

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027458.D
 Acq On : 08 Sep 2023 01:31
 Operator : MA/JU
 Sample : PB155069BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS069

Quant Time: Sep 08 02:35:51 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

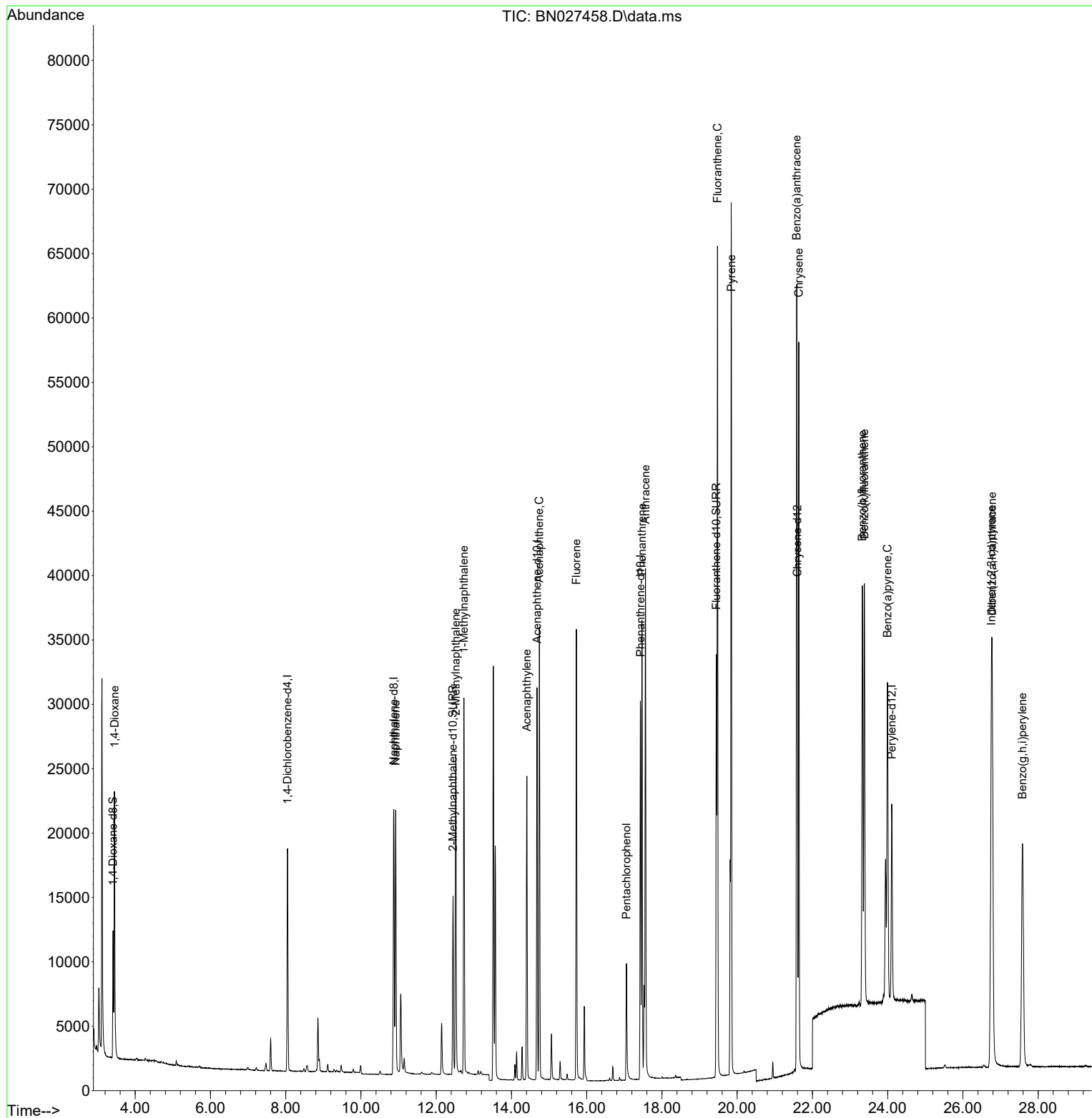
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	8945	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.872	136	30138	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	16973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	34966	0.400	ng/ul	-0.01
17) Chrysene-d12	21.598	240	23139	0.400	ng/ul	-0.01
23) Perylene-d12	24.109	264	21833	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	6768	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	18583	0.406	ng/ul	-0.01
18) Fluoranthene-d10	19.446	212	36587	0.461	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	15689	1.303	ng/ul#	85
5) Naphthalene	10.922	128	28360	0.324	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	18423	0.337	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	19989	0.343	ng/ul	100
10) Acenaphthylene	14.407	152	27128	0.349	ng/ul	99
11) Acenaphthene	14.740	153	20525	0.307	ng/ul	97
12) Fluorene	15.725	166	22919	0.306	ng/ul	98
14) Pentachlorophenol	17.054	266	6539	0.959	ng/ul	100
15) Phenanthrene	17.468	178	38016	0.334	ng/ul	100
16) Anthracene	17.561	178	42174	0.466	ng/ul	98
19) Fluoranthene	19.478	202	55413	0.521	ng/ul	97
20) Pyrene	19.841	202	56769	0.524	ng/ul	97
21) Benzo(a)anthracene	21.583	228	50797	0.609	ng/ul	99
22) Chrysene	21.638	228	49855	0.512	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	47148	0.457	ng/ul	97
25) Benzo(k)fluoranthene	23.381	252	46594	0.462	ng/ul	97
26) Benzo(a)pyrene	23.994	252	40211	0.499	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.757	276	50788	0.568	ng/ul	95
28) Dibenzo(a,h)anthracene	26.777	278	40823	0.597	ng/ul	95
29) Benzo(g,h,i)perylene	27.582	276	41985	0.520	ng/ul	97

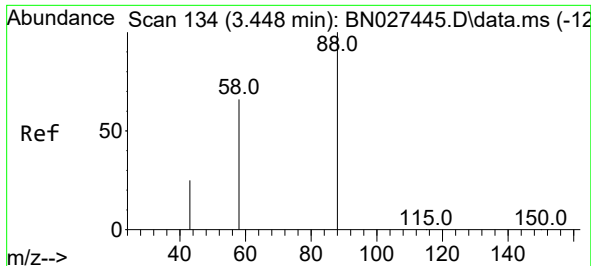
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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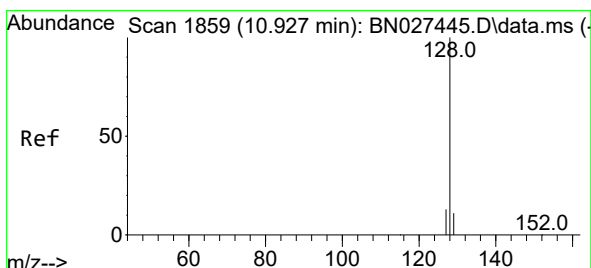
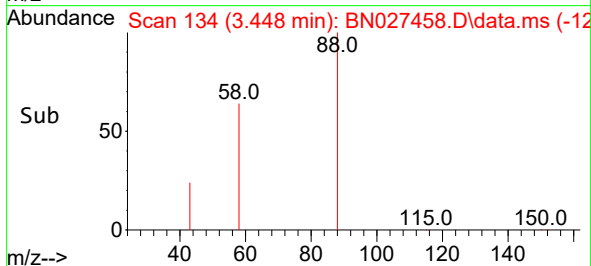
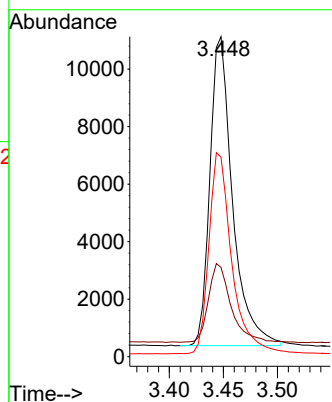
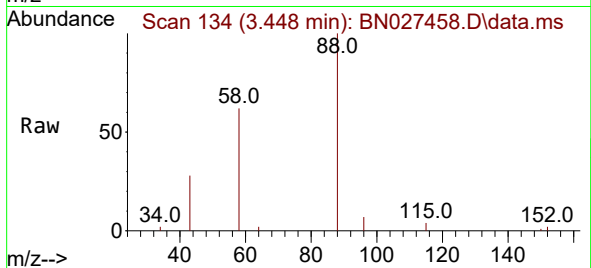




#2
1,4-Dioxane
Concen: 1.303 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

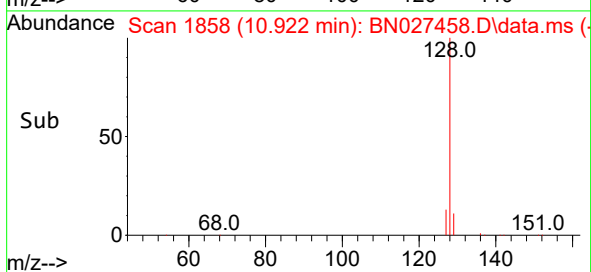
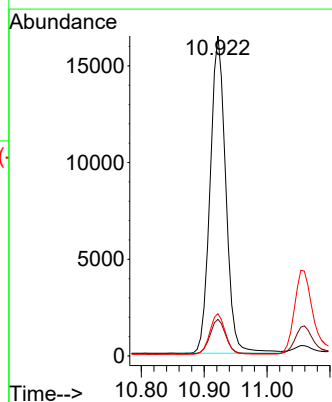
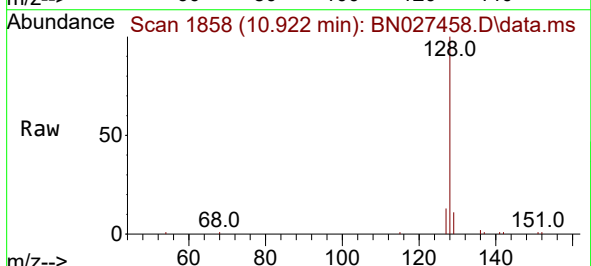
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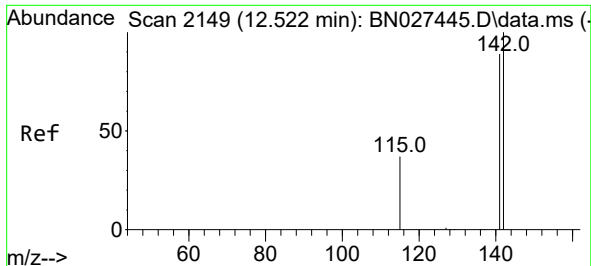
Tgt Ion: 88 Resp: 15689
Ion Ratio Lower Upper
88 100
43 27.9 26.8 40.2
58 62.4 39.9 59.9#



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

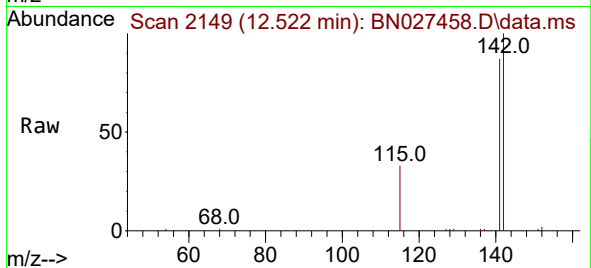
Tgt Ion:128 Resp: 28360
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.2 10.6 16.0



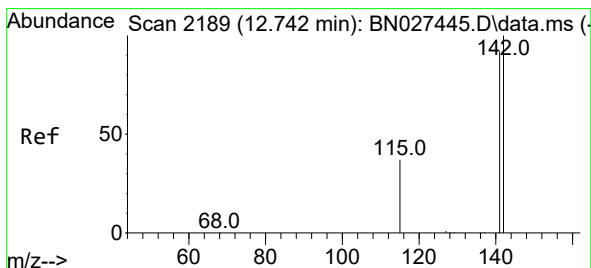
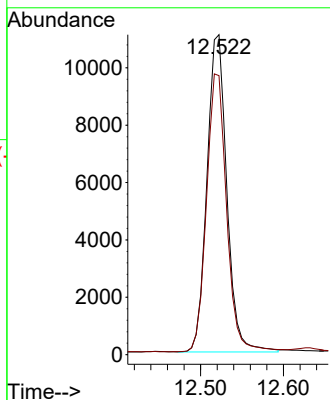
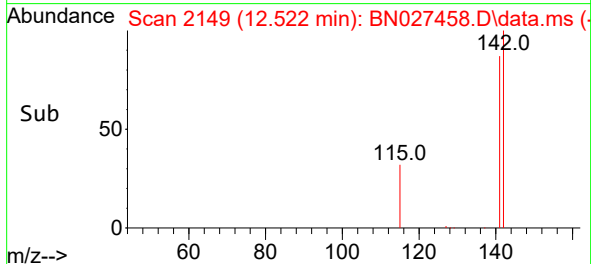


#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

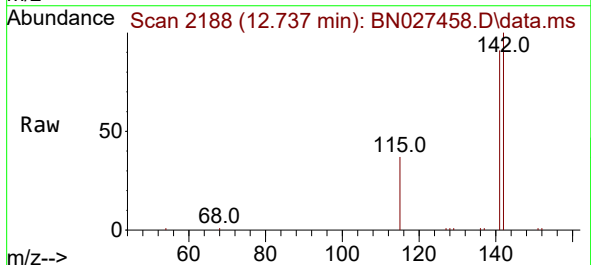
Instrument :
BNA_N
ClientSampleId :
SLCS069



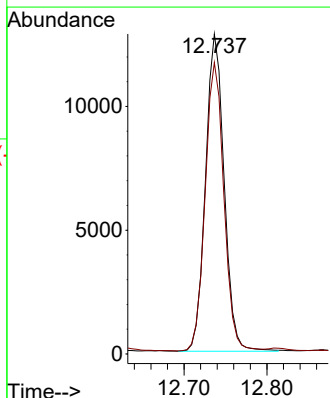
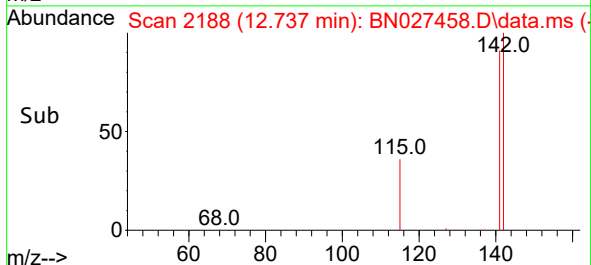
Tgt Ion:142 Resp: 18423
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4

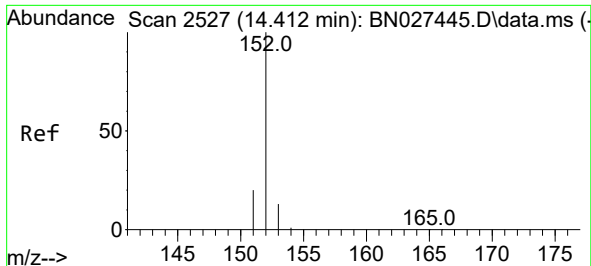


#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31



Tgt Ion:142 Resp: 19989
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

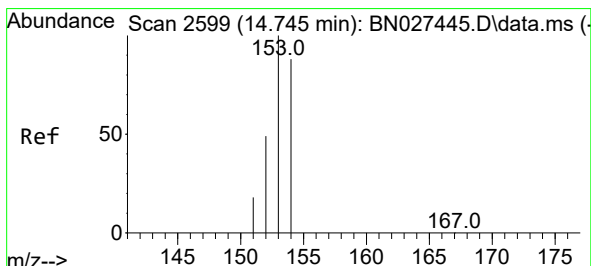
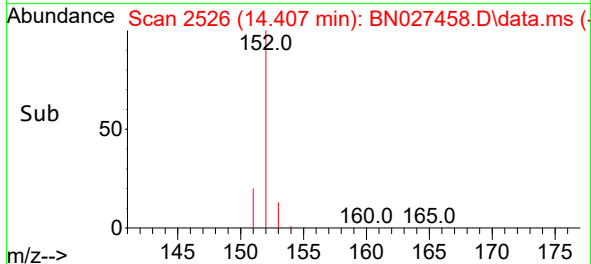
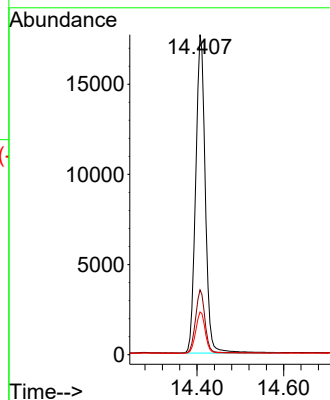
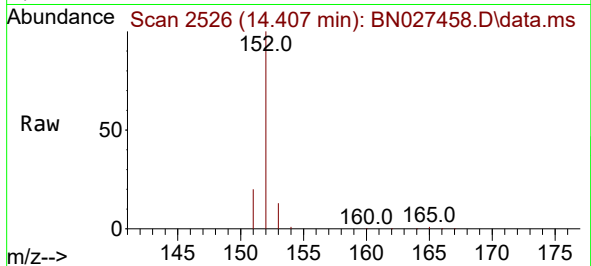




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.407 min Scan# 2527
Delta R.T. -0.014 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

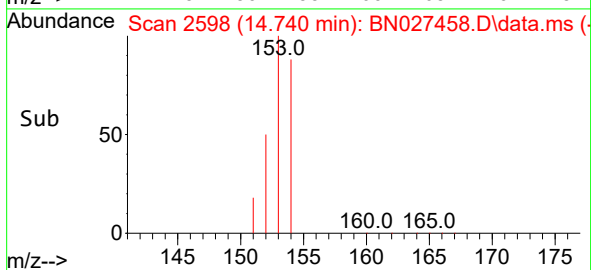
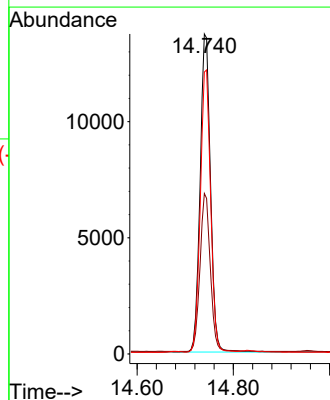
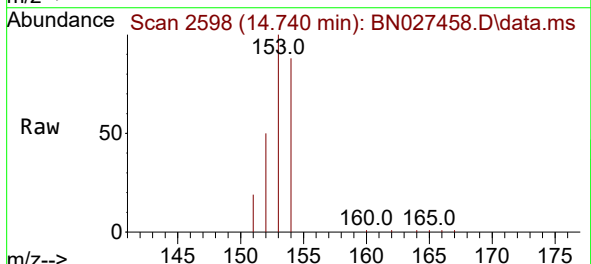
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SLCS069

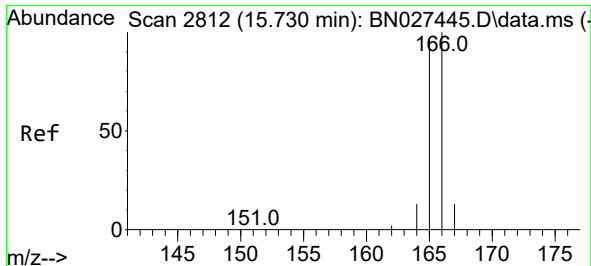
Tgt Ion:152 Resp: 27128
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.009 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Tgt Ion:153 Resp: 20525
Ion Ratio Lower Upper
153 100
152 50.2 42.9 64.3
154 88.1 69.4 104.0

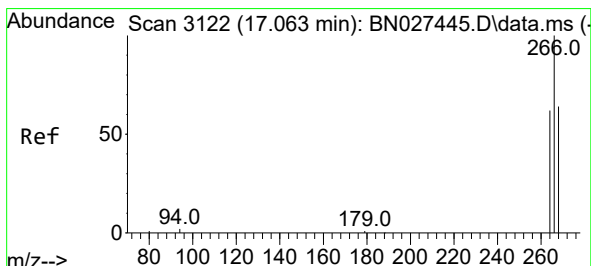
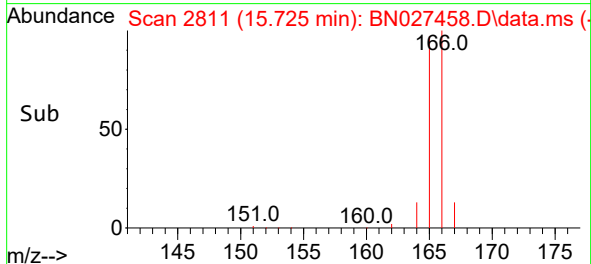
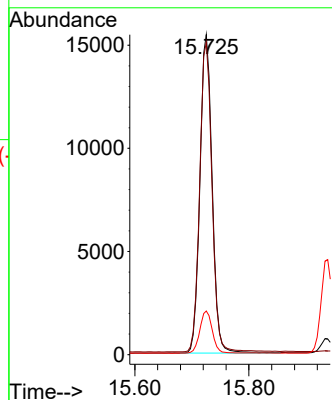
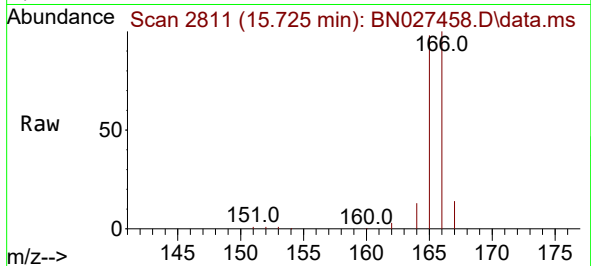




#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.725 min Scan# 2812
Delta R.T. -0.014 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

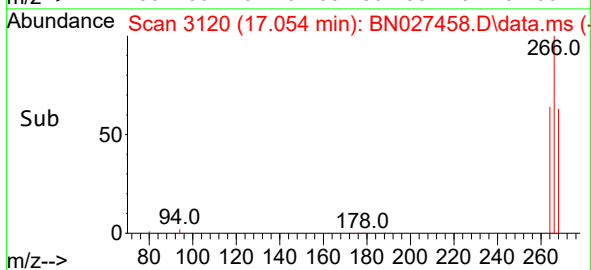
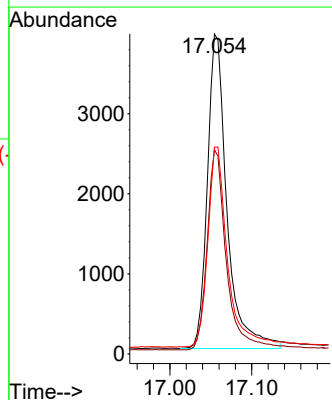
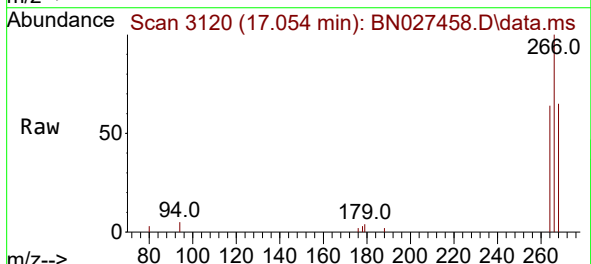
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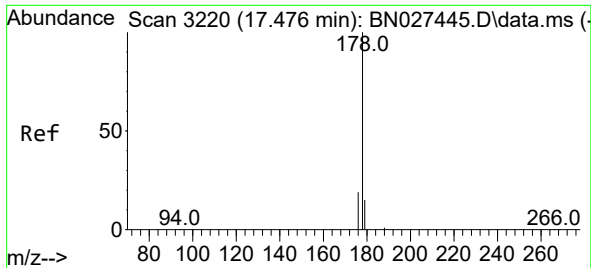
Tgt Ion:166 Resp: 22919
Ion Ratio Lower Upper
166 100
165 97.6 79.6 119.4
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.959 ng/ul
RT: 17.054 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Tgt Ion:266 Resp: 6539
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 64.6 51.9 77.9

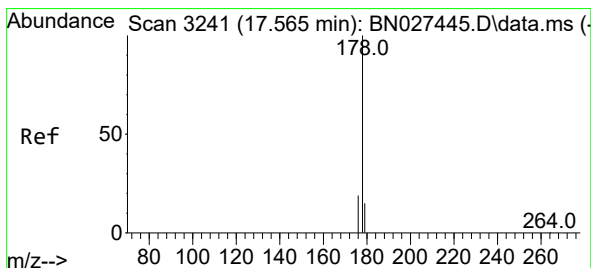
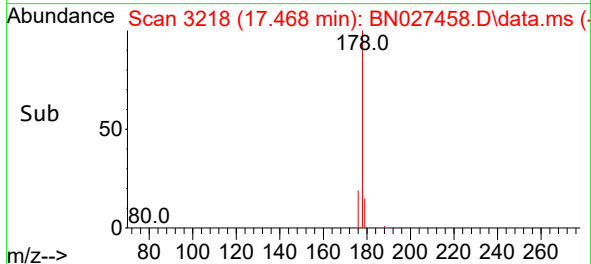
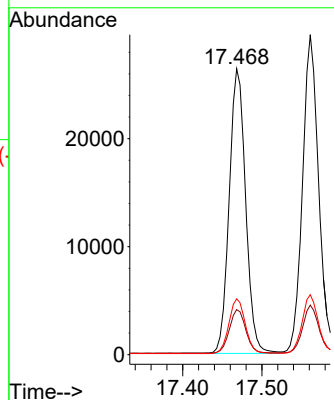
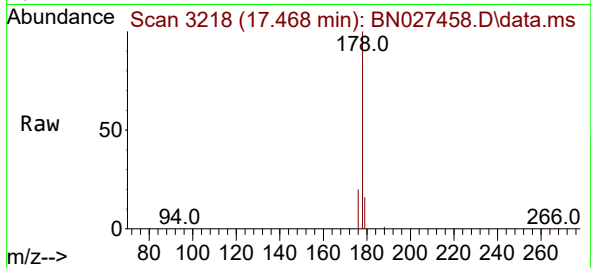




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.468 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

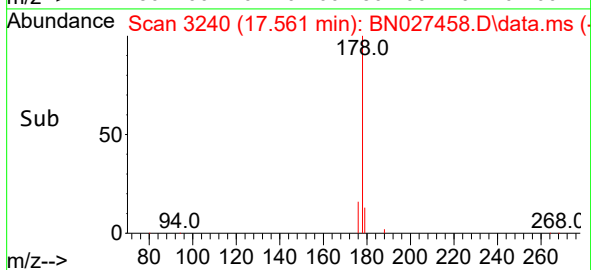
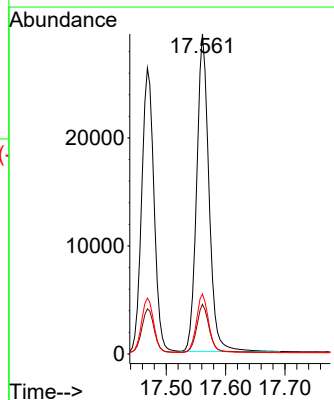
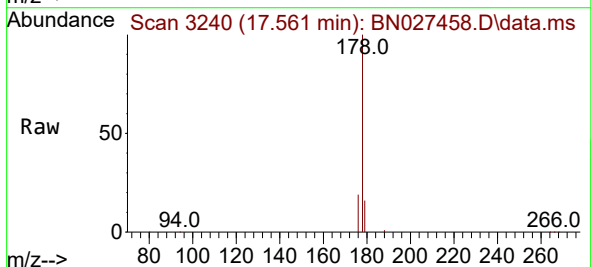
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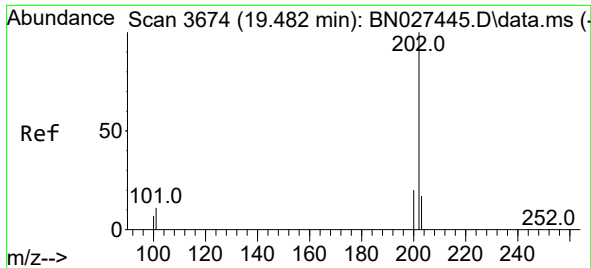
Tgt Ion:178 Resp: 38016
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.012 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Tgt Ion:178 Resp: 42174
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 18.8 15.6 23.4

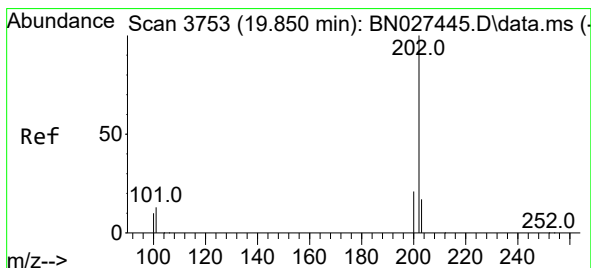
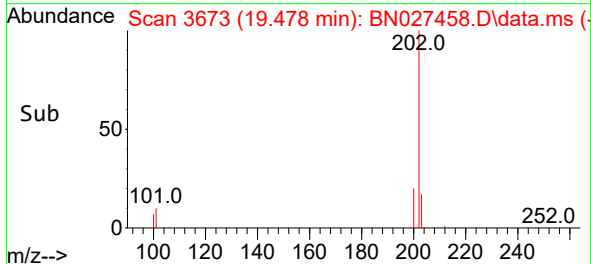
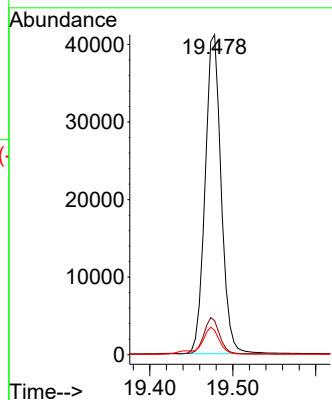
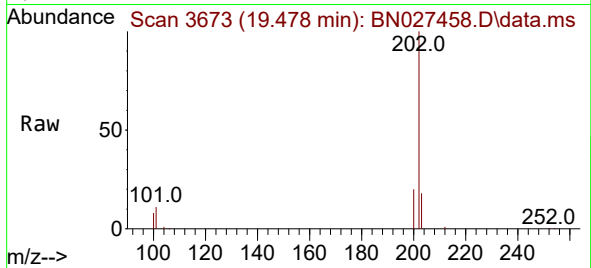




#19
Fluoranthene
Concen: 0.521 ng/ul
RT: 19.478 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

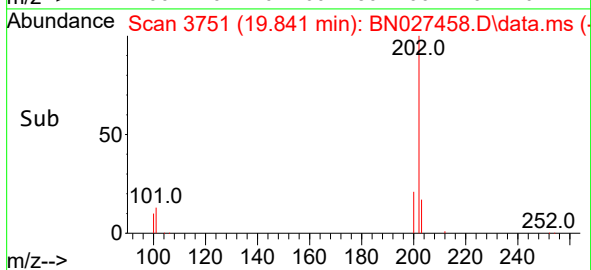
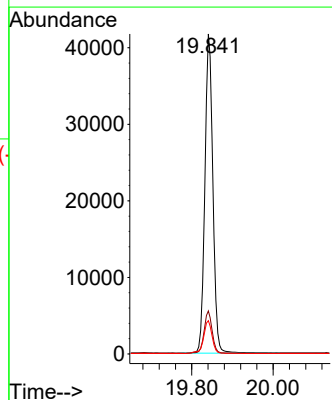
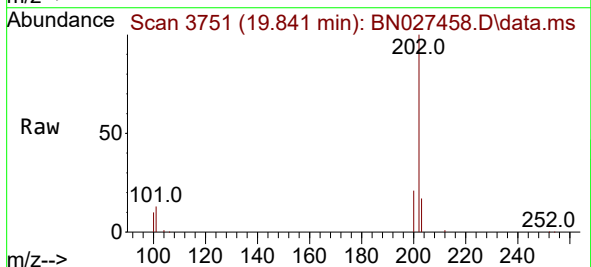
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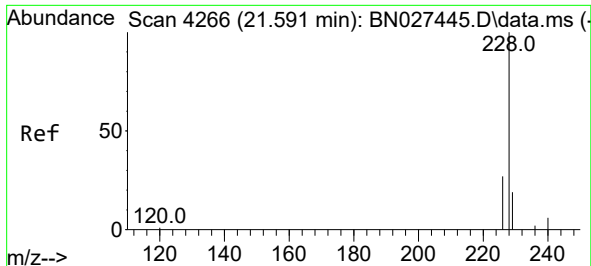
Tgt Ion:202 Resp: 55413
Ion Ratio Lower Upper
202 100
101 10.6 9.4 14.0
100 7.6 6.9 10.3



#20
Pyrene
Concen: 0.524 ng/ul
RT: 19.841 min Scan# 3751
Delta R.T. -0.009 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Tgt Ion:202 Resp: 56769
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.2
100 10.4 9.4 14.2

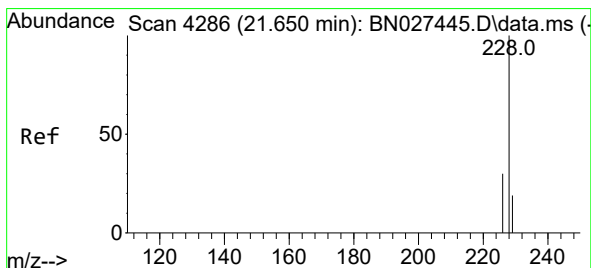
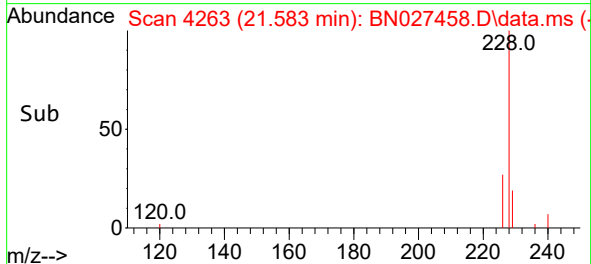
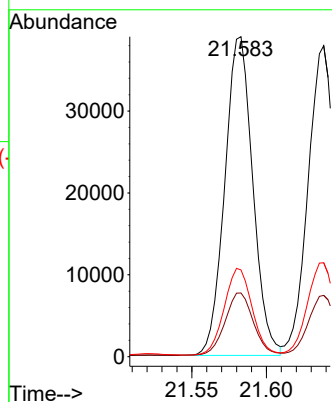
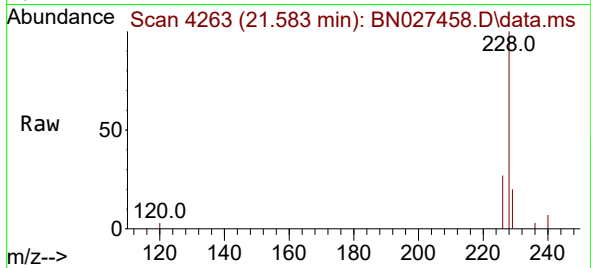




#21
Benzo(a)anthracene
Concen: 0.609 ng/ul
RT: 21.583 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

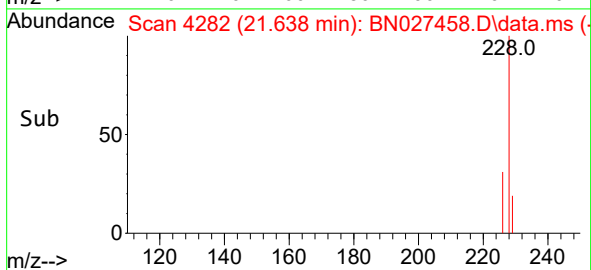
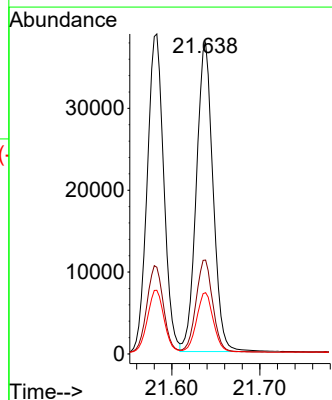
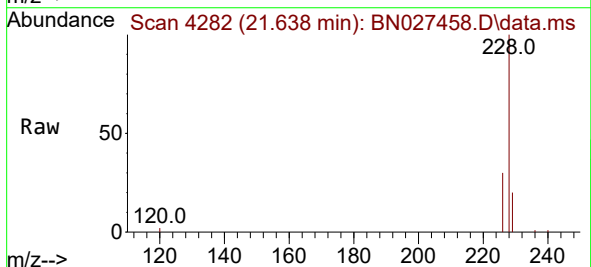
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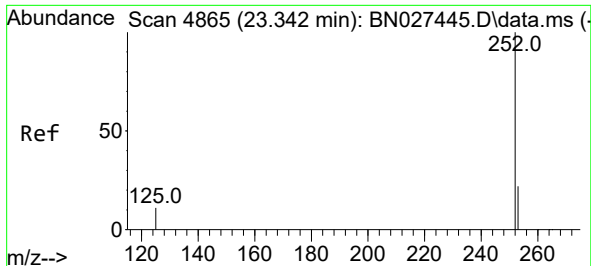
Tgt Ion:228 Resp: 50797
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.512 ng/ul
RT: 21.638 min Scan# 4282
Delta R.T. -0.009 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

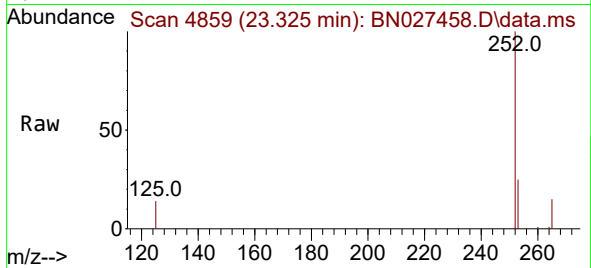
Tgt Ion:228 Resp: 49855
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.7 15.6 23.4



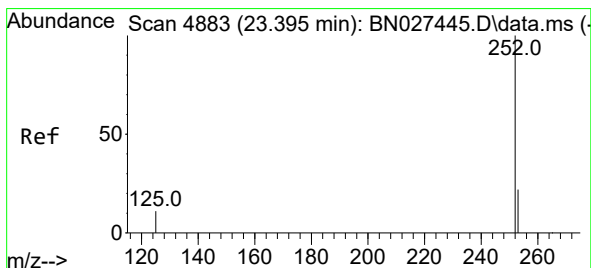
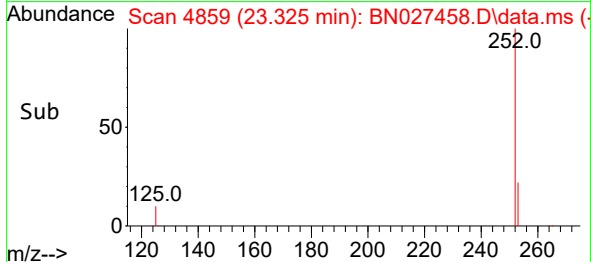
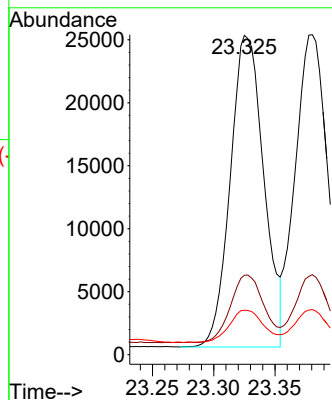


#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 23.325 min Scan# 4859
Delta R.T. -0.020 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Instrument :
BNA_N
ClientSampleId :
SLCS069

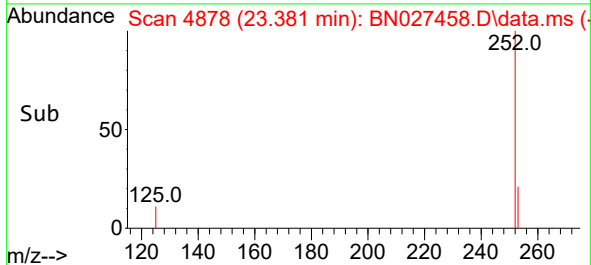
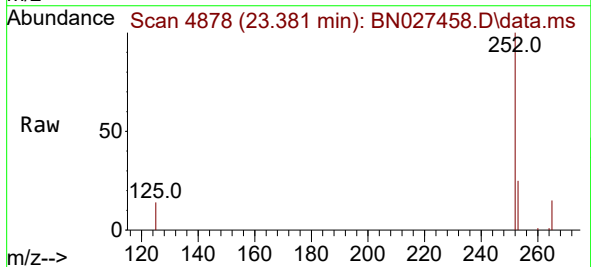
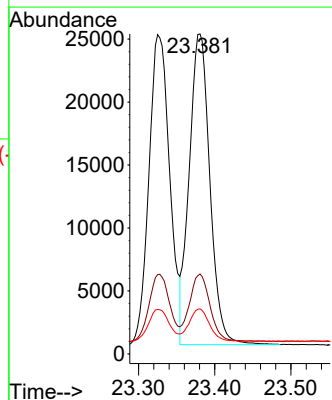


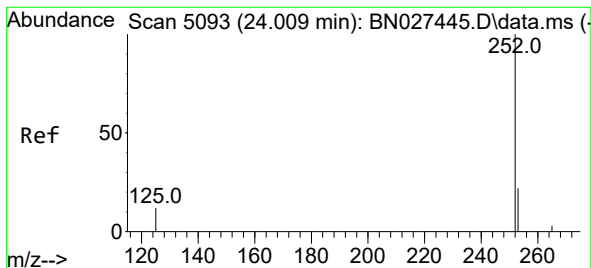
Tgt Ion:252 Resp: 47148
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.6
125 13.9 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.462 ng/ul
RT: 23.381 min Scan# 4878
Delta R.T. -0.017 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Tgt Ion:252 Resp: 46594
Ion Ratio Lower Upper
252 100
253 25.0 19.9 29.9
125 14.1 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.499 ng/ul

RT: 23.994 min Scan# 5093

Delta R.T. -0.023 min

Lab File: BN027458.D

Acq: 08 Sep 2023 01:31

Instrument :

BNA_N

ClientSampleId :

SLCS069

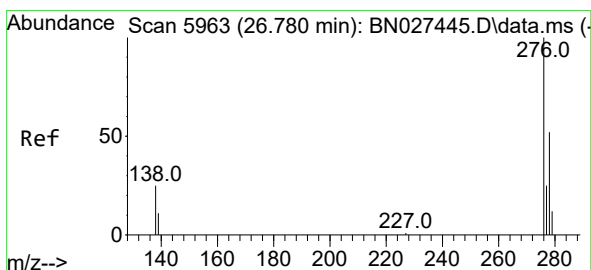
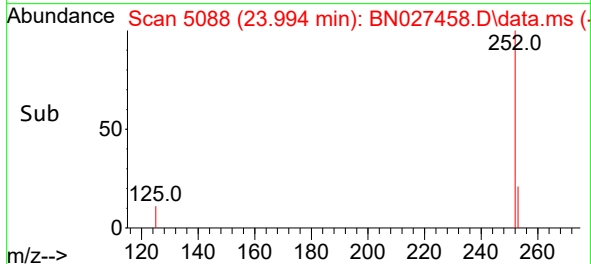
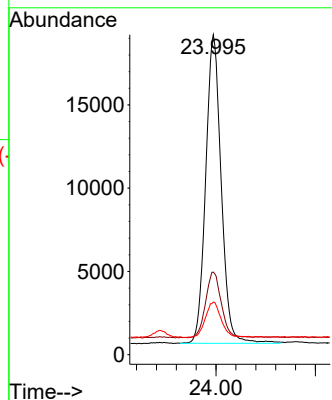
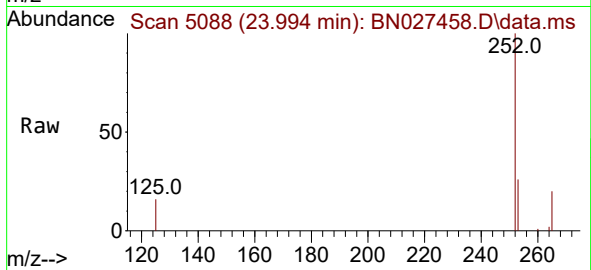
Tgt Ion:252 Resp: 40211

Ion Ratio Lower Upper

252 100

253 25.8 22.4 33.6

125 16.4 17.4 26.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.568 ng/ul

RT: 26.757 min Scan# 5956

Delta R.T. -0.043 min

Lab File: BN027458.D

Acq: 08 Sep 2023 01:31

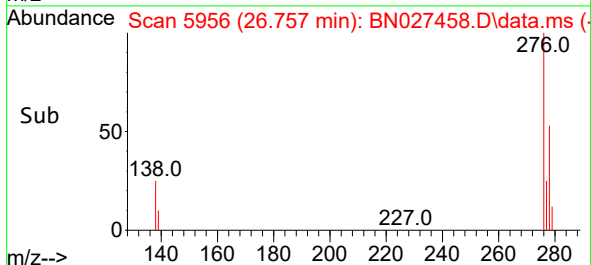
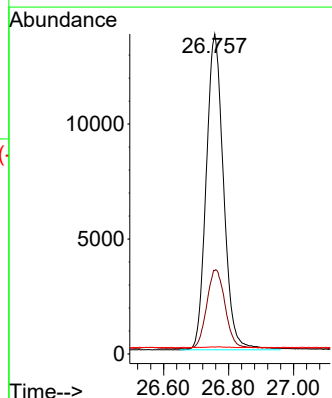
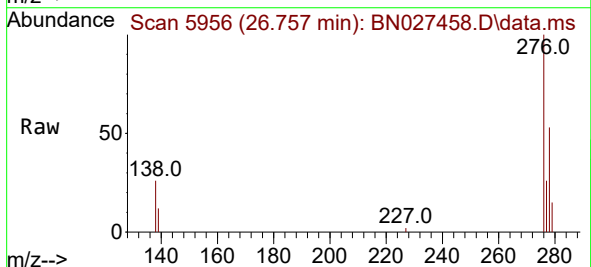
Tgt Ion:276 Resp: 50788

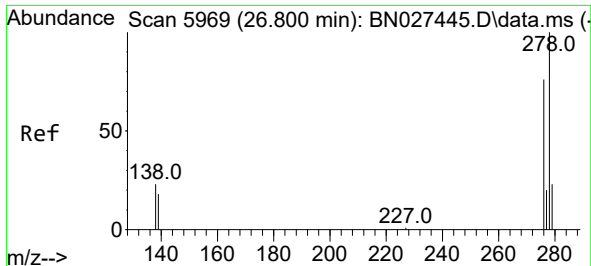
Ion Ratio Lower Upper

276 100

138 27.1 23.9 35.9

227 0.1 0.1 0.1

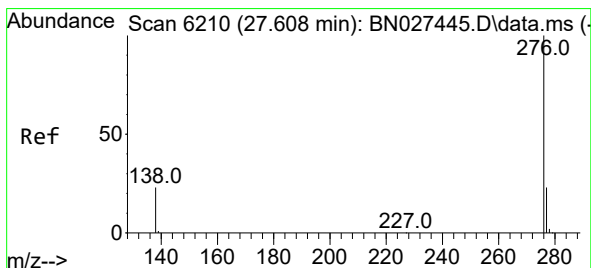
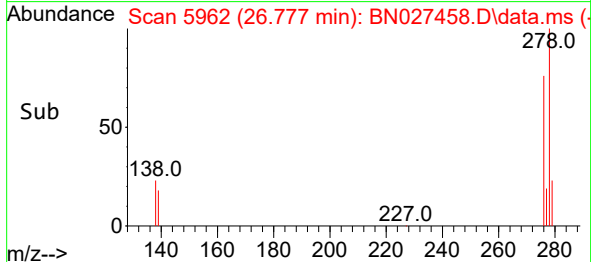
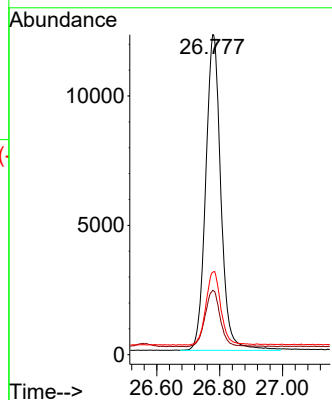
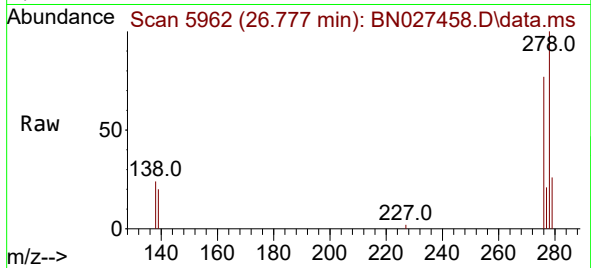




#28
Dibenzo(a,h)anthracene
Concen: 0.597 ng/ul
RT: 26.777 min Scan# 5962
Delta R.T. -0.056 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Instrument :
BNA_N
ClientSampleId :
SLCS069

Tgt Ion:278 Resp: 40823
Ion Ratio Lower Upper
278 100
139 20.1 18.0 27.0
279 25.7 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.520 ng/ul
RT: 27.582 min Scan# 6202
Delta R.T. -0.046 min
Lab File: BN027458.D
Acq: 08 Sep 2023 01:31

Tgt Ion:276 Resp: 41985
Ion Ratio Lower Upper
276 100
138 24.9 22.1 33.1
277 25.3 20.2 30.4

