

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027713.D
 Acq On : 16 Sep 2023 02:23
 Operator : MA/JU
 Sample : PB155434BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS434

Quant Time: Sep 16 02:58:45 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)

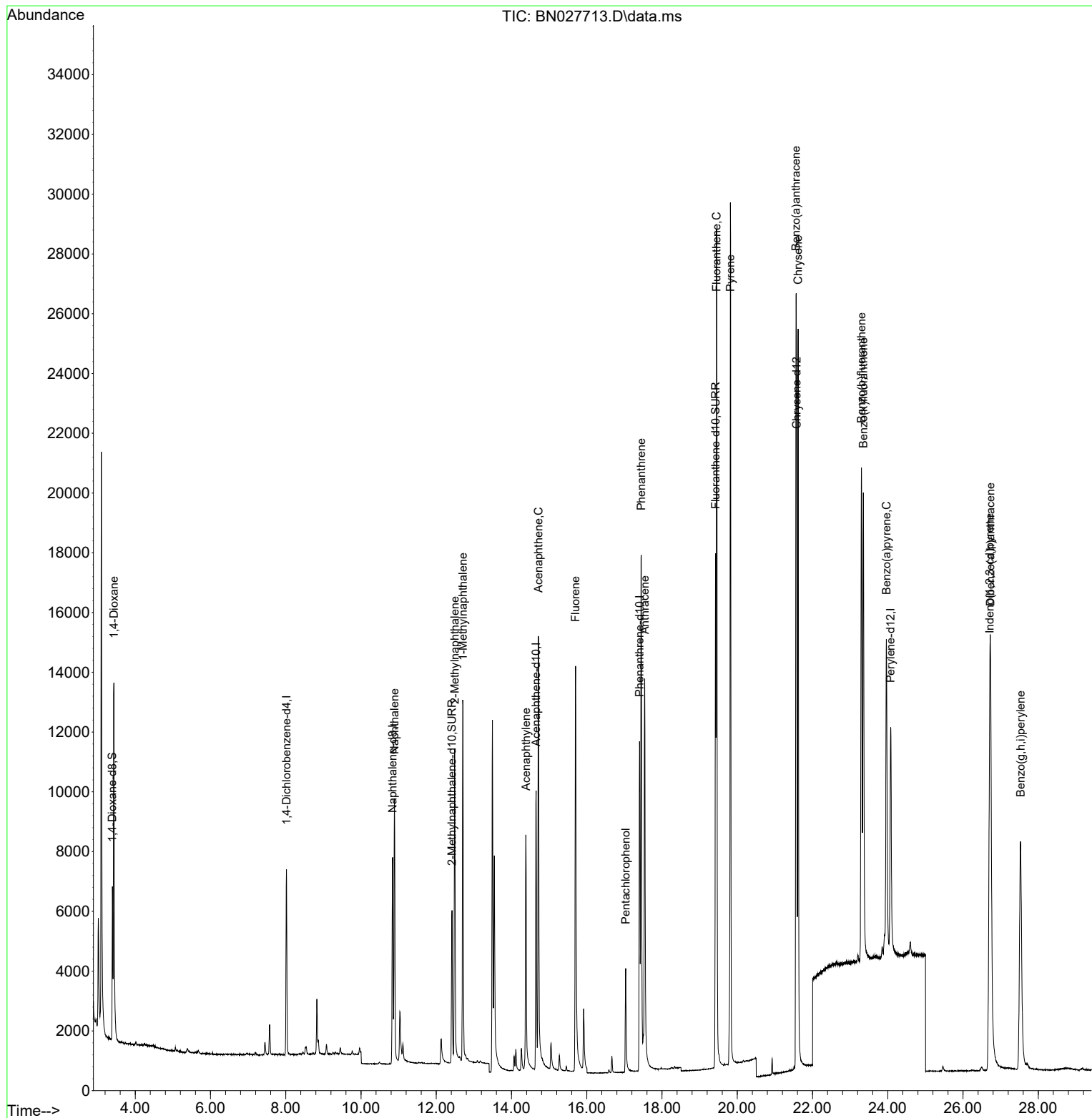
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	3261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	10346	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5859	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	14957	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	13413	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	12182	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	3566	0.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	7181	0.458	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	19676	0.480	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	8980	2.101	ng/ul#	85
5) Naphthalene	10.889	128	12700	0.430	ng/ul	100
7) 2-Methylnaphthalene	12.489	142	8026	0.428	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	8714	0.450	ng/ul	99
10) Acenaphthylene	14.384	152	11361	0.444	ng/ul	99
11) Acenaphthene	14.717	153	9870	0.446	ng/ul	100
12) Fluorene	15.702	166	11725	0.451	ng/ul	99
14) Pentachlorophenol	17.033	266	2683	0.767	ng/ul	99
15) Phenanthrene	17.447	178	20772	0.442	ng/ul	99
16) Anthracene	17.540	178	17231	0.438	ng/ul	99
19) Fluoranthene	19.450	202	24998	0.461	ng/ul	98
20) Pyrene	19.817	202	25293	0.453	ng/ul	100
21) Benzo(a)anthracene	21.563	228	22563	0.435	ng/ul	100
22) Chrysene	21.615	228	24185	0.451	ng/ul	99
24) Benzo(b)fluoranthene	23.299	252	23884	0.440	ng/ul	100
25) Benzo(k)fluoranthene	23.351	252	23932	0.455	ng/ul	100
26) Benzo(a)pyrene	23.962	252	19369	0.444	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.710	276	24701	0.441	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.731	278	19939	0.443	ng/ul	100
29) Benzo(g,h,i)perylene	27.529	276	21311	0.448	ng/ul	98

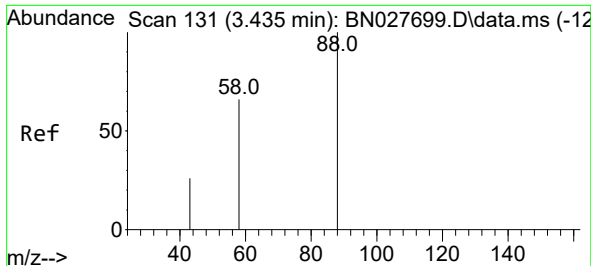
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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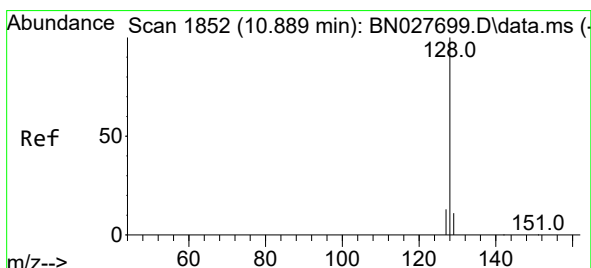
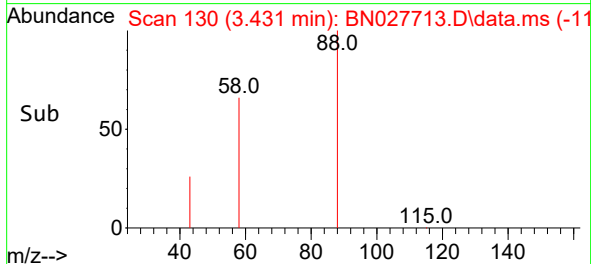
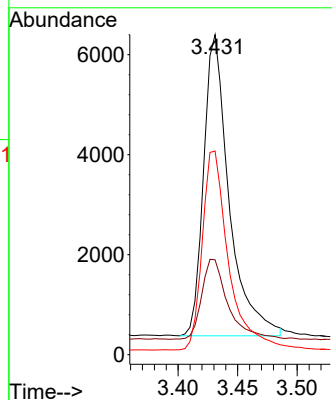
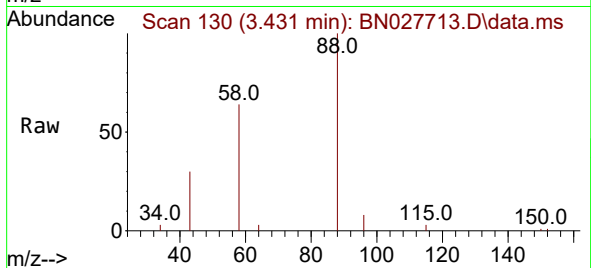




#2
1,4-Dioxane
Concen: 2.101 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

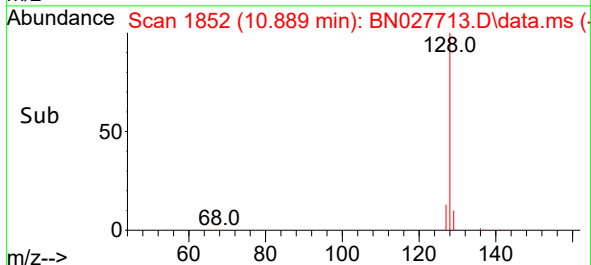
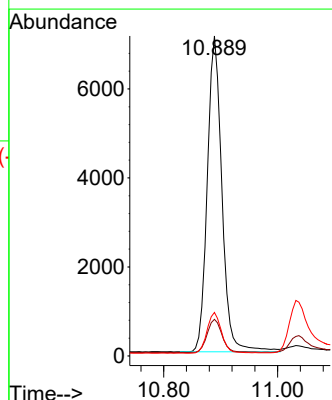
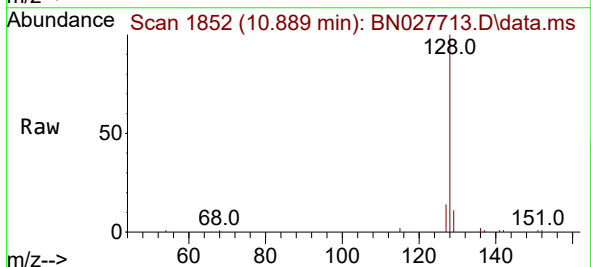
Instrument :
BNA_N
ClientSampleId :
SLCS434

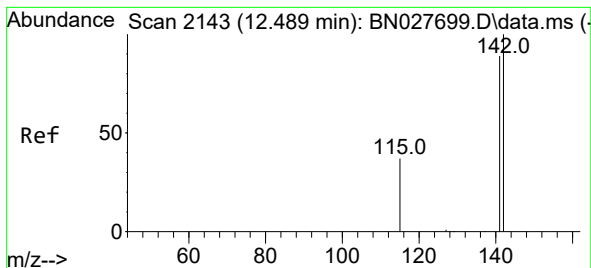
Tgt Ion: 88 Resp: 8980
Ion Ratio Lower Upper
88 100
43 29.6 39.6 59.4#
58 63.6 48.3 72.5



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Tgt Ion:128 Resp: 12700
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 10.7 16.1

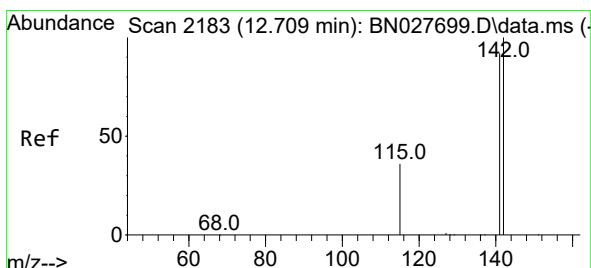
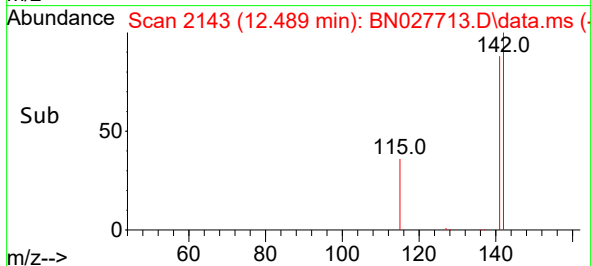
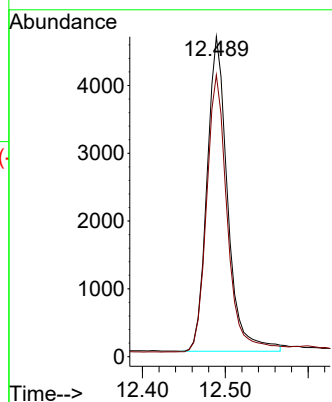
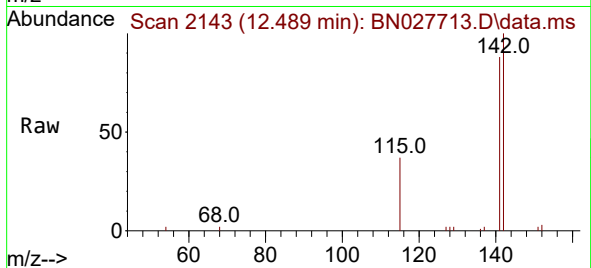




#7
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

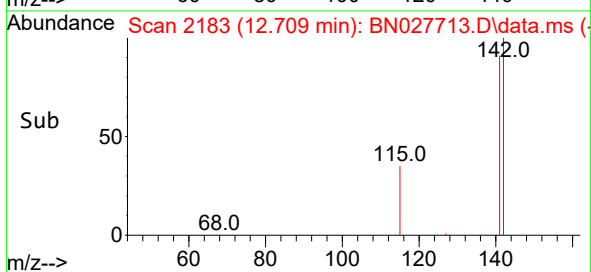
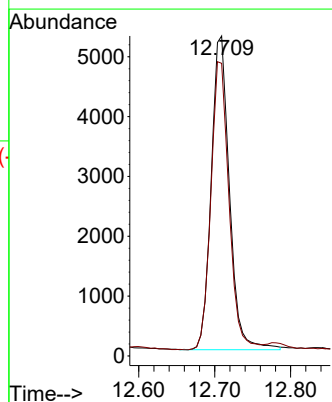
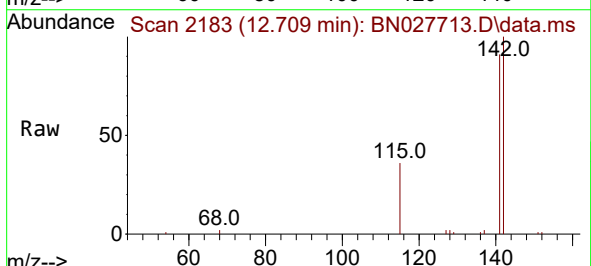
Instrument :
BNA_N
ClientSampleId :
SLCS434

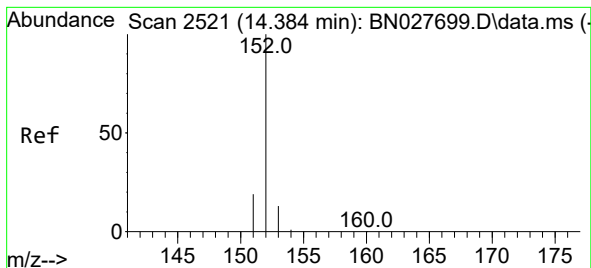
Tgt Ion:142 Resp: 8026
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Tgt Ion:142 Resp: 8714
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2





#10

Acenaphthylene

Concen: 0.444 ng/ul

RT: 14.384 min Scan# 2521

Delta R.T. 0.005 min

Lab File: BN027713.D

Acq: 16 Sep 2023 02:23

Instrument :

BNA_N

ClientSampleId :

SLCS434

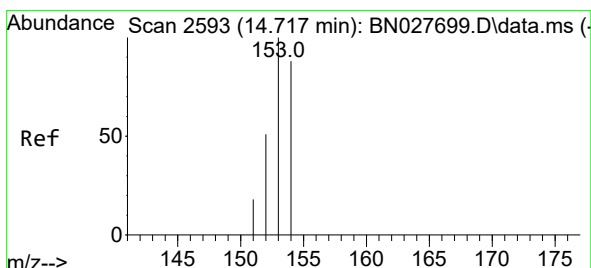
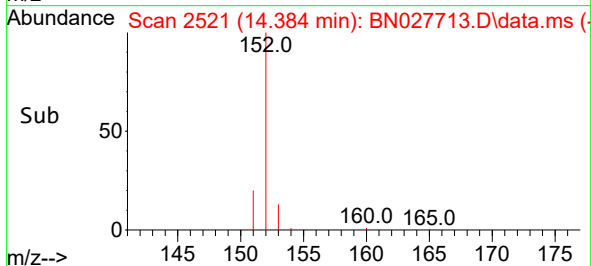
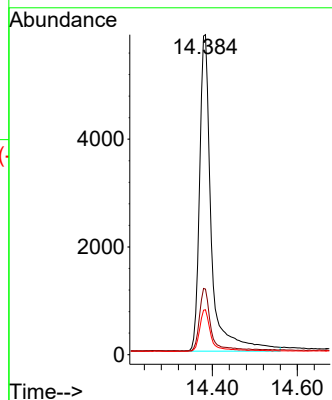
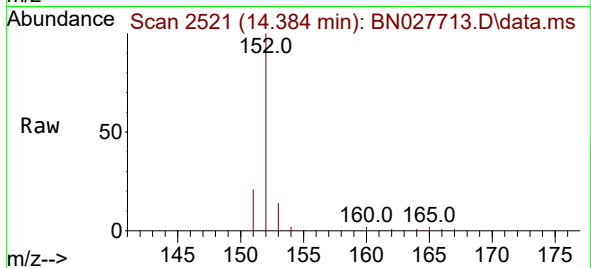
Tgt Ion:152 Resp: 11361

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

153 14.0 11.0 16.6



#11

Acenaphthene

Concen: 0.446 ng/ul

RT: 14.717 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BN027713.D

Acq: 16 Sep 2023 02:23

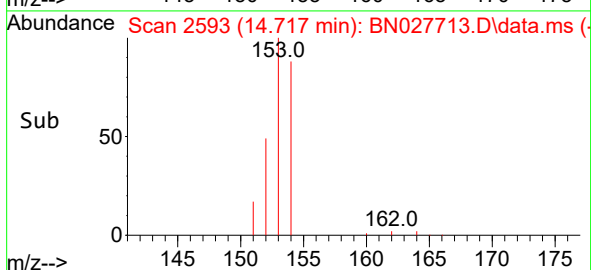
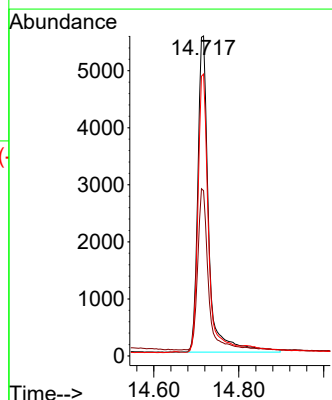
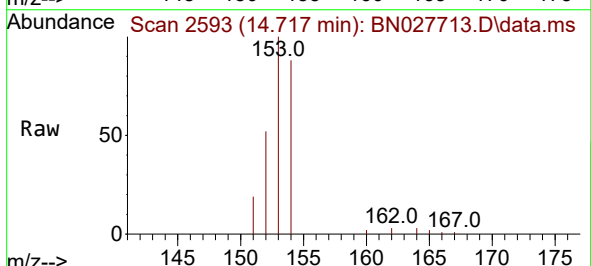
Tgt Ion:153 Resp: 9870

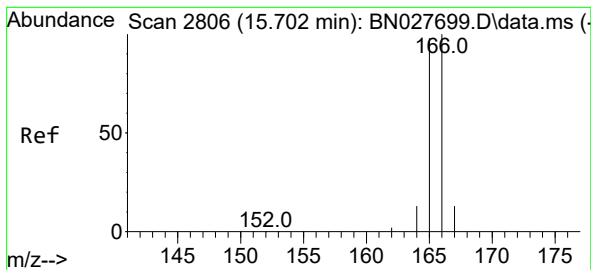
Ion Ratio Lower Upper

153 100

152 51.7 41.7 62.5

154 88.1 70.3 105.5





#12

Fluorene

Concen: 0.451 ng/ul

RT: 15.702 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027713.D

Acq: 16 Sep 2023 02:23

Instrument :

BNA_N

ClientSampleId :

SLCS434

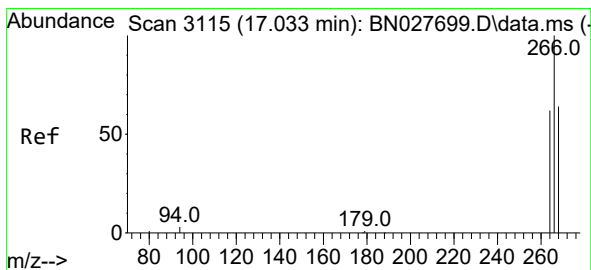
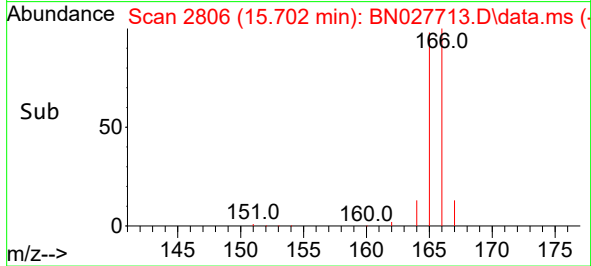
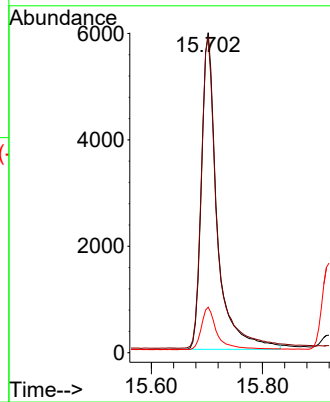
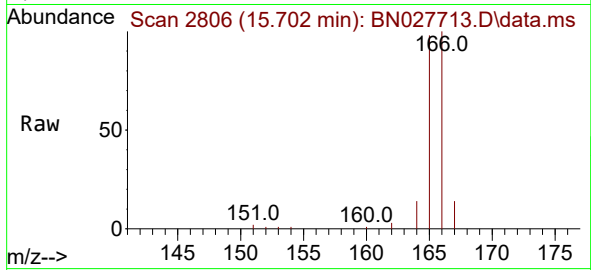
Tgt Ion:166 Resp: 11725

Ion Ratio Lower Upper

166 100

165 98.4 78.0 117.0

167 14.2 11.4 17.2



#14

Pentachlorophenol

Concen: 0.767 ng/ul

RT: 17.033 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BN027713.D

Acq: 16 Sep 2023 02:23

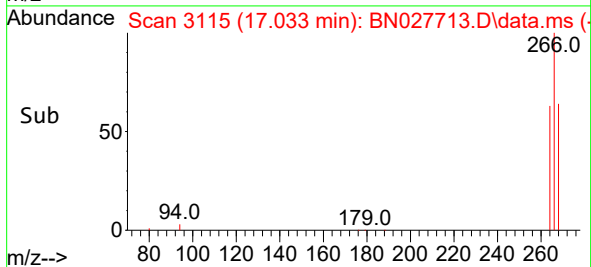
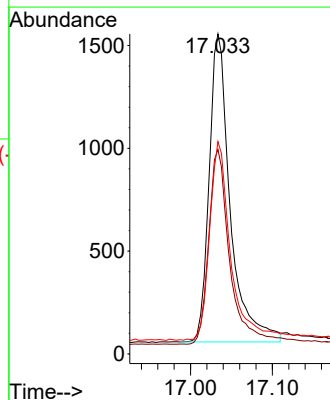
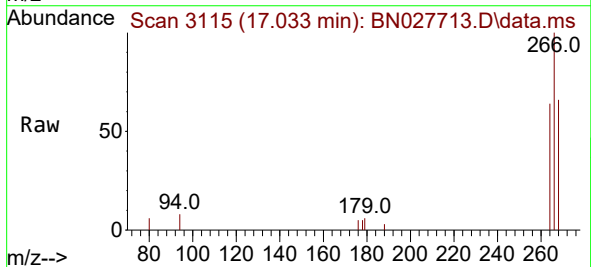
Tgt Ion:266 Resp: 2683

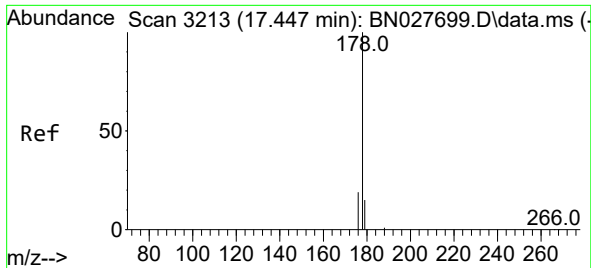
Ion Ratio Lower Upper

266 100

264 63.3 49.6 74.4

268 64.1 50.7 76.1

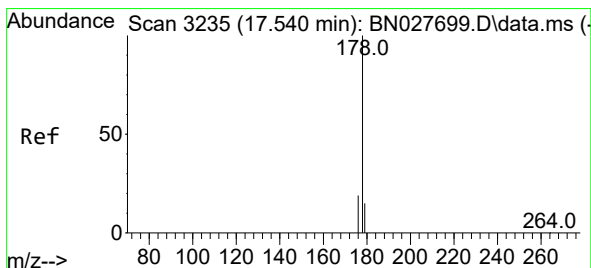
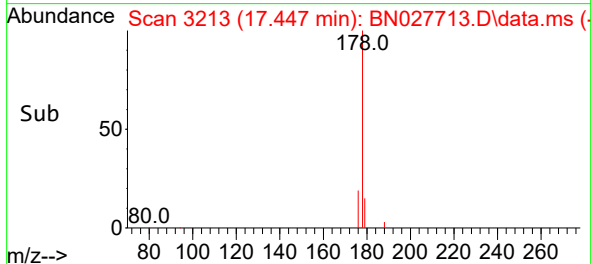
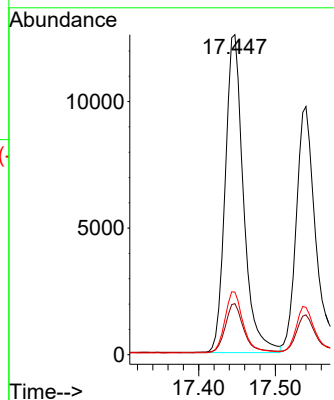
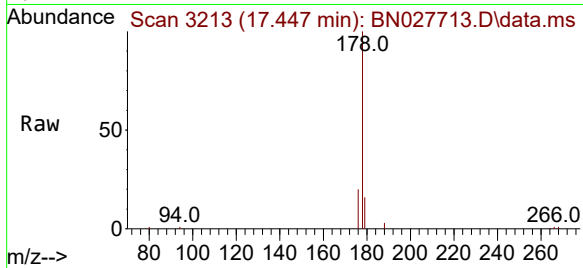




#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.447 min Scan# 3213
Delta R.T. 0.004 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

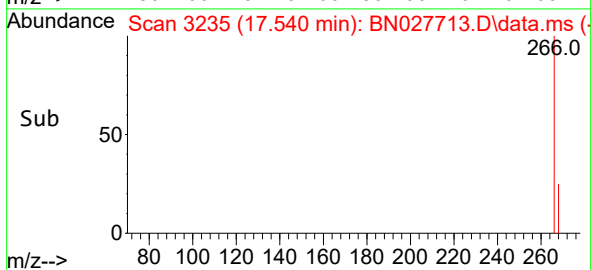
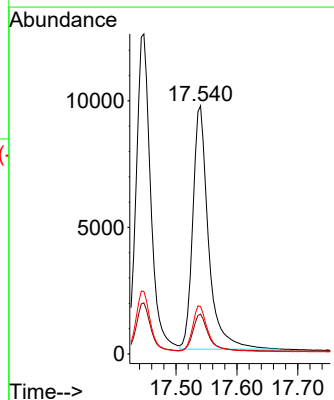
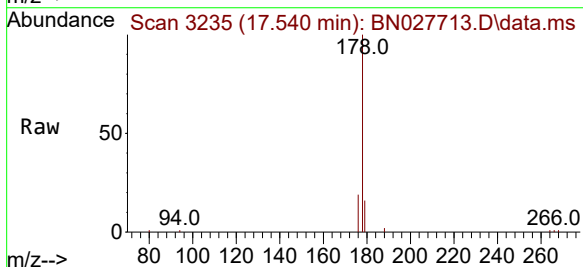
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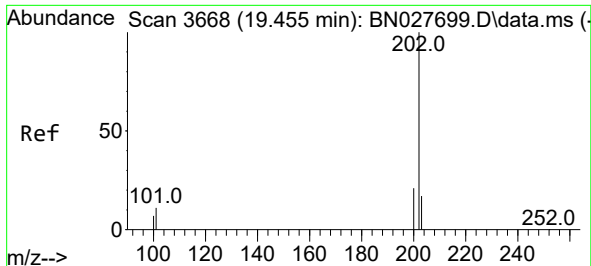
Tgt Ion:178 Resp: 20772
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.438 ng/ul
RT: 17.540 min Scan# 3235
Delta R.T. 0.000 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Tgt Ion:178 Resp: 17231
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.1 15.5 23.3

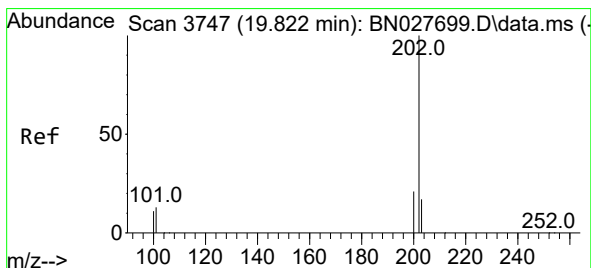
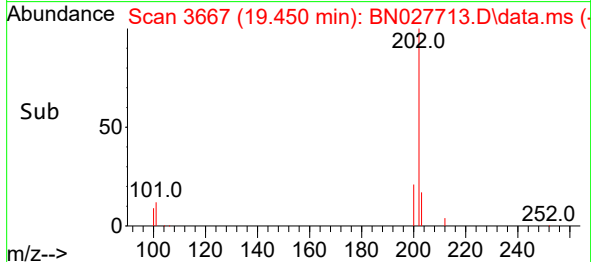
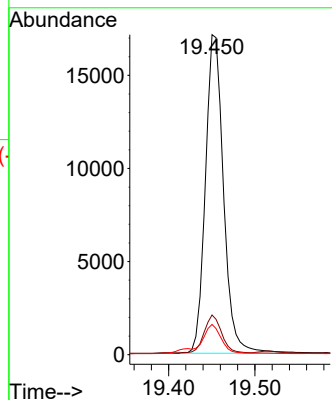
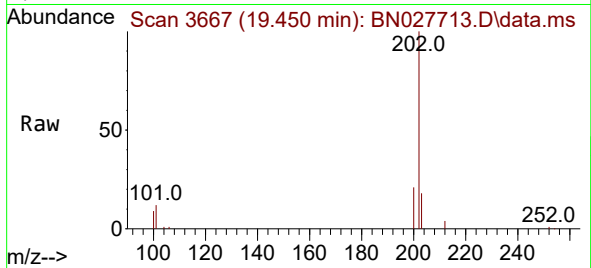




#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.450 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

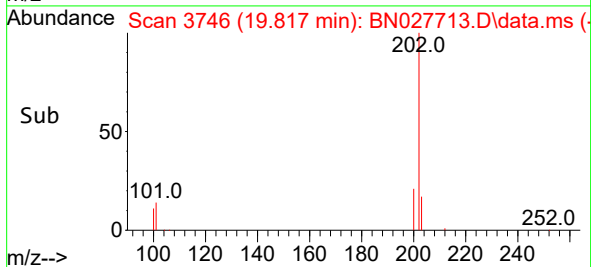
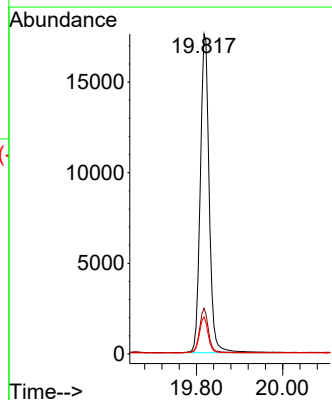
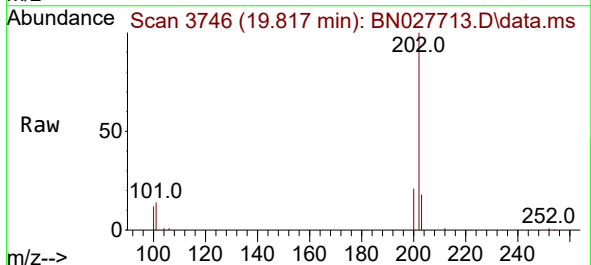
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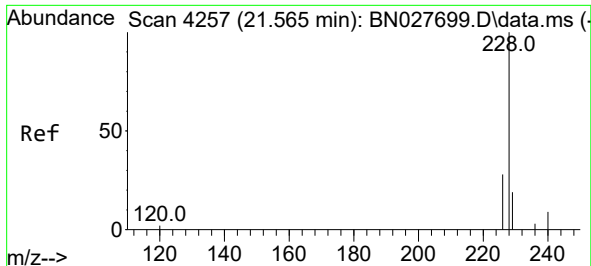
Tgt Ion:202 Resp: 24998
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 9.5 7.0 10.4



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. 0.000 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Tgt Ion:202 Resp: 25293
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.5 9.1 13.7

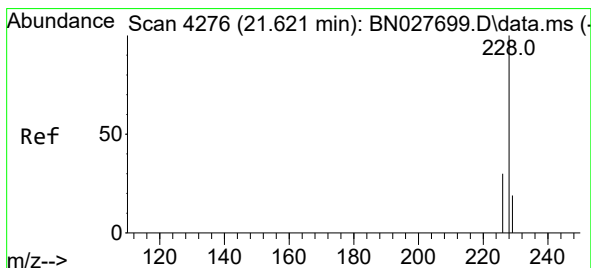
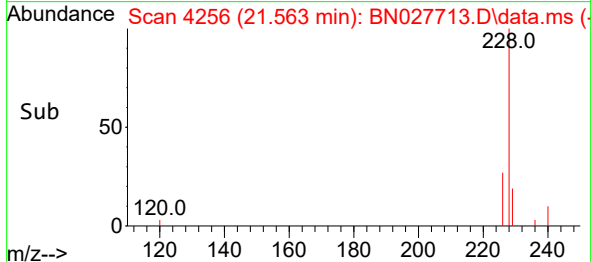
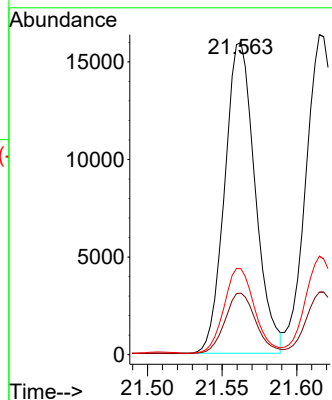
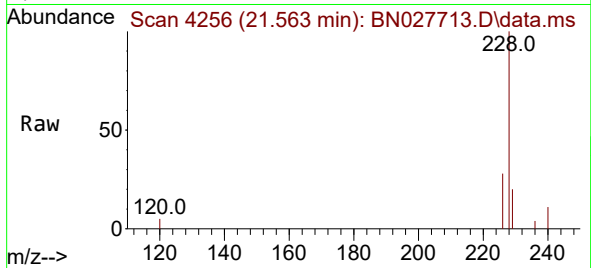




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.563 min Scan# 4257
Delta R.T. -0.003 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

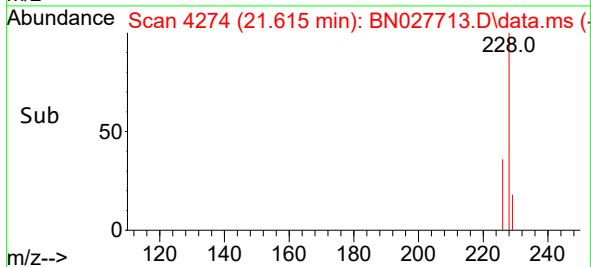
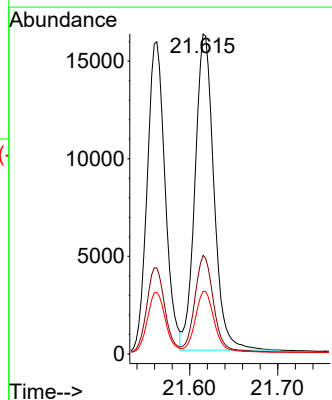
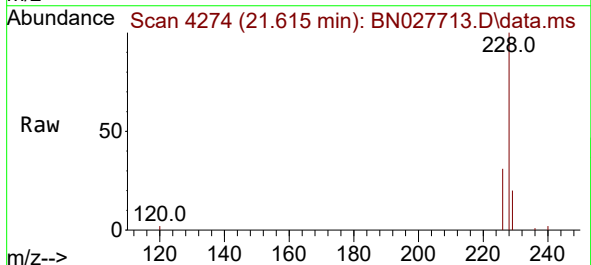
Instrument :
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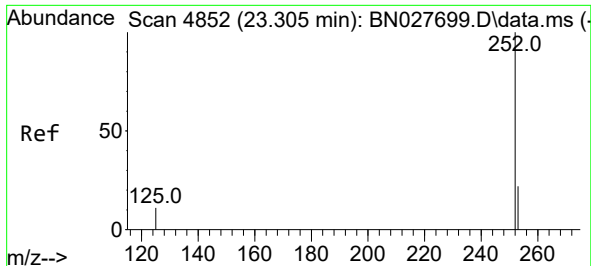
Tgt Ion:228 Resp: 22563
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Tgt Ion:228 Resp: 24185
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 19.5 16.0 24.0

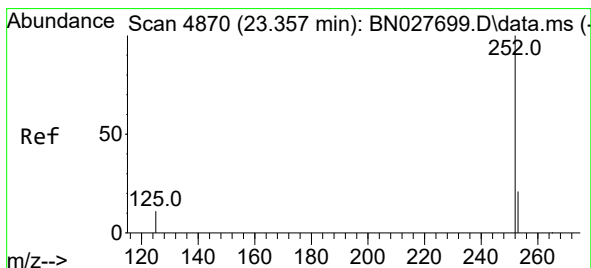
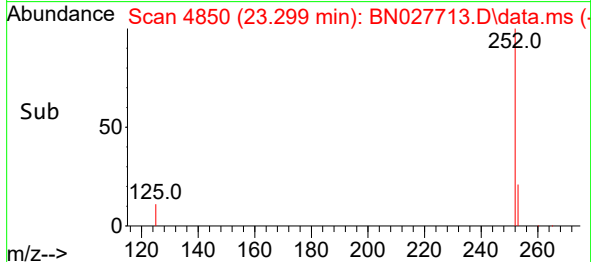
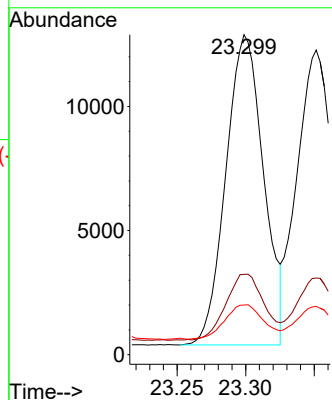
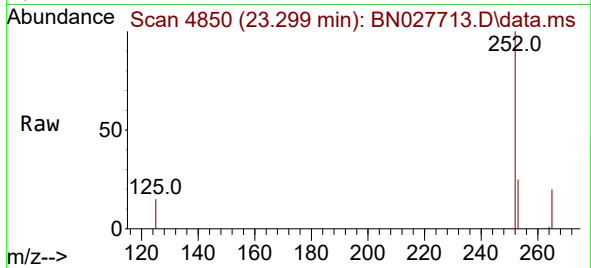




#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 23.299 min Scan# 4850
Delta R.T. -0.003 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

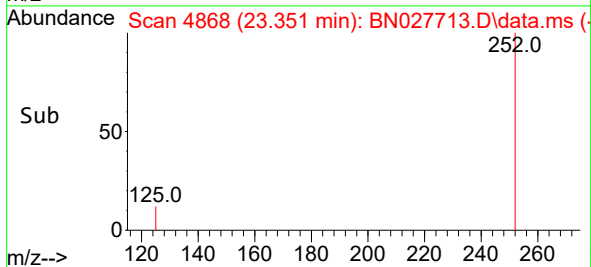
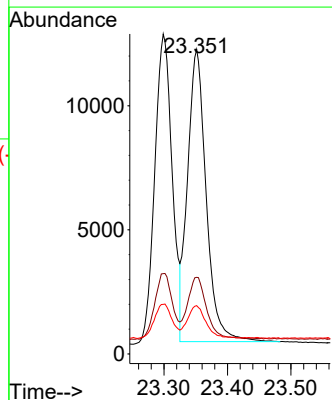
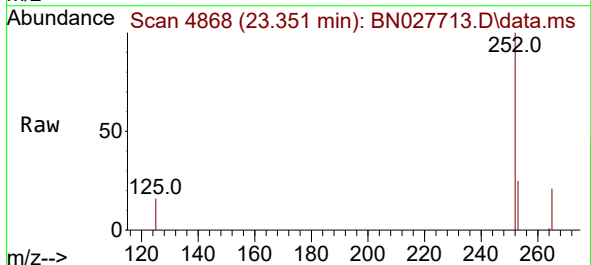
Instrument :
BNA_N
ClientSampleId :
SLCS434

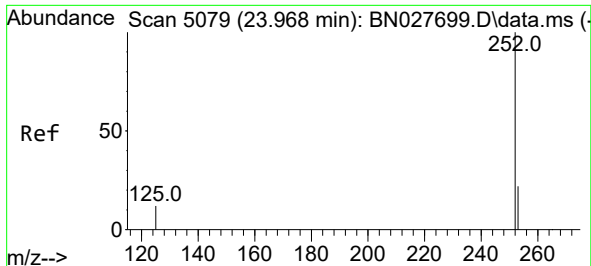
Tgt Ion:252 Resp: 23884
Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.2
125 15.5 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

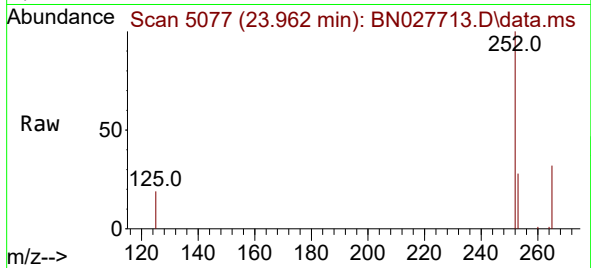
Tgt Ion:252 Resp: 23932
Ion Ratio Lower Upper
252 100
253 25.2 19.9 29.9
125 15.8 12.6 19.0



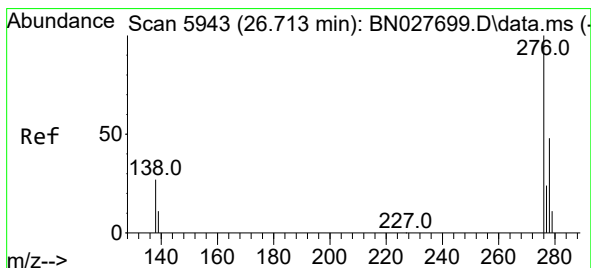
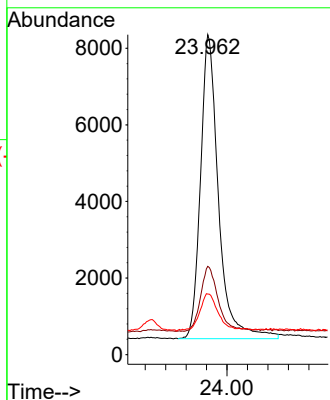
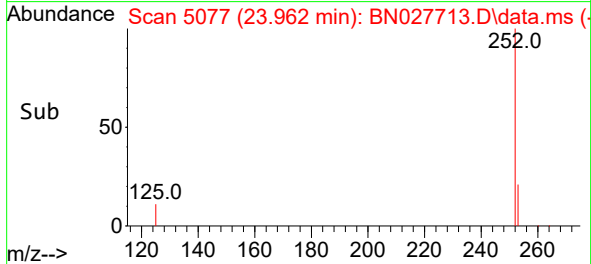


#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.962 min Scan# 5077
Delta R.T. -0.006 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Instrument :
BNA_N
ClientSampleId :
SLCS434

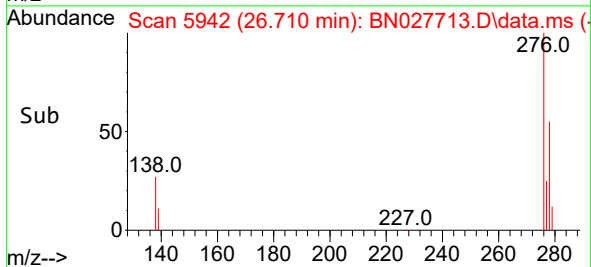
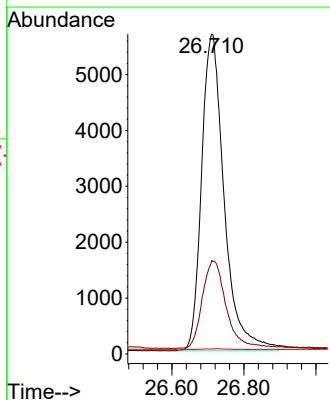
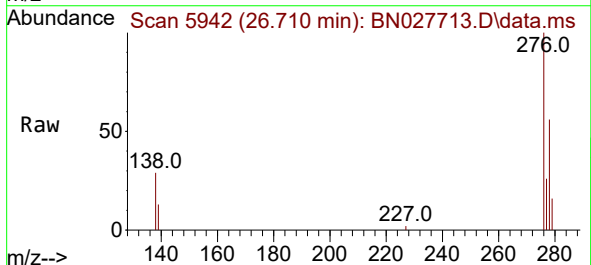


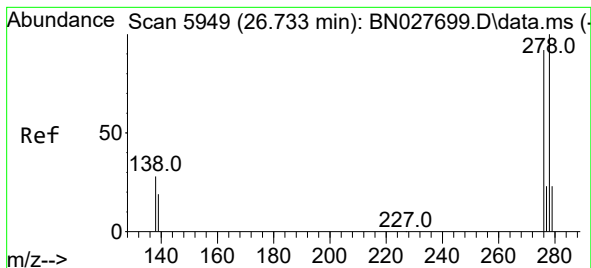
Tgt Ion:	252	Resp:	19369
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.9	32.9
125	19.0	15.5	23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 26.710 min Scan# 5942
Delta R.T. -0.006 min
Lab File: BN027713.D
Acq: 16 Sep 2023 02:23

Tgt Ion:	276	Resp:	24701
Ion Ratio	Lower	Upper	
276	100		
138	29.0	24.3	36.5
227	0.1	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.443 ng/ul

RT: 26.731 min Scan# 5949

Delta R.T. -0.006 min

Lab File: BN027713.D

Acq: 16 Sep 2023 02:23

Instrument :

BNA_N

ClientSampleId :

SLCS434

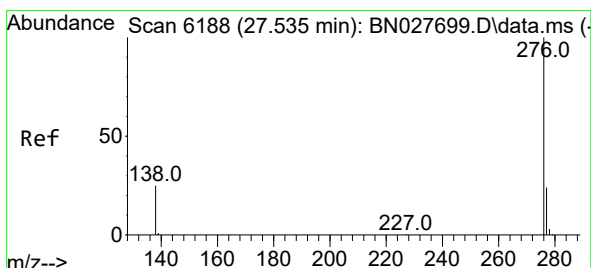
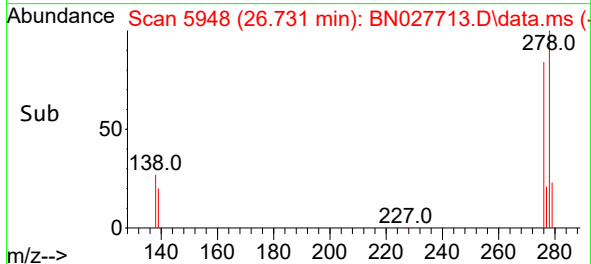
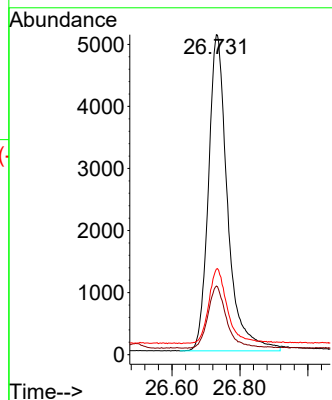
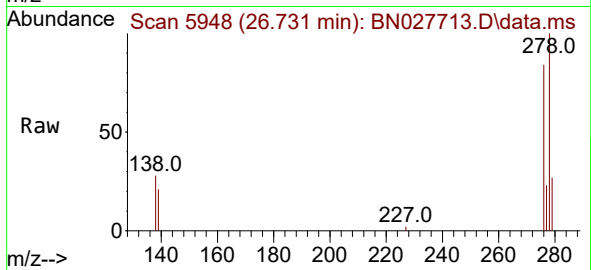
Tgt Ion:278 Resp: 19939

Ion Ratio Lower Upper

278 100

139 21.5 17.2 25.8

279 26.7 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.448 ng/ul

RT: 27.529 min Scan# 6186

Delta R.T. -0.003 min

Lab File: BN027713.D

Acq: 16 Sep 2023 02:23

Tgt Ion:276 Resp: 21311

Ion Ratio Lower Upper

276 100

138 26.3 21.7 32.5

277 24.4 20.2 30.2

