

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022223\
 Data File : BN024089.D
 Acq On : 22 Feb 2023 15:19
 Operator : CG/JU
 Sample : SP6133
 Misc : SFAM SIM SPIKE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6133

Quant Time: Feb 23 02:35:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

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

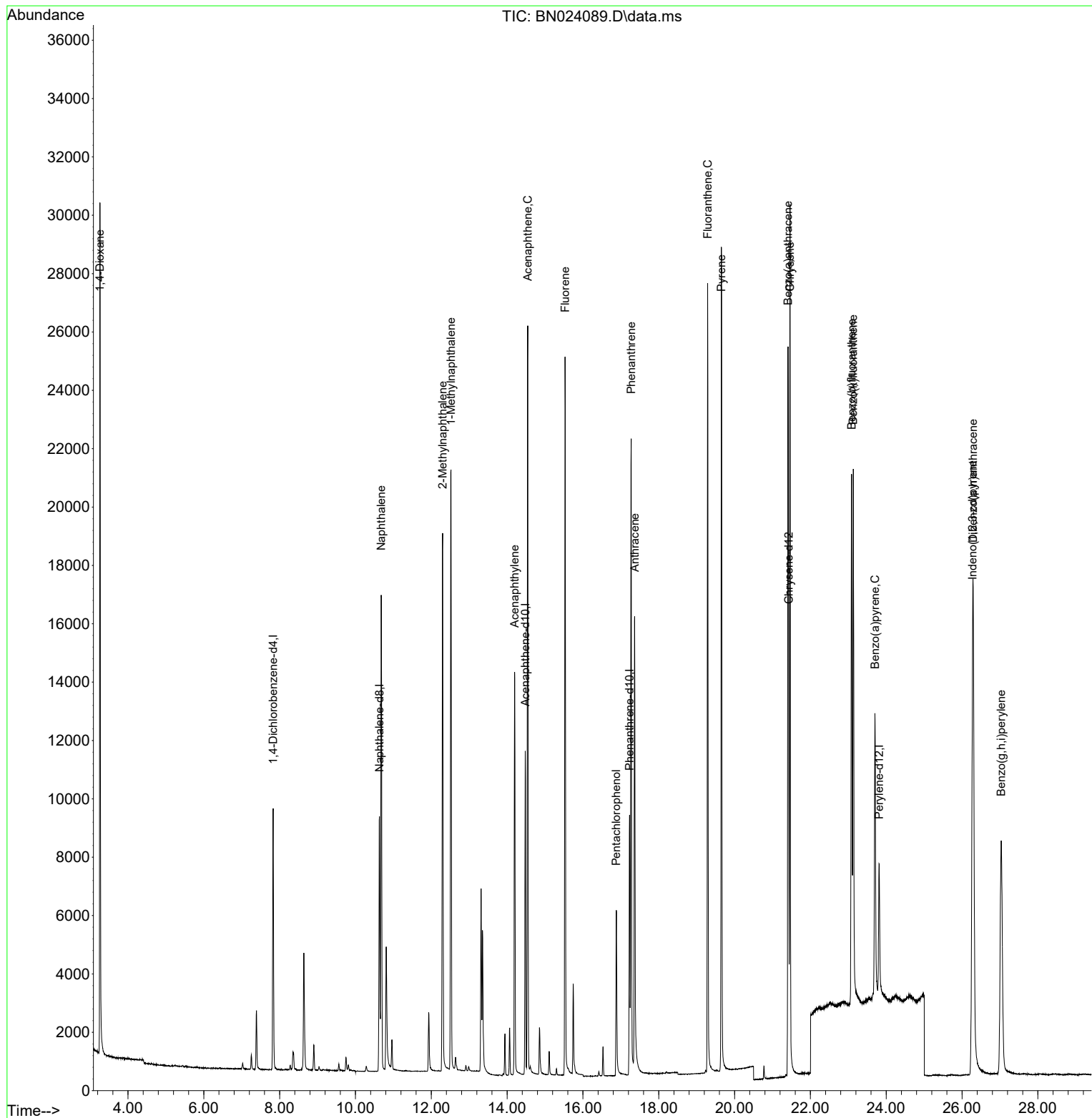
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4595	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11531	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	5749	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	10721	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.426	240	8980	0.400	ng/ul	# 0.00
23) Perylene-d12	23.811	264	6637	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	16	0.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	7	0.000	ng/ul	-0.03
18) Fluoranthene-d10	19.262	212	18	0.001	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	18190	3.485	ng/ul#	77
5) Naphthalene	10.678	128	22147	0.702	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	13068	0.637	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	13799	0.657	ng/ul	100
10) Acenaphthylene	14.196	152	15999	0.727	ng/ul	98
11) Acenaphthene	14.543	153	14159	0.732	ng/ul	98
12) Fluorene	15.529	166	15484	0.662	ng/ul	98
14) Pentachlorophenol	16.879	266	4100	1.159	ng/ul	98
15) Phenanthrene	17.272	178	23349	0.730	ng/ul	100
16) Anthracene	17.365	178	18970	0.709	ng/ul	99
19) Fluoranthene	19.290	202	23726	0.795	ng/ul#	96
20) Pyrene	19.653	202	24556	0.794	ng/ul#	93
21) Benzo(a)anthracene	21.408	228	21090	0.691	ng/ul	100
22) Chrysene	21.461	228	24286	0.756	ng/ul	99
24) Benzo(b)fluoranthene	23.086	252	23619	0.806	ng/ul	97
25) Benzo(k)fluoranthene	23.130	252	23659	0.825	ng/ul	98
26) Benzo(a)pyrene	23.703	252	17527	0.718	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.278	276	25853	0.754	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.292	278	20619	0.752	ng/ul	97
29) Benzo(g,h,i)perylene	27.033	276	23030	0.817	ng/ul	96

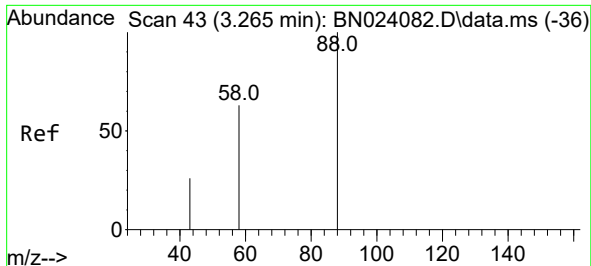
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2
1,4-Dioxane

Concen: 3.485 ng/ul

RT: 3.260 min Scan# 43

Delta R.T. -0.004 min

Lab File: BN024089.D

Acq: 22 Feb 2023 15:19

Instrument :

BNA_N

ClientSampleId :

SP6133

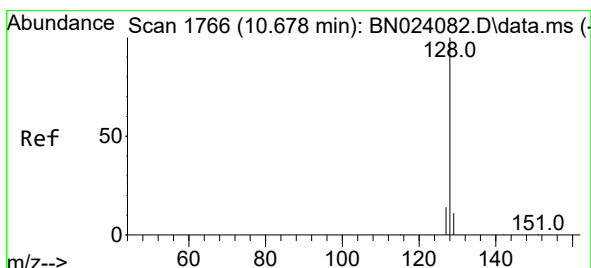
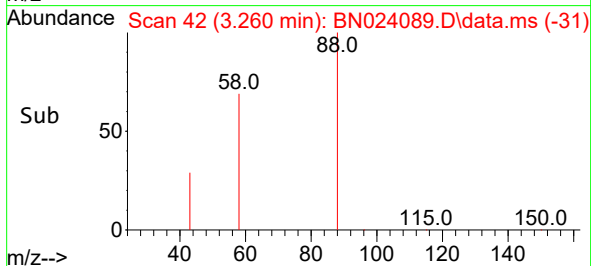
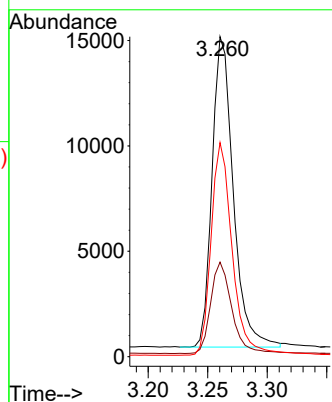
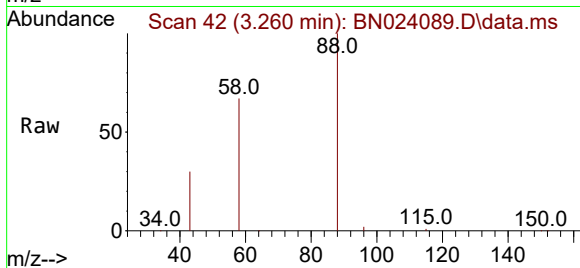
Tgt Ion: 88 Resp: 18190

Ion Ratio Lower Upper

88 100

43 29.6 41.9 62.9#

58 66.9 45.6 68.4



#5
Naphthalene

Concen: 0.702 ng/ul

RT: 10.678 min Scan# 1766

Delta R.T. -0.011 min

Lab File: BN024089.D

Acq: 22 Feb 2023 15:19

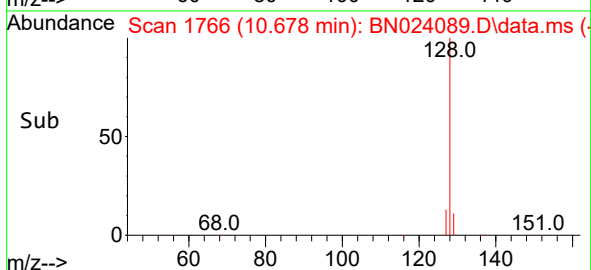
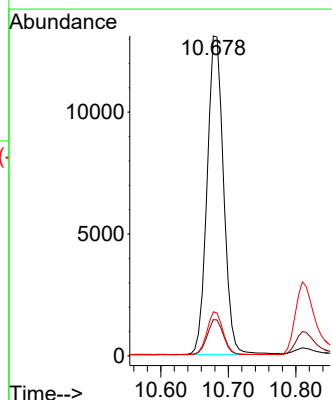
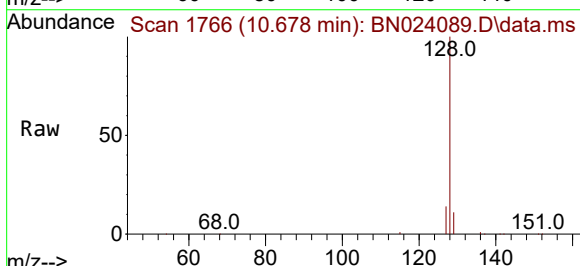
Tgt Ion:128 Resp: 22147

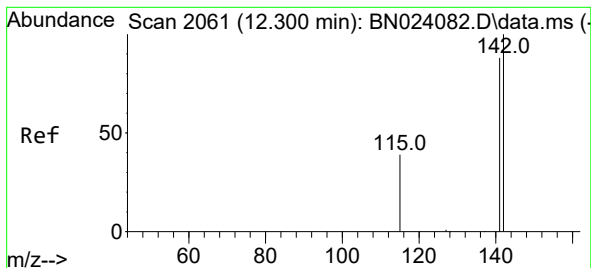
Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

127 13.8 11.1 16.7

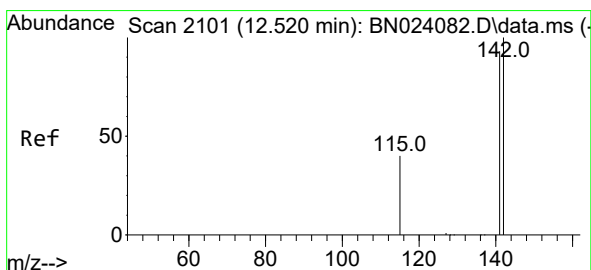
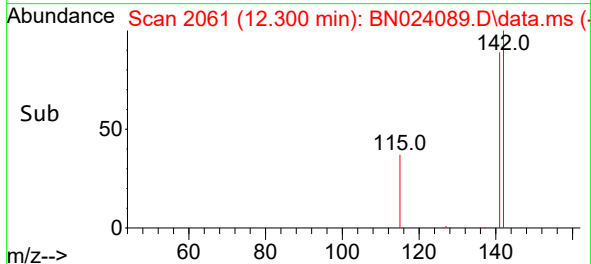
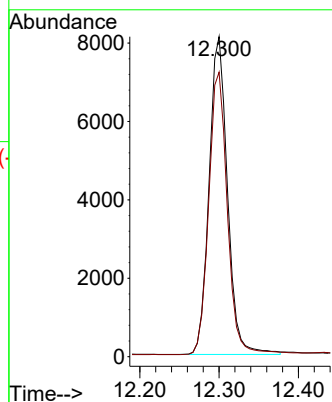
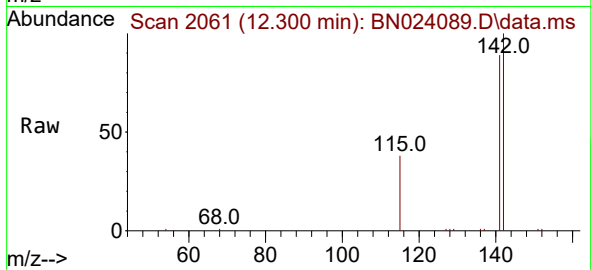




#7
2-Methylnaphthalene
Concen: 0.637 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

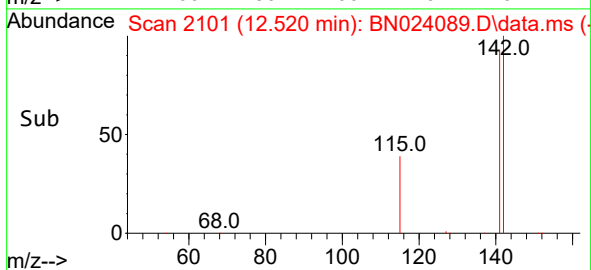
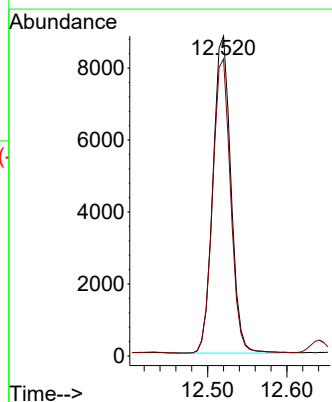
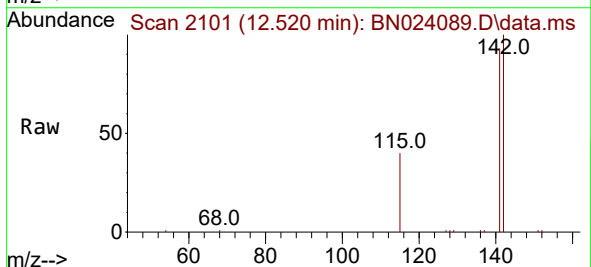
Instrument :
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SP6133

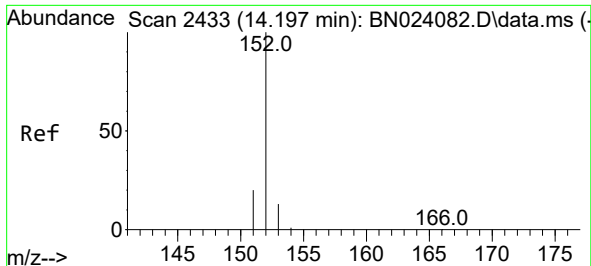
Tgt Ion:142 Resp: 13068
Ion Ratio Lower Upper
142 100
141 90.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.657 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Tgt Ion:142 Resp: 13799
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

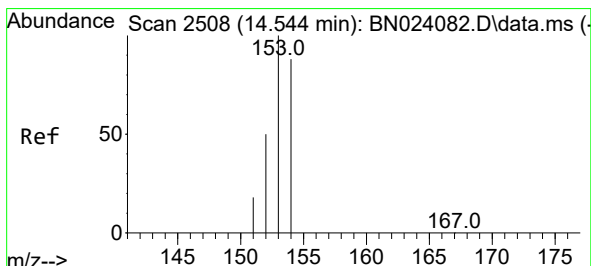
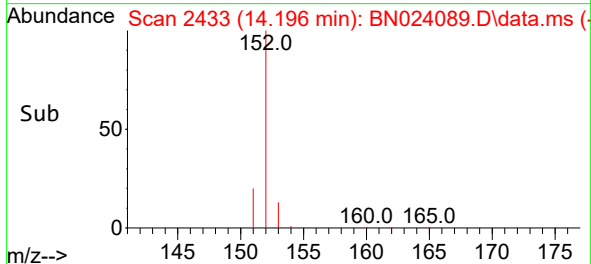
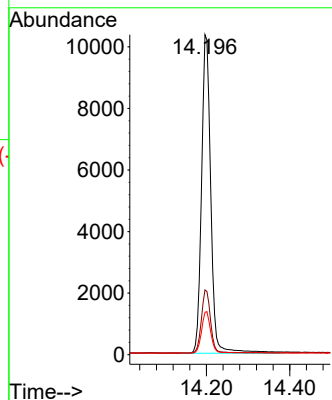
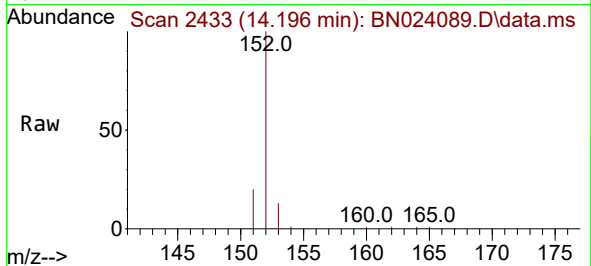




#10
Acenaphthylene
Concen: 0.727 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.014 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

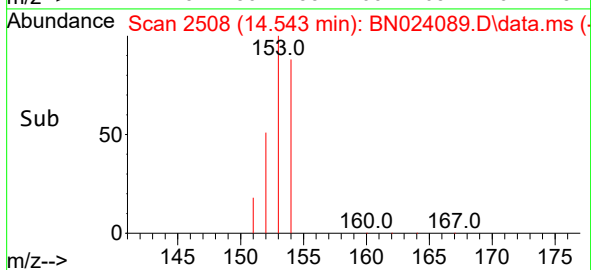
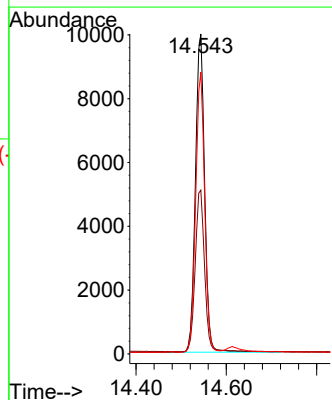
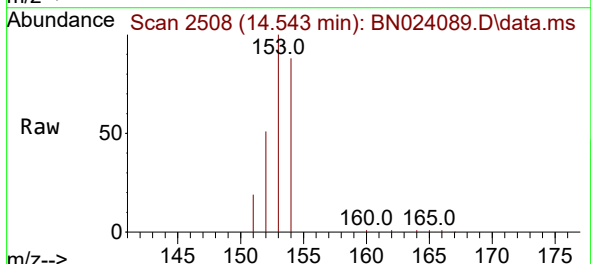
Instrument :
BNA_N
ClientSampleId :
SP6133

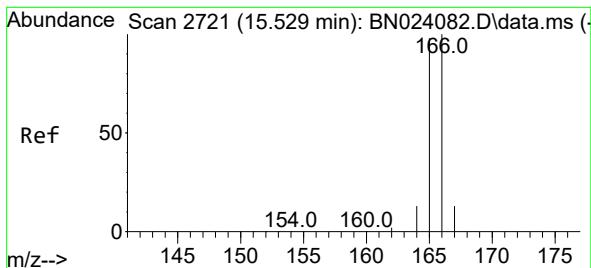
Tgt Ion:152 Resp: 15999
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.732 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Tgt Ion:153 Resp: 14159
Ion Ratio Lower Upper
153 100
152 51.2 39.6 59.4
154 88.0 68.8 103.2





#12

Fluorene

Concen: 0.662 ng/ul

RT: 15.529 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN024089.D

Acq: 22 Feb 2023 15:19

Instrument :

BNA_N

ClientSampleId :

SP6133

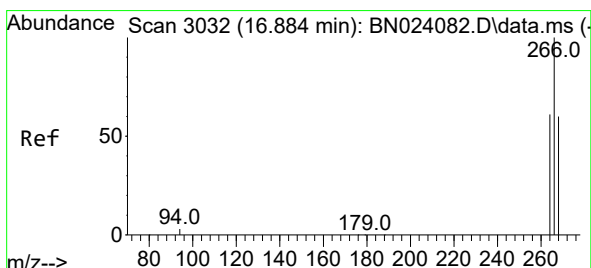
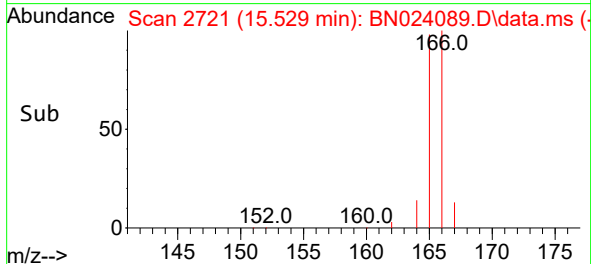
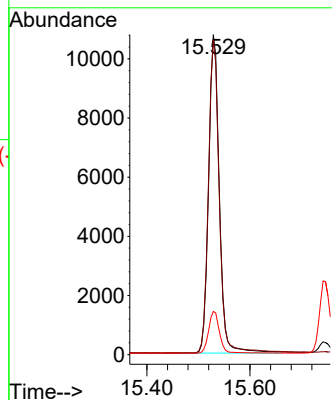
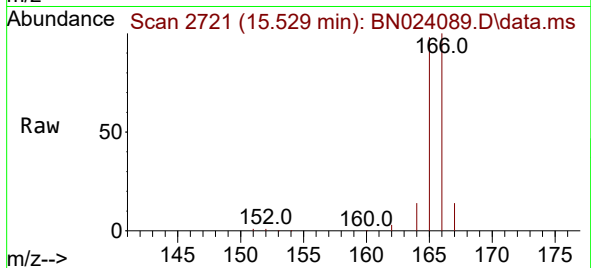
Tgt Ion:166 Resp: 15484

Ion Ratio Lower Upper

166 100

165 98.4 77.4 116.2

167 13.5 11.4 17.0



#14

Pentachlorophenol

Concen: 1.159 ng/ul

RT: 16.879 min Scan# 3031

Delta R.T. -0.013 min

Lab File: BN024089.D

Acq: 22 Feb 2023 15:19

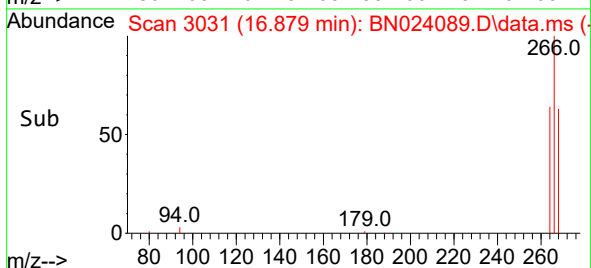
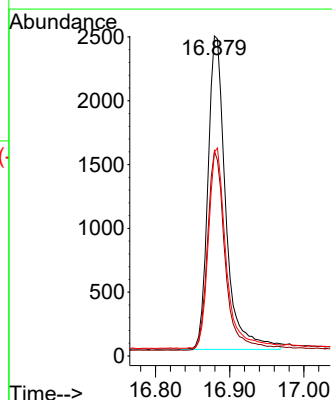
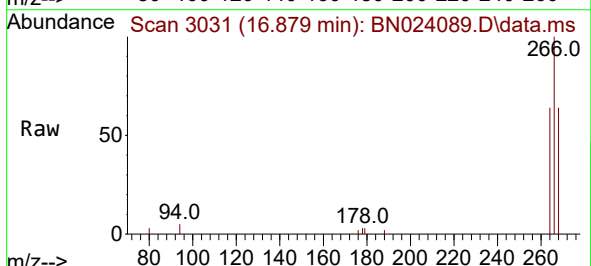
Tgt Ion:266 Resp: 4100

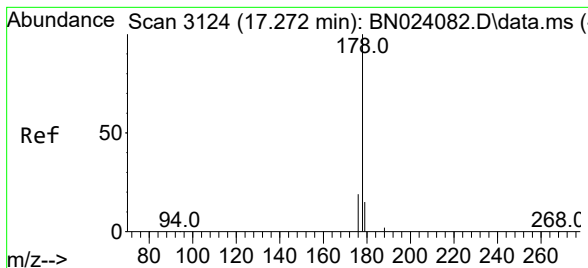
Ion Ratio Lower Upper

266 100

264 63.0 49.4 74.0

268 63.5 52.0 78.0





#15

Phenanthrene

Concen: 0.730 ng/ul

RT: 17.272 min Scan# 3124

Delta R.T. -0.008 min

Lab File: BN024089.D

Acq: 22 Feb 2023 15:19

Instrument :

BNA_N

ClientSampleId :

SP6133

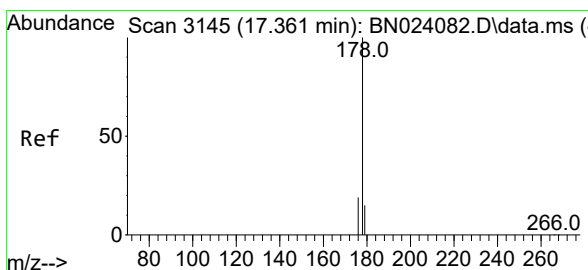
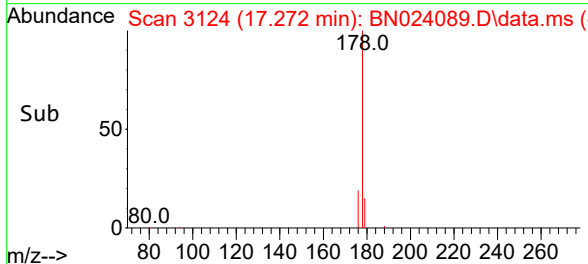
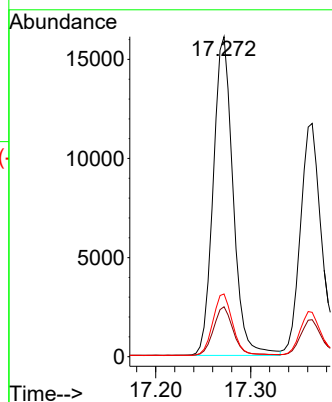
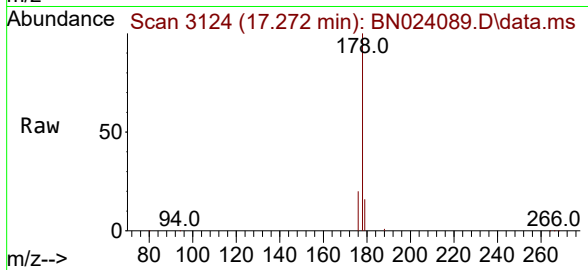
Tgt Ion:178 Resp: 23349

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.709 ng/ul

RT: 17.365 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BN024089.D

Acq: 22 Feb 2023 15:19

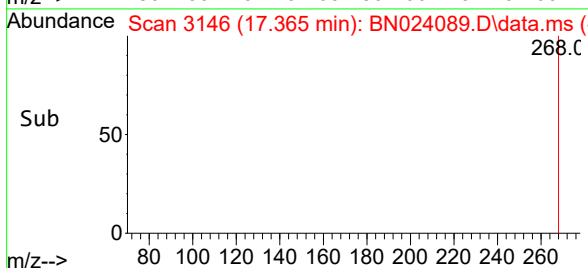
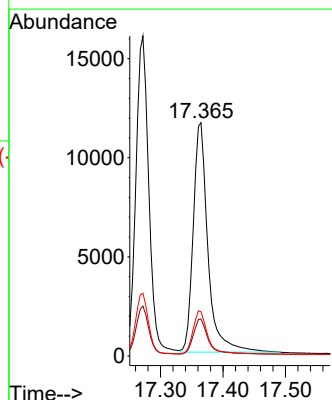
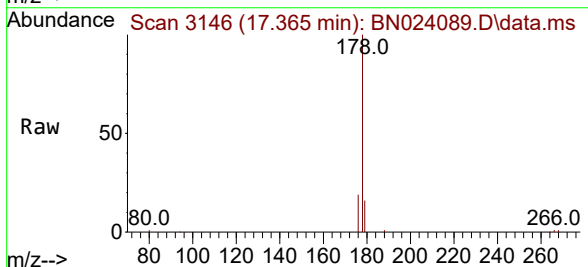
Tgt Ion:178 Resp: 18970

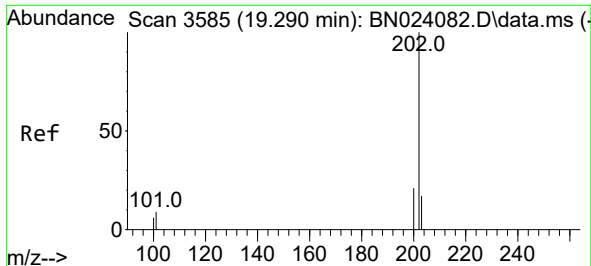
Ion Ratio Lower Upper

178 100

179 15.8 13.4 20.0

176 19.0 15.4 23.2

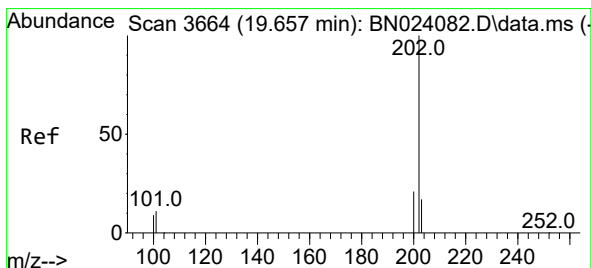
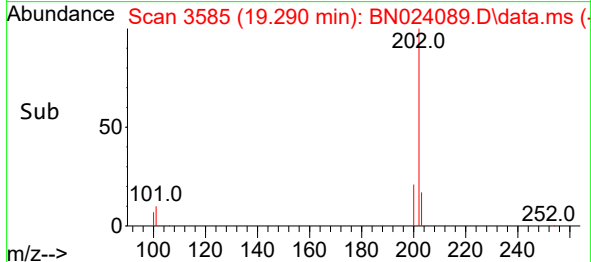
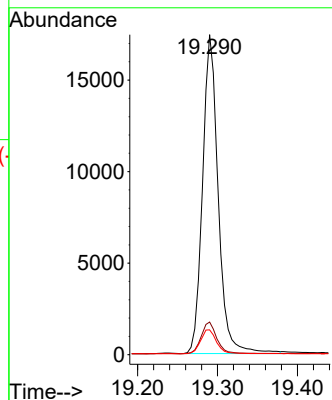
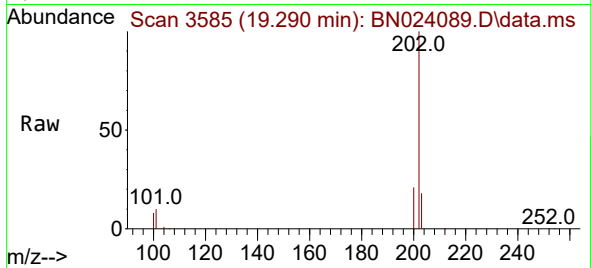




#19
Fluoranthene
Concen: 0.795 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

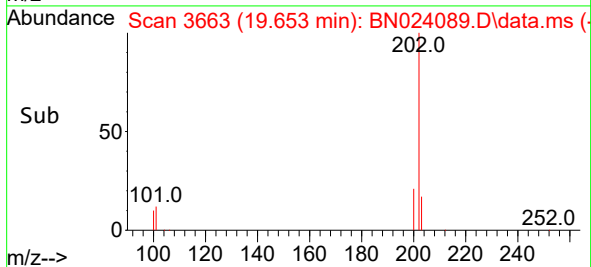
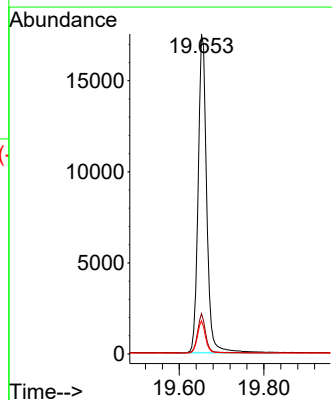
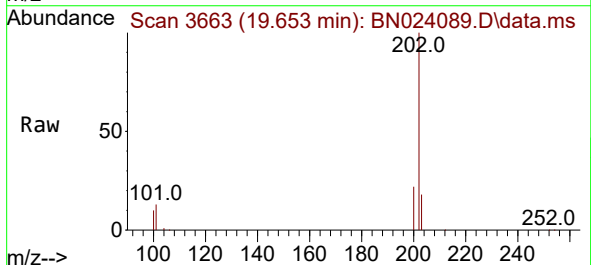
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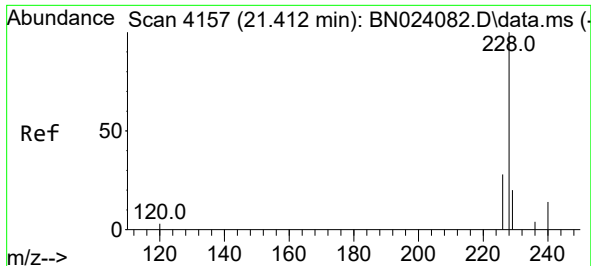
Tgt Ion:202 Resp: 23726
Ion Ratio Lower Upper
202 100
101 10.2 6.8 10.2#
100 7.7 5.2 7.8



#20
Pyrene
Concen: 0.794 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Tgt Ion:202 Resp: 24556
Ion Ratio Lower Upper
202 100
101 12.6 8.1 12.1#
100 10.4 6.2 9.4#

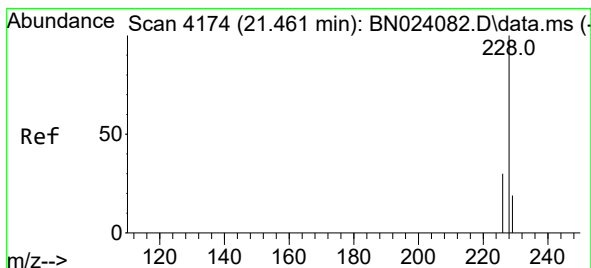
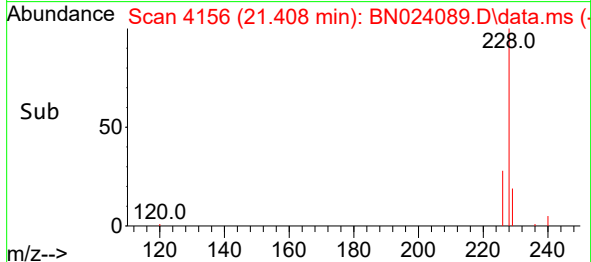
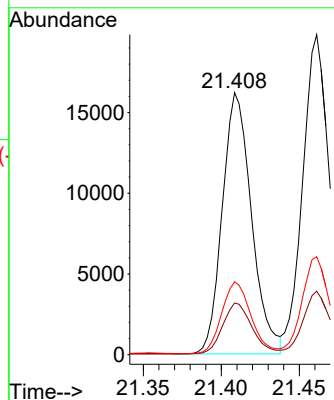
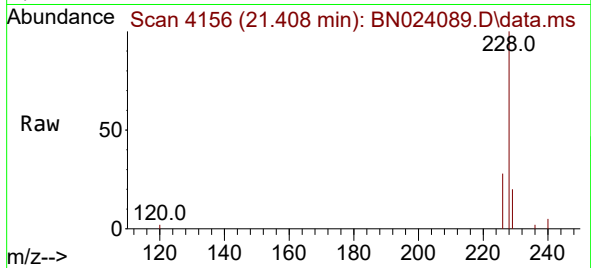




#21
Benzo(a)anthracene
Concen: 0.691 ng/ul
RT: 21.408 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

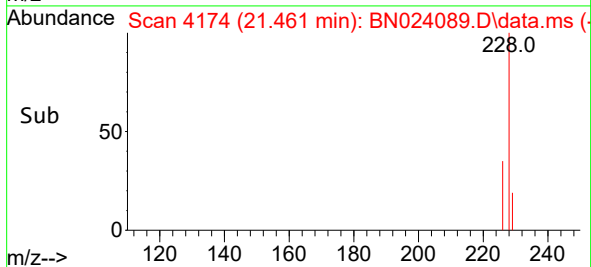
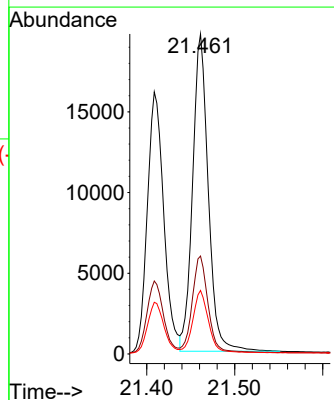
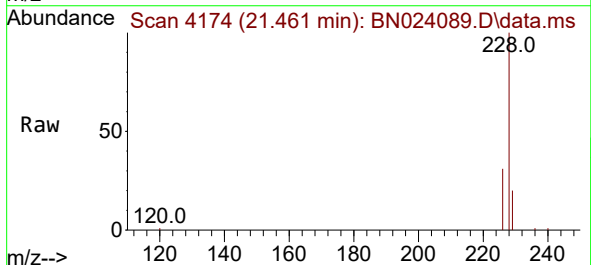
Instrument :
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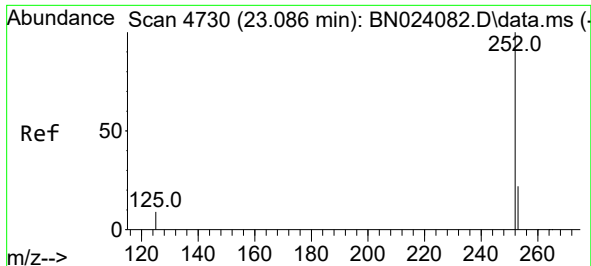
Tgt Ion:228 Resp: 21090
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.756 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Tgt Ion:228 Resp: 24286
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.8 15.5 23.3

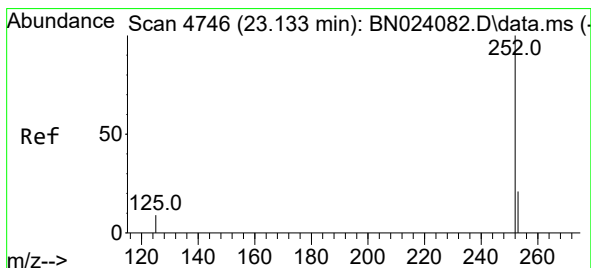
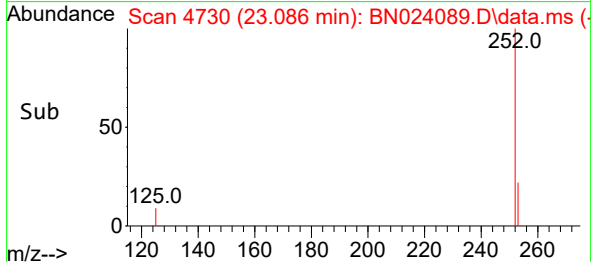
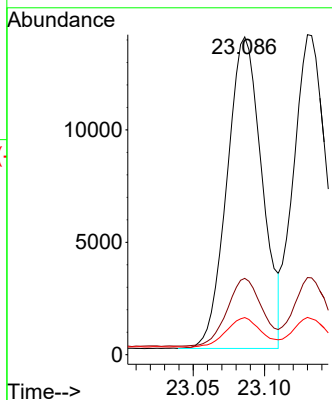
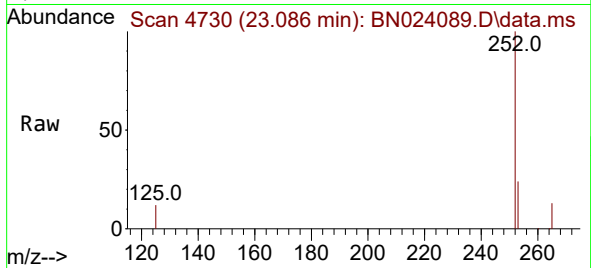




#24
Benzo(b)fluoranthene
Concen: 0.806 ng/ul
RT: 23.086 min Scan# 4730
Delta R.T. -0.006 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

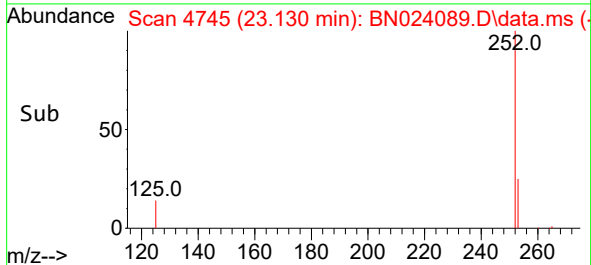
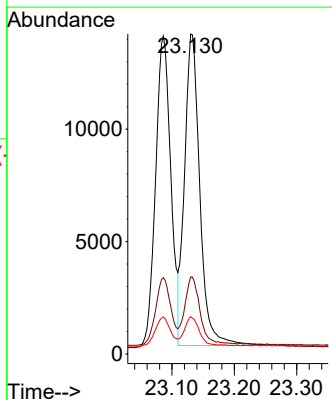
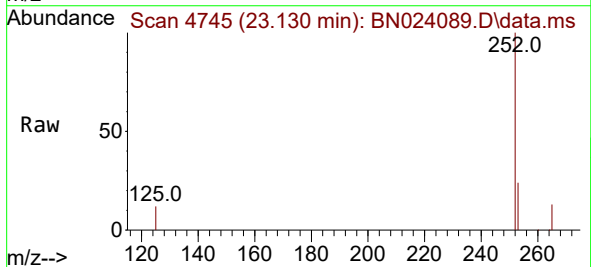
Instrument :
BNA_N
ClientSampleId :
SP6133

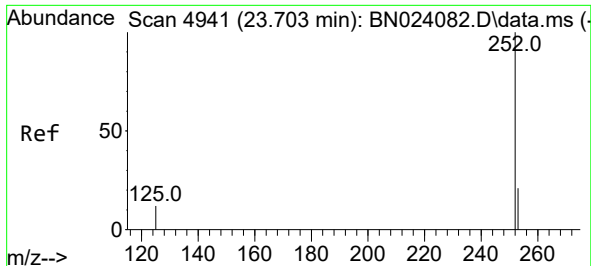
Tgt Ion:252 Resp: 23619
Ion Ratio Lower Upper
252 100
253 24.0 0.0 51.8
125 11.7 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.825 ng/ul
RT: 23.130 min Scan# 4745
Delta R.T. -0.009 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

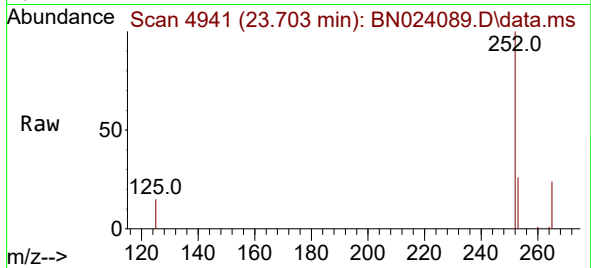
Tgt Ion:252 Resp: 23659
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.2
125 11.6 9.0 13.4



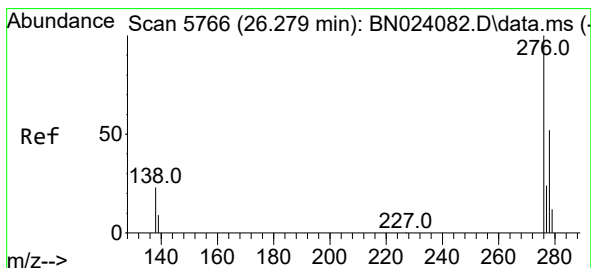
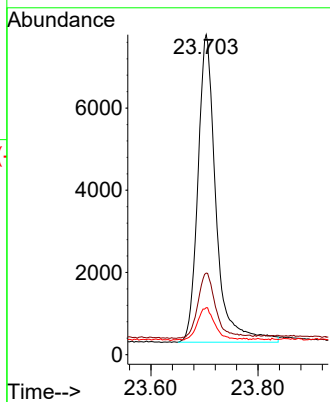
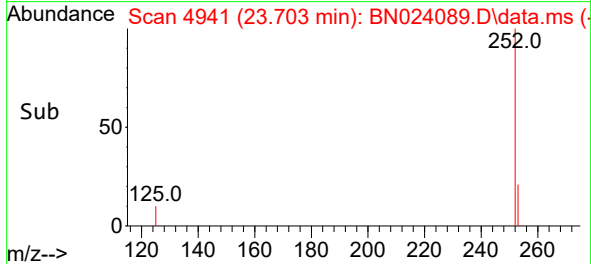


#26
Benzo(a)pyrene
Concen: 0.718 ng/ul
RT: 23.703 min Scan# 4941
Delta R.T. -0.003 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Instrument :
BNA_N
ClientSampleId :
SP6133

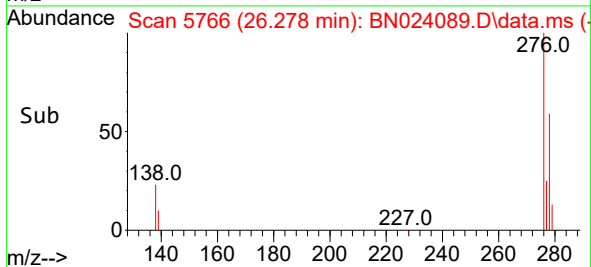
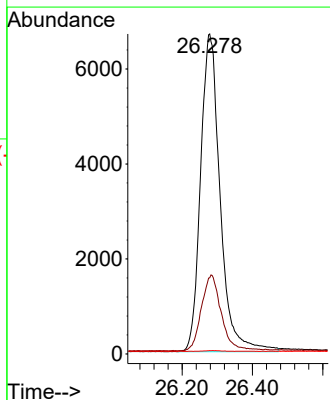
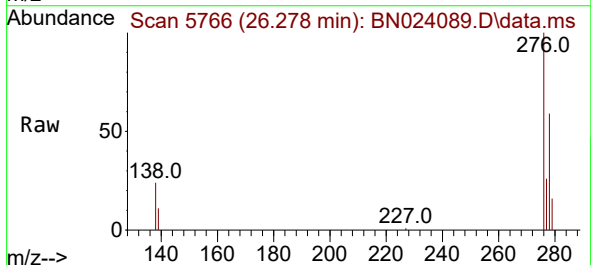


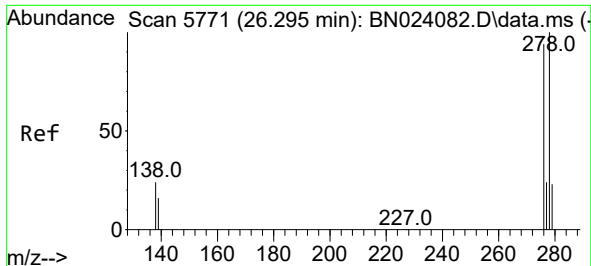
Tgt Ion:	252	Resp:	17527
Ion Ratio	Lower	Upper	
252	100		
253	25.5	21.5	32.3
125	14.7	11.2	16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.754 ng/ul
RT: 26.278 min Scan# 5766
Delta R.T. -0.013 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Tgt Ion:	276	Resp:	25853
Ion Ratio	Lower	Upper	
276	100		
138	24.1	17.0	25.6
227	0.2	0.2	0.4

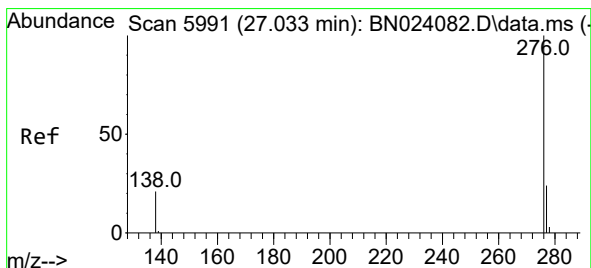
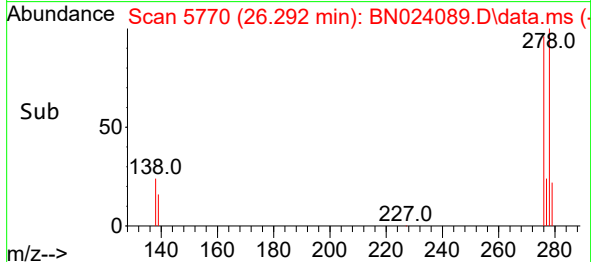
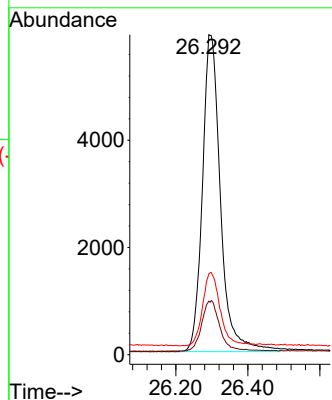
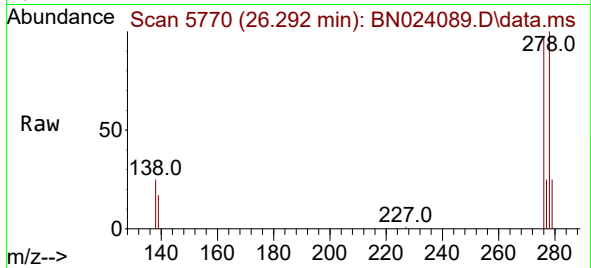




#28
Dibenzo(a,h)anthracene
Concen: 0.752 ng/ul
RT: 26.292 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Instrument :
BNA_N
ClientSampleId :
SP6133

Tgt Ion:278 Resp: 20619
Ion Ratio Lower Upper
278 100
139 16.7 12.3 18.5
279 25.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.817 ng/ul
RT: 27.033 min Scan# 5991
Delta R.T. -0.013 min
Lab File: BN024089.D
Acq: 22 Feb 2023 15:19

Tgt Ion:276 Resp: 23030
Ion Ratio Lower Upper
276 100
138 21.1 15.3 22.9
277 23.5 19.9 29.9

