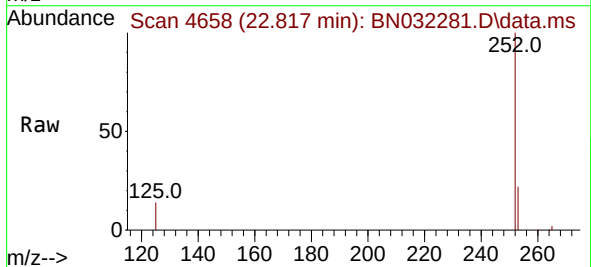
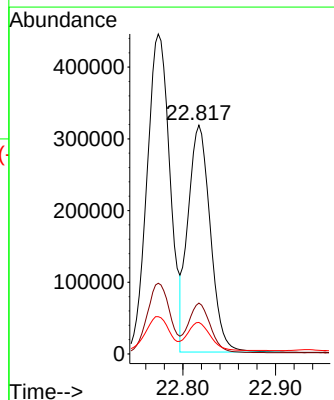


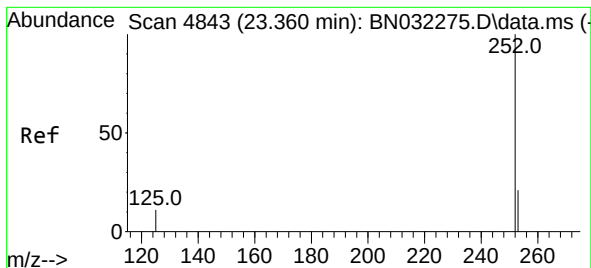
Tgt Ion:252 Resp: 768592
Ion Ratio Lower Upper
252 100
253 22.1 0.0 50.2
125 11.6 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 4.869 ng/ul
RT: 22.817 min Scan# 4658
Delta R.T. -0.010 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Tgt Ion:252 Resp: 527297
Ion Ratio Lower Upper
252 100
253 22.3 20.3 30.5
125 13.8 12.8 19.2





#26

Benzo(a)pyrene

Concen: 1.087 ng/ul

RT: 23.346 min Scan# 4839

Delta R.T. -0.013 min

Lab File: BN032281.D

Acq: 27 Jun 2024 15:29

Instrument :

BNA_N

ClientSampleId :

A4DN6

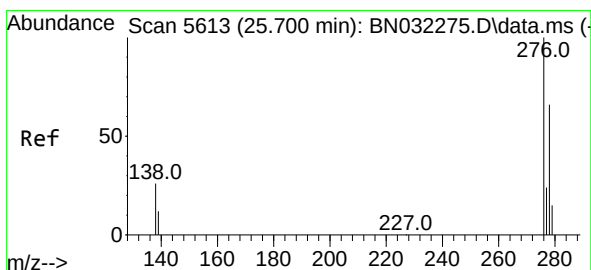
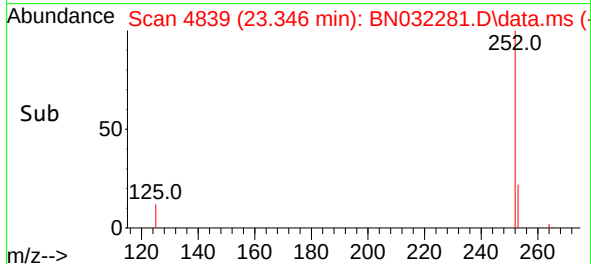
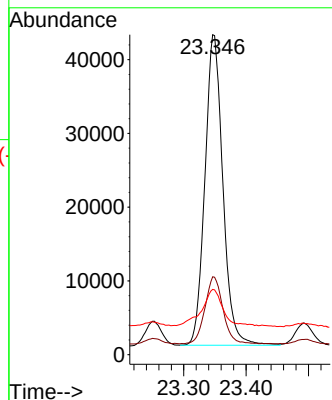
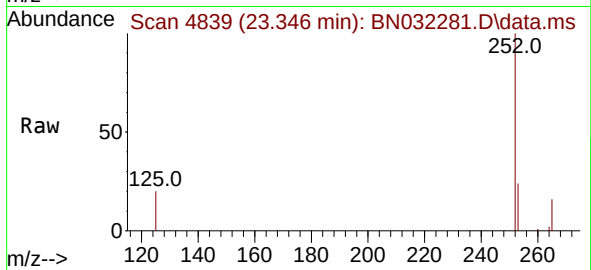
Tgt Ion:252 Resp: 84293

Ion Ratio Lower Upper

252 100

253 24.4 22.2 33.2

125 20.4 16.4 24.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.813 ng/ul

RT: 25.678 min Scan# 5607

Delta R.T. -0.022 min

Lab File: BN032281.D

Acq: 27 Jun 2024 15:29

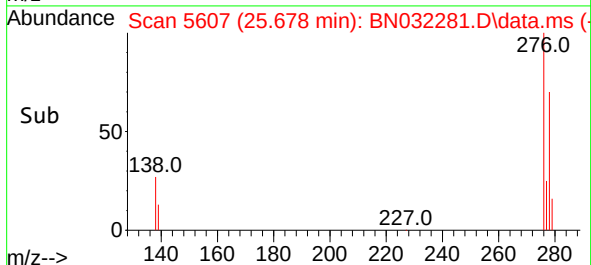
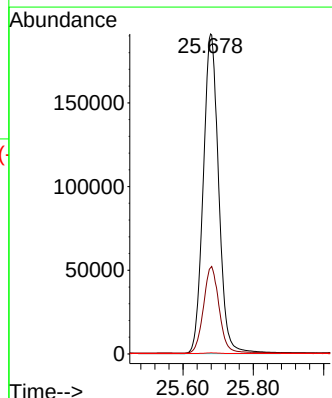
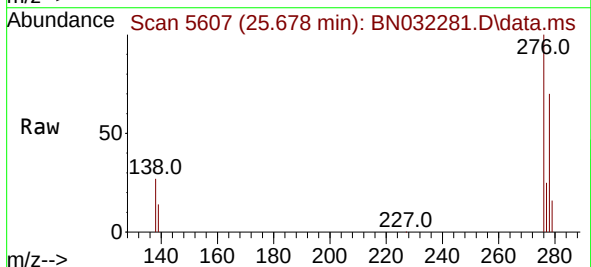
Tgt Ion:276 Resp: 584400

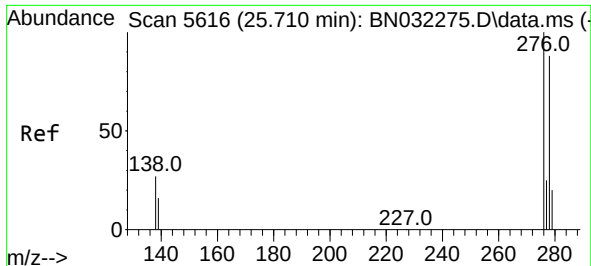
Ion Ratio Lower Upper

276 100

138 27.3 21.3 31.9

227 0.2 0.1 0.1#

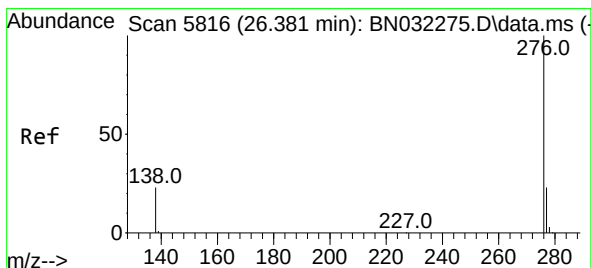
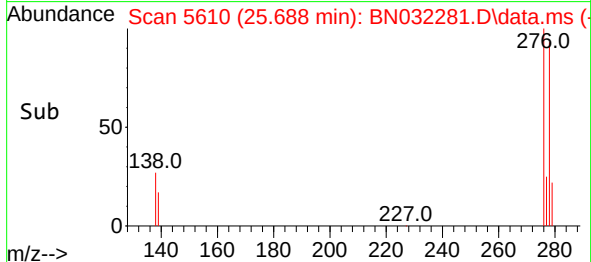
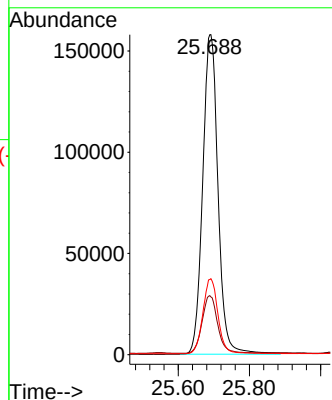
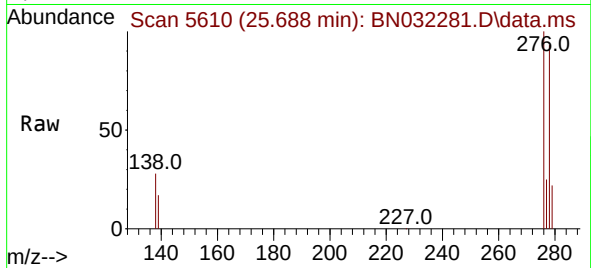




#28
Dibenzo(a,h)anthracene
Concen: 5.237 ng/ul
RT: 25.688 min Scan# 5610
Delta R.T. -0.022 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Instrument :
BNA_N
ClientSampleId :
A4DN6

Tgt Ion:278 Resp: 472467
Ion Ratio Lower Upper
278 100
139 18.5 15.9 23.9
279 23.5 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 4.240 ng/ul
RT: 26.366 min Scan# 5812
Delta R.T. -0.015 min
Lab File: BN032281.D
Acq: 27 Jun 2024 15:29

Tgt Ion:276 Resp: 410067
Ion Ratio Lower Upper
276 100
138 23.5 19.8 29.6
277 23.7 19.8 29.6

