

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023326.D
 Acq On : 21 Dec 2022 22:54
 Operator : CG/JU
 Sample : N6003-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 03:22:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

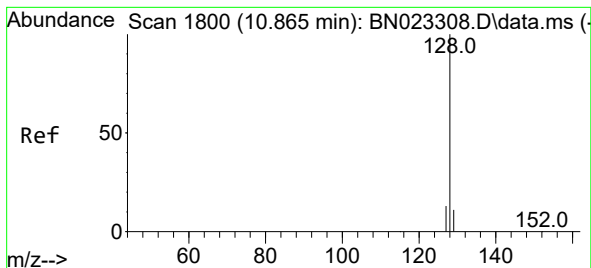
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7729	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	25644	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	15624	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	36486	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	26292	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	27555	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	43152	5.138	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	14088	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	35448	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	6494	0.086	ng/ul#	96
7) 2-Methylnaphthalene	12.476	142	1398	0.029	ng/ul	99
10) Acenaphthylene	14.368	152	292830	4.229	ng/ul	99
11) Acenaphthene	14.710	153	2231	0.038	ng/ul#	93
12) Fluorene	15.695	166	5008	0.076	ng/ul#	99
14) Pentachlorophenol	17.035	266	336	0.033	ng/ul	93
15) Phenanthrene	17.432	178	65416	0.551	ng/ul	100
16) Anthracene	17.525	178	203033	2.060	ng/ul	99
19) Fluoranthene	19.448	202	1312166	10.288	ng/ul	100
20) Pyrene	19.815	202	1507344	11.723	ng/ul	98
21) Benzo(a)anthracene	21.563	228	1930497	18.859	ng/ul	97
22) Chrysene	21.616	228	2402643	23.080	ng/ul	98
24) Benzo(b)fluoranthene	23.288	252	5350009	37.539	ng/ul	94
26) Benzo(a)pyrene	23.925	252	1842913	16.331	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.587	276	1261945	9.582	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.597	278	300544	2.941	ng/ul	98
29) Benzo(g,h,i)perylene	27.378	276	1004622	9.358	ng/ul	99

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

Quant Time: Dec 22 03:22:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.086 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

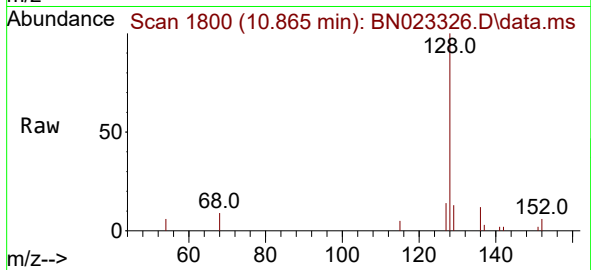
Lab File: BN023326.D

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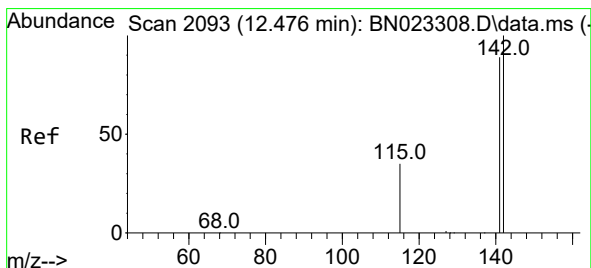
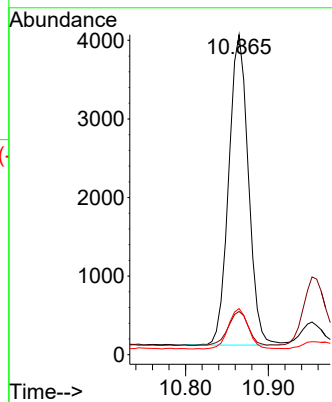
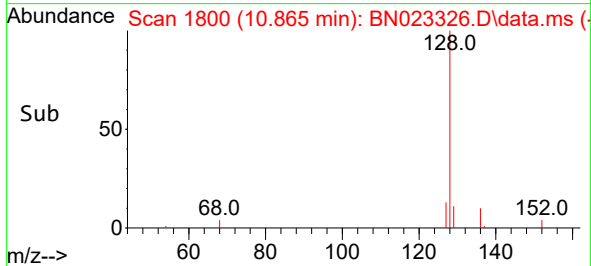
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	128	Resp:	6494
Ion Ratio	Lower	Upper	
128	100		
129	13.5	9.0	13.4#
127	14.4	10.7	16.1



#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

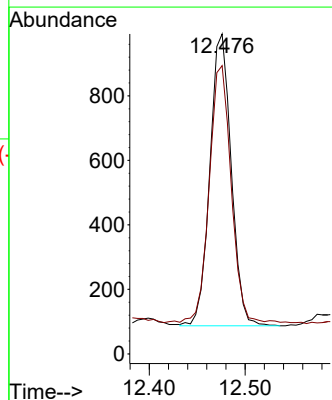
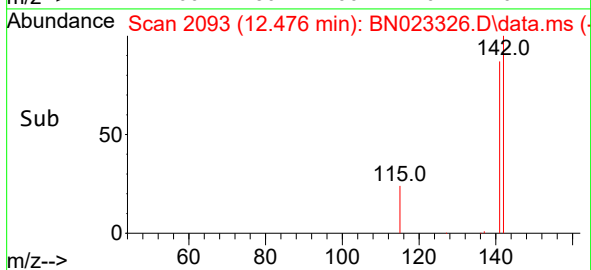
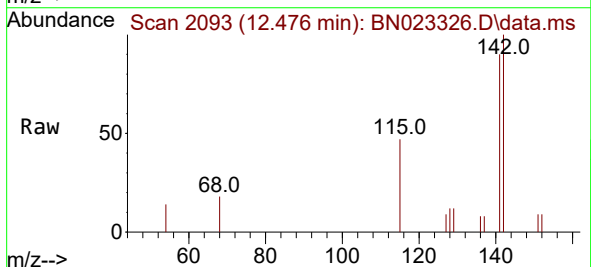
RT: 12.476 min Scan# 2093

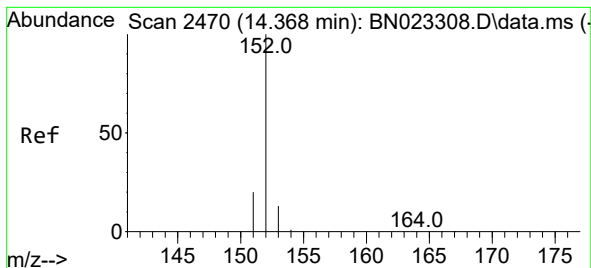
Delta R.T. 0.000 min

Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

Tgt Ion:	142	Resp:	1398
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.4	107.2





#10

Acenaphthylene

Concen: 4.229 ng/ul

RT: 14.368 min Scan# 2470

Delta R.T. -0.001 min

Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

Instrument :

BNA_N

ClientSampleId :

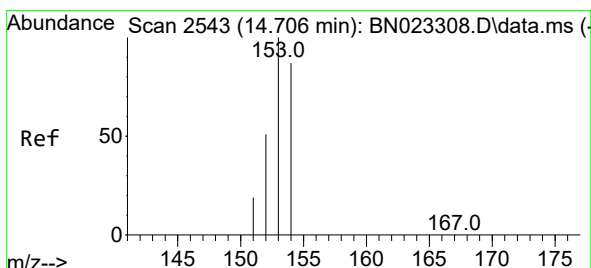
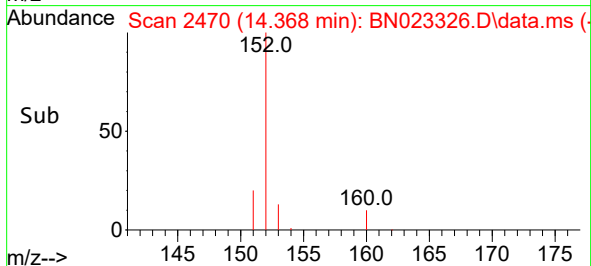
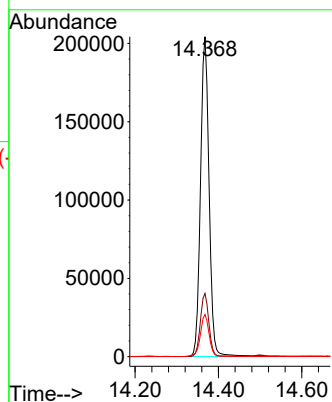
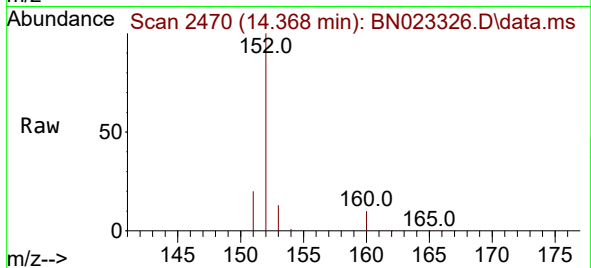
Tgt Ion:152 Resp: 292830

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 13.2 10.9 16.3



#11

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.710 min Scan# 2544

Delta R.T. 0.004 min

Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

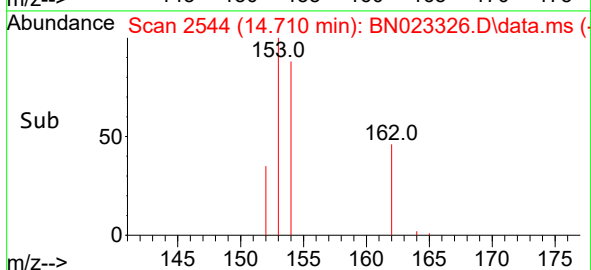
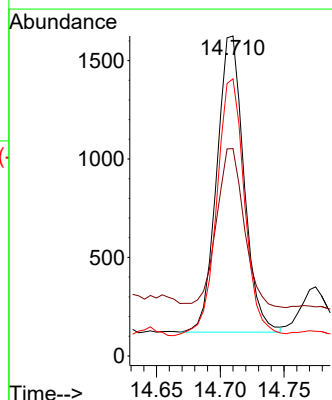
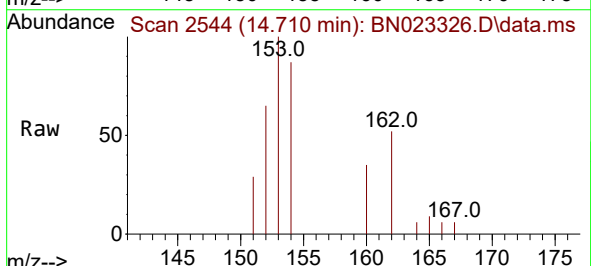
Tgt Ion:153 Resp: 2231

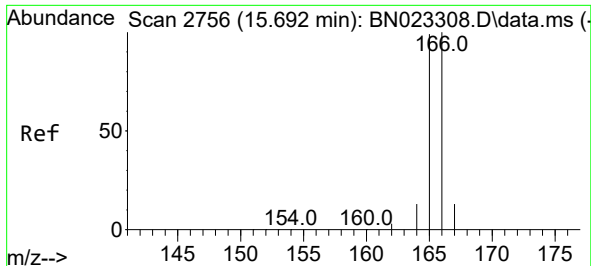
Ion Ratio Lower Upper

153 100

152 64.8 41.0 61.4#

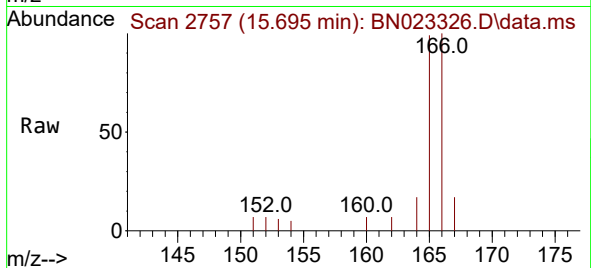
154 86.6 69.5 104.3



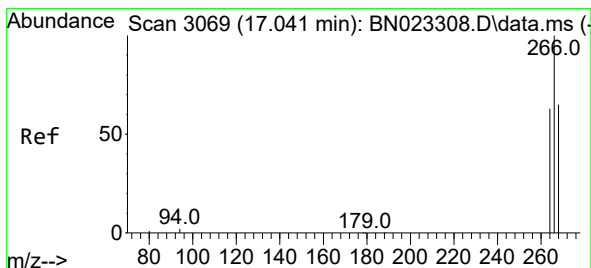
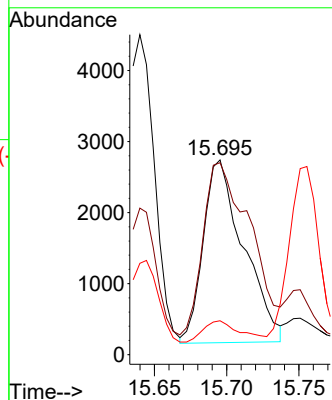
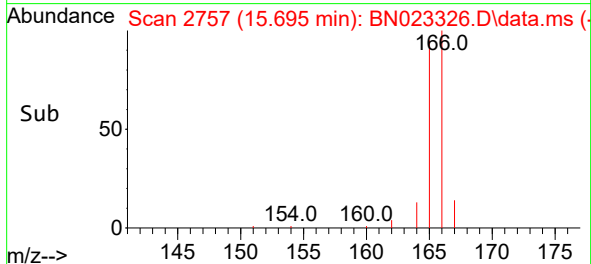


#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.695 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

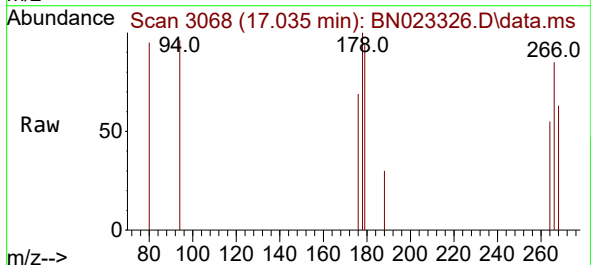
Instrument :
BNA_N
ClientSampleId :



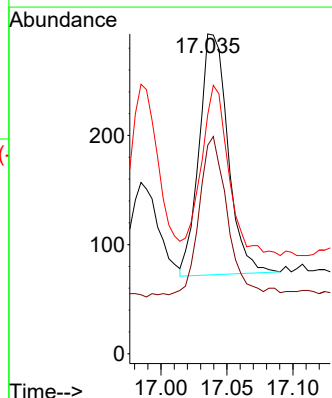
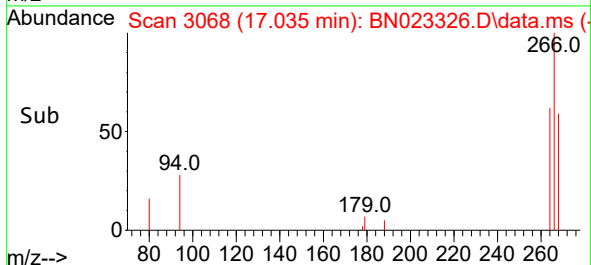
Tgt Ion:166 Resp: 5008
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 17.4 11.0 16.4#

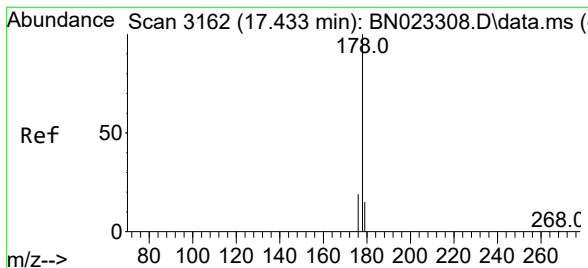


#14
Pentachlorophenol
Concen: 0.033 ng/ul
RT: 17.035 min Scan# 3068
Delta R.T. -0.005 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54



Tgt Ion:266 Resp: 336
Ion Ratio Lower Upper
266 100
264 69.9 49.8 74.6
268 67.9 51.4 77.0





#15

Phenanthrene

Concen: 0.551 ng/ul

RT: 17.432 min Scan# 3162

Delta R.T. -0.001 min

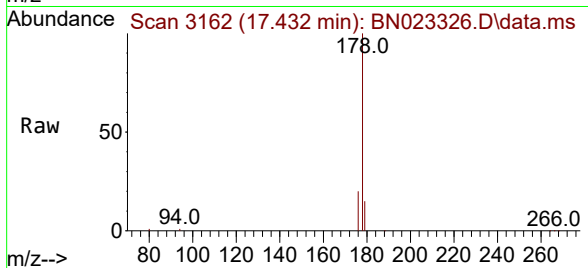
Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

Instrument :

BNA_N

ClientSampleId :



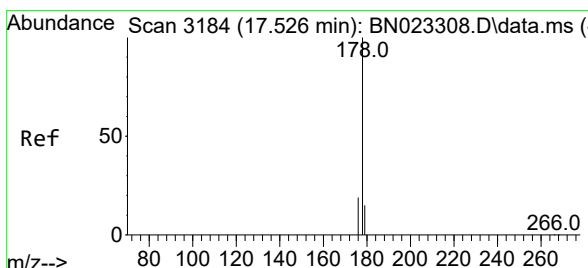
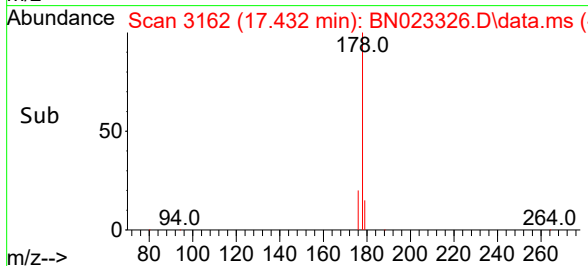
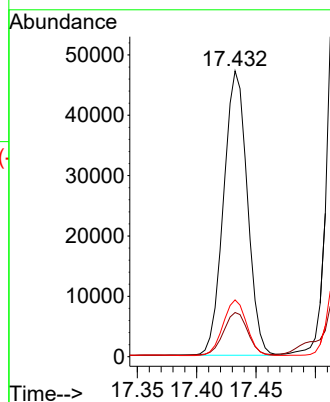
Tgt Ion:178 Resp: 65416

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.9 15.7 23.5



#16

Anthracene

Concen: 2.060 ng/ul

RT: 17.525 min Scan# 3184

Delta R.T. -0.001 min

Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

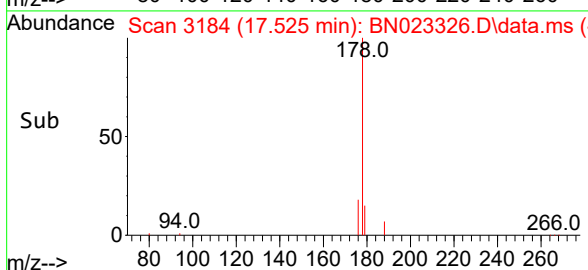
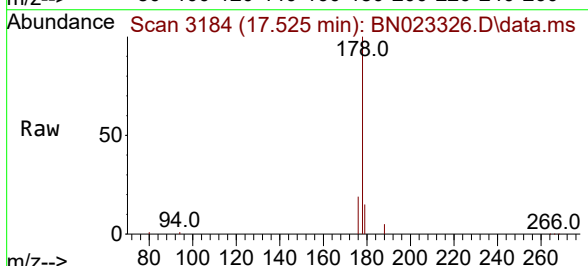
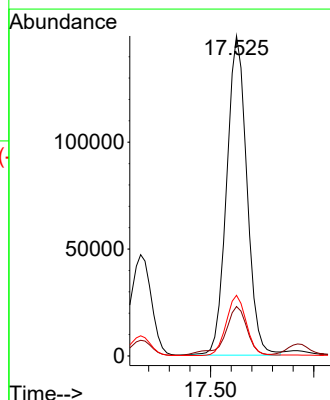
Tgt Ion:178 Resp: 203033

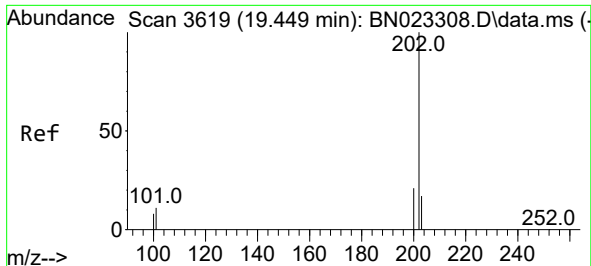
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.9 15.4 23.0





#19

Fluoranthene

Concen: 10.288 ng/ul

RT: 19.448 min Scan# 3619

Delta R.T. -0.001 min

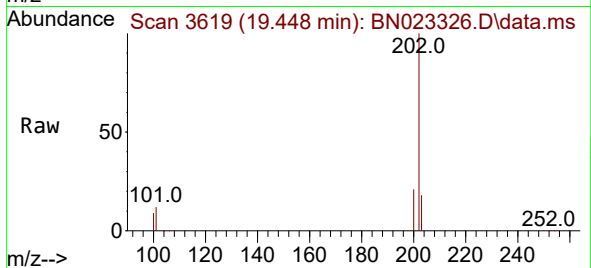
Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

Instrument :

BNA_N

ClientSampleId :



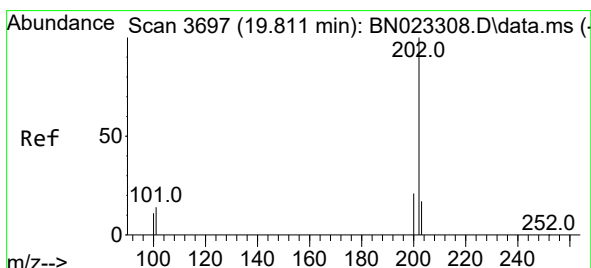
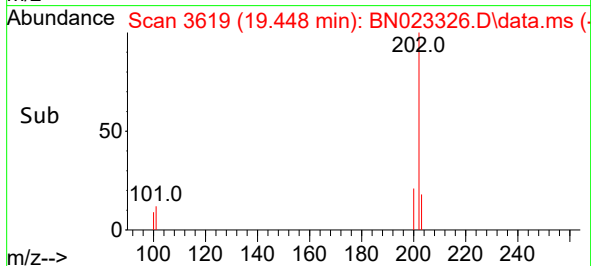
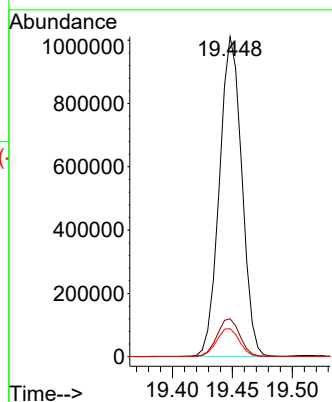
Tgt Ion:202 Resp: 1312166

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

100 8.8 7.0 10.6



#20

Pyrene

Concen: 11.723 ng/ul

RT: 19.815 min Scan# 3698

Delta R.T. 0.004 min

Lab File: BN023326.D

Acq: 21 Dec 2022 22:54

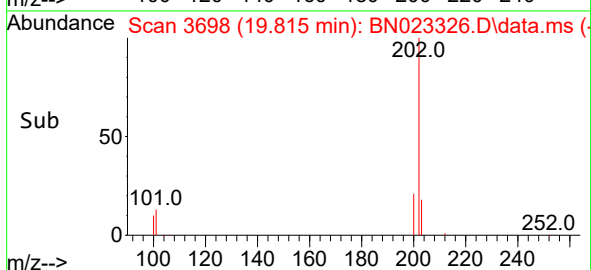
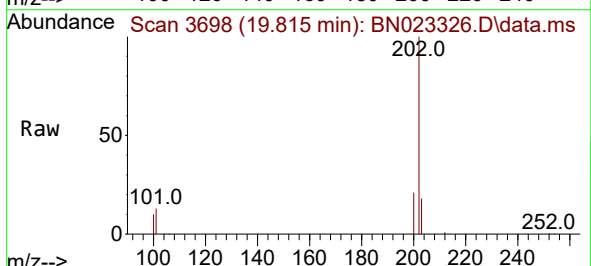
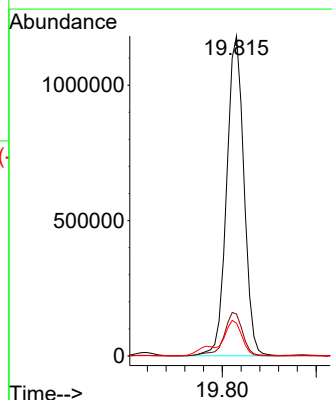
Tgt Ion:202 Resp: 1507344

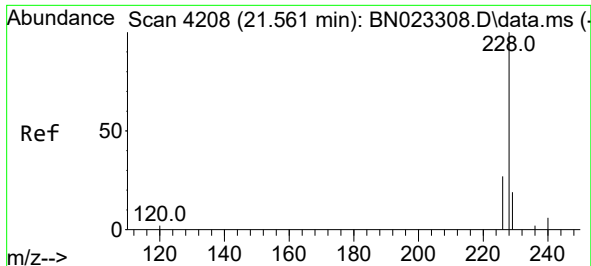
Ion Ratio Lower Upper

202 100

101 13.1 11.3 16.9

100 10.3 9.0 13.4

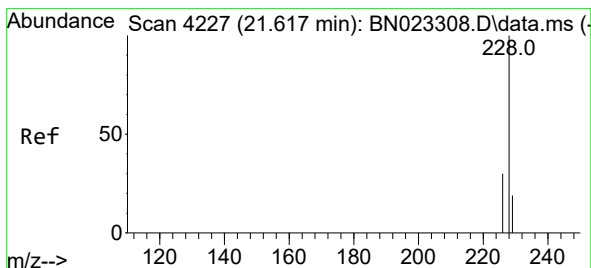
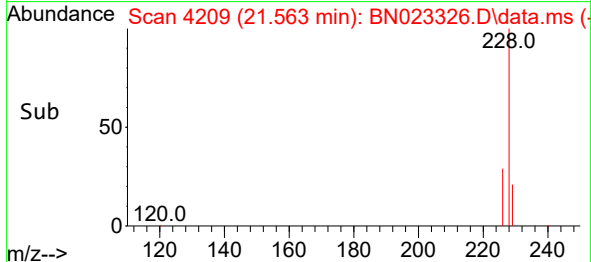
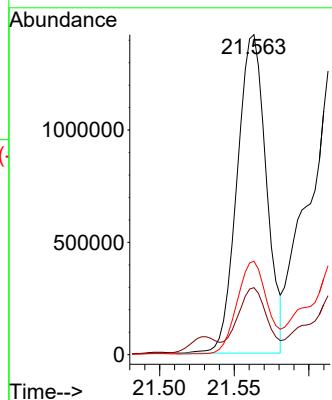
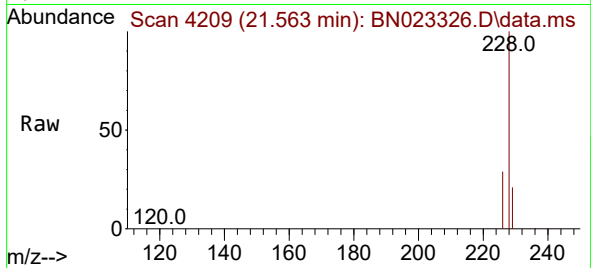




#21
Benzo(a)anthracene
Concen: 18.859 ng/ul
RT: 21.563 min Scan# 4208
Delta R.T. 0.002 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

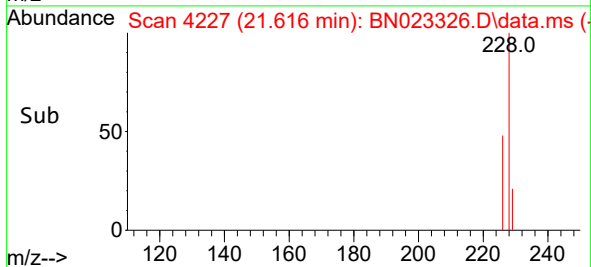
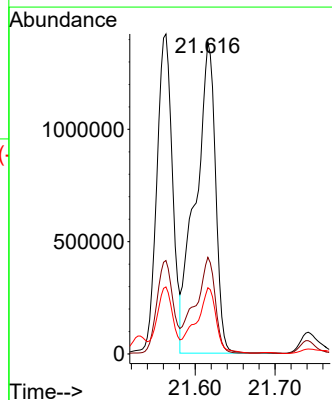
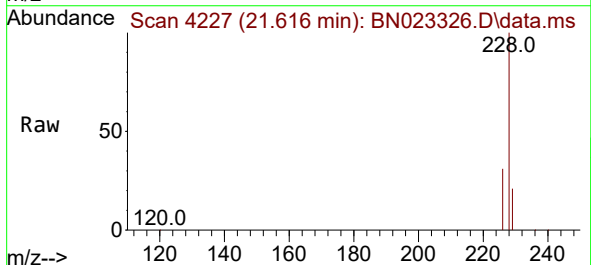
Instrument :
BNA_N
ClientSampleId :

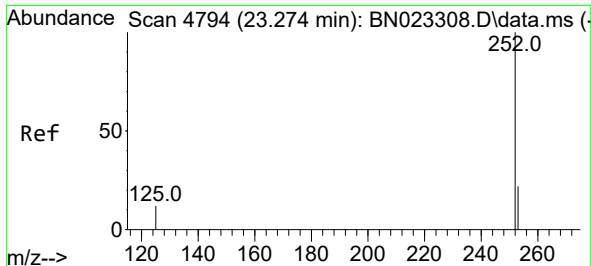
Tgt Ion:228 Resp: 1930497
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 29.2 22.2 33.2



#22
Chrysene
Concen: 23.080 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

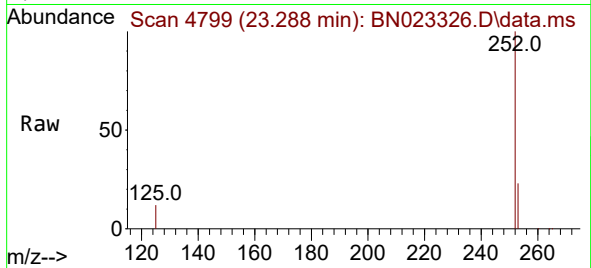
Tgt Ion:228 Resp: 2402643
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.2 15.8 23.6



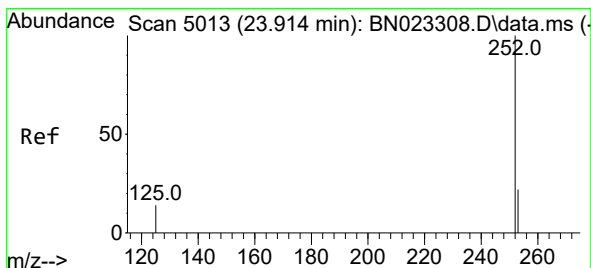
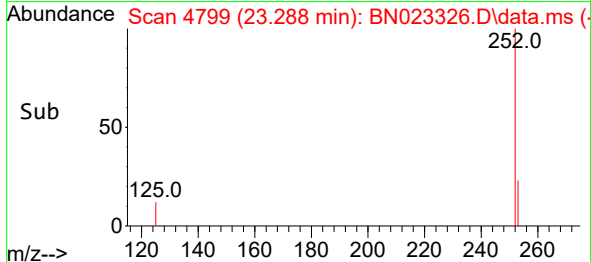
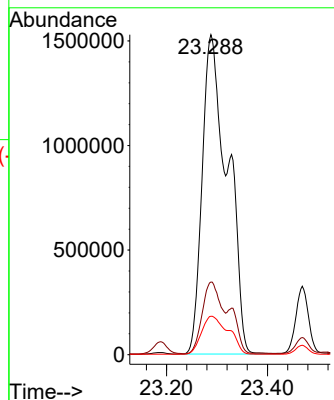


#24
Benzo(b)fluoranthene
Concen: 37.539 ng/ul
RT: 23.288 min Scan# 4799
Delta R.T. 0.014 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

Instrument :
BNA_N
ClientSampleId :

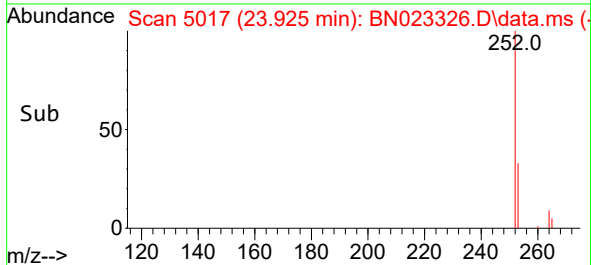
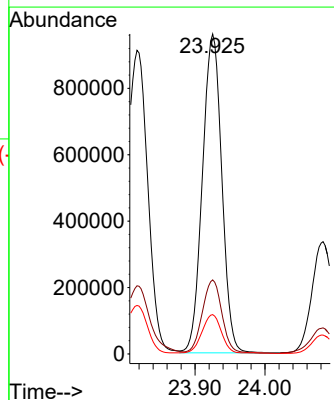
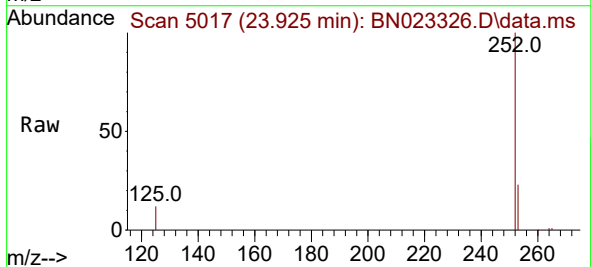


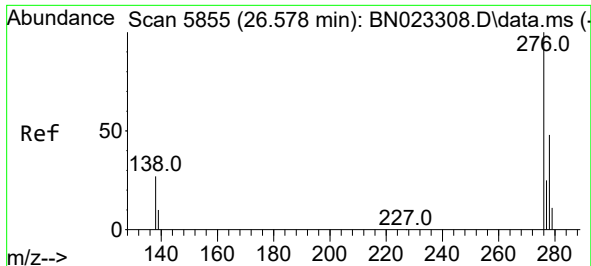
Tgt Ion:252 Resp: 5350009
Ion Ratio Lower Upper
252 100
253 22.7 0.0 49.2
125 12.0 0.0 31.8



#26
Benzo(a)pyrene
Concen: 16.331 ng/ul
RT: 23.925 min Scan# 5017
Delta R.T. 0.011 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

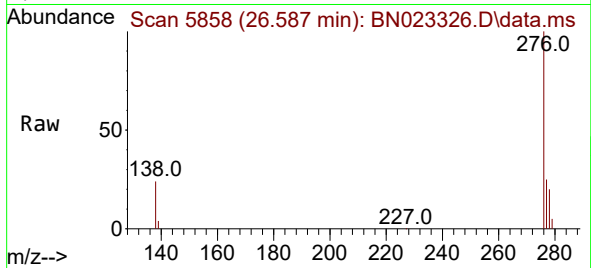
Tgt Ion:252 Resp: 1842913
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 12.3 16.2 24.4#



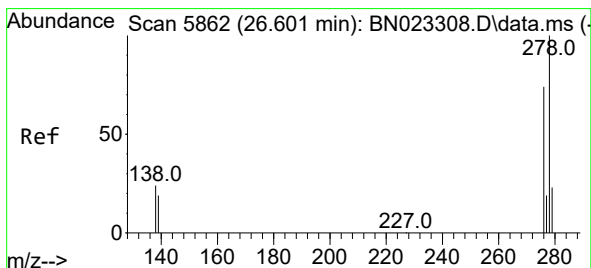
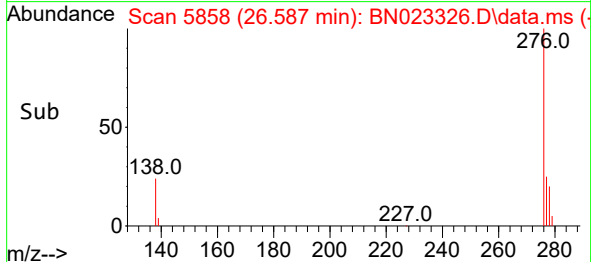
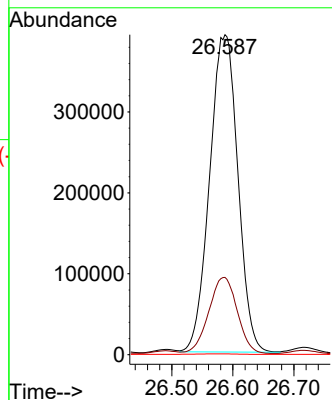


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 9.582 ng/ul
 RT: 26.587 min Scan# 5858
 Delta R.T. 0.009 min
 Lab File: BN023326.D
 Acq: 21 Dec 2022 22:54

Instrument :
 BNA_N
 ClientSampleId :

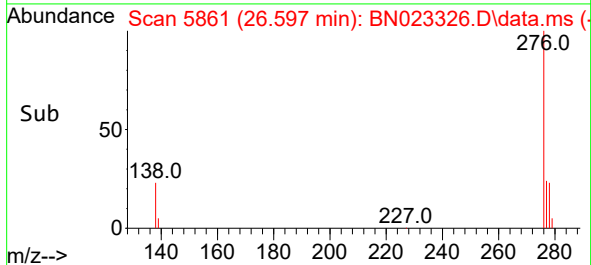
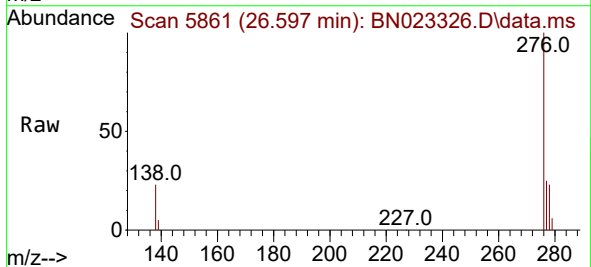
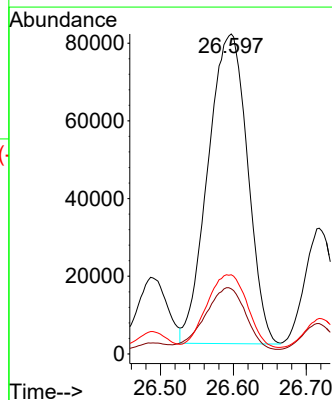


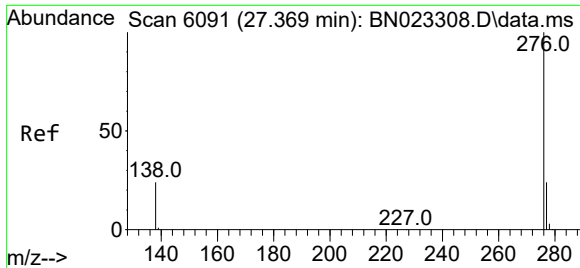
Tgt Ion:276 Resp: 1261945
 Ion Ratio Lower Upper
 276 100
 138 24.2 23.4 35.2
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.941 ng/ul
 RT: 26.597 min Scan# 5861
 Delta R.T. -0.004 min
 Lab File: BN023326.D
 Acq: 21 Dec 2022 22:54

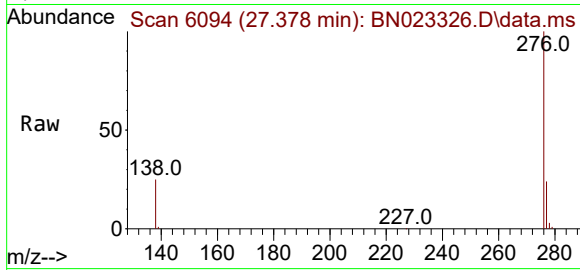
Tgt Ion:278 Resp: 300544
 Ion Ratio Lower Upper
 278 100
 139 20.4 16.6 24.8
 279 24.7 21.3 31.9





#29
Benzo(g,h,i)perylene
Concen: 9.358 ng/ul
RT: 27.378 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 1004622
Ion Ratio Lower Upper
276 100
138 25.1 20.3 30.5
277 24.3 19.7 29.5

