

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023352.D
 Acq On : 22 Dec 2022 23:03
 Operator : CG/JU
 Sample : N6003-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 23:55:39 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)

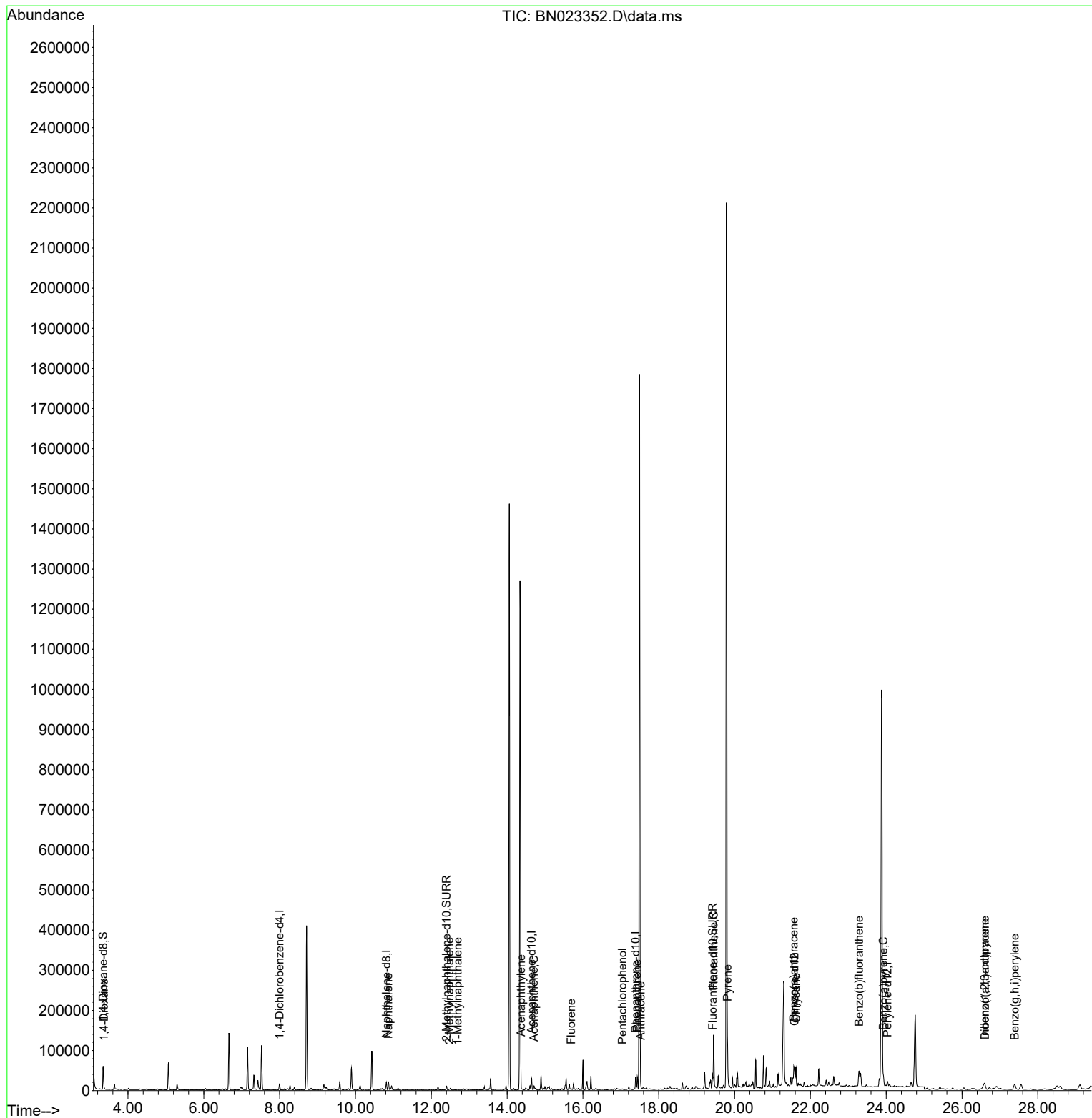
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	24209	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.645	164	14979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33781	0.400	ng/ul #	0.00
17) Chrysene-d12	21.581	240	34356	0.400	ng/ul #	0.00
23) Perylene-d12	24.033	264	18933	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	37380	4.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	12703	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	31684	0.255	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.366	88	314	0.039	ng/ul#	1
5) Naphthalene	10.865	128	2898	0.041	ng/ul#	85
7) 2-Methylnaphthalene	12.476	142	1582	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.696	142	1171	0.025	ng/ul	96
10) Acenaphthylene	14.368	152	2283	0.034	ng/ul#	73
11) Acenaphthene	14.710	153	1425	0.025	ng/ul#	88
12) Fluorene	15.691	166	1601	0.025	ng/ul#	84
14) Pentachlorophenol	17.040	266	645	0.069	ng/ul	95
15) Phenanthrene	17.432	178	32891	0.299	ng/ul	97
16) Anthracene	17.525	178	5066	0.056	ng/ul#	86
19) Fluoranthene	19.448	202	100592	0.604	ng/ul#	82
20) Pyrene	19.815	202	77304	0.460	ng/ul	100
21) Benzo(a)anthracene	21.563	228	39816	0.298	ng/ul#	91
22) Chrysene	21.619	228	48098	0.354	ng/ul#	93
24) Benzo(b)fluoranthene	23.282	252	83279	0.850	ng/ul	82
26) Benzo(a)pyrene	23.925	252	33306	0.430	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.597	276	25616	0.283	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.607	278	6438	0.092	ng/ul#	32
29) Benzo(g,h,i)perylene	27.389	276	23556	0.319	ng/ul#	68

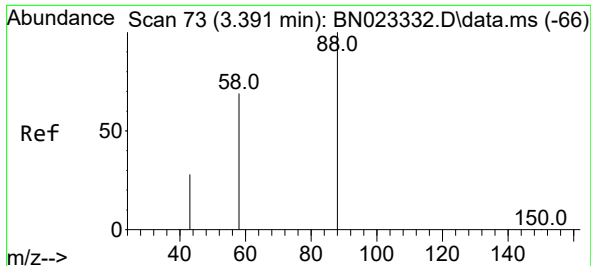
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:55:39 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

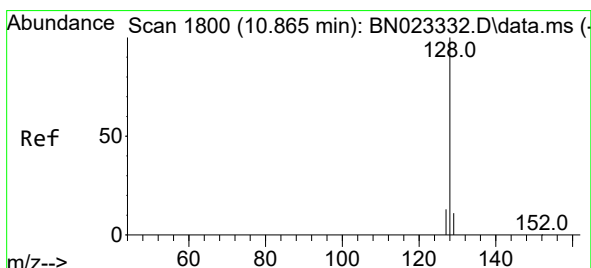
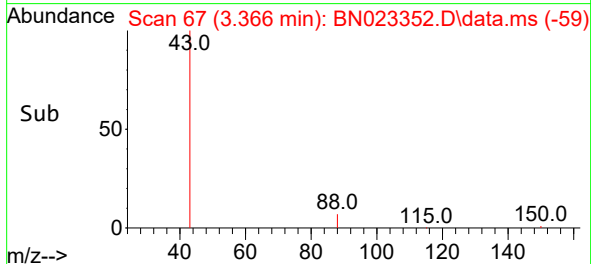
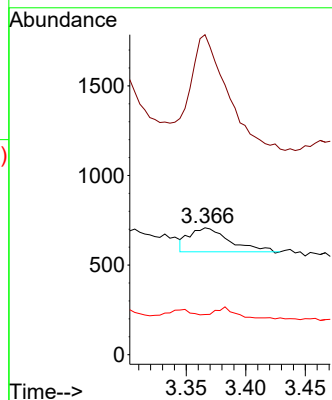
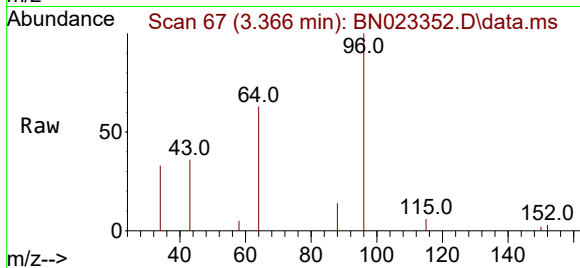




#2
1,4-Dioxane
Concen: 0.039 ng/ul
RT: 3.366 min Scan# 61
Delta R.T. -0.017 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

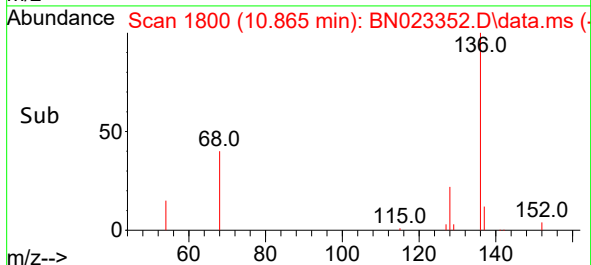
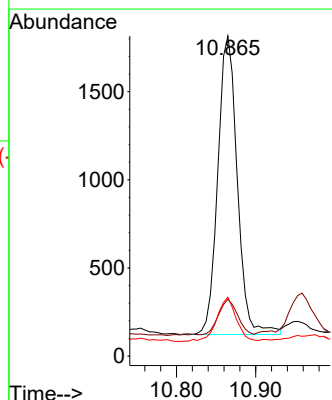
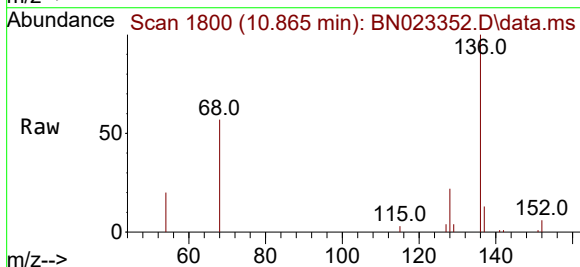
Instrument :
BNA_N
ClientSampleId :

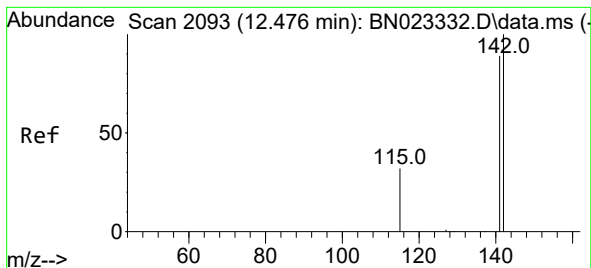
Tgt Ion: 88 Resp: 314
Ion Ratio Lower Upper
88 100
43 252.3 28.4 42.6#
58 31.6 45.6 68.4#



#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:128 Resp: 2898
Ion Ratio Lower Upper
128 100
129 17.8 9.0 13.4#
127 18.4 10.7 16.1#

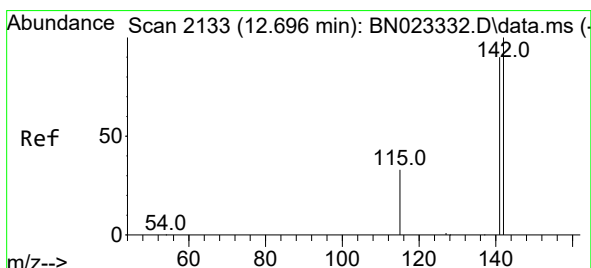
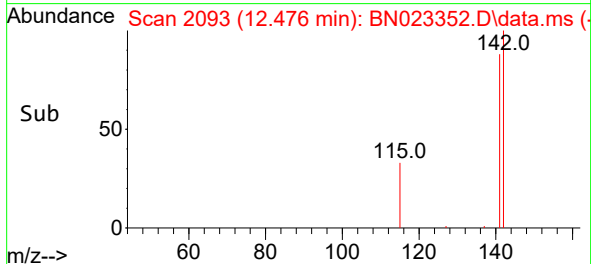
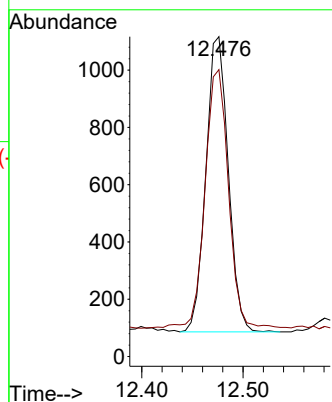
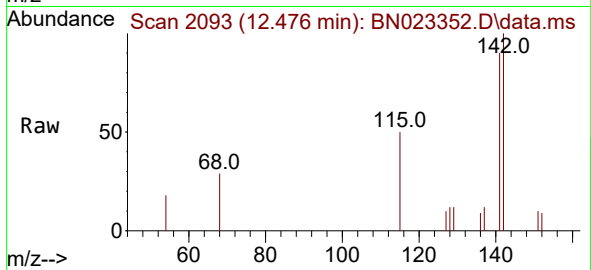




#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

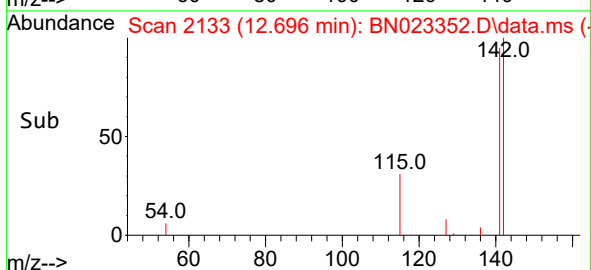
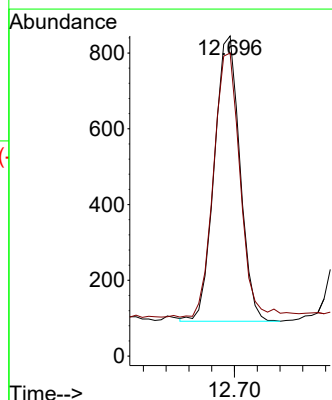
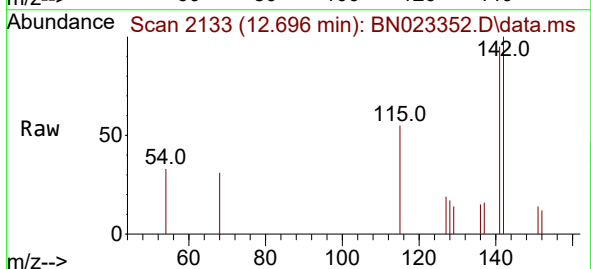
Instrument :
BNA_N
ClientSampleId :

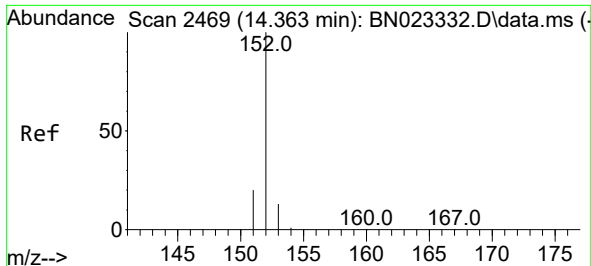
Tgt Ion:142 Resp: 1582
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:142 Resp: 1171
Ion Ratio Lower Upper
142 100
141 96.8 74.0 111.0

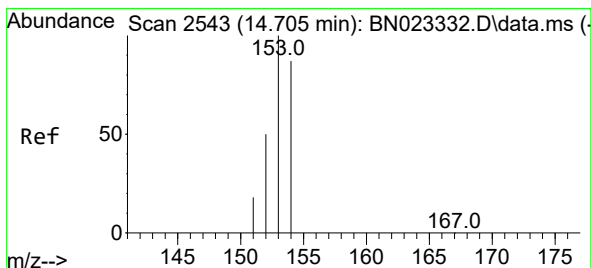
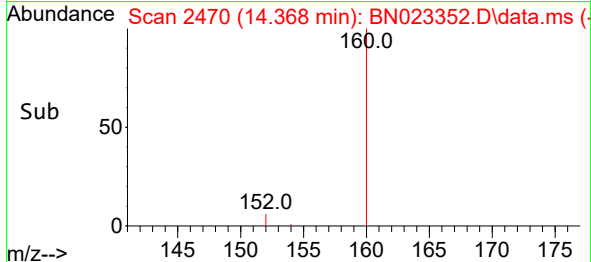
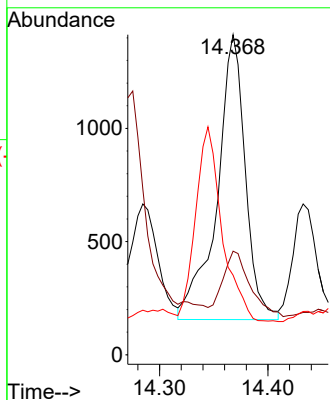
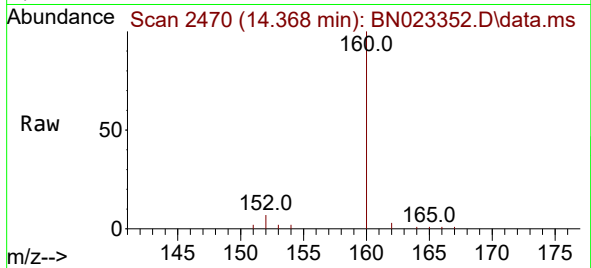




#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.368 min Scan# 2469
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

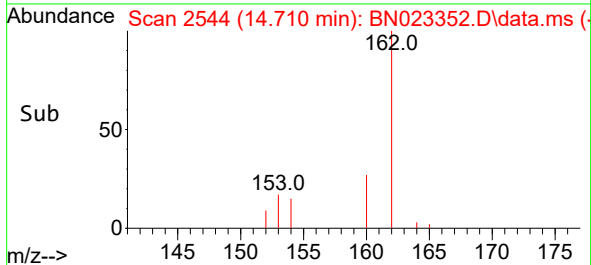
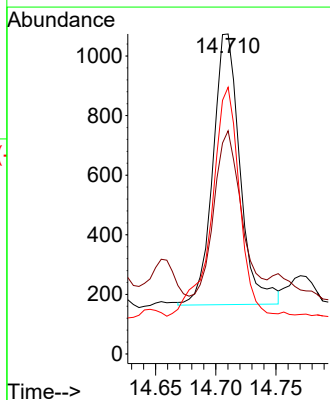
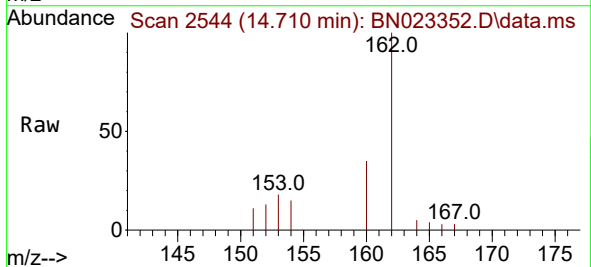
Instrument :
BNA_N
ClientSampleId :

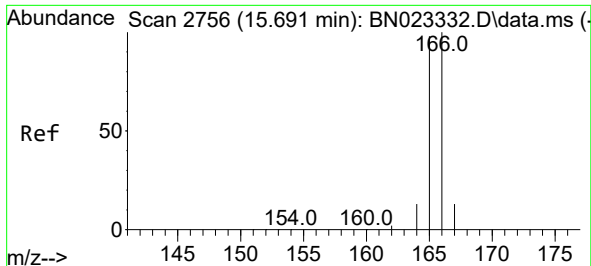
Tgt Ion:152 Resp: 2283
Ion Ratio Lower Upper
152 100
151 32.4 16.1 24.1#
153 24.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.710 min Scan# 2544
Delta R.T. 0.004 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

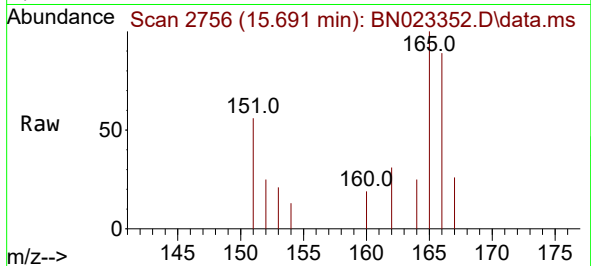
Tgt Ion:153 Resp: 1425
Ion Ratio Lower Upper
153 100
152 69.7 41.0 61.4#
154 83.3 69.5 104.3



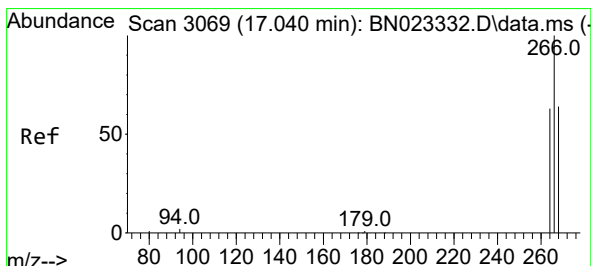
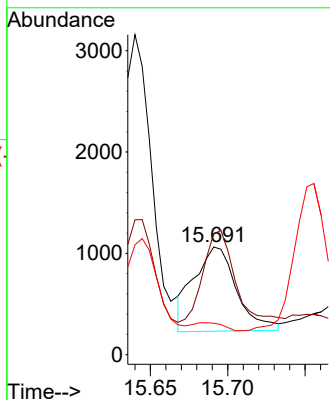
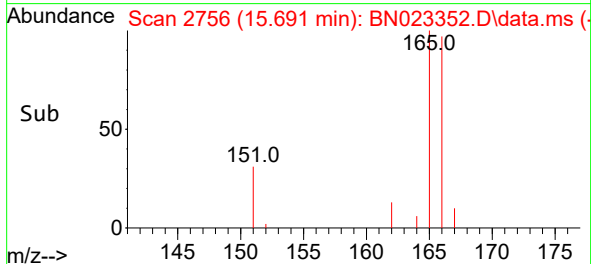


#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

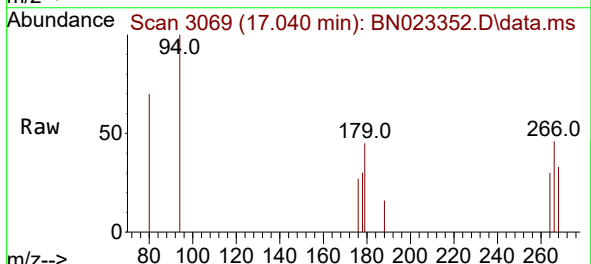
Instrument :
BNA_N
ClientSampleId :



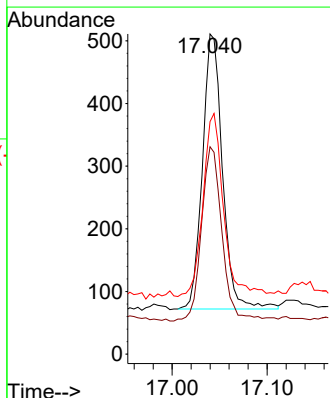
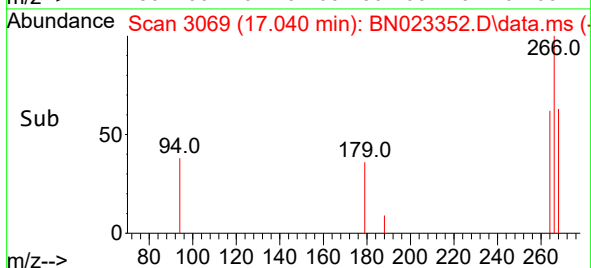
Tgt Ion:166 Resp: 1601
Ion Ratio Lower Upper
166 100
165 112.2 79.1 118.7
167 29.3 11.0 16.4#

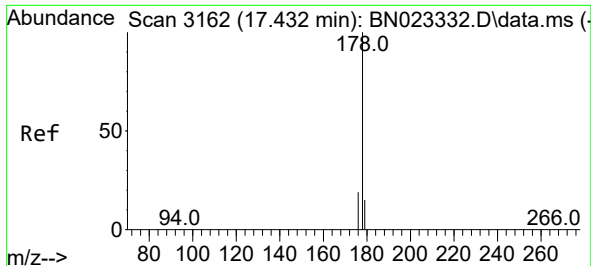


#14
Pentachlorophenol
Concen: 0.069 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03



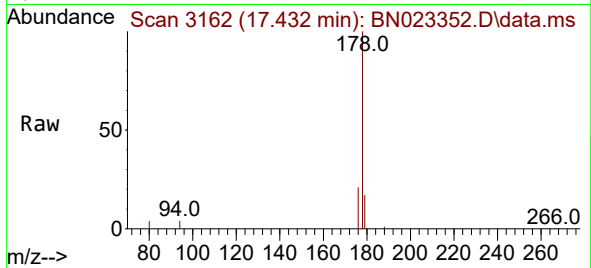
Tgt Ion:266 Resp: 645
Ion Ratio Lower Upper
266 100
264 65.0 49.8 74.6
268 69.6 51.4 77.0



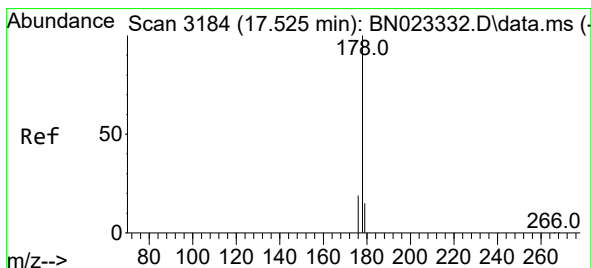
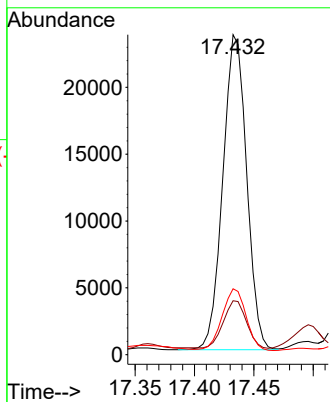
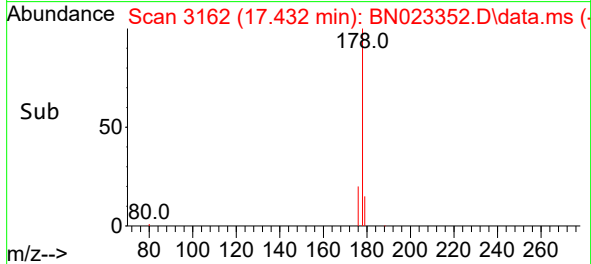


#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :

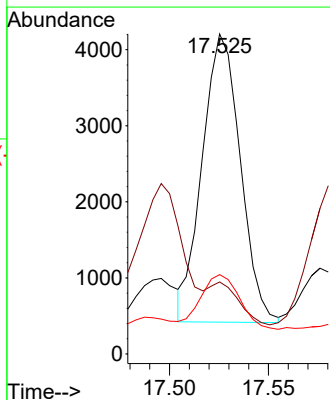
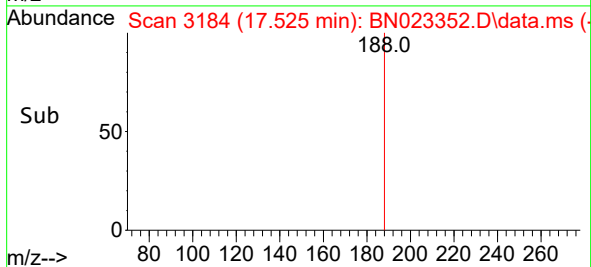
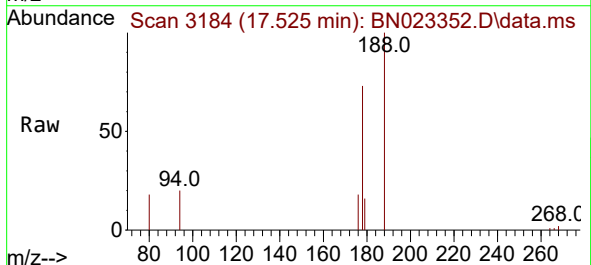


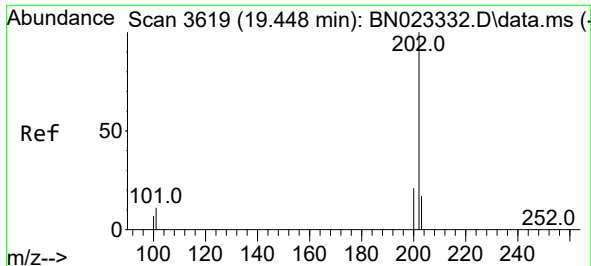
Tgt Ion:178 Resp: 32891
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 20.6 15.7 23.5



#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:178 Resp: 5066
Ion Ratio Lower Upper
178 100
179 22.5 12.6 18.8#
176 24.8 15.4 23.0#

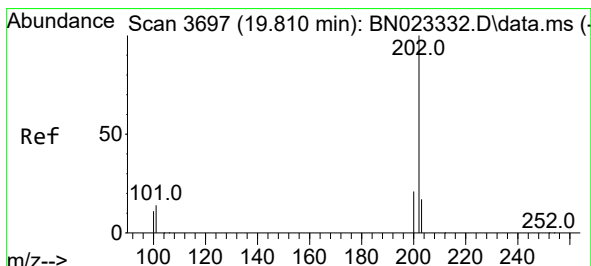
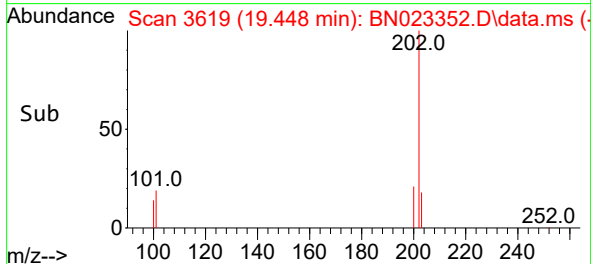
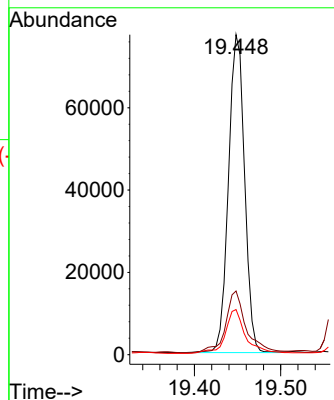
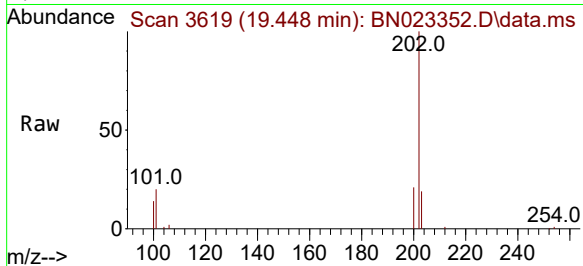




#19
Fluoranthene
Concen: 0.604 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

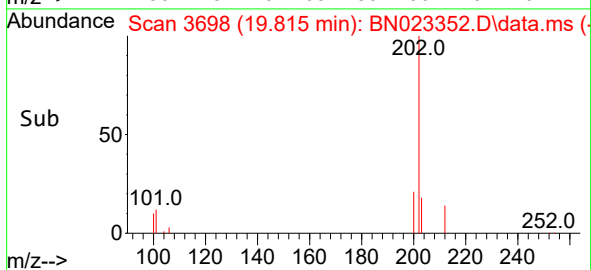
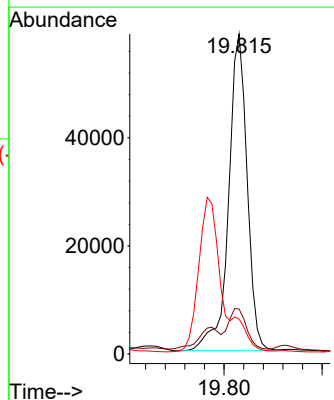
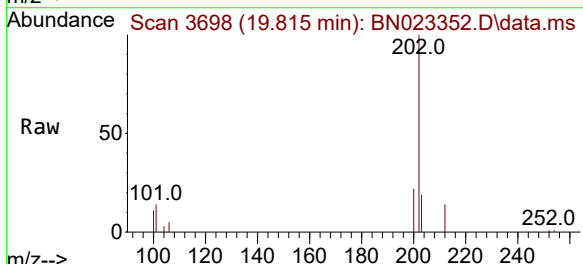
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BNA_N
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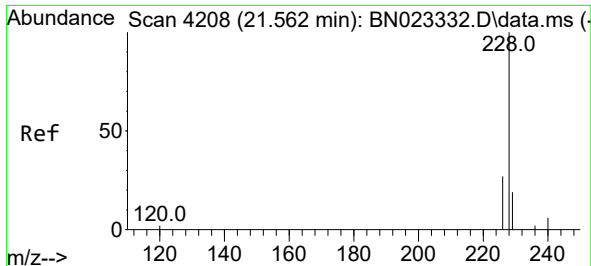
Tgt Ion:202 Resp: 100592
Ion Ratio Lower Upper
202 100
101 19.9 9.4 14.2#
100 14.1 7.0 10.6#



#20
Pyrene
Concen: 0.460 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

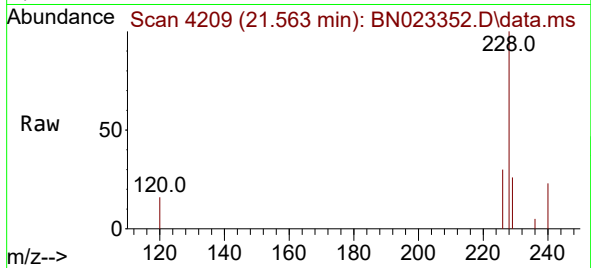
Tgt Ion:202 Resp: 77304
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 10.9 9.0 13.4



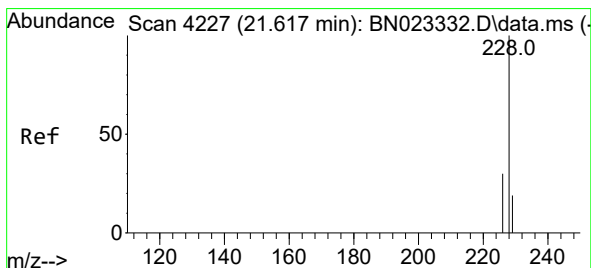
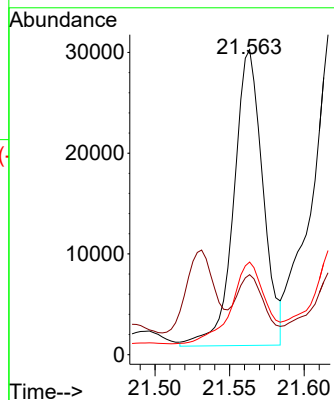


#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.563 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :

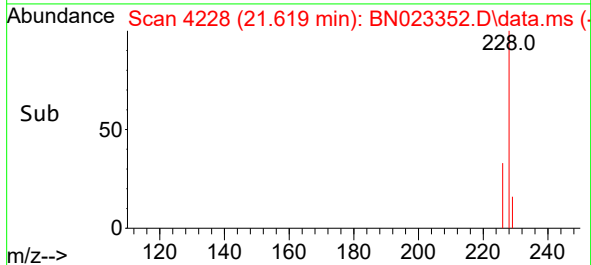
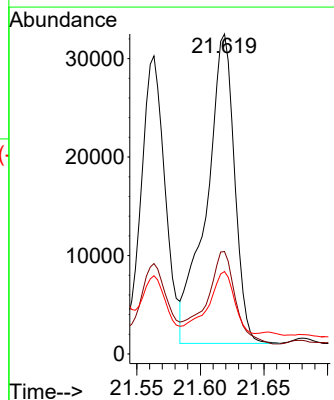
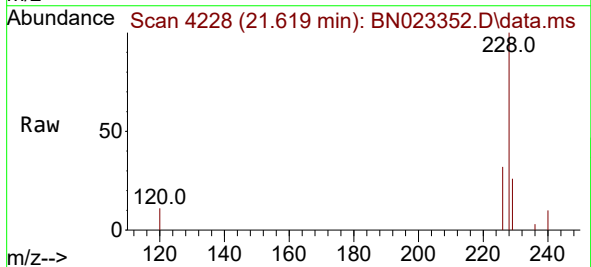


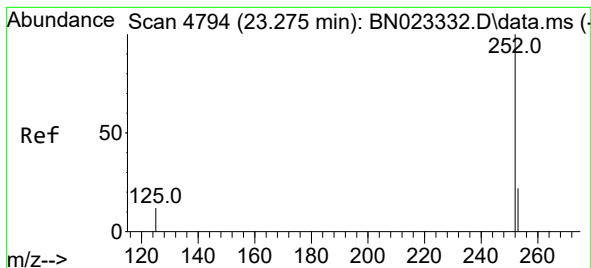
Tgt Ion:228 Resp: 39816
Ion Ratio Lower Upper
228 100
229 26.2 15.6 23.4#
226 30.4 22.2 33.2



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.002 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:228 Resp: 48098
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 25.8 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.850 ng/ul

RT: 23.282 min Scan# 4797

Delta R.T. 0.008 min

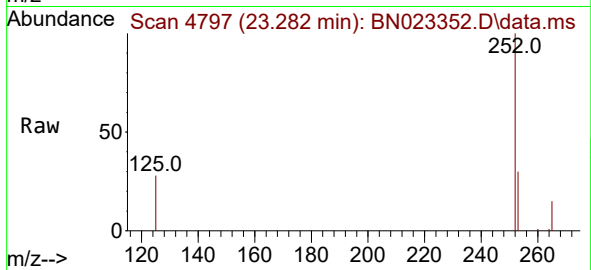
Lab File: BN023352.D

Acq: 22 Dec 2022 23:03

Instrument :

BNA_N

ClientSampleId :



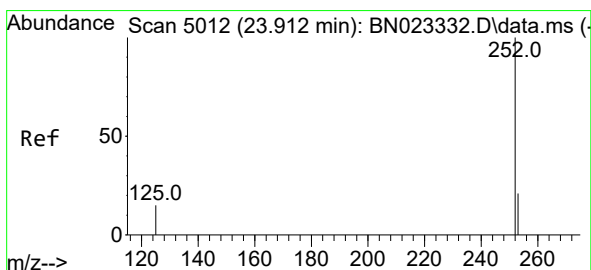
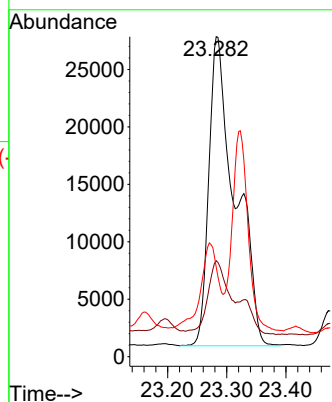
Tgt Ion:252 Resp: 83279

Ion Ratio Lower Upper

252 100

253 30.0 0.0 49.2

125 28.0 0.0 31.8



#26

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.925 min Scan# 5017

Delta R.T. 0.011 min

Lab File: BN023352.D

Acq: 22 Dec 2022 23:03

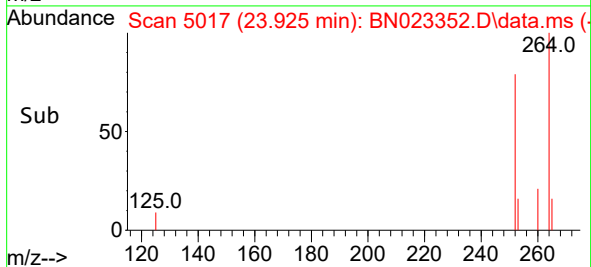
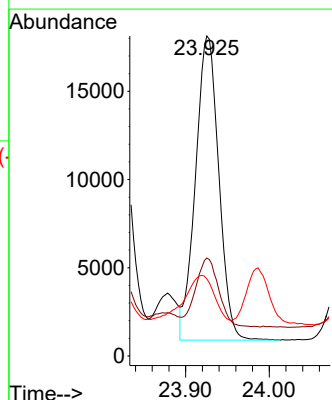
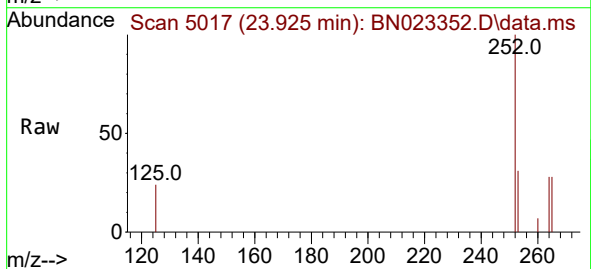
Tgt Ion:252 Resp: 33306

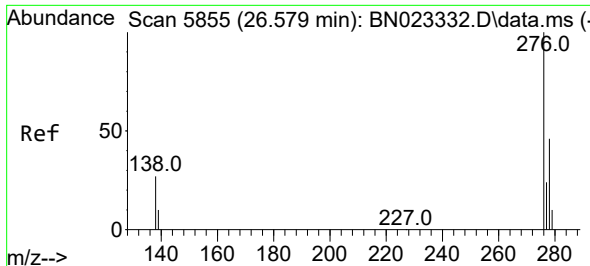
Ion Ratio Lower Upper

252 100

253 30.6 21.4 32.2

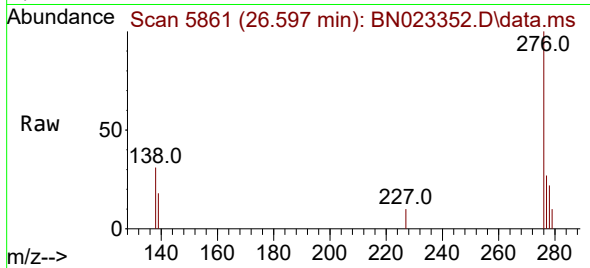
125 24.1 16.2 24.4



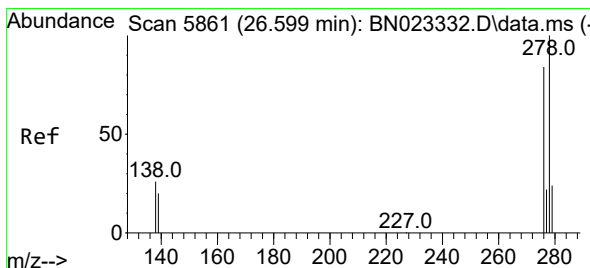
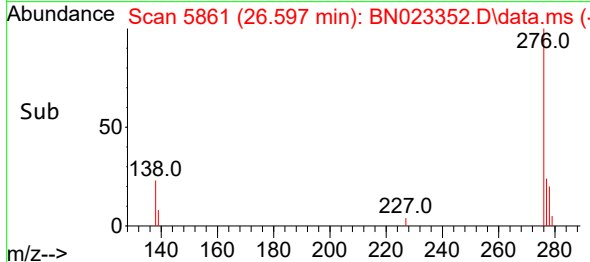
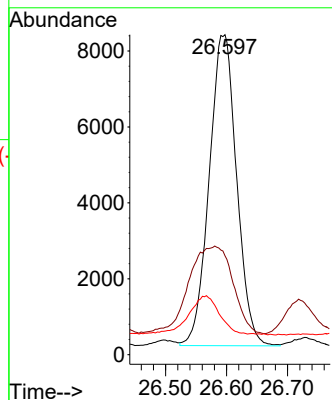


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.283 ng/ul
 RT: 26.597 min Scan# 5861
 Delta R.T. 0.019 min
 Lab File: BN023352.D
 Acq: 22 Dec 2022 23:03

Instrument :
 BNA_N
 ClientSampleId :

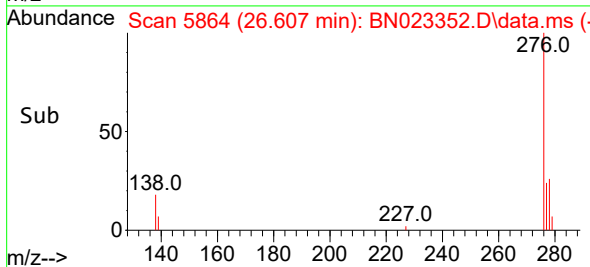
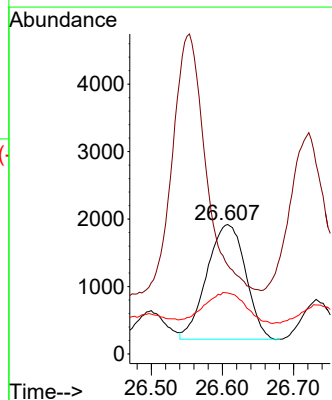
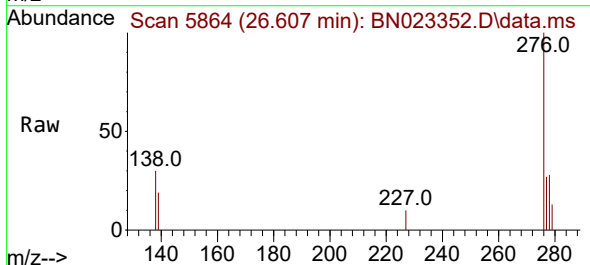


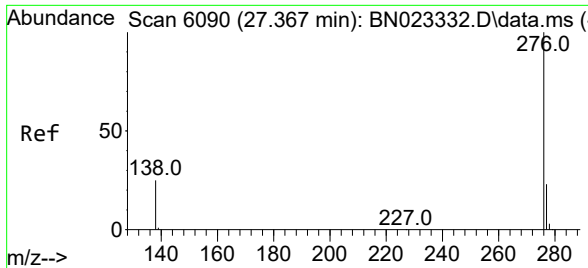
Tgt Ion:276 Resp: 25616
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.4 35.2#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/ul
 RT: 26.607 min Scan# 5864
 Delta R.T. 0.006 min
 Lab File: BN023352.D
 Acq: 22 Dec 2022 23:03

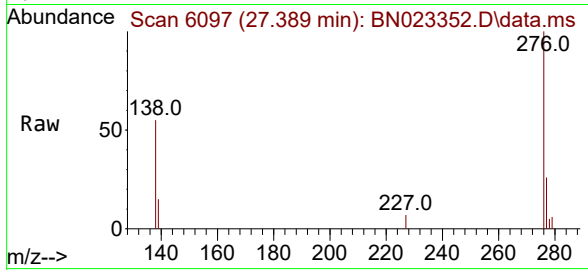
Tgt Ion:278 Resp: 6438
 Ion Ratio Lower Upper
 278 100
 139 68.6 16.6 24.8#
 279 47.2 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.319 ng/ul
 RT: 27.389 min Scan# 6097
 Delta R.T. 0.019 min
 Lab File: BN023352.D
 Acq: 22 Dec 2022 23:03

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 23556
 Ion Ratio Lower Upper
 276 100
 138 55.4 20.3 30.5#
 277 26.4 19.7 29.5

