

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027540.D
 Acq On : 10 Sep 2023 14:48
 Operator : MA/JU
 Sample : PB155304BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS304

Quant Time: Sep 11 01:19:30 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 : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

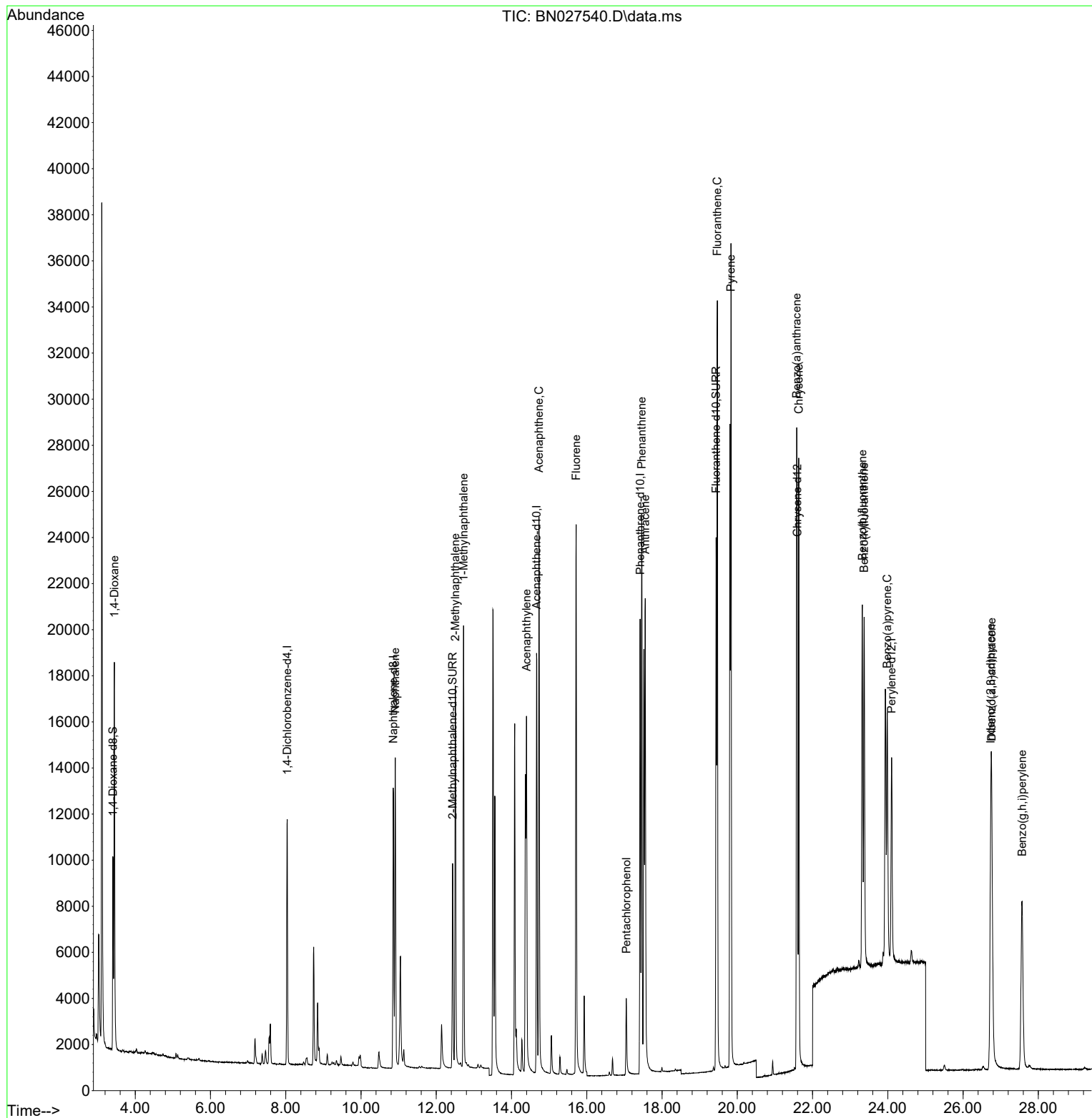
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	5448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	17937	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.666	164	10723	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.418	188	23818	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	16111	0.400	ng/ul	0.00
23) Perylene-d12	24.100	264	13414	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5679	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	11981	0.440	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	26308	0.477	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	12155	1.658	ng/ul#	85
5) Naphthalene	10.911	128	18977	0.365	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	12399	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	13388	0.386	ng/ul	100
10) Acenaphthylene	14.398	152	18065	0.368	ng/ul	99
11) Acenaphthene	14.731	153	14551	0.345	ng/ul	97
12) Fluorene	15.716	166	16845	0.356	ng/ul	99
14) Pentachlorophenol	17.050	266	2622	0.565	ng/ul	99
15) Phenanthrene	17.460	178	26914	0.347	ng/ul	100
16) Anthracene	17.553	178	23958	0.388	ng/ul	99
19) Fluoranthene	19.469	202	29433	0.397	ng/ul	99
20) Pyrene	19.831	202	30532	0.405	ng/ul	98
21) Benzo(a)anthracene	21.577	228	23739	0.409	ng/ul	100
22) Chrysene	21.633	228	24228	0.358	ng/ul	99
24) Benzo(b)fluoranthene	23.322	252	22025	0.348	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	21924	0.354	ng/ul	97
26) Benzo(a)pyrene	23.986	252	18008	0.364	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.737	276	21783	0.396	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.760	278	17394	0.414	ng/ul	98
29) Benzo(g,h,i)perylene	27.568	276	18560	0.374	ng/ul	98

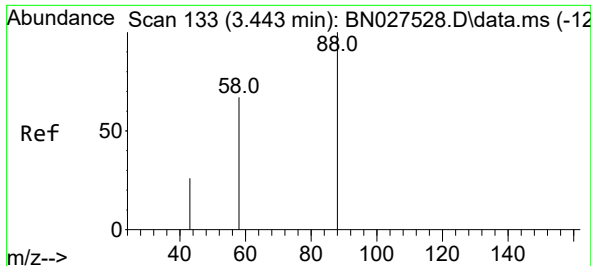
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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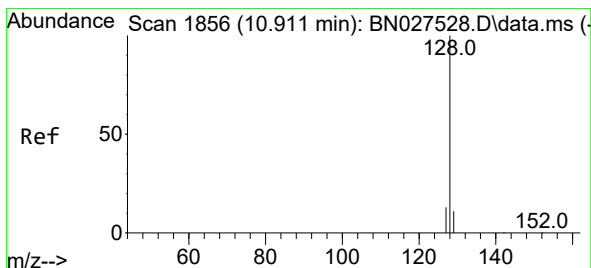
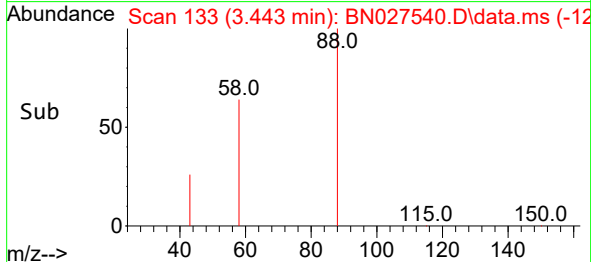
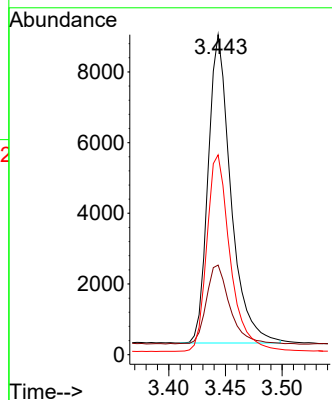
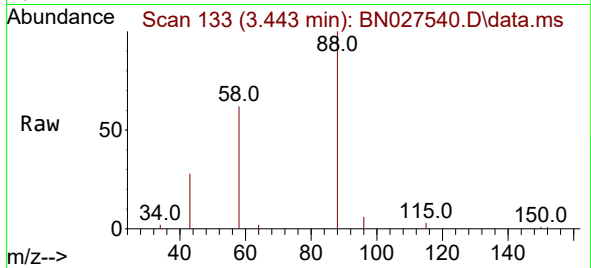




#2
1,4-Dioxane
Concen: 1.658 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

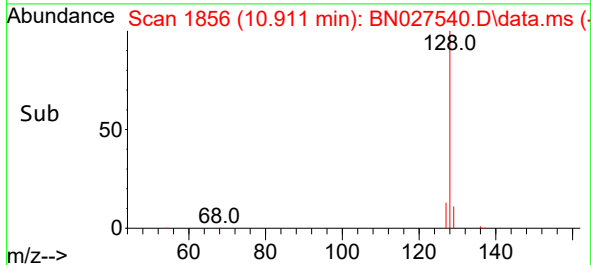
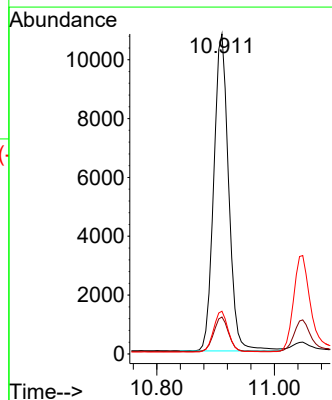
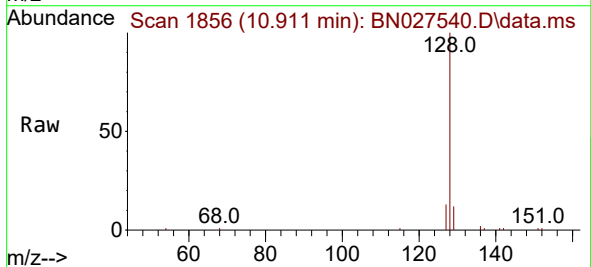
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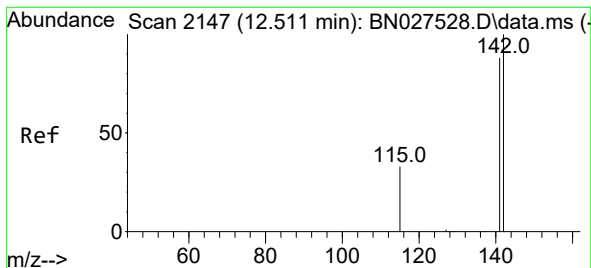
Tgt Ion: 88 Resp: 12155
Ion Ratio Lower Upper
88 100
43 28.0 26.8 40.2
58 62.5 39.9 59.9#



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion: 128 Resp: 18977
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.4 10.6 16.0

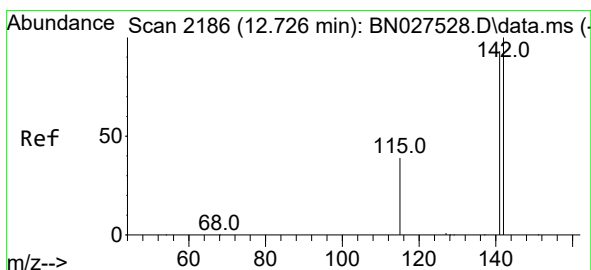
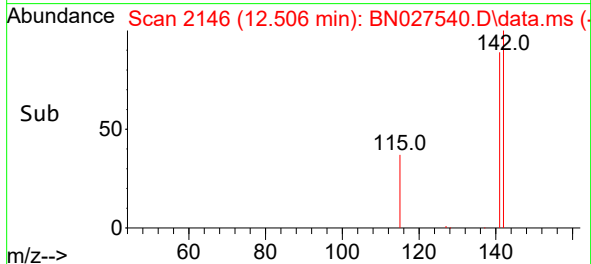
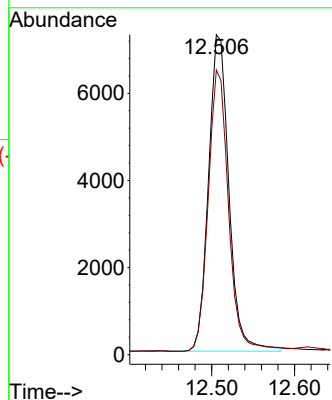
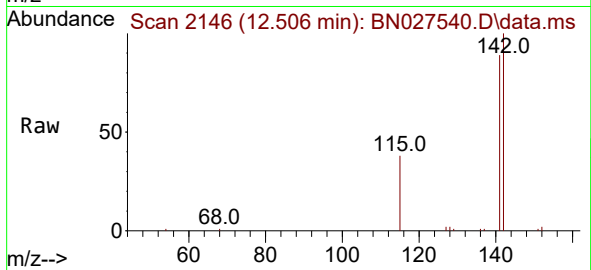




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

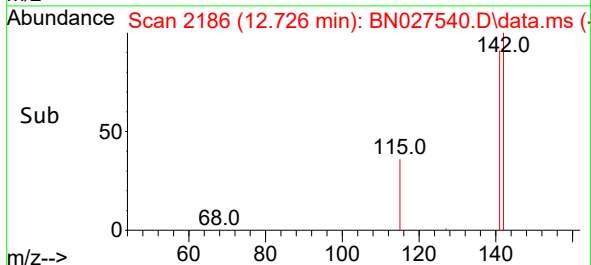
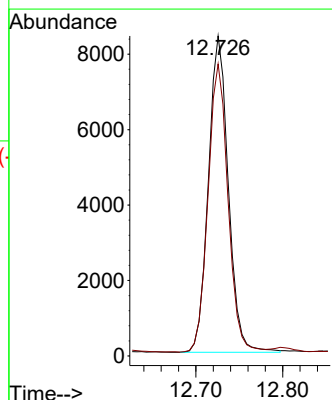
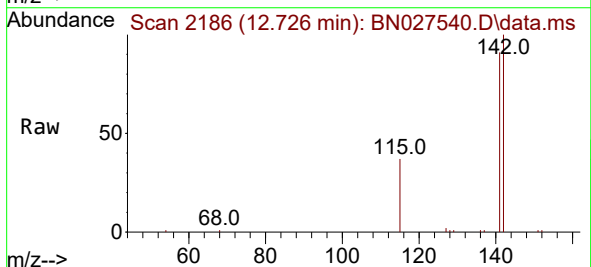
Instrument :
BNA_N
ClientSampleId :
SLCS304

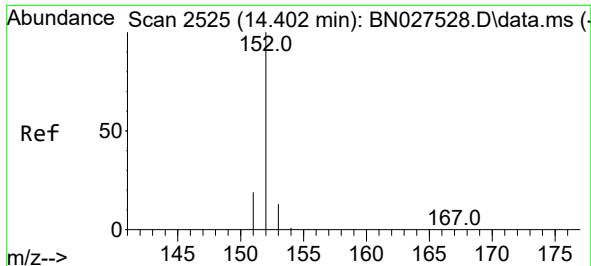
Tgt Ion:142 Resp: 12399
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:142 Resp: 13388
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4

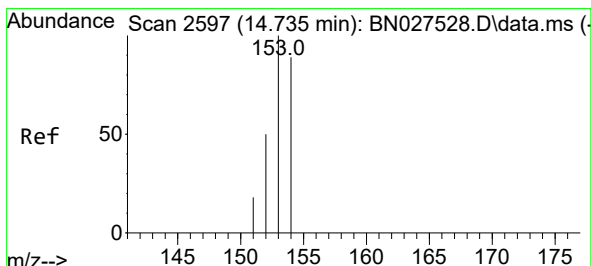
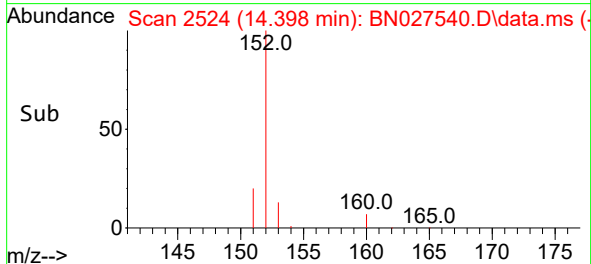
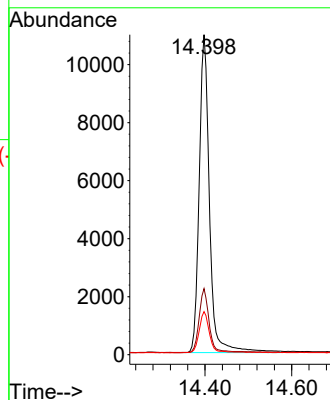
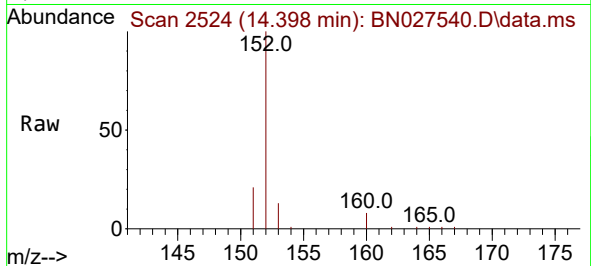




#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 14.398 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

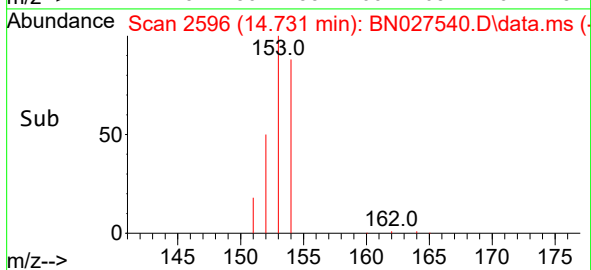
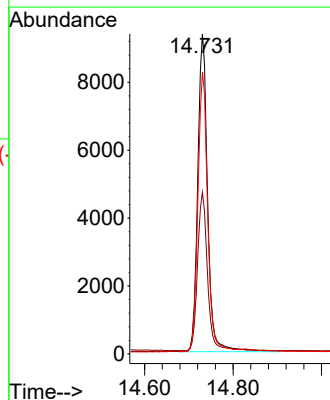
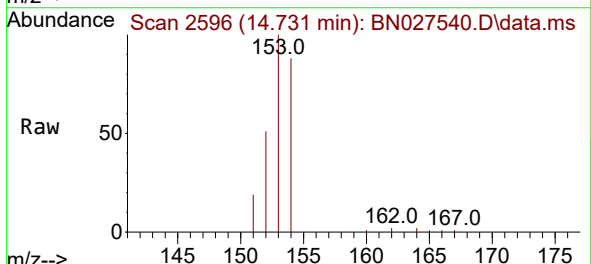
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ClientSampleId :
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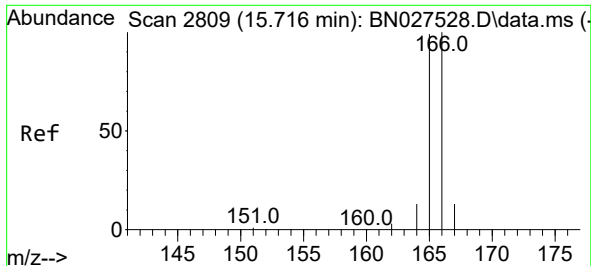
Tgt Ion:152 Resp: 18065
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:153 Resp: 14551
Ion Ratio Lower Upper
153 100
152 50.5 42.9 64.3
154 88.1 69.4 104.0

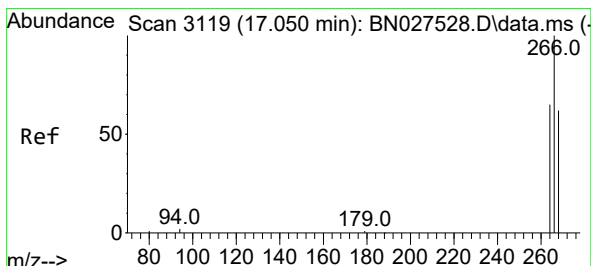
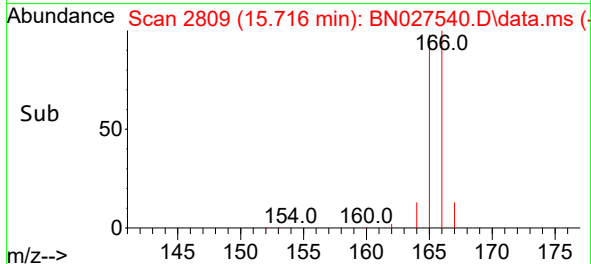
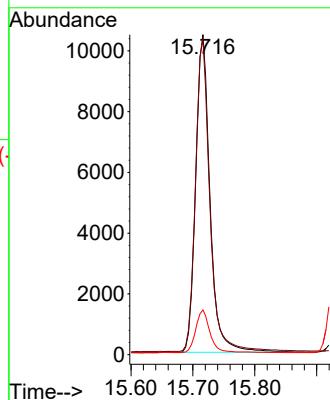
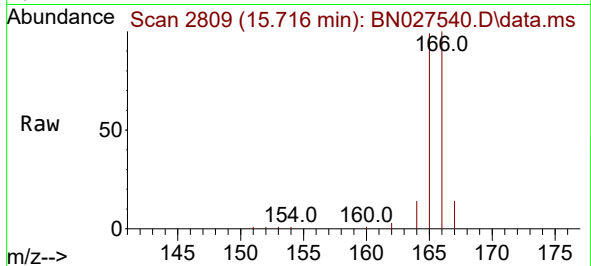




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.716 min Scan# 2809
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

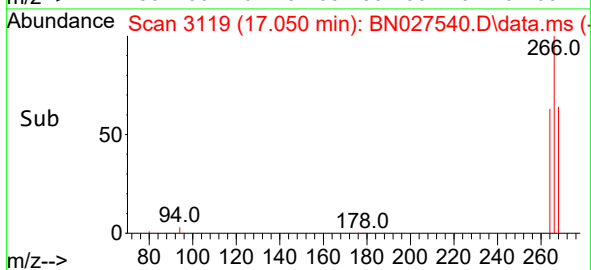
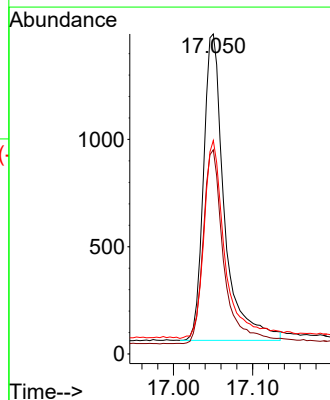
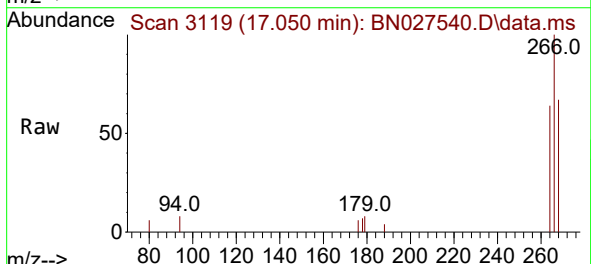
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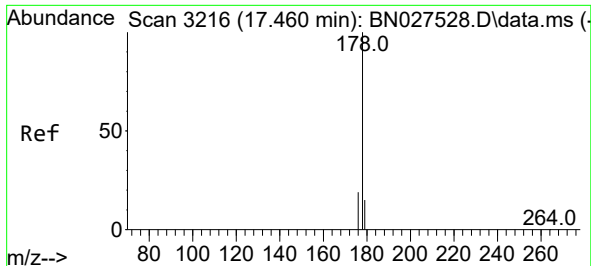
Tgt Ion:166 Resp: 16845
Ion Ratio Lower Upper
166 100
165 98.7 79.6 119.4
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.565 ng/ul
RT: 17.050 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:266 Resp: 2622
Ion Ratio Lower Upper
266 100
264 62.5 50.4 75.6
268 65.3 51.9 77.9

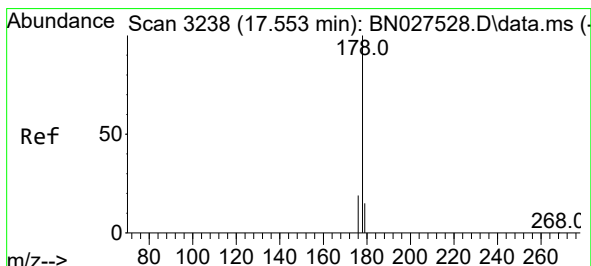
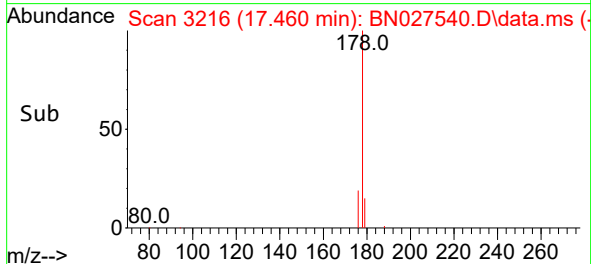
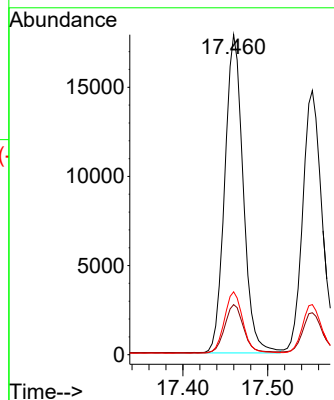
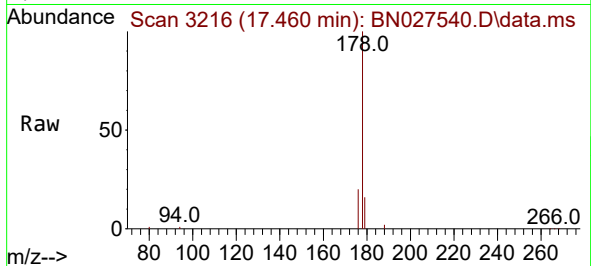




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.460 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

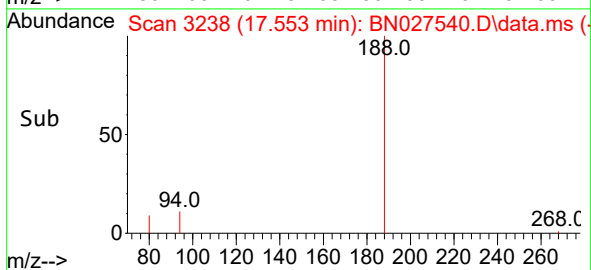
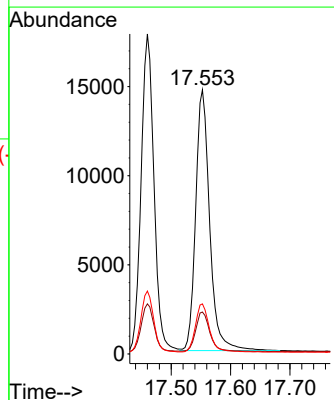
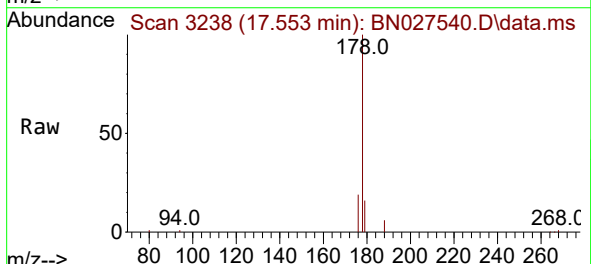
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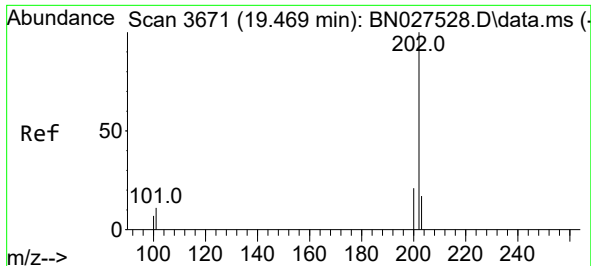
Tgt Ion:178 Resp: 26914
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.7 15.8 23.8



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. -0.008 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:178 Resp: 23958
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.0 15.6 23.4

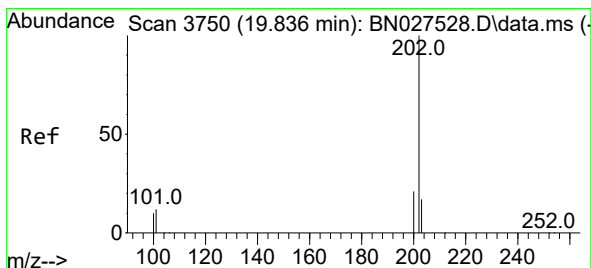
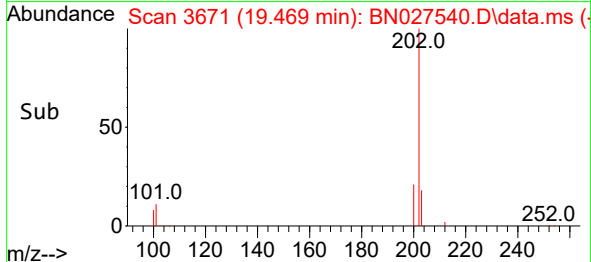
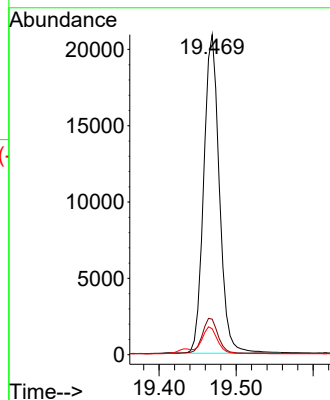
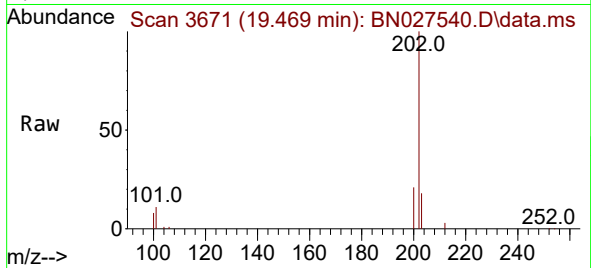




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.469 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

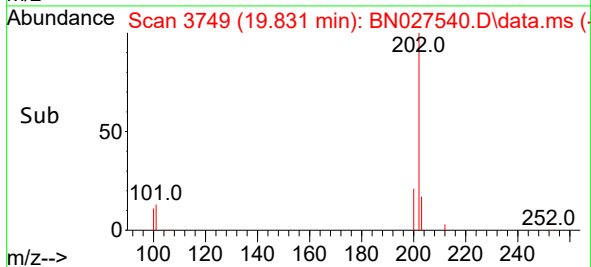
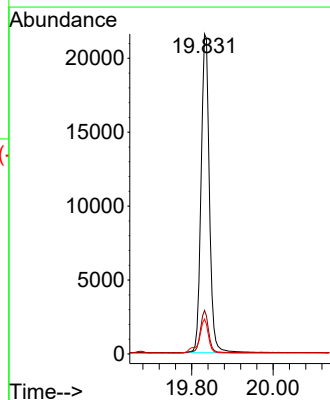
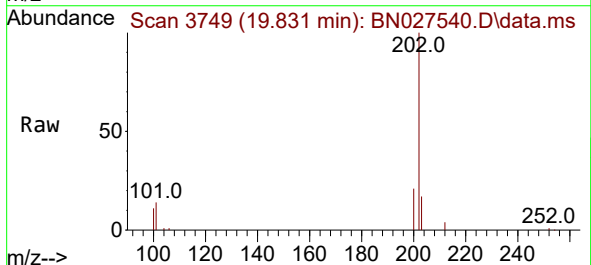
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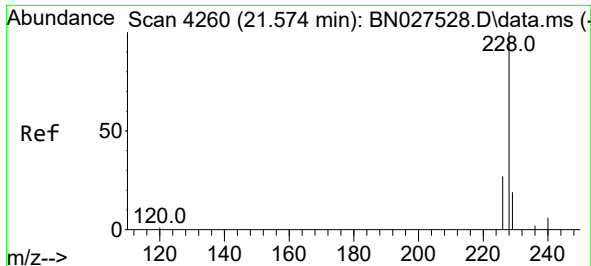
Tgt Ion:202 Resp: 29433
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.0
100 8.1 6.9 10.3



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.831 min Scan# 3749
Delta R.T. -0.009 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:202 Resp: 30532
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.2
100 10.9 9.4 14.2

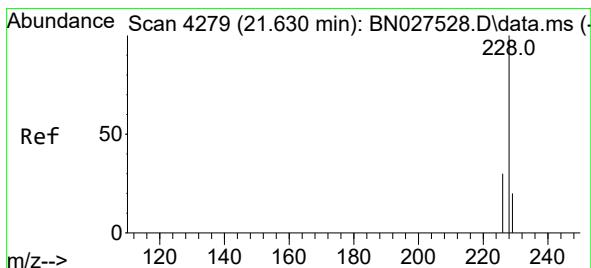
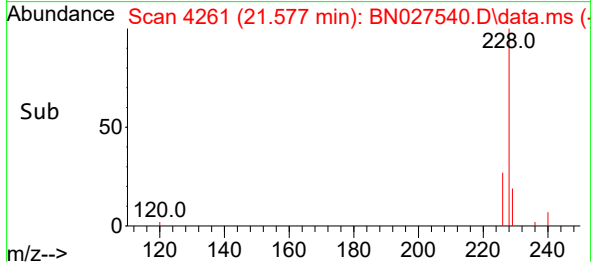
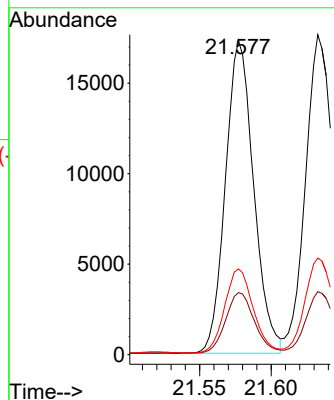
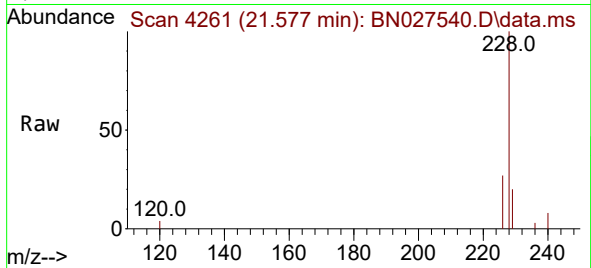




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

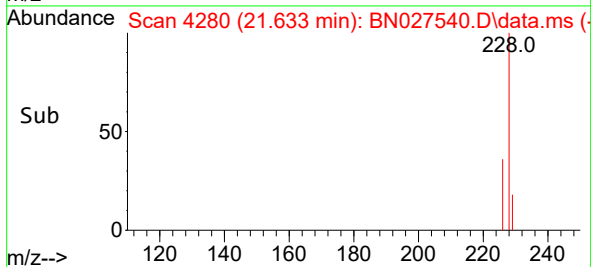
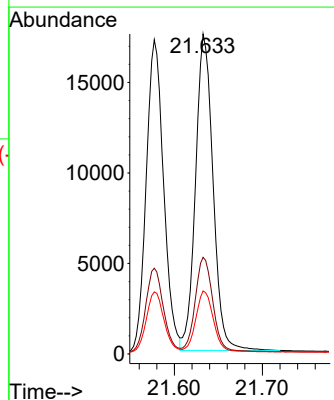
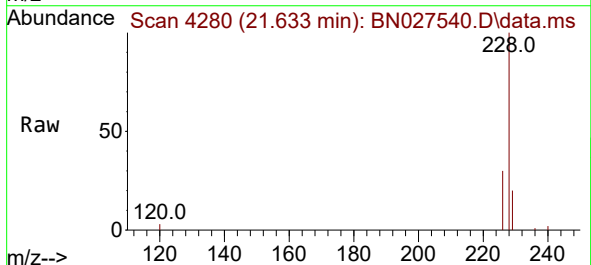
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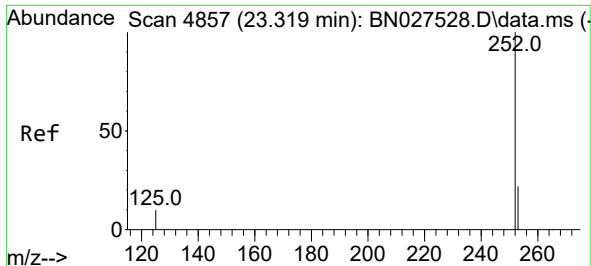
Tgt Ion:228 Resp: 23739
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:228 Resp: 24228
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.7 15.6 23.4

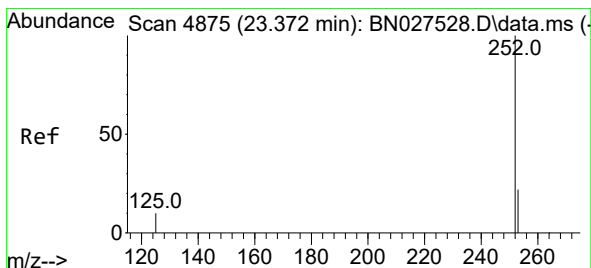
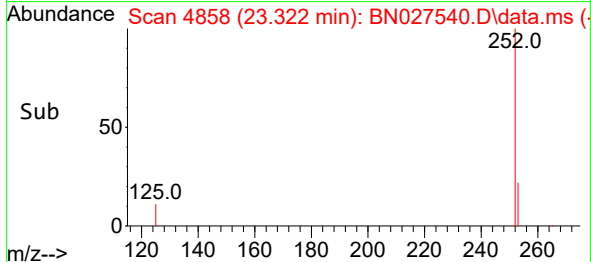
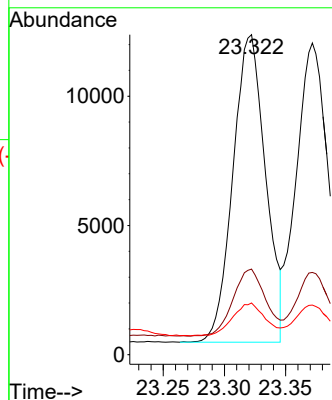
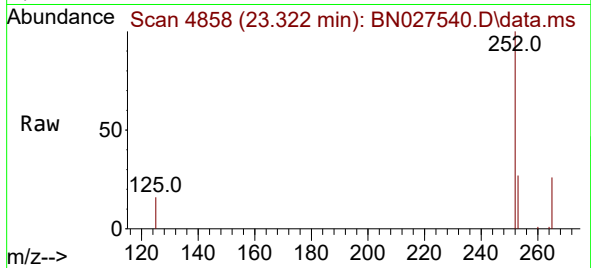




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.322 min Scan# 4858
Delta R.T. -0.006 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

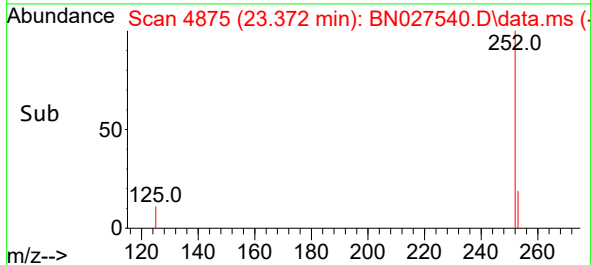
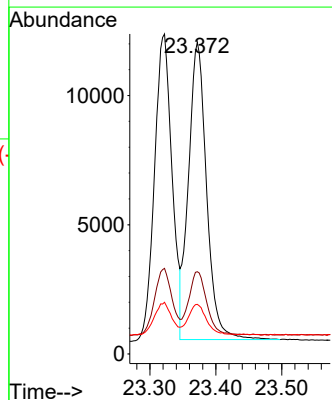
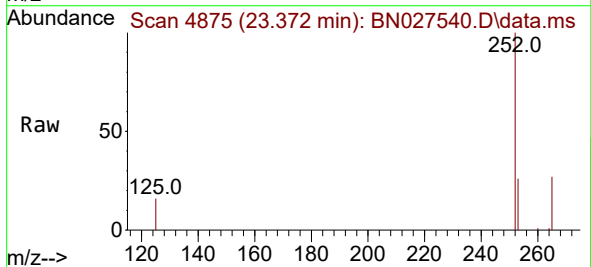
Instrument :
BNA_N
ClientSampleId :
SLCS304

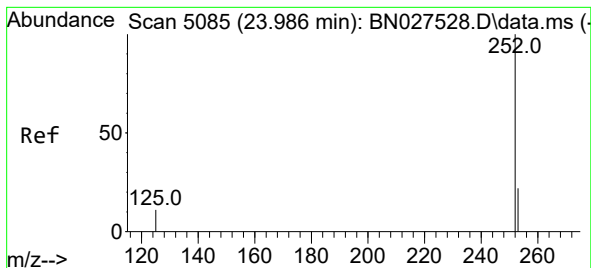
Tgt Ion:252 Resp: 22025
Ion Ratio Lower Upper
252 100
253 26.7 0.0 49.6
125 16.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027540.D
Acq: 10 Sep 2023 14:48

Tgt Ion:252 Resp: 21924
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 15.9 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.364 ng/ul

RT: 23.986 min Scan# 5085

Delta R.T. -0.009 min

Lab File: BN027540.D

Acq: 10 Sep 2023 14:48

Instrument :

BNA_N

ClientSampleId :

SLCS304

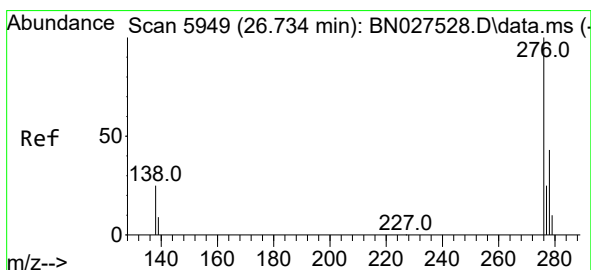
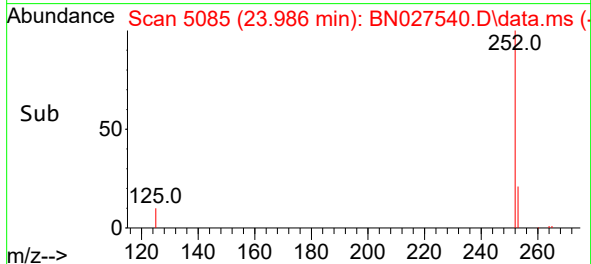
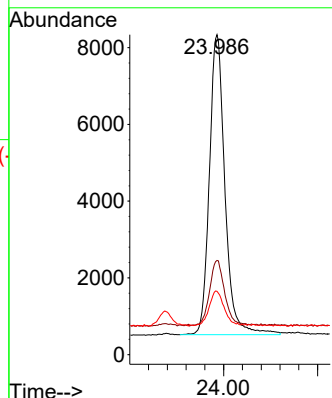
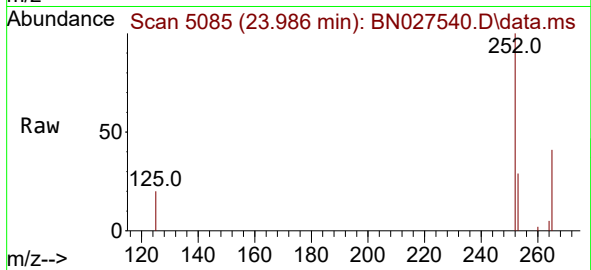
Tgt Ion:252 Resp: 18008

Ion Ratio Lower Upper

252 100

253 29.4 22.4 33.6

125 19.8 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 26.737 min Scan# 5950

Delta R.T. -0.017 min

Lab File: BN027540.D

Acq: 10 Sep 2023 14:48

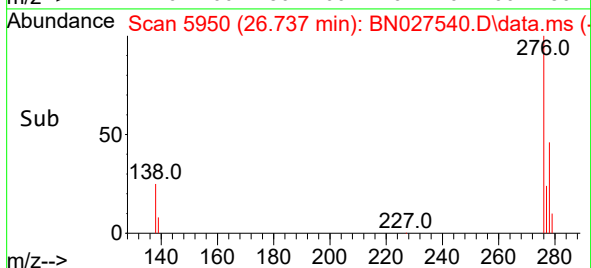
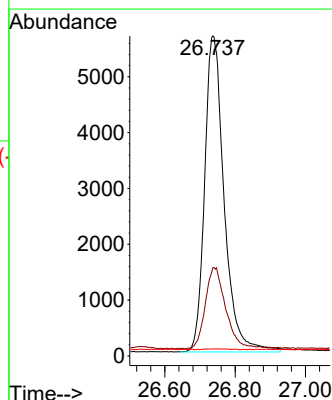
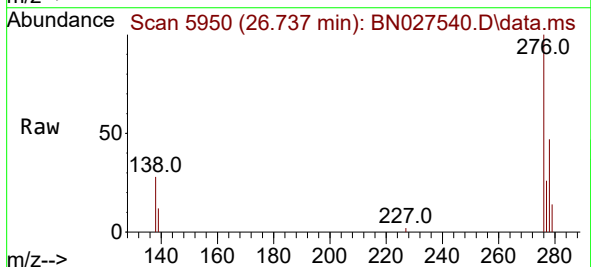
Tgt Ion:276 Resp: 21783

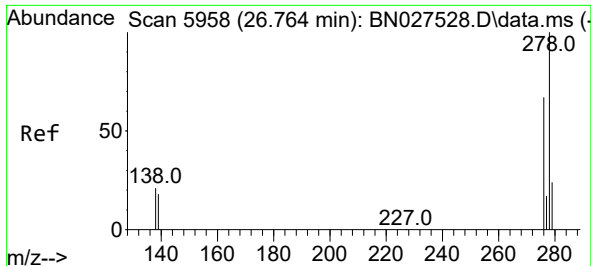
Ion Ratio Lower Upper

276 100

138 27.2 23.9 35.9

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.414 ng/ul

RT: 26.760 min Scan# 5958

Delta R.T. -0.017 min

Lab File: BN027540.D

Acq: 10 Sep 2023 14:48

Instrument :

BNA_N

ClientSampleId :

SLCS304

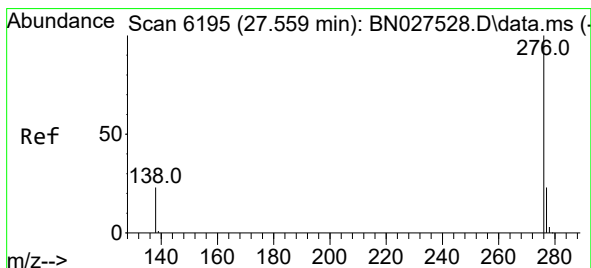
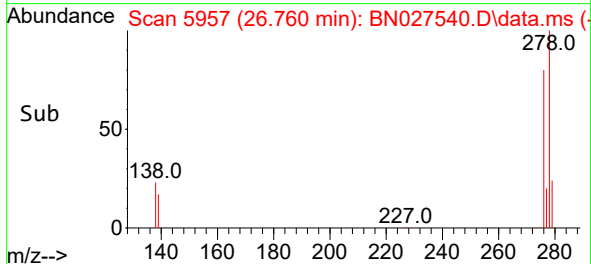
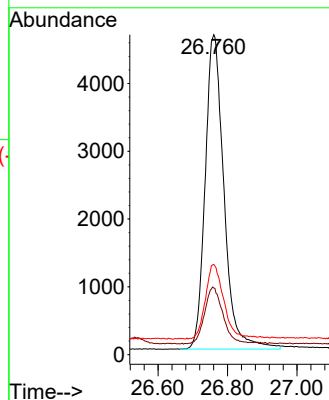
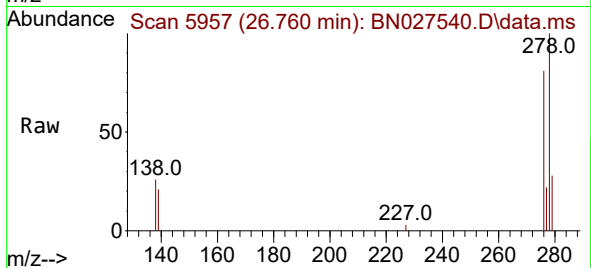
Tgt Ion:278 Resp: 17394

Ion Ratio Lower Upper

278 100

139 20.9 18.0 27.0

279 28.2 22.7 34.1



#29

Benzo(g,h,i)perylene

Concen: 0.374 ng/ul

RT: 27.568 min Scan# 6198

Delta R.T. -0.014 min

Lab File: BN027540.D

Acq: 10 Sep 2023 14:48

Tgt Ion:276 Resp: 18560

Ion Ratio Lower Upper

276 100

138 26.2 22.1 33.1

277 25.6 20.2 30.4

