

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
 Data File : BN027366.D
 Acq On : 02 Sep 2023 06:13
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Quant Time: Sep 02 06:41:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

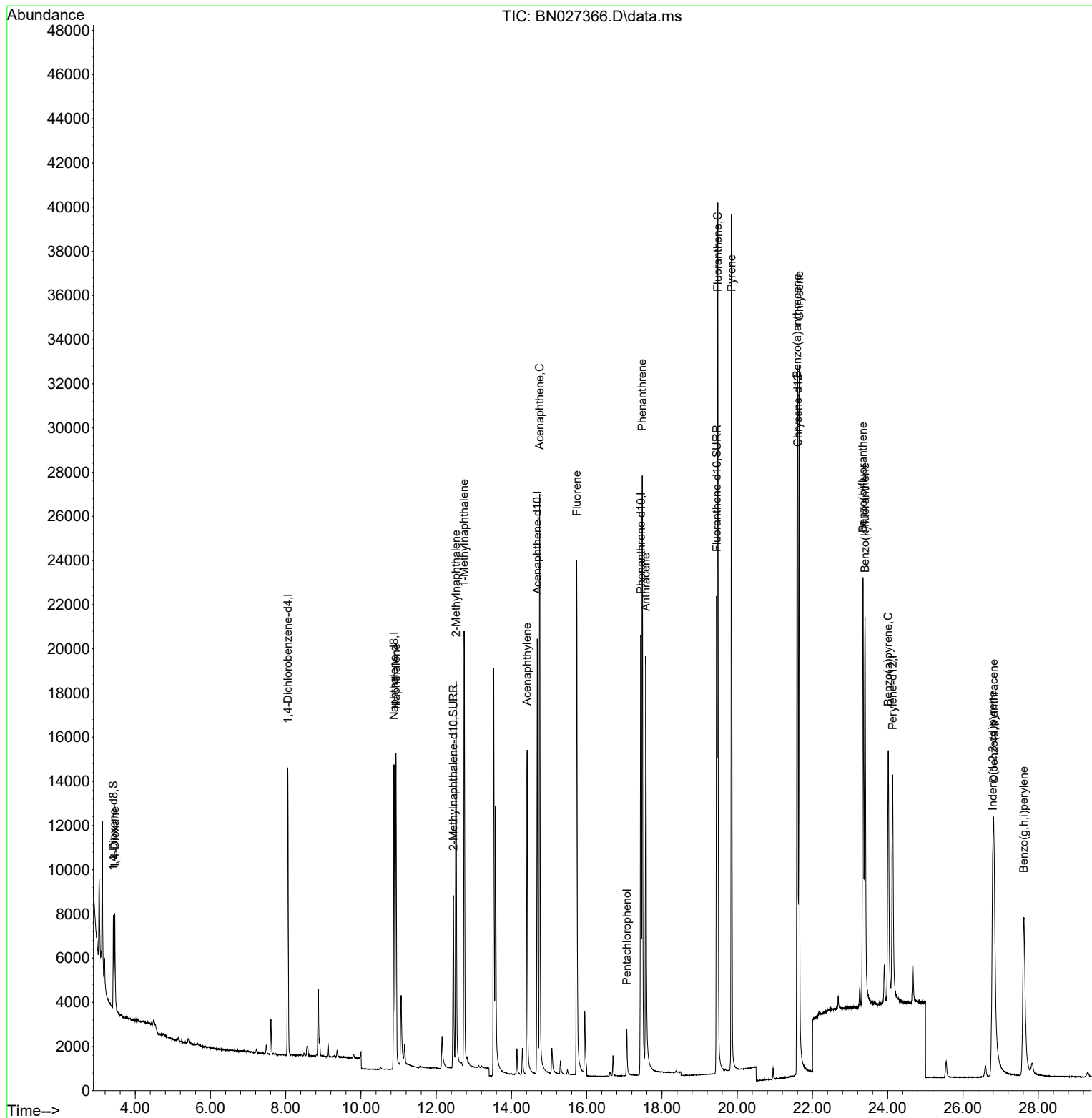
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	6712	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	20097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	11754	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.438	188	26593	0.400	ng/ul	0.00
17) Chrysene-d12	21.609	240	20612	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	17113	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	3089	0.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	11203	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	25740	0.364	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.456	88	3229	0.357	ng/ul#	84
5) Naphthalene	10.927	128	20605	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	13464	0.369	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	14179	0.365	ng/ul	100
10) Acenaphthylene	14.416	152	18855	0.350	ng/ul	99
11) Acenaphthene	14.749	153	16412	0.355	ng/ul	98
12) Fluorene	15.735	166	18320	0.353	ng/ul	99
14) Pentachlorophenol	17.063	266	1665	0.321	ng/ul	99
15) Phenanthrene	17.476	178	30982	0.358	ng/ul	100
16) Anthracene	17.569	178	24501	0.356	ng/ul	99
19) Fluoranthene	19.482	202	34677	0.366	ng/ul	99
20) Pyrene	19.850	202	34923	0.362	ng/ul	97
21) Benzo(a)anthracene	21.591	228	26311	0.354	ng/ul	100
22) Chrysene	21.647	228	30902	0.356	ng/ul	99
24) Benzo(b)fluoranthene	23.342	252	29508	0.365	ng/ul	98
25) Benzo(k)fluoranthene	23.398	252	28247	0.357	ng/ul	98
26) Benzo(a)pyrene	24.015	252	22500	0.356	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.790	276	25217	0.360	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.820	278	19439	0.363	ng/ul	98
29) Benzo(g,h,i)perylene	27.615	276	22422	0.354	ng/ul	99

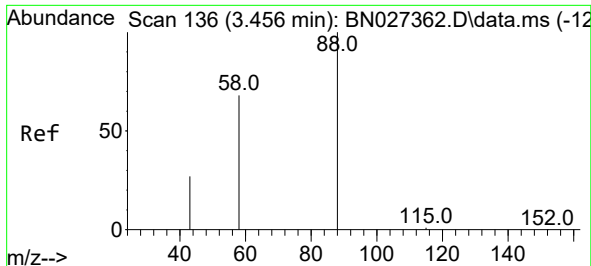
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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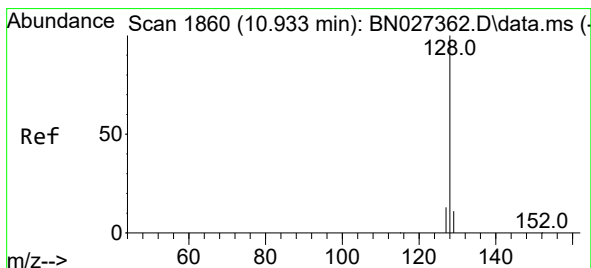
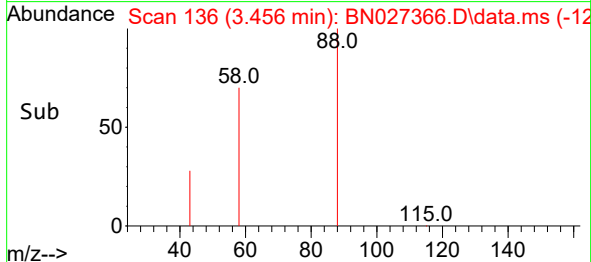
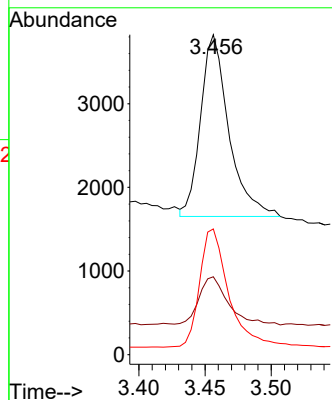
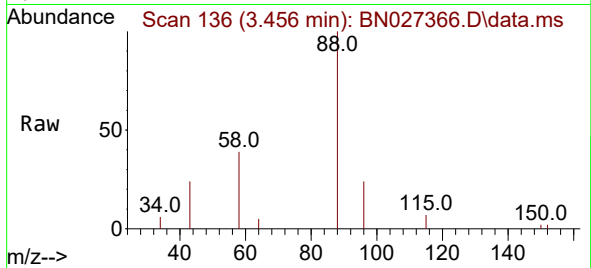




#2
1,4-Dioxane
Concen: 0.357 ng/ul
RT: 3.456 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

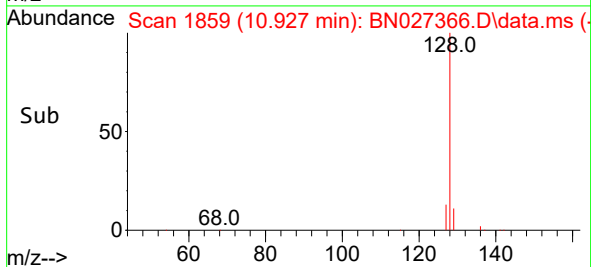
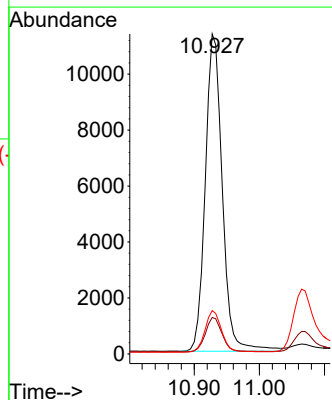
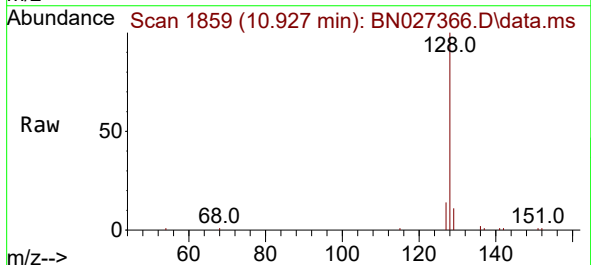
Instrument :
BNA_N
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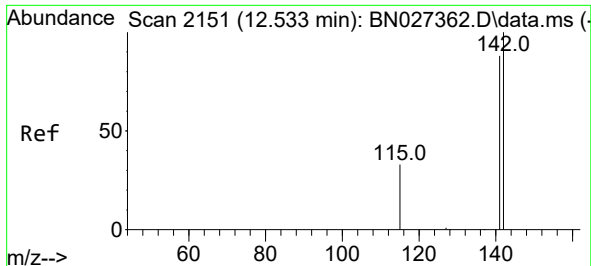
Tgt Ion: 88 Resp: 3229
Ion Ratio Lower Upper
88 100
43 24.4 26.8 40.2#
58 39.3 39.9 59.9#



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Tgt Ion: 128 Resp: 20605
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.6 10.6 16.0

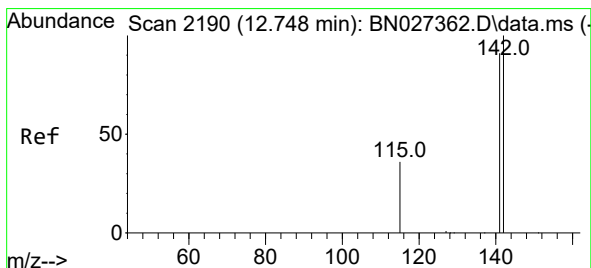
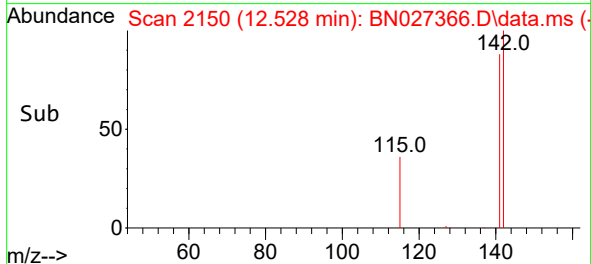
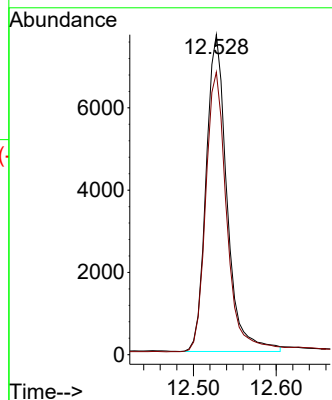
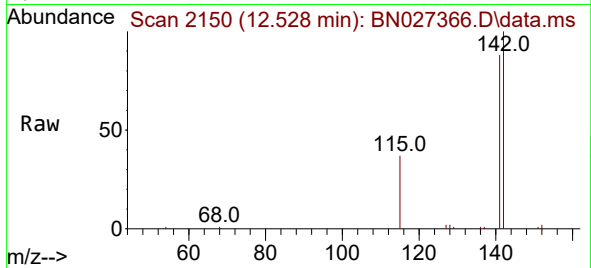




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

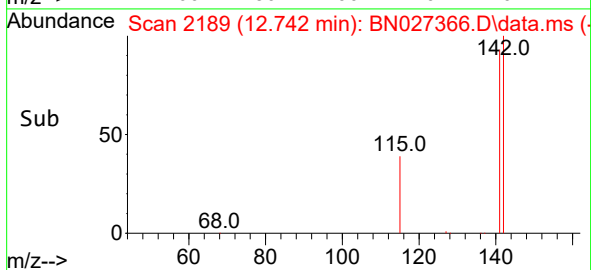
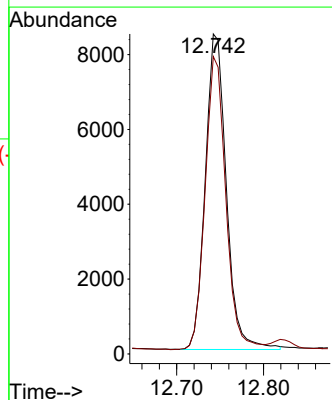
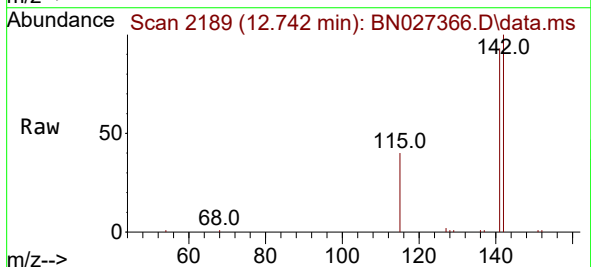
Instrument :
BNA_N
ClientSampleId :
SICV201

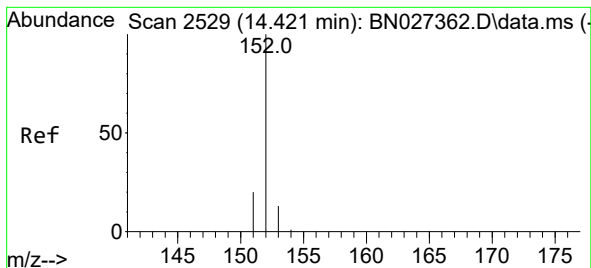
Tgt Ion:142 Resp: 13464
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Tgt Ion:142 Resp: 14179
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4





#10

Acenaphthylene

Concen: 0.350 ng/ul

RT: 14.416 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027366.D

Acq: 02 Sep 2023 06:13

Instrument :

BNA_N

ClientSampleId :

SICV201

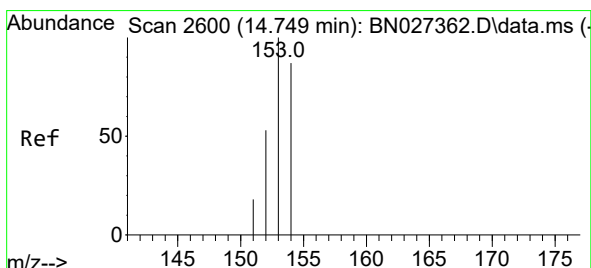
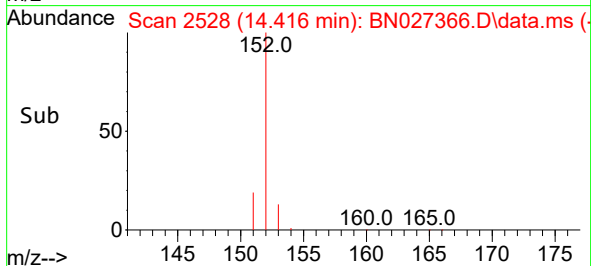
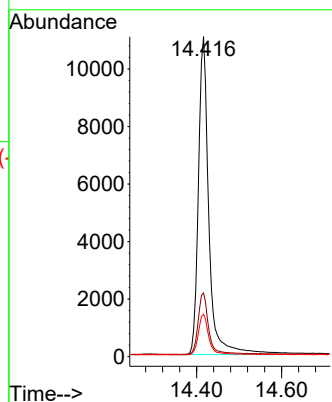
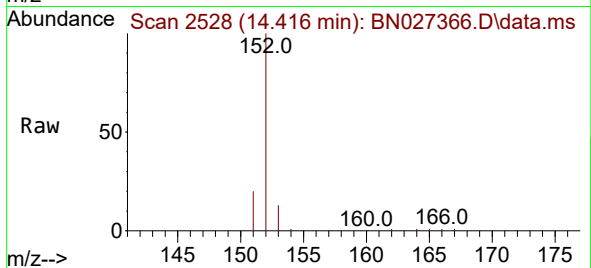
Tgt Ion:152 Resp: 18855

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.2 11.1 16.7



#11

Acenaphthene

Concen: 0.355 ng/ul

RT: 14.749 min Scan# 2600

Delta R.T. 0.000 min

Lab File: BN027366.D

Acq: 02 Sep 2023 06:13

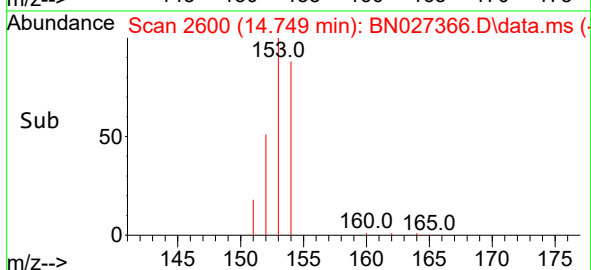
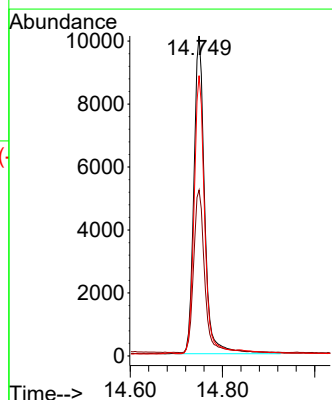
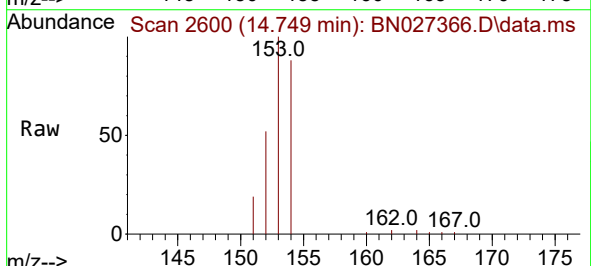
Tgt Ion:153 Resp: 16412

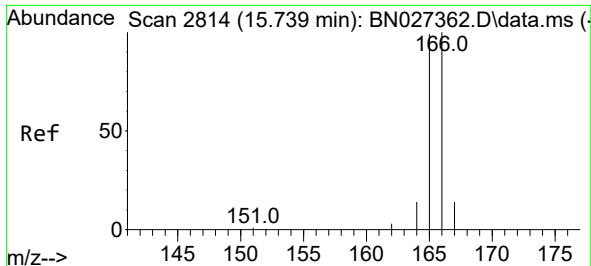
Ion Ratio Lower Upper

153 100

152 51.8 42.9 64.3

154 87.6 69.4 104.0

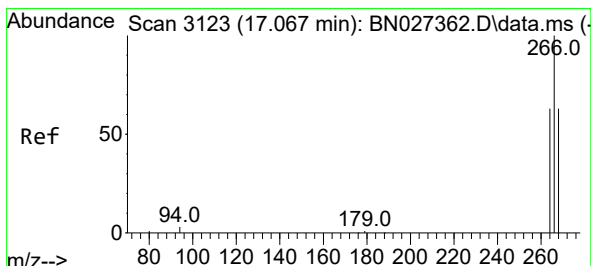
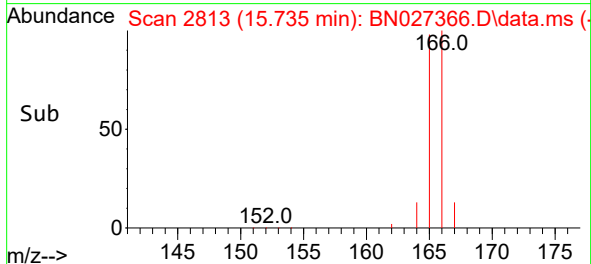
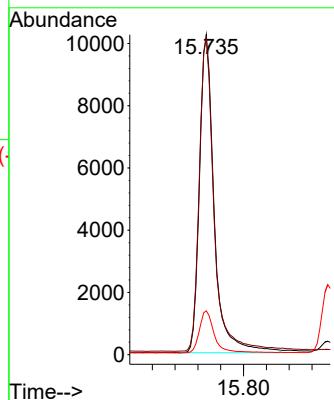
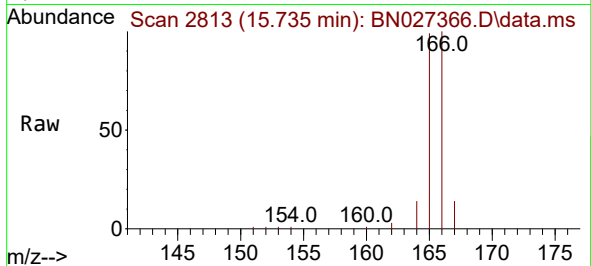




#12
 Fluorene
 Concen: 0.353 ng/ul
 RT: 15.735 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027366.D
 Acq: 02 Sep 2023 06:13

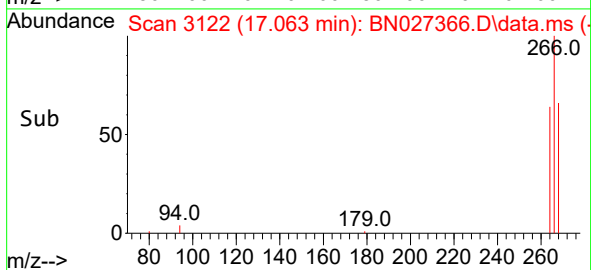
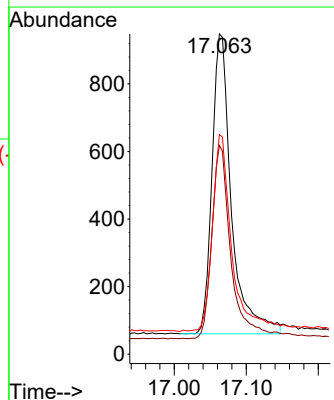
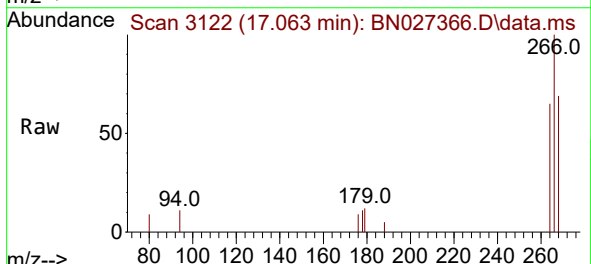
Instrument :
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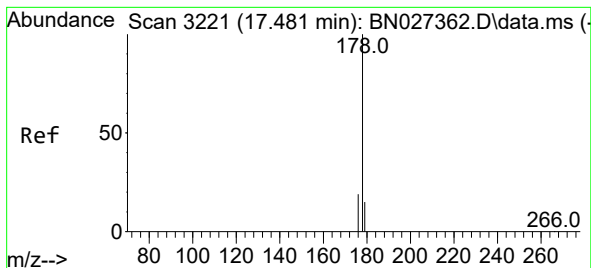
Tgt Ion:166 Resp: 18320
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.6 119.4
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.321 ng/ul
 RT: 17.063 min Scan# 3122
 Delta R.T. -0.004 min
 Lab File: BN027366.D
 Acq: 02 Sep 2023 06:13

Tgt Ion:266 Resp: 1665
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.4 75.6
 268 64.4 51.9 77.9





#15

Phenanthrene

Concen: 0.358 ng/ul

RT: 17.476 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027366.D

Acq: 02 Sep 2023 06:13

Instrument :

BNA_N

ClientSampleId :

SICV201

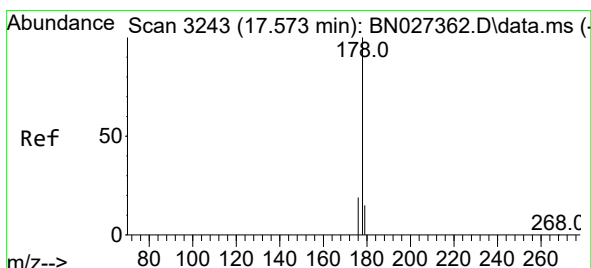
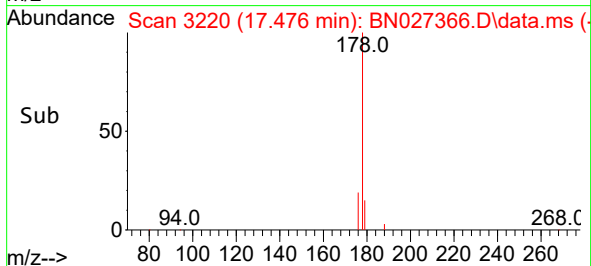
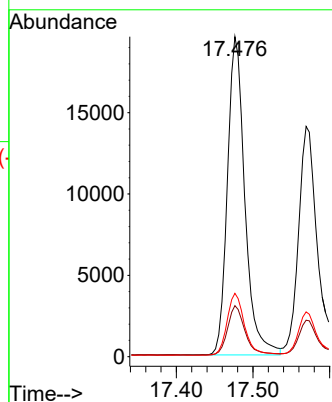
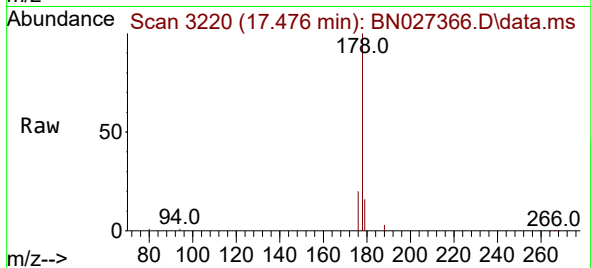
Tgt Ion:178 Resp: 30982

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.8 15.8 23.8



#16

Anthracene

Concen: 0.356 ng/ul

RT: 17.569 min Scan# 3242

Delta R.T. -0.004 min

Lab File: BN027366.D

Acq: 02 Sep 2023 06:13

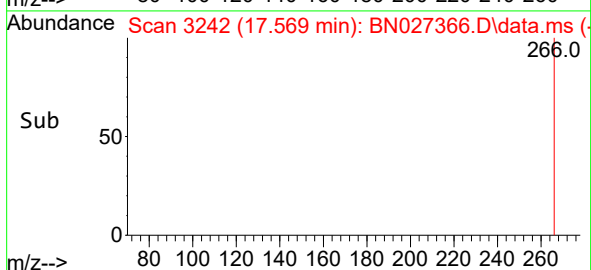
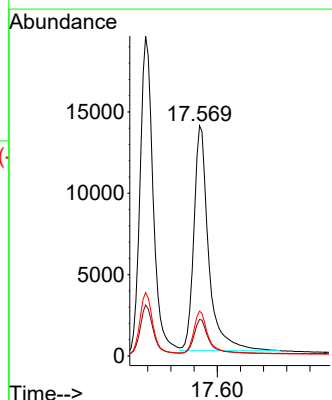
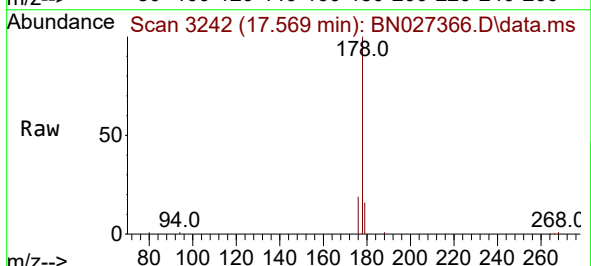
Tgt Ion:178 Resp: 24501

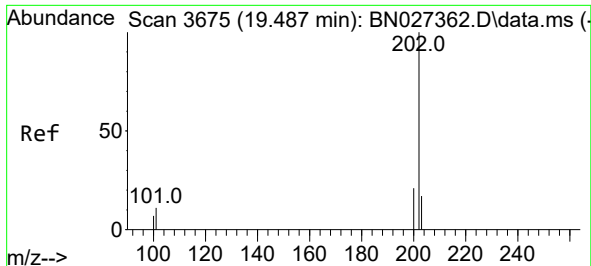
Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.6

176 19.5 15.6 23.4

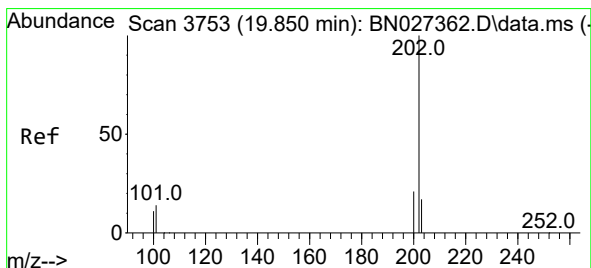
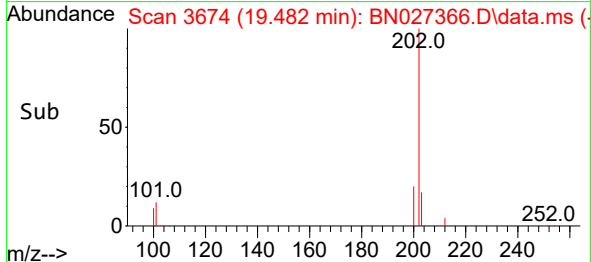
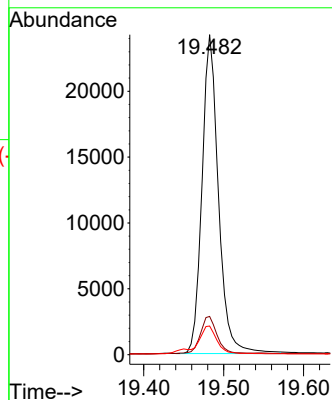
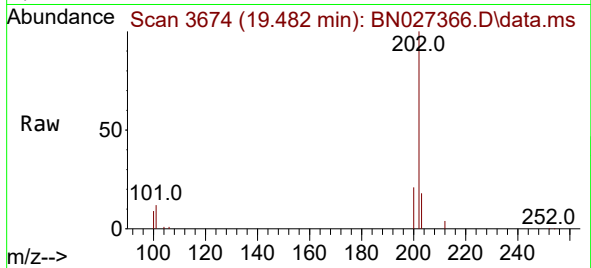




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.482 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

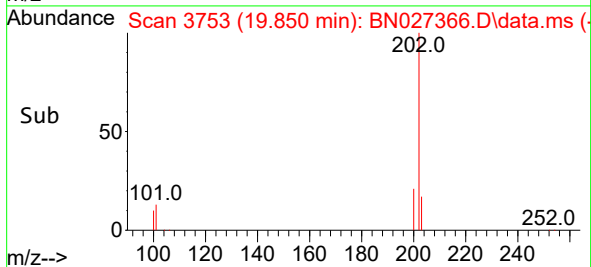
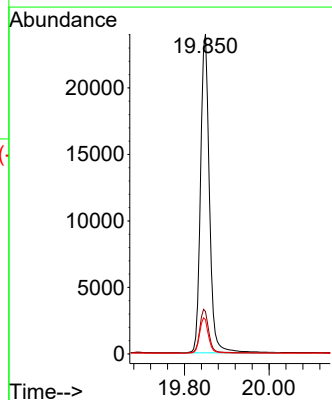
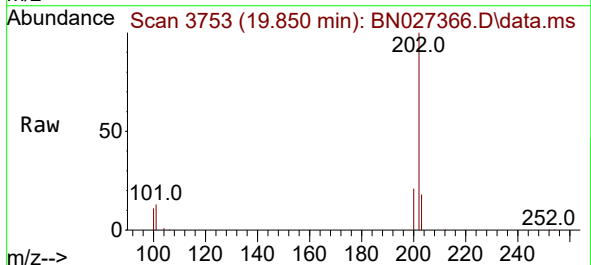
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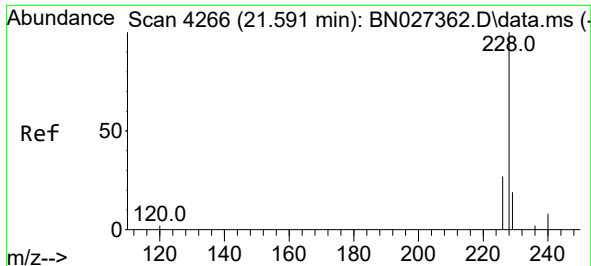
Tgt Ion:202 Resp: 34677
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.0
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Tgt Ion:202 Resp: 34923
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.2
100 10.7 9.4 14.2

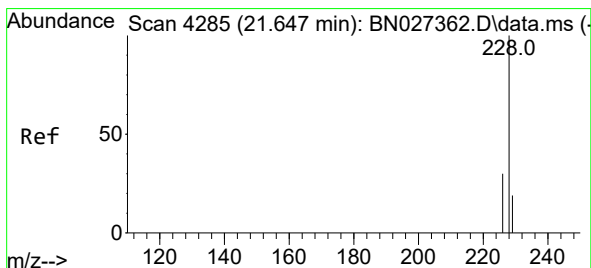
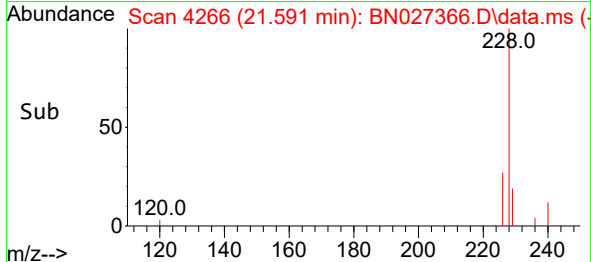
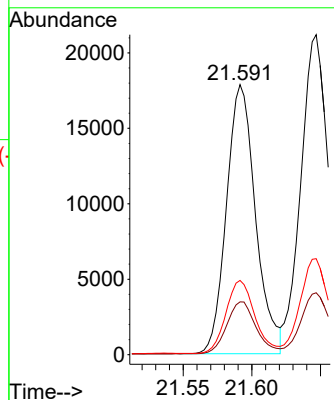
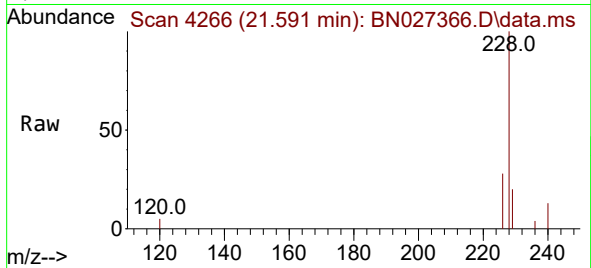




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.591 min Scan# 4266
Delta R.T. 0.000 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

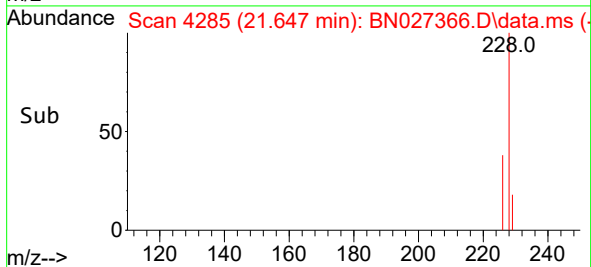
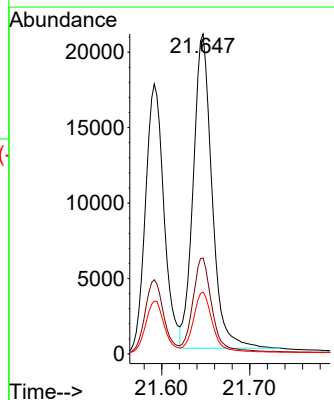
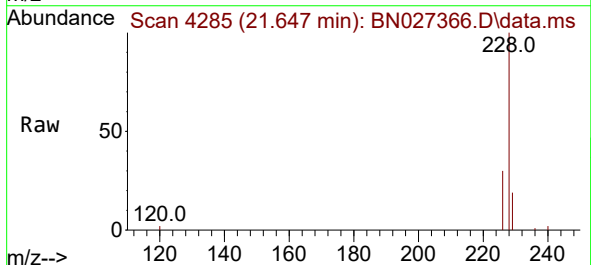
Instrument :
BNA_N
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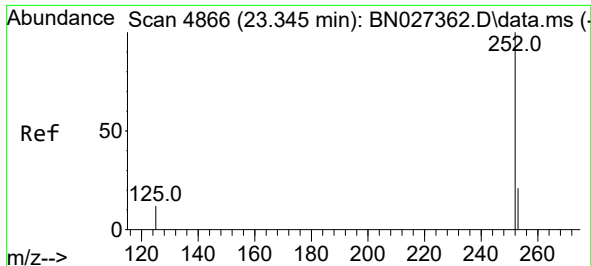
Tgt Ion:228 Resp: 26311
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.647 min Scan# 4285
Delta R.T. 0.000 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

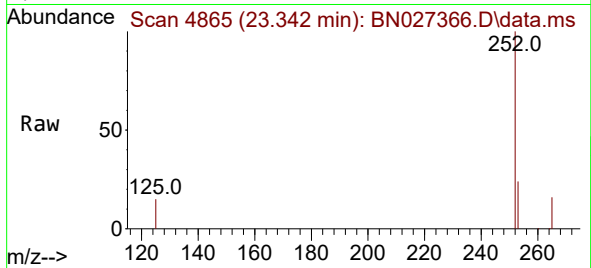
Tgt Ion:228 Resp: 30902
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.4 15.6 23.4



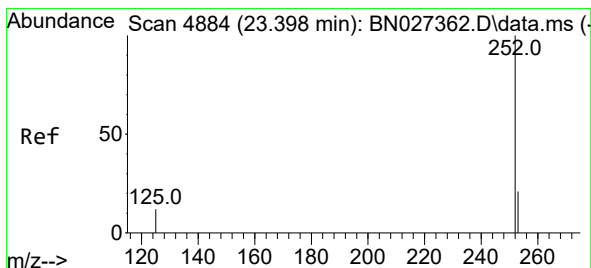
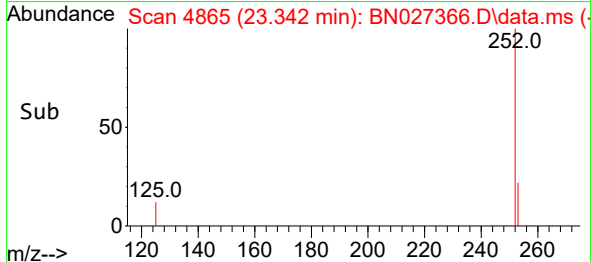
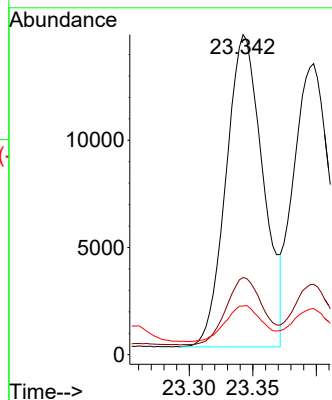


#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.342 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Instrument :
BNA_N
ClientSampleId :
SICV201

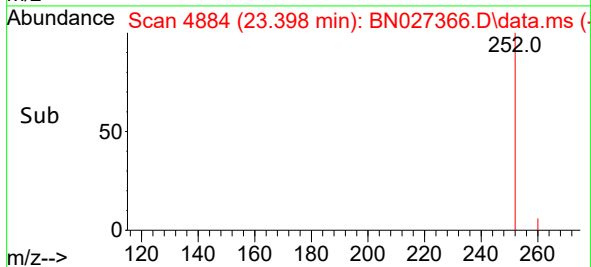
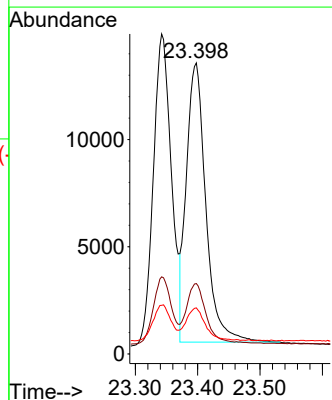
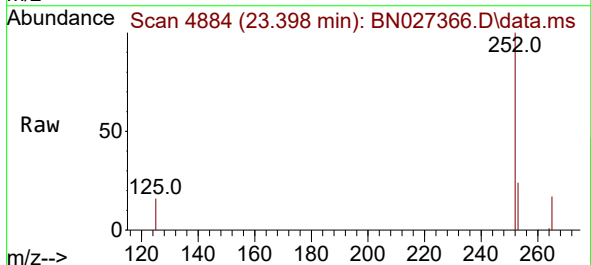


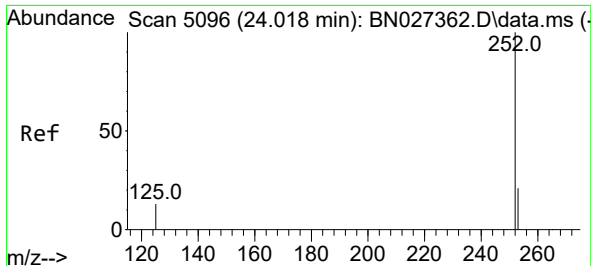
Tgt Ion:252 Resp: 29508
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.6
125 15.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.398 min Scan# 4884
Delta R.T. 0.000 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

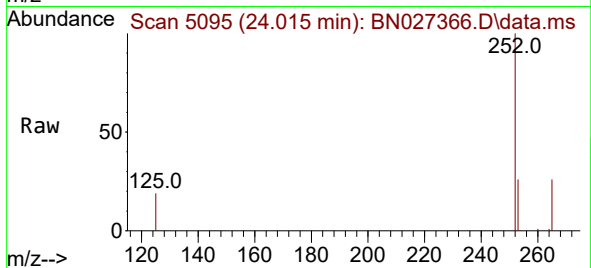
Tgt Ion:252 Resp: 28247
Ion Ratio Lower Upper
252 100
253 24.2 19.9 29.9
125 15.8 13.6 20.4



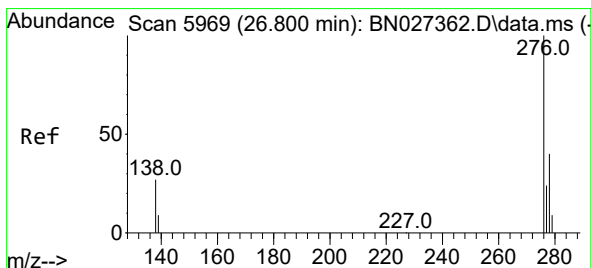
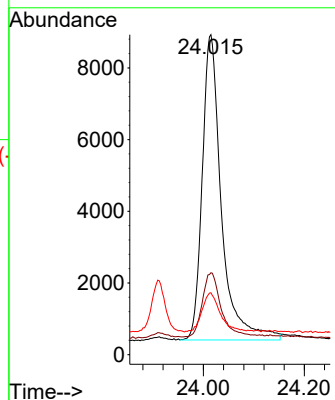


#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 24.015 min Scan# 5095
Delta R.T. -0.003 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Instrument :
BNA_N
ClientSampleId :
SICV201

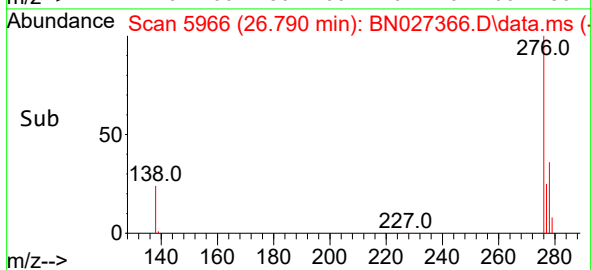
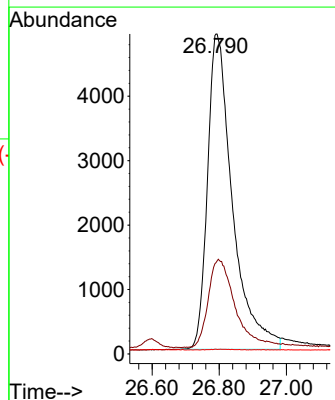
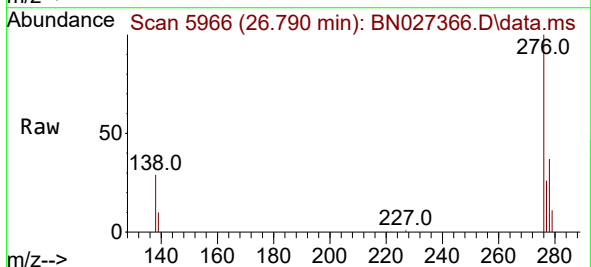


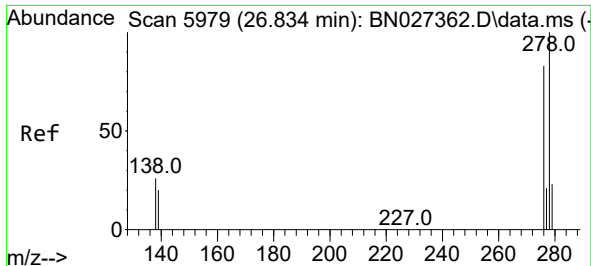
Tgt Ion:	252	Resp:	22500
Ion Ratio	Lower	Upper	
252	100		
253	25.6	22.4	33.6
125	19.4	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.790 min Scan# 5966
Delta R.T. -0.010 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Tgt Ion:	276	Resp:	25217
Ion Ratio	Lower	Upper	
276	100		
138	30.1	23.9	35.9
227	0.2	0.1	0.1#

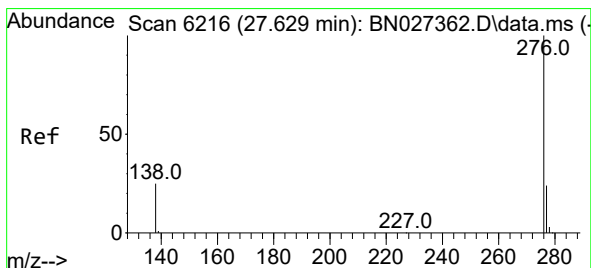
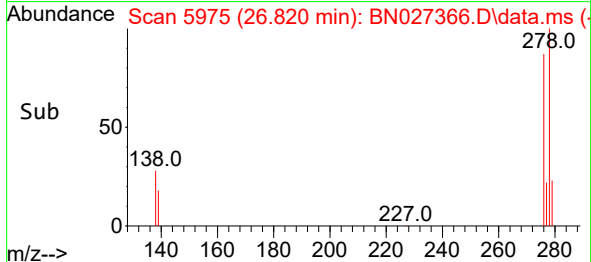
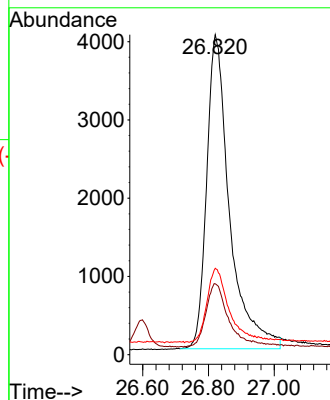
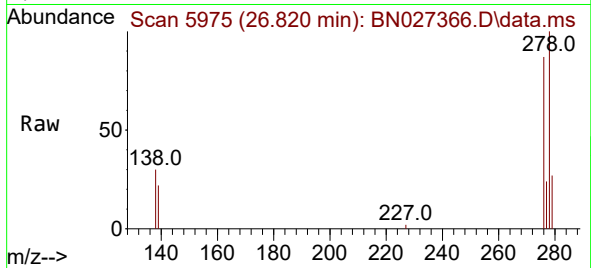




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.820 min Scan# 5979
Delta R.T. -0.013 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Instrument :
BNA_N
ClientSampleId :
SICV201

Tgt Ion: 278 Resp: 19439
Ion Ratio Lower Upper
278 100
139 22.1 18.0 27.0
279 27.0 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.615 min Scan# 6212
Delta R.T. -0.013 min
Lab File: BN027366.D
Acq: 02 Sep 2023 06:13

Tgt Ion: 276 Resp: 22422
Ion Ratio Lower Upper
276 100
138 28.4 22.1 33.1
277 24.9 20.2 30.4

