

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027695.D
 Acq On : 15 Sep 2023 14:37
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV208

Quant Time: Sep 16 01:12:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 01:11:24 2023
 Response via : Initial Calibration

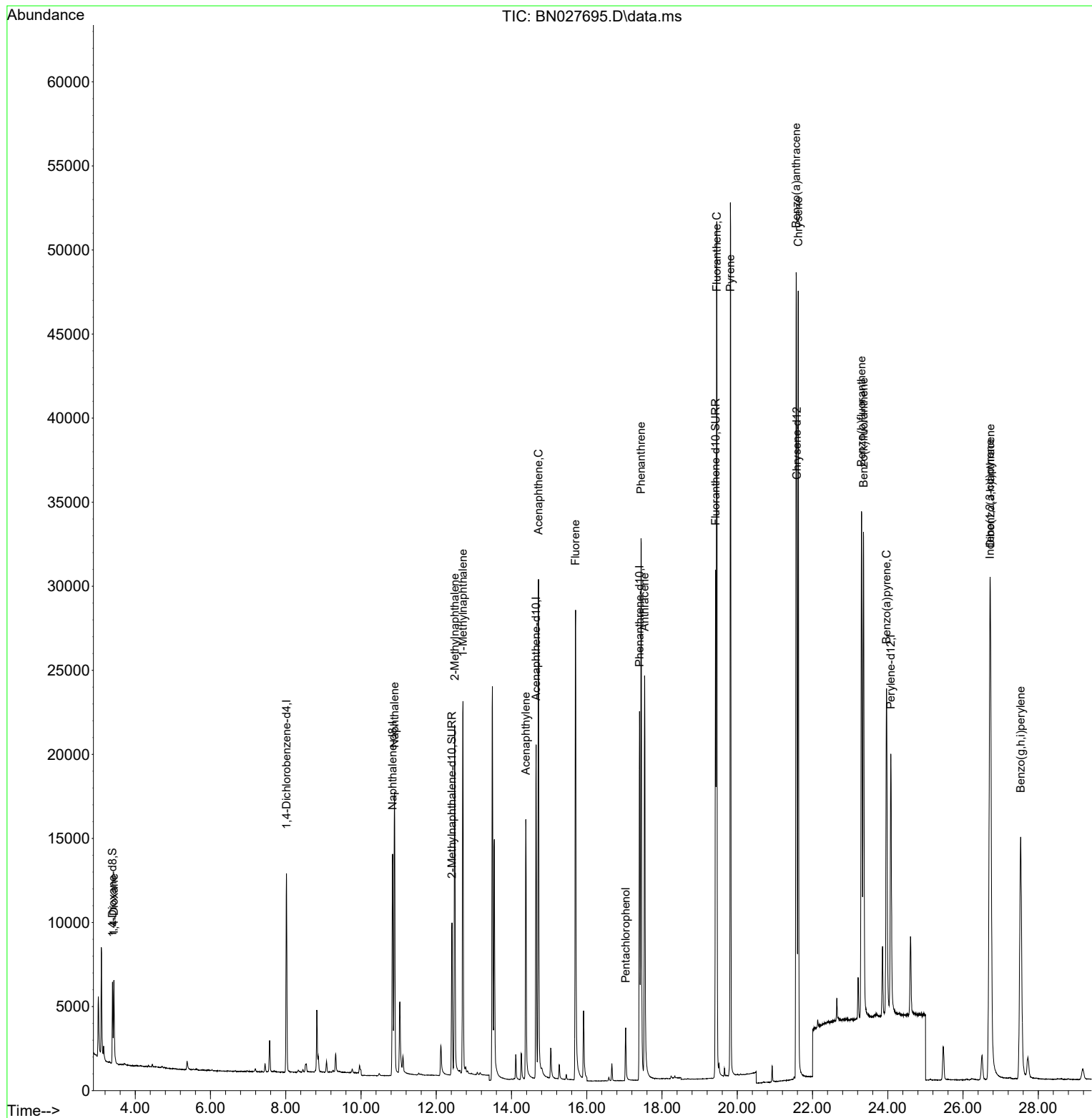
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	6109	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	19429	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	11153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	27374	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	25481	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	23626	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	3293	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	12583	0.427	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	32710	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	3495	0.436	ng/ul#	90
5) Naphthalene	10.889	128	23735	0.427	ng/ul	100
7) 2-Methylnaphthalene	12.489	142	15137	0.430	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	15609	0.429	ng/ul	100
10) Acenaphthylene	14.379	152	20391	0.419	ng/ul	99
11) Acenaphthene	14.717	153	18138	0.431	ng/ul	99
12) Fluorene	15.702	166	21031	0.425	ng/ul	98
14) Pentachlorophenol	17.033	266	2356	0.368	ng/ul	99
15) Phenanthrene	17.443	178	36523	0.425	ng/ul	100
16) Anthracene	17.536	178	30152	0.419	ng/ul	99
19) Fluoranthene	19.455	202	43433	0.422	ng/ul	100
20) Pyrene	19.817	202	44707	0.421	ng/ul	99
21) Benzo(a)anthracene	21.565	228	40772	0.414	ng/ul	100
22) Chrysene	21.621	228	41836	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.302	252	43805	0.416	ng/ul	97
25) Benzo(k)fluoranthene	23.354	252	41512	0.407	ng/ul	97
26) Benzo(a)pyrene	23.965	252	35104	0.414	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.714	276	45165	0.416	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.727	278	36447	0.417	ng/ul	97
29) Benzo(g,h,i)perylene	27.532	276	36977	0.401	ng/ul	98

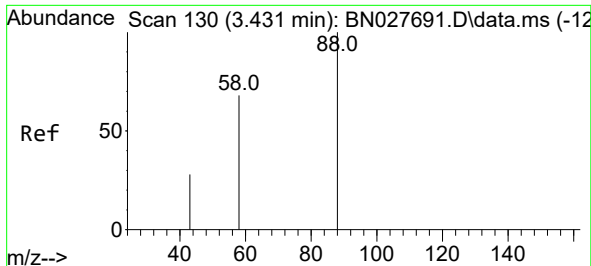
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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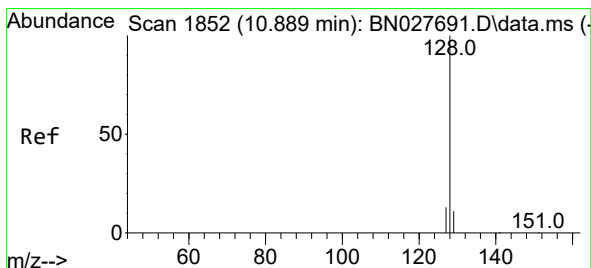
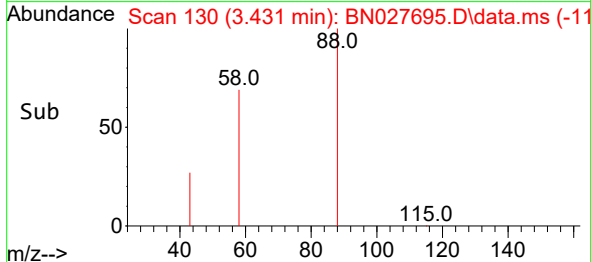
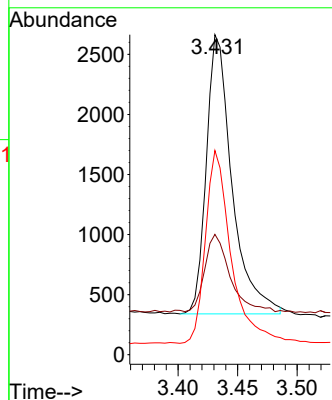
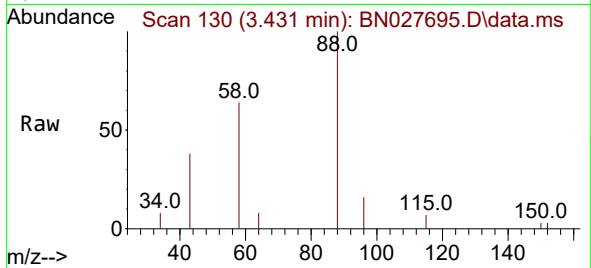




#2
1,4-Dioxane
Concen: 0.436 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

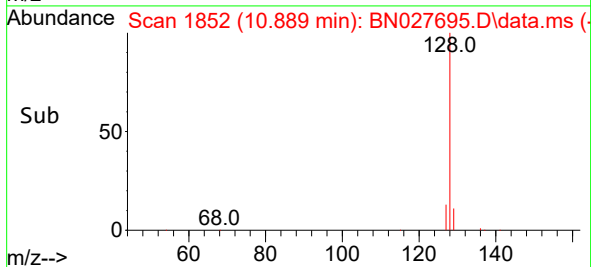
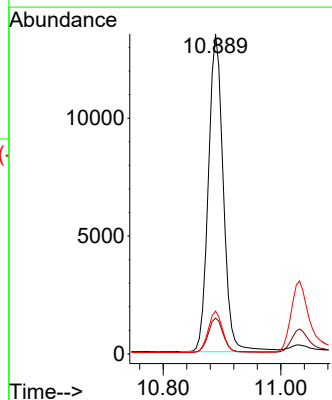
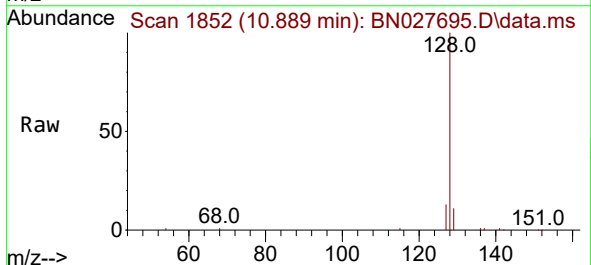
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BNA_N
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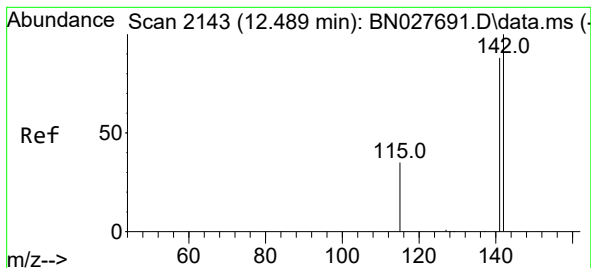
Tgt Ion: 88 Resp: 3495
Ion Ratio Lower Upper
88 100
43 37.6 39.6 59.4#
58 63.8 48.3 72.5



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Tgt Ion:128 Resp: 23735
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.4 10.7 16.1

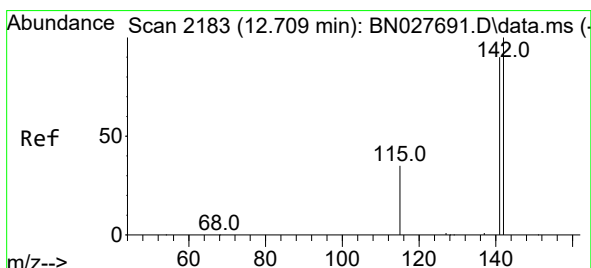
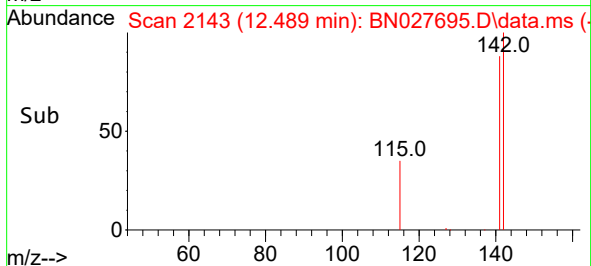
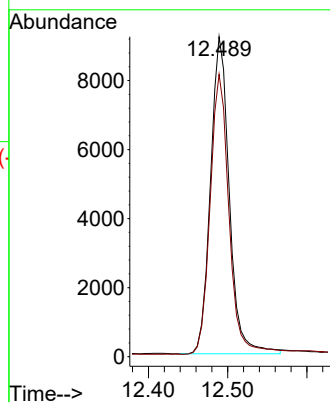
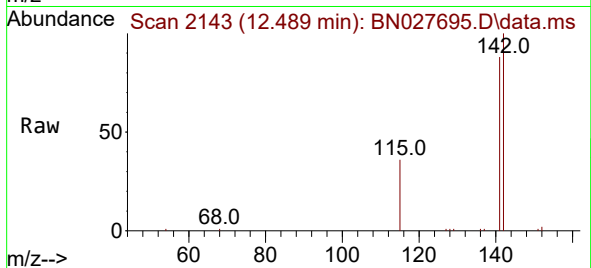




#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

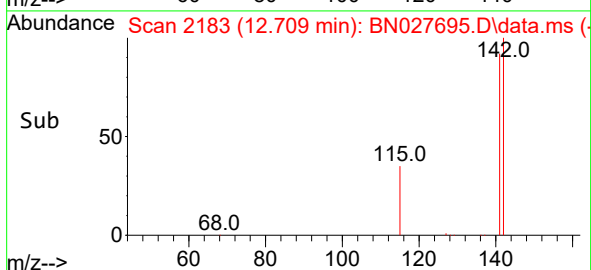
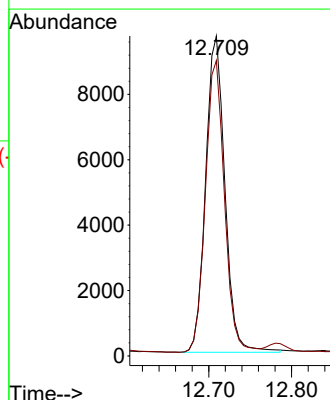
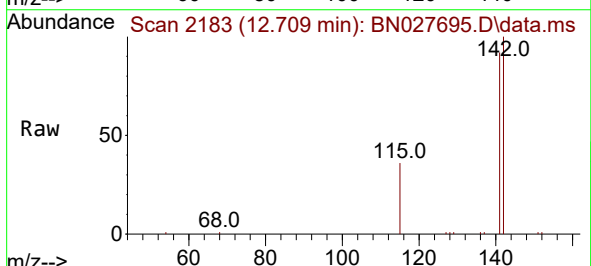
Instrument :
BNA_N
ClientSampleId :
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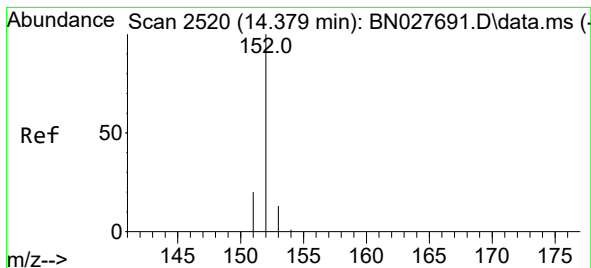
Tgt Ion:142 Resp: 15137
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Tgt Ion:142 Resp: 15609
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2





#10

Acenaphthylene

Concen: 0.419 ng/ul

RT: 14.379 min Scan# 2520

Delta R.T. 0.000 min

Lab File: BN027695.D

Acq: 15 Sep 2023 14:37

Instrument :

BNA_N

ClientSampleId :

SICV208

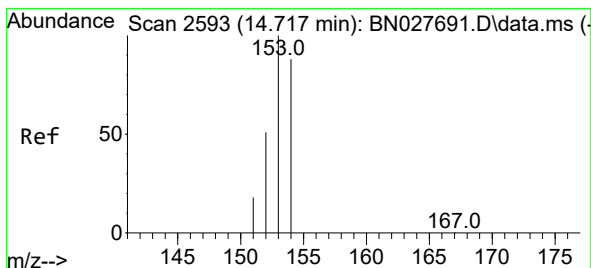
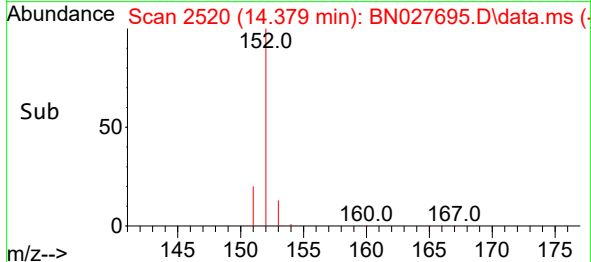
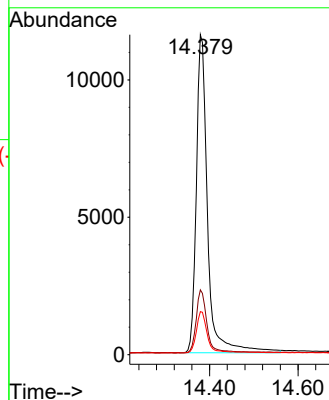
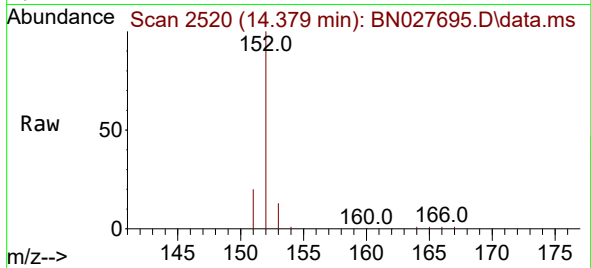
Tgt Ion:152 Resp: 20391

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

153 13.4 11.0 16.6



#11

Acenaphthene

Concen: 0.431 ng/ul

RT: 14.717 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BN027695.D

Acq: 15 Sep 2023 14:37

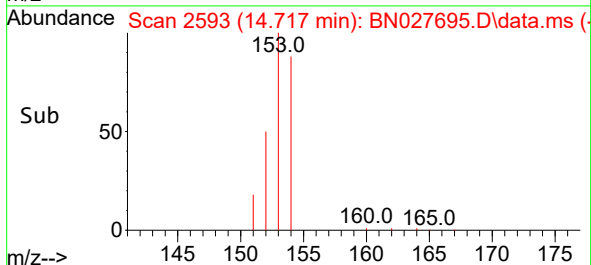
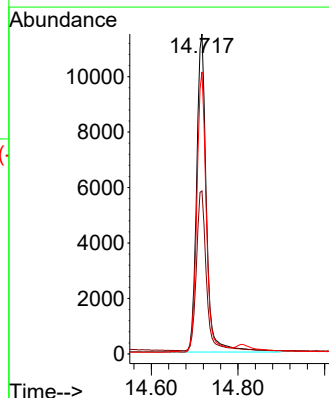
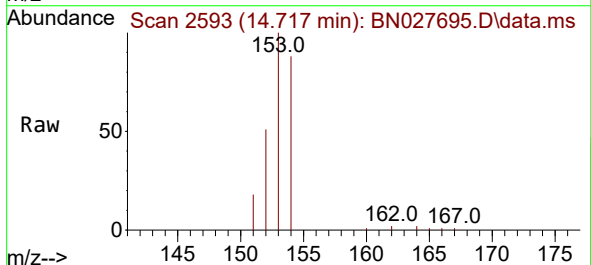
Tgt Ion:153 Resp: 18138

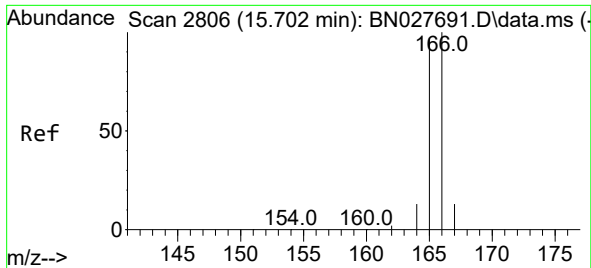
Ion Ratio Lower Upper

153 100

152 50.9 41.7 62.5

154 88.1 70.3 105.5

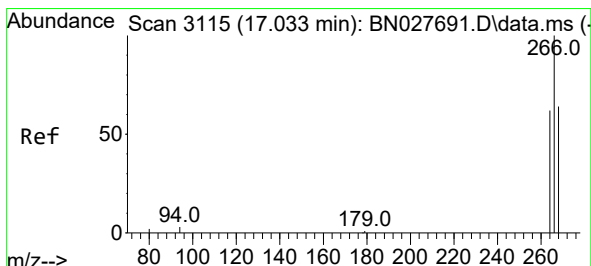
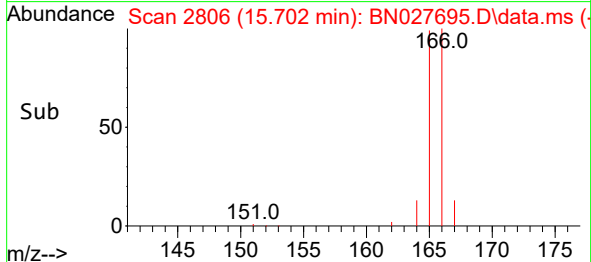
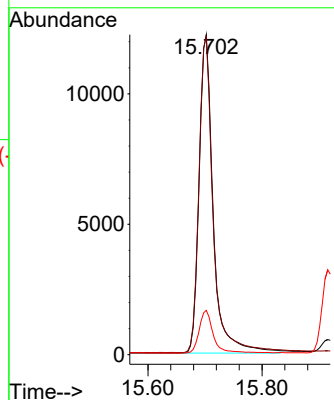
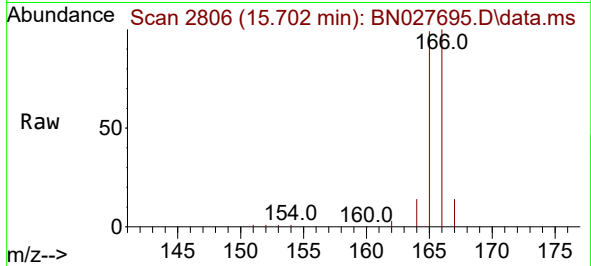




#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.702 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

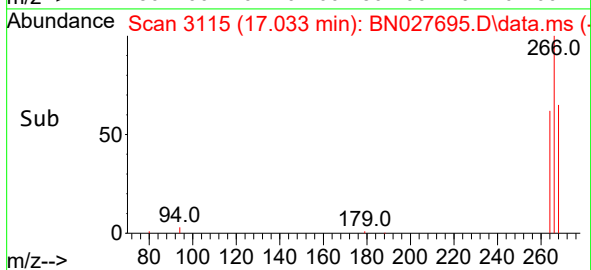
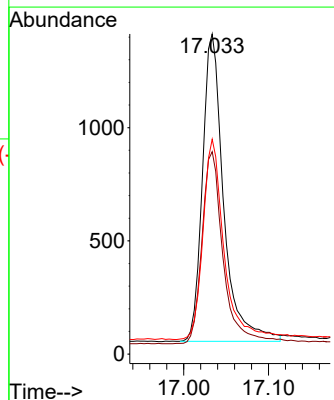
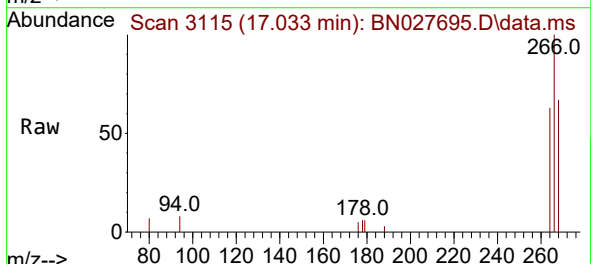
Instrument :
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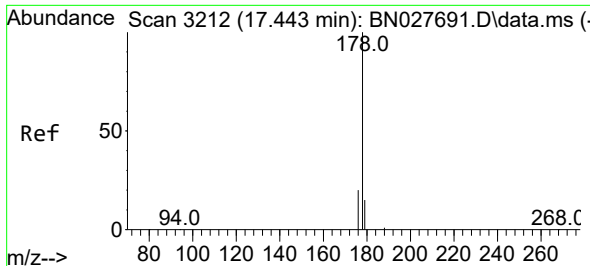
Tgt Ion:166 Resp: 21031
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 13.9 11.4 17.2



#14
Pentachlorophenol
Concen: 0.368 ng/ul
RT: 17.033 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Tgt Ion:266 Resp: 2356
Ion Ratio Lower Upper
266 100
264 62.3 49.6 74.4
268 64.8 50.7 76.1

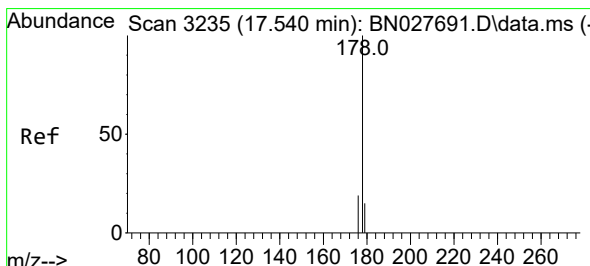
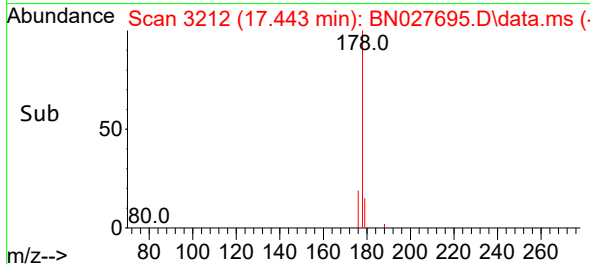
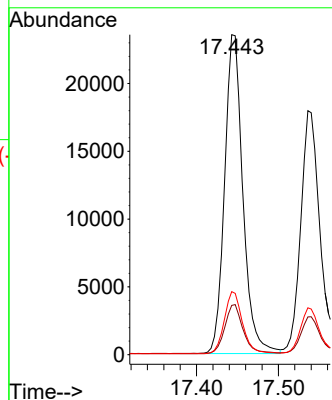
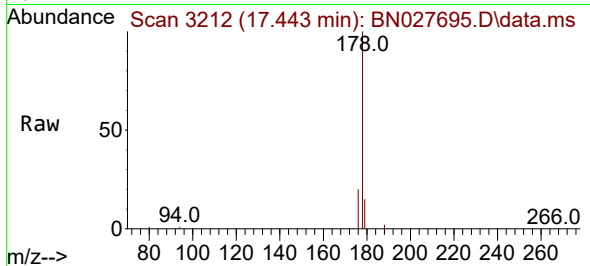




#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

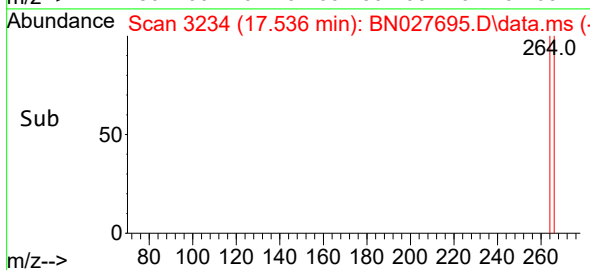
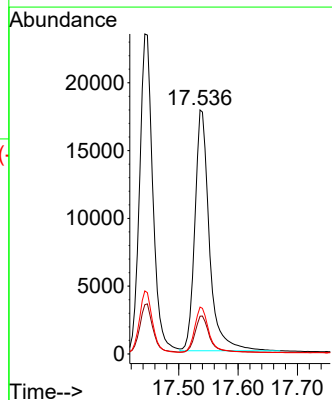
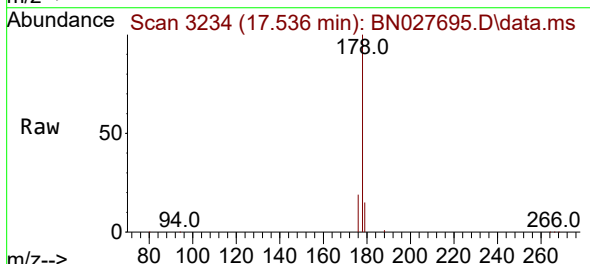
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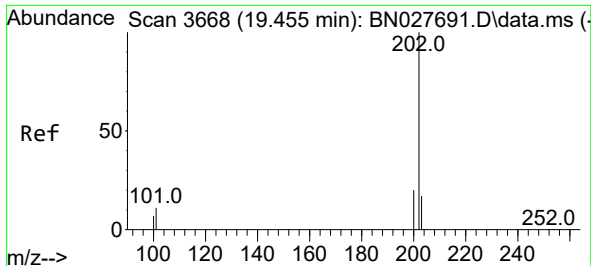
Tgt Ion:178 Resp: 36523
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.536 min Scan# 3234
Delta R.T. -0.004 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Tgt Ion:178 Resp: 30152
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.5 23.3

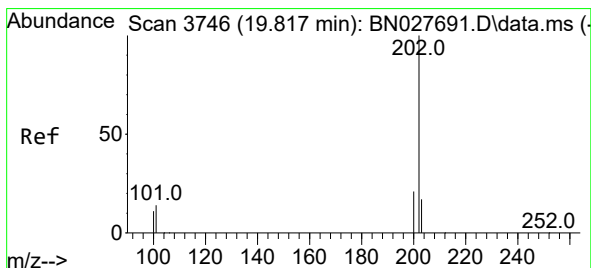
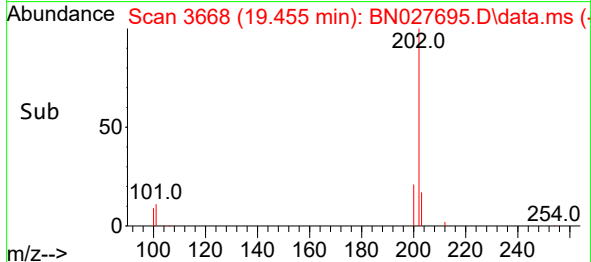
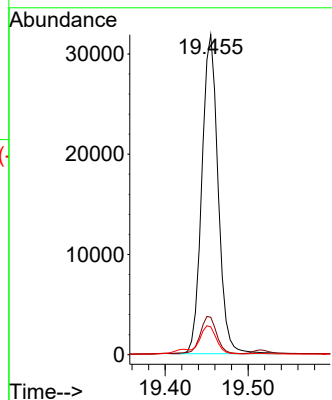
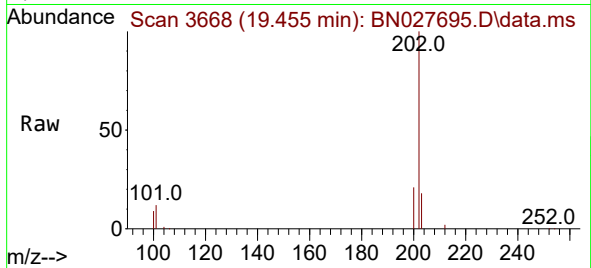




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.455 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

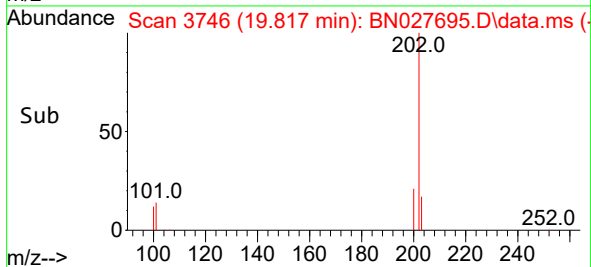
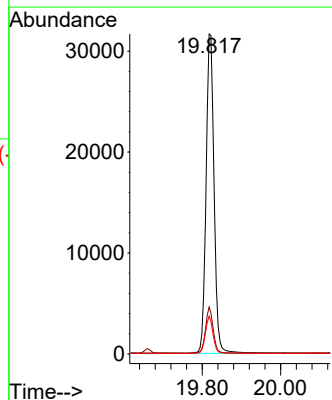
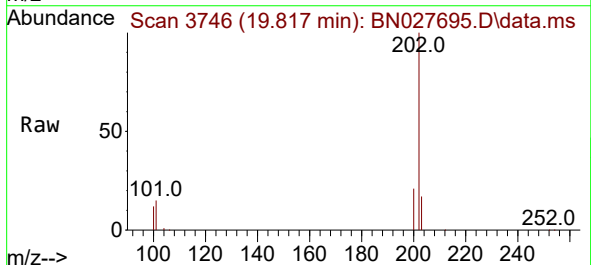
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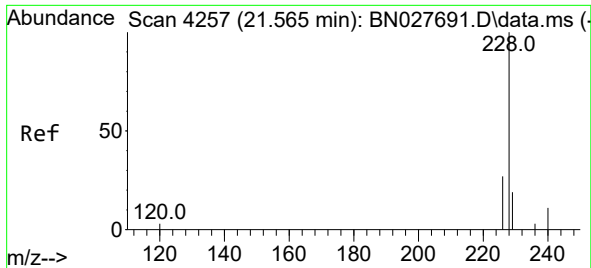
Tgt Ion:202 Resp: 43433
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

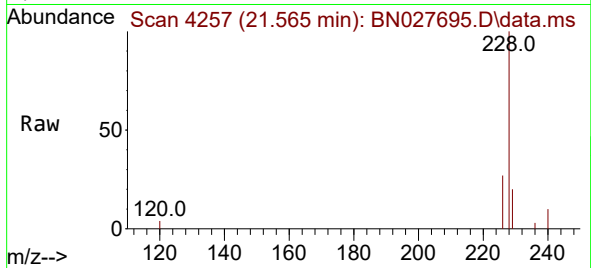
Tgt Ion:202 Resp: 44707
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.8 9.1 13.7



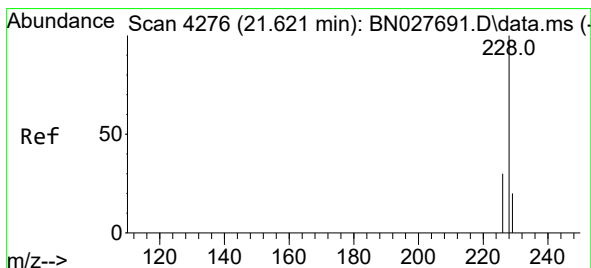
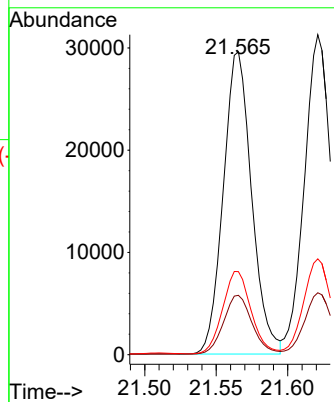
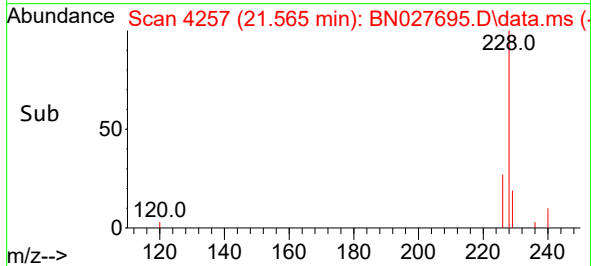


#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Instrument :
BNA_N
ClientSampleId :
SICV208

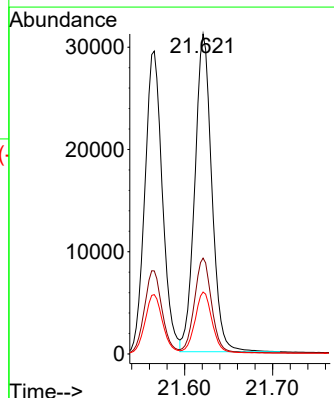
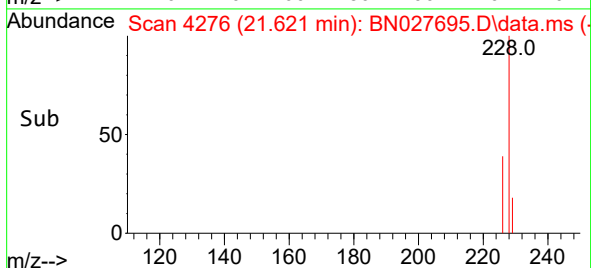
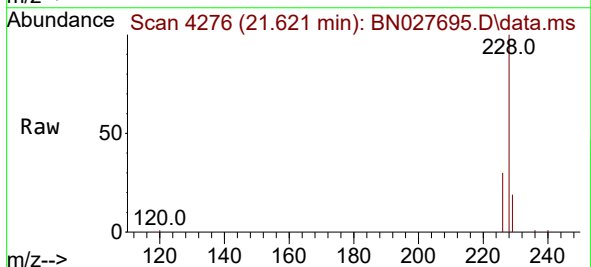


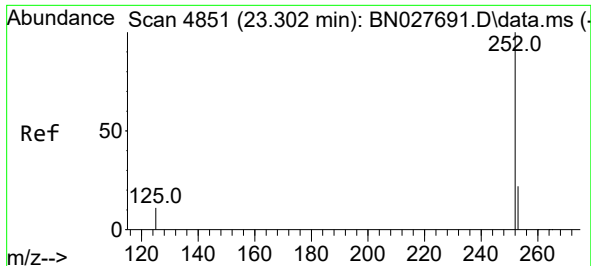
Tgt Ion:228 Resp: 40772
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

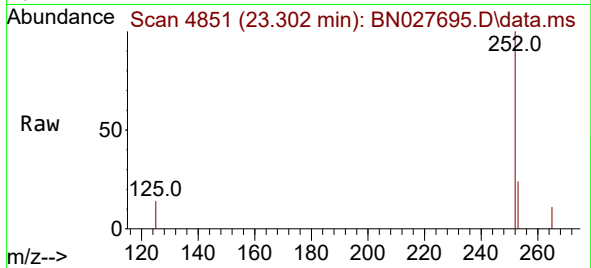
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Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.4 16.0 24.0



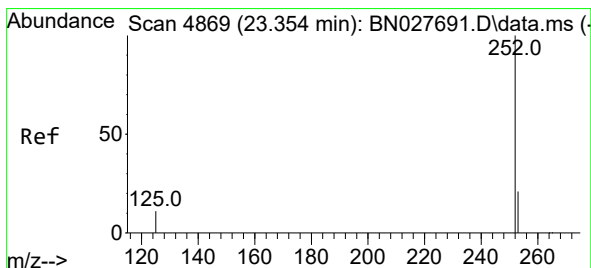
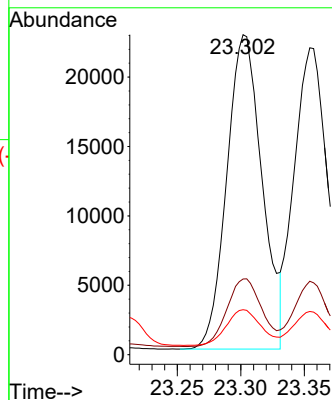


#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Instrument :
BNA_N
ClientSampleId :
SICV208

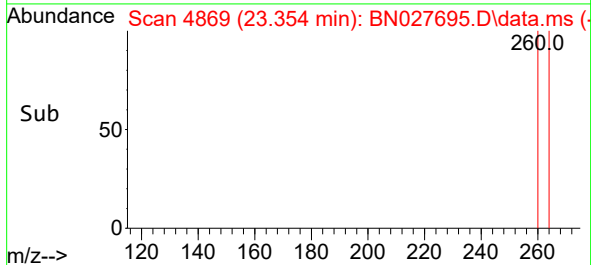
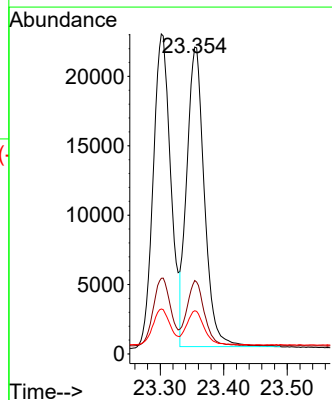
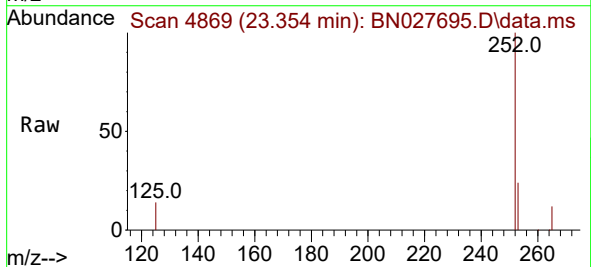


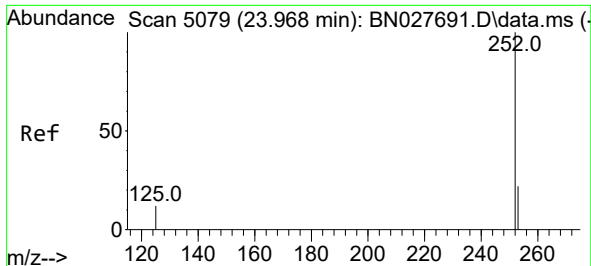
Tgt Ion:252 Resp: 43805
Ion Ratio Lower Upper
252 100
253 23.7 0.0 50.2
125 14.0 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.354 min Scan# 4869
Delta R.T. 0.000 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

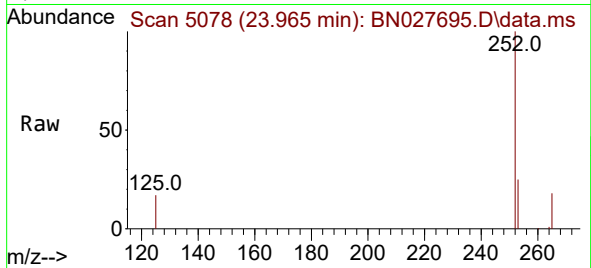
Tgt Ion:252 Resp: 41512
Ion Ratio Lower Upper
252 100
253 23.9 19.9 29.9
125 14.1 12.6 19.0



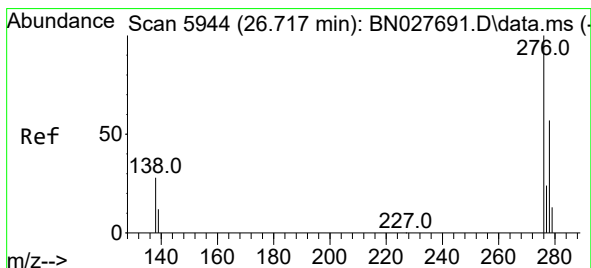
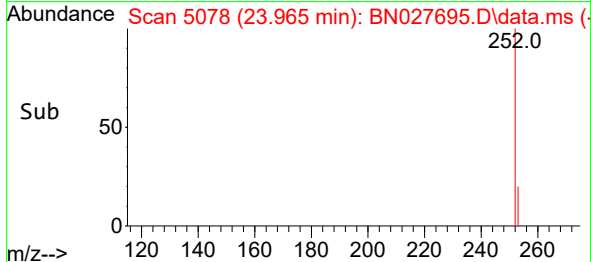
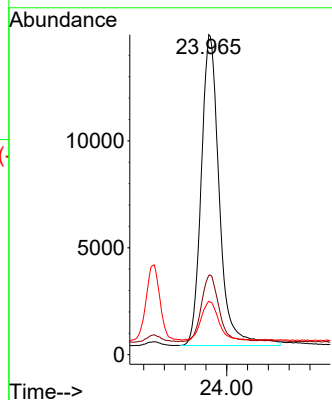


#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.965 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Instrument :
BNA_N
ClientSampleId :
SICV208

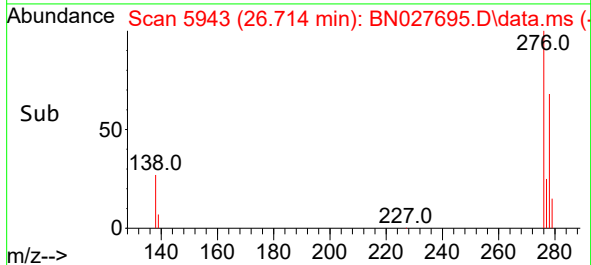
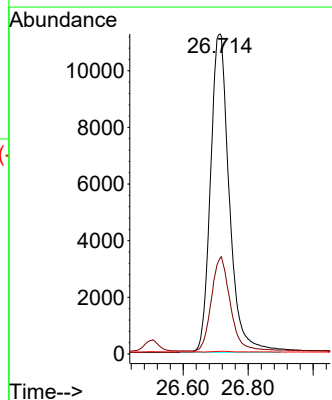
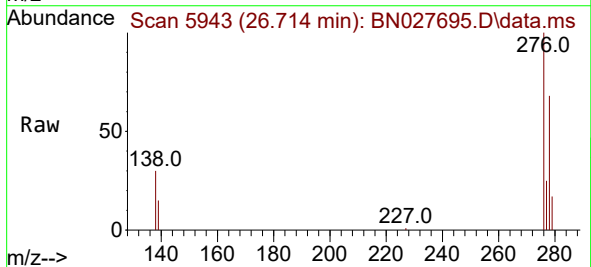


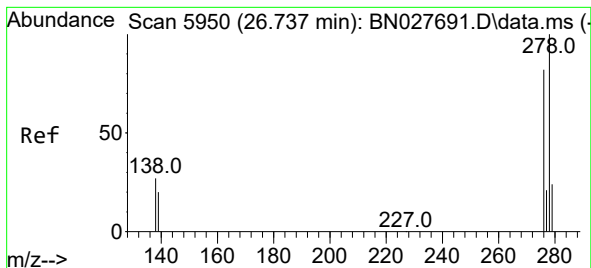
Tgt Ion:252 Resp: 35104
Ion Ratio Lower Upper
252 100
253 24.8 21.9 32.9
125 16.7 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 26.714 min Scan# 5943
Delta R.T. -0.003 min
Lab File: BN027695.D
Acq: 15 Sep 2023 14:37

Tgt Ion:276 Resp: 45165
Ion Ratio Lower Upper
276 100
138 29.7 24.3 36.5
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.417 ng/ul

RT: 26.727 min Scan# 5947

Delta R.T. -0.010 min

Lab File: BN027695.D

Acq: 15 Sep 2023 14:37

Instrument :

BNA_N

ClientSampleId :

SICV208

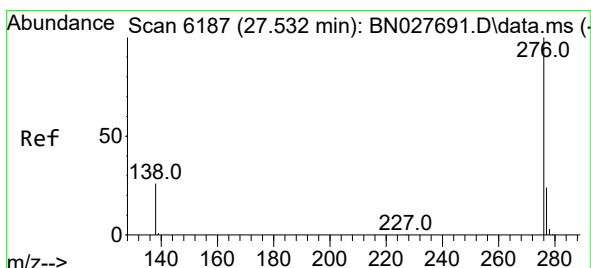
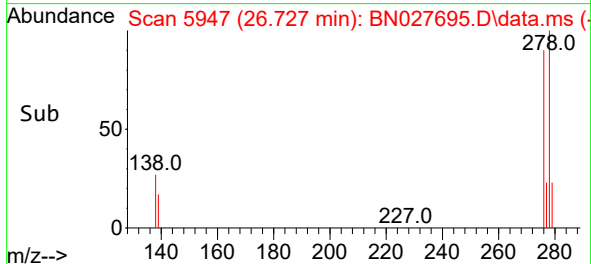
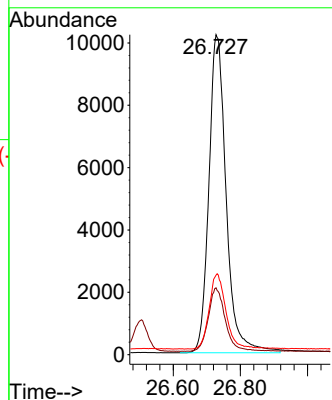
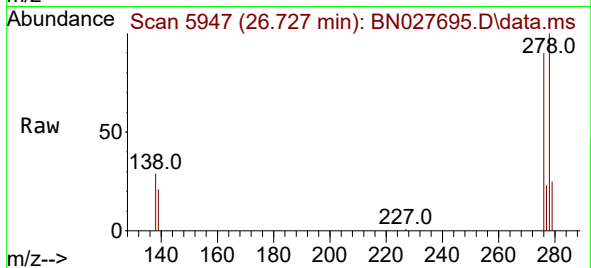
Tgt Ion:278 Resp: 36447

Ion Ratio Lower Upper

278 100

139 20.9 17.2 25.8

279 24.9 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.401 ng/ul

RT: 27.532 min Scan# 6187

Delta R.T. 0.000 min

Lab File: BN027695.D

Acq: 15 Sep 2023 14:37

Tgt Ion:276 Resp: 36977

Ion Ratio Lower Upper

276 100

138 26.4 21.7 32.5

277 23.9 20.2 30.2

