

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027457.D
 Acq On : 08 Sep 2023 00:53
 Operator : MA/JU
 Sample : PB155066BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS066

Quant Time: Sep 08 01:58:29 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)

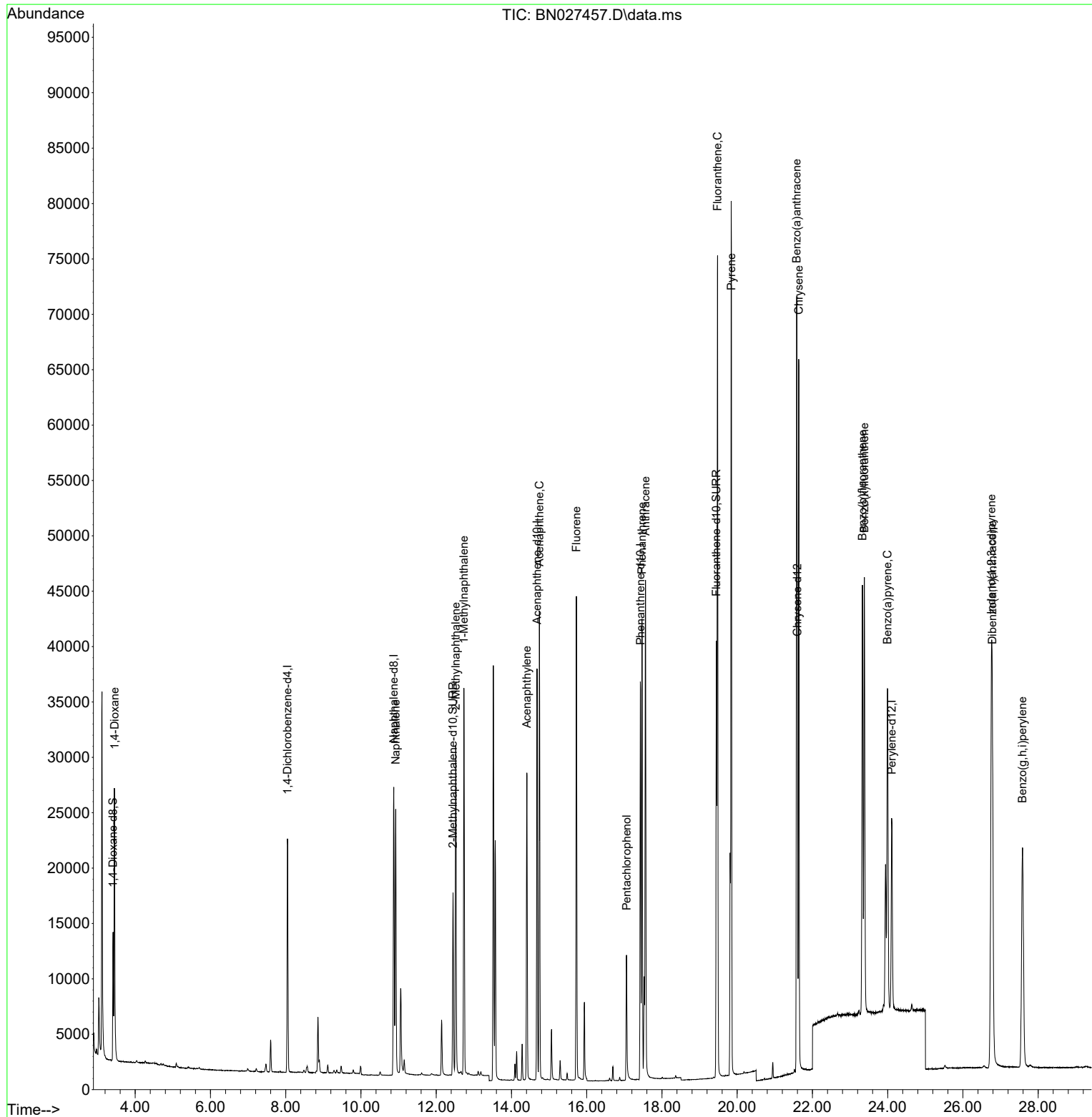
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	10758	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.872	136	36393	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	20600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	42496	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	27792	0.400	ng/ul	0.00
23) Perylene-d12	24.109	264	26056	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	7810	0.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	22083	0.400	ng/ul	-0.01
18) Fluoranthene-d10	19.446	212	43440	0.456	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	18276	1.262	ng/ul#	85
5) Naphthalene	10.922	128	33653	0.319	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	21891	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	23574	0.335	ng/ul	99
10) Acenaphthylene	14.407	152	32334	0.343	ng/ul	99
11) Acenaphthene	14.745	153	24310	0.300	ng/ul	96
12) Fluorene	15.725	166	27434	0.302	ng/ul	98
14) Pentachlorophenol	17.059	266	8146	0.983	ng/ul	99
15) Phenanthrene	17.468	178	45061	0.326	ng/ul	100
16) Anthracene	17.561	178	50482	0.459	ng/ul	99
19) Fluoranthene	19.478	202	65067	0.509	ng/ul	98
20) Pyrene	19.841	202	67181	0.516	ng/ul	98
21) Benzo(a)anthracene	21.580	228	59195	0.591	ng/ul	100
22) Chrysene	21.636	228	57828	0.495	ng/ul	100
24) Benzo(b)fluoranthene	23.328	252	54654	0.444	ng/ul	96
25) Benzo(k)fluoranthene	23.381	252	54120	0.450	ng/ul	97
26) Benzo(a)pyrene	23.997	252	46758	0.487	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.757	276	58715	0.550	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.781	278	47376	0.580	ng/ul	95
29) Benzo(g,h,i)perylene	27.582	276	48661	0.505	ng/ul	97

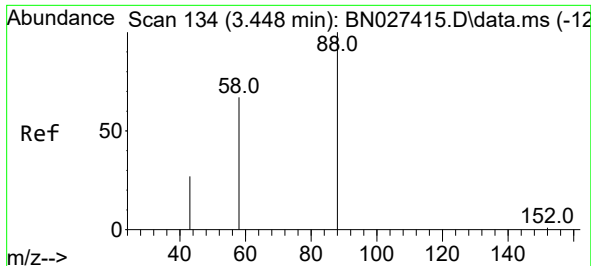
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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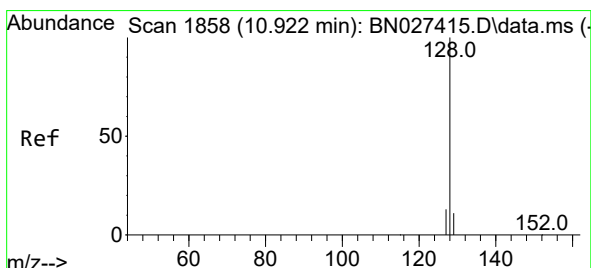
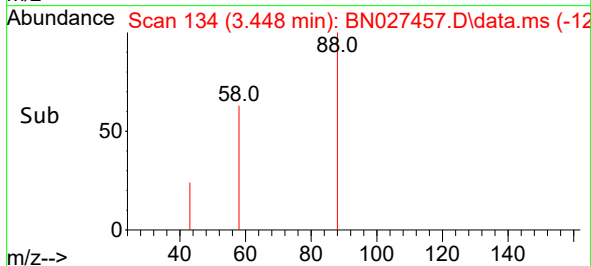
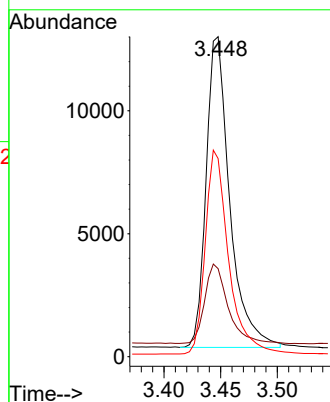
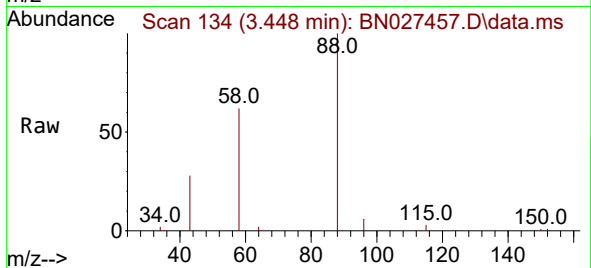




#2
1,4-Dioxane
Concen: 1.262 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

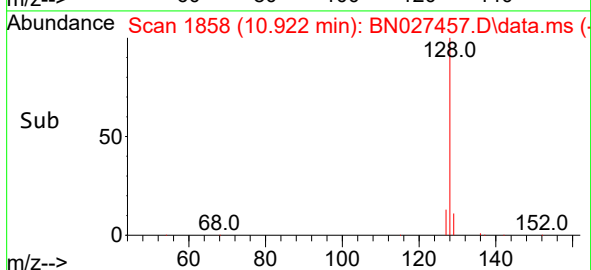
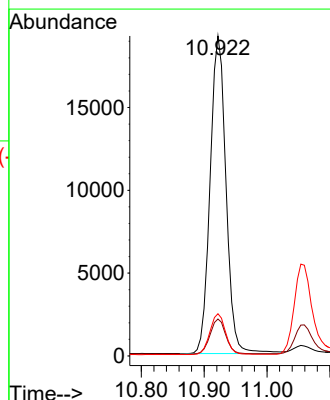
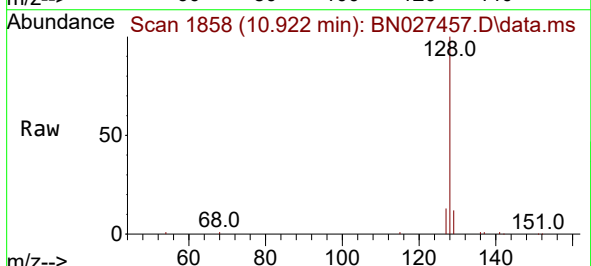
Instrument :
BNA_N
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SLCS066

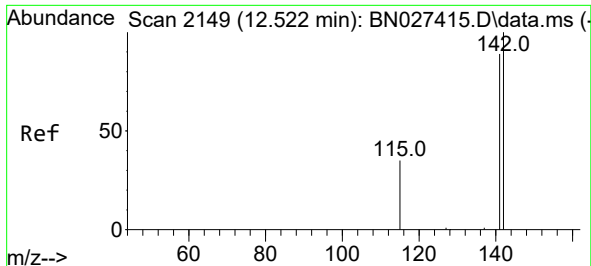
Tgt Ion: 88 Resp: 18276
Ion Ratio Lower Upper
88 100
43 27.5 26.8 40.2
58 61.9 39.9 59.9#



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:128 Resp: 33653
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.2 10.6 16.0

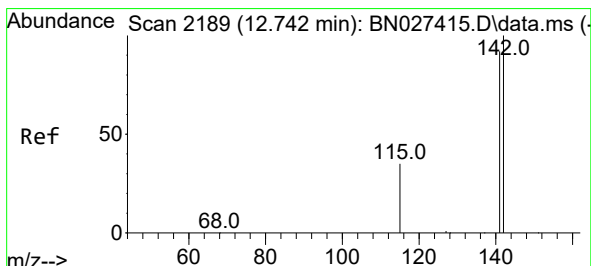
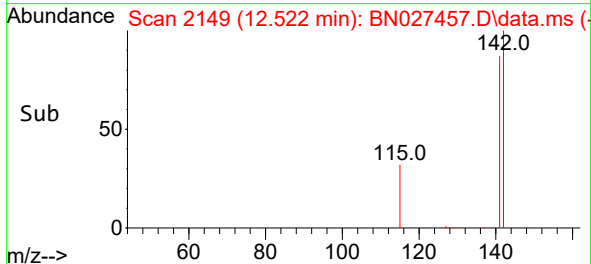
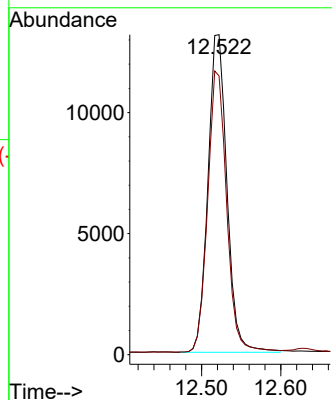
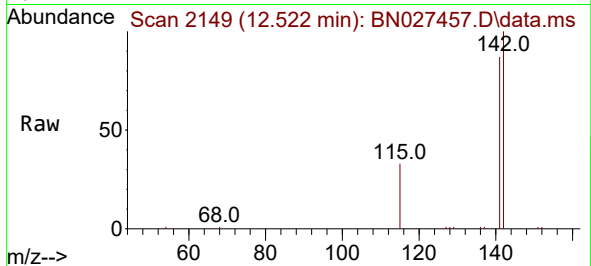




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

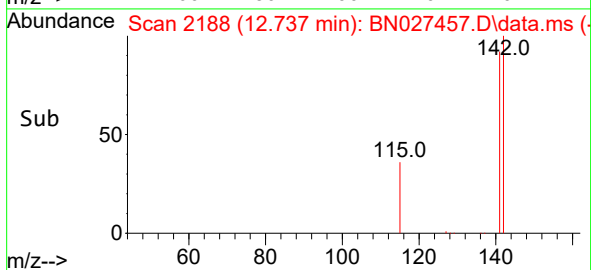
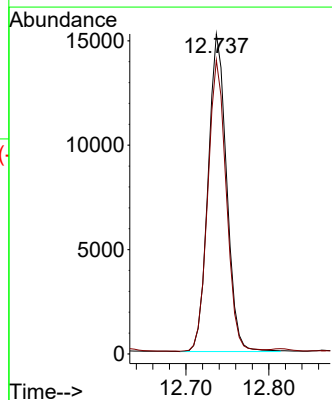
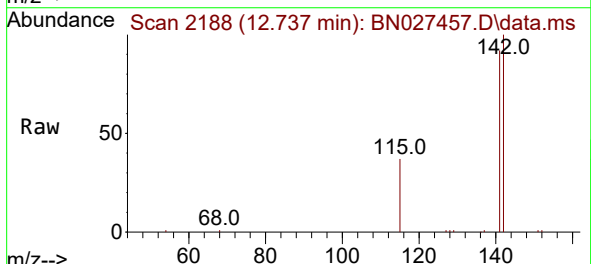
Instrument :
BNA_N
ClientSampleId :
SLCS066

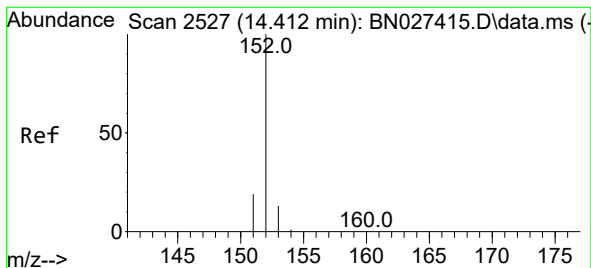
Tgt Ion:142 Resp: 21891
Ion Ratio Lower Upper
142 100
141 88.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:142 Resp: 23574
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4





#10

Acenaphthylene

Concen: 0.343 ng/ul

RT: 14.407 min Scan# 2527

Delta R.T. -0.014 min

Lab File: BN027457.D

Acq: 08 Sep 2023 00:53

Instrument :

BNA_N

ClientSampleId :

SLCS066

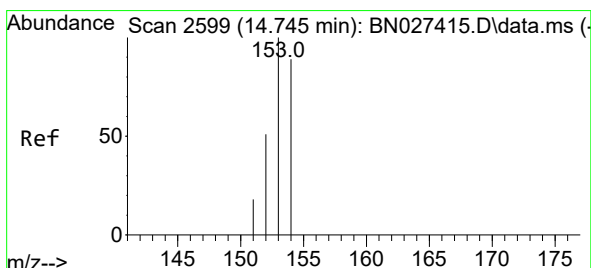
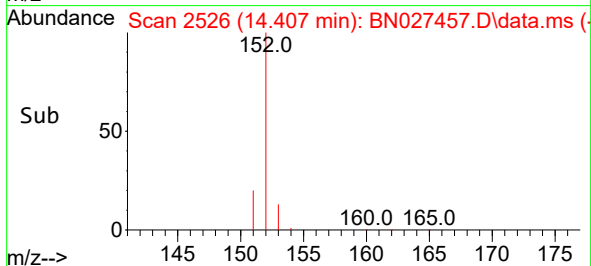
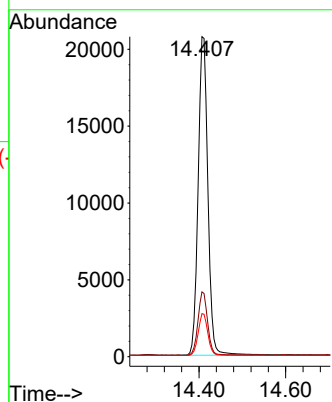
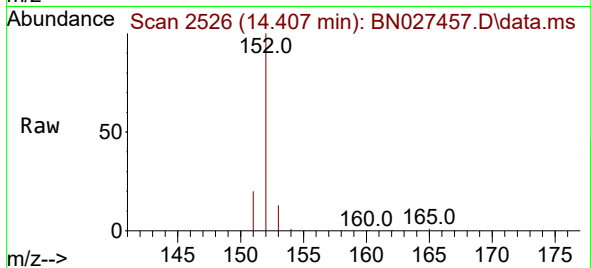
Tgt Ion:152 Resp: 32334

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.5 11.1 16.7



#11

Acenaphthene

Concen: 0.300 ng/ul

RT: 14.745 min Scan# 2599

Delta R.T. -0.005 min

Lab File: BN027457.D

Acq: 08 Sep 2023 00:53

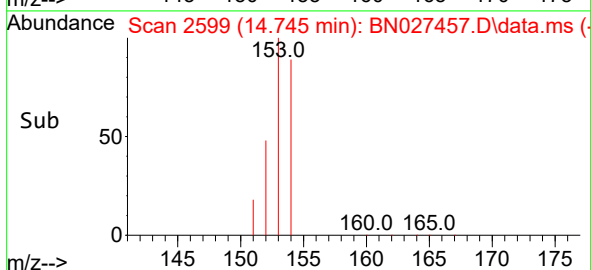
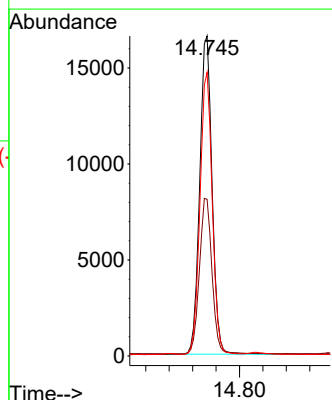
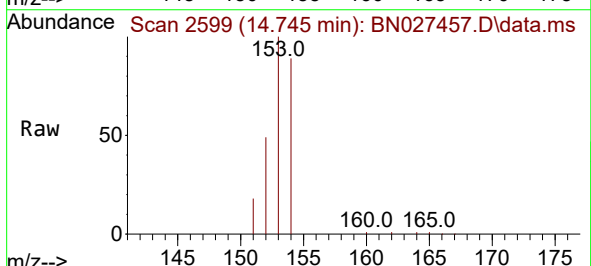
Tgt Ion:153 Resp: 24310

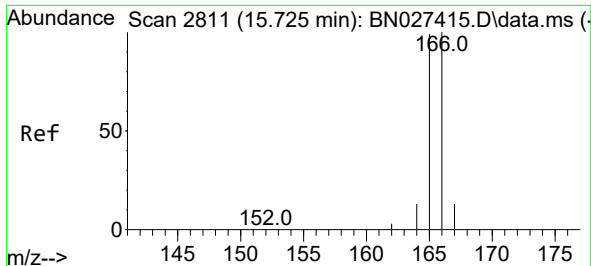
Ion Ratio Lower Upper

153 100

152 48.9 42.9 64.3

154 88.6 69.4 104.0

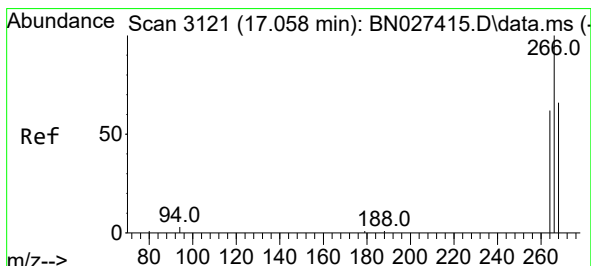
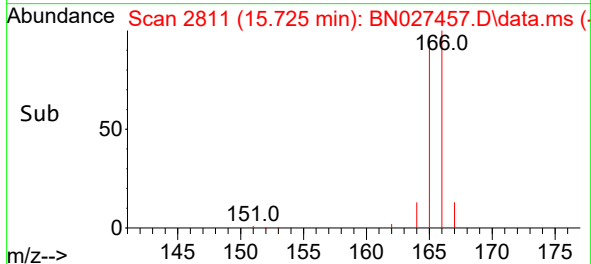
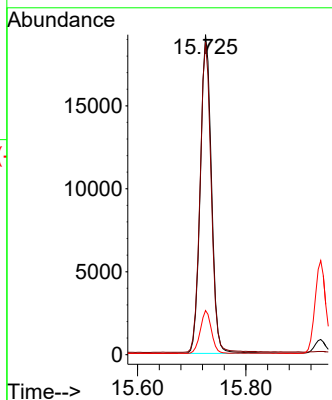
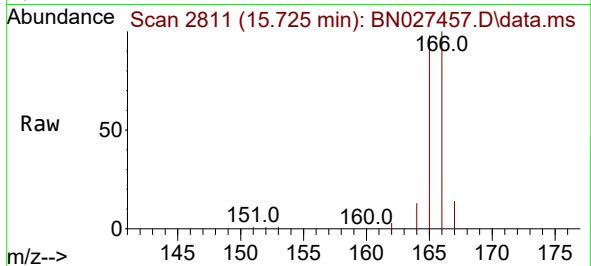




#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.014 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

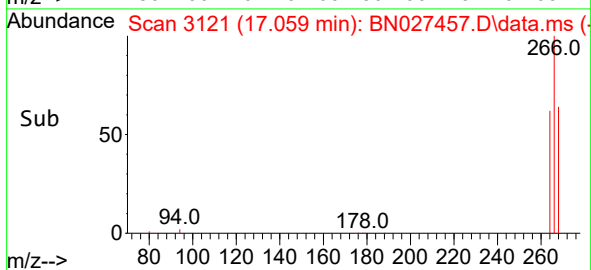
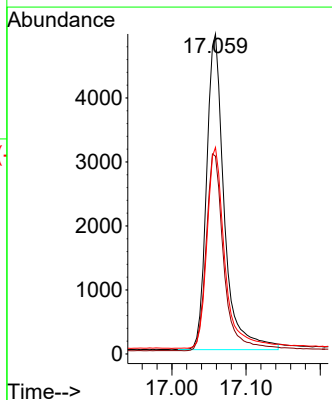
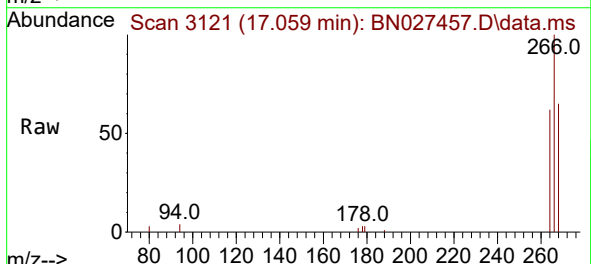
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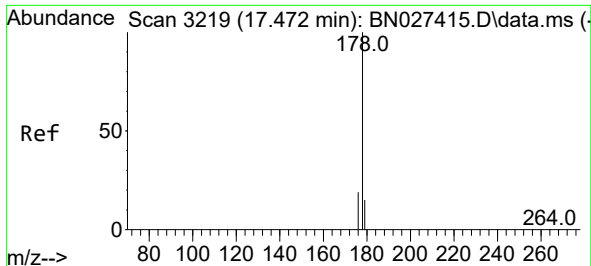
Tgt Ion:166 Resp: 27434
Ion Ratio Lower Upper
166 100
165 97.6 79.6 119.4
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.983 ng/ul
RT: 17.059 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:266 Resp: 8146
Ion Ratio Lower Upper
266 100
264 62.8 50.4 75.6
268 64.3 51.9 77.9

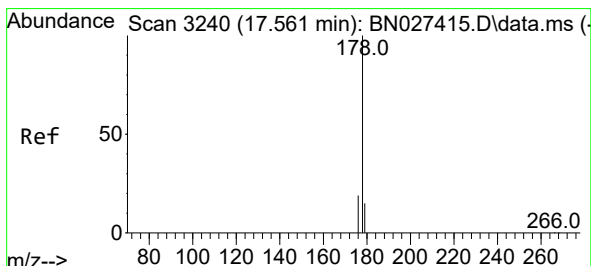
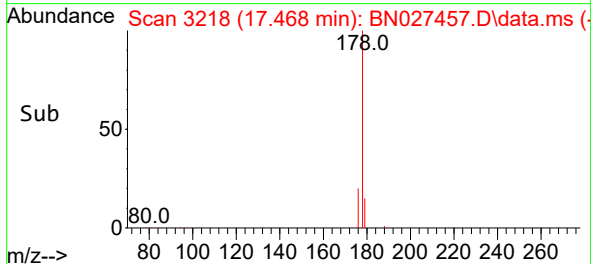
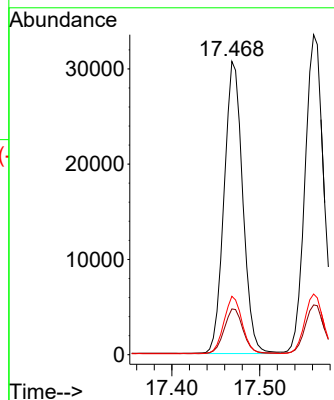
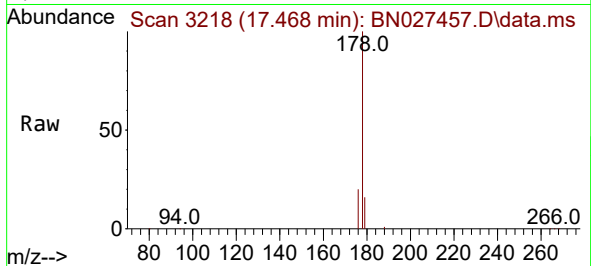




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

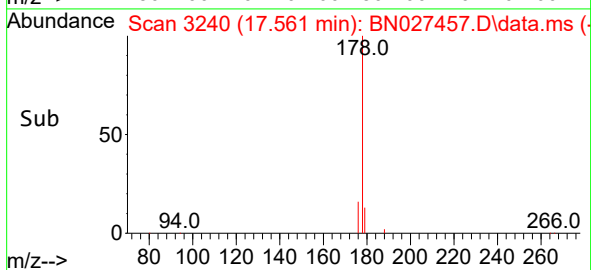
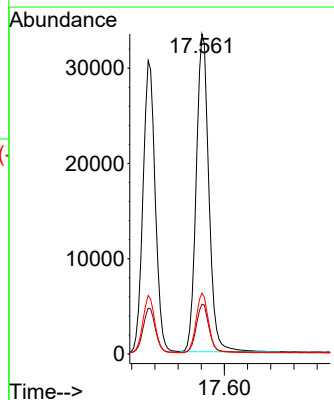
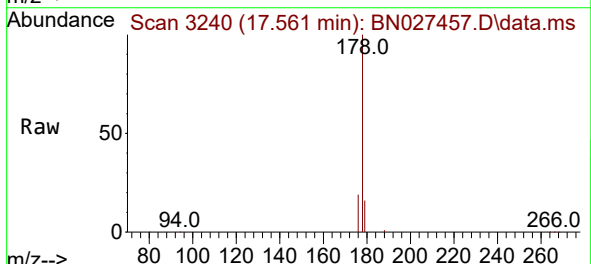
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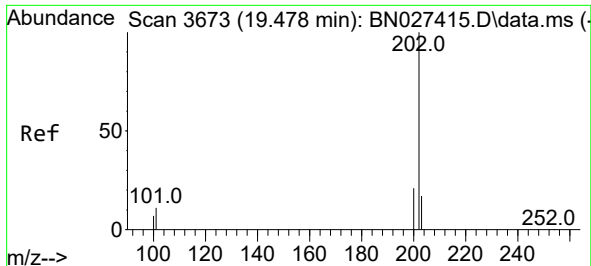
Tgt Ion:178 Resp: 45061
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.459 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.012 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:178 Resp: 50482
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.6 23.4

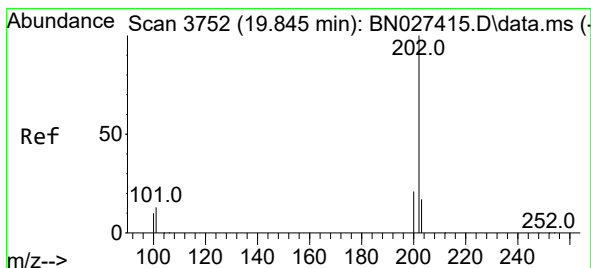
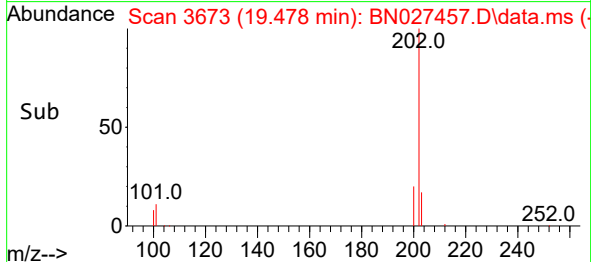
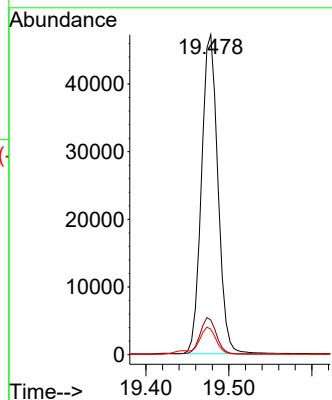
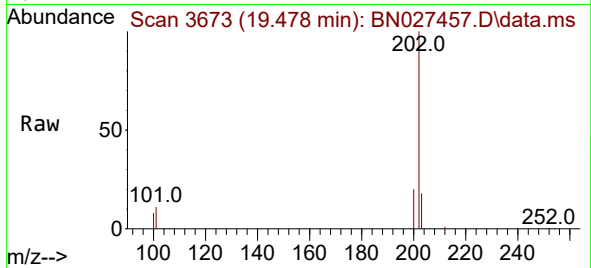




#19
Fluoranthene
Concen: 0.509 ng/ul
RT: 19.478 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

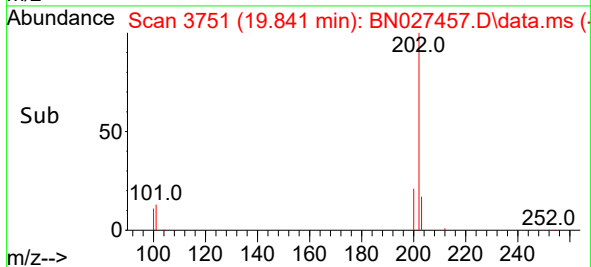
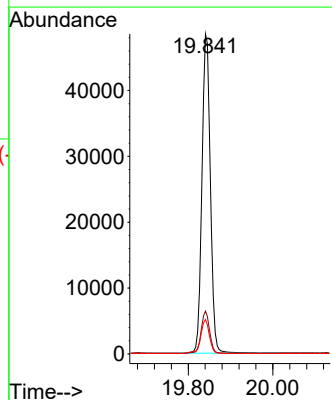
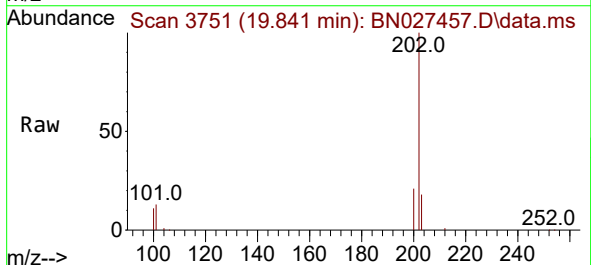
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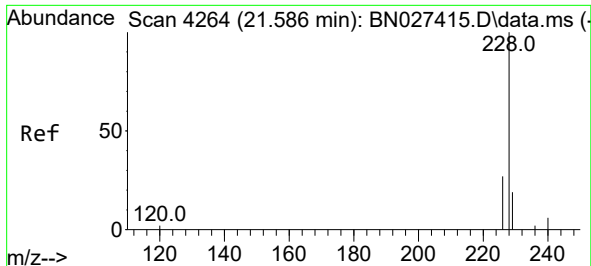
Tgt Ion:202 Resp: 65067
Ion Ratio Lower Upper
202 100
101 10.8 9.4 14.0
100 8.0 6.9 10.3



#20
Pyrene
Concen: 0.516 ng/ul
RT: 19.841 min Scan# 3751
Delta R.T. -0.009 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:202 Resp: 67181
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.2
100 10.7 9.4 14.2

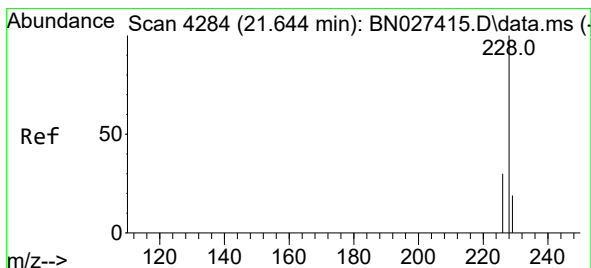
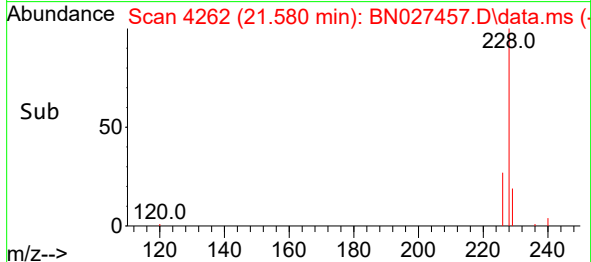
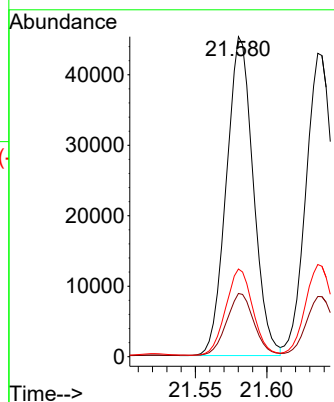
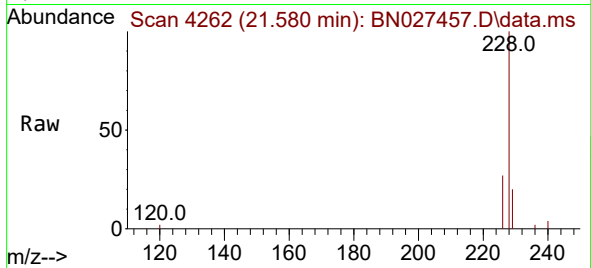




#21
Benzo(a)anthracene
Concen: 0.591 ng/ul
RT: 21.580 min Scan# 4264
Delta R.T. -0.011 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

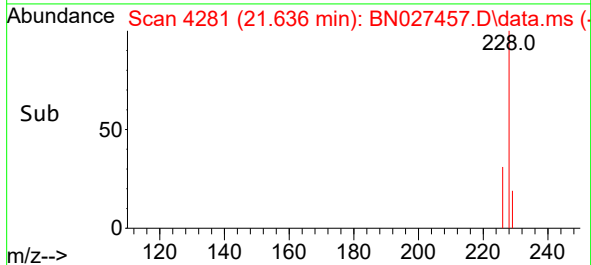
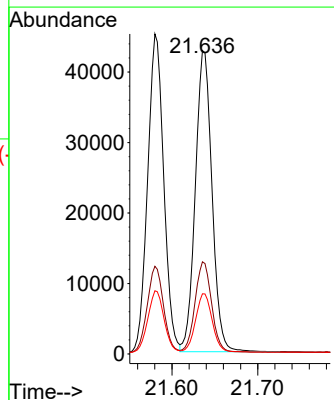
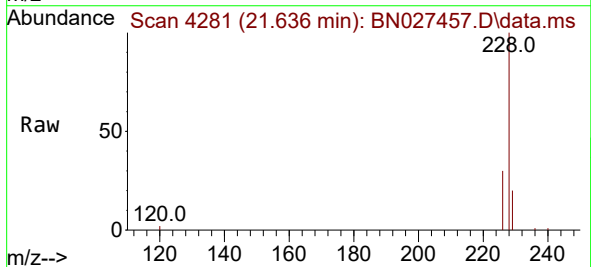
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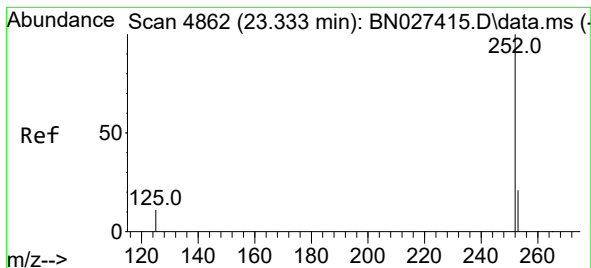
Tgt Ion:228 Resp: 59195
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.495 ng/ul
RT: 21.636 min Scan# 4281
Delta R.T. -0.011 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:228 Resp: 57828
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.444 ng/ul

RT: 23.328 min Scan# 4860

Delta R.T. -0.017 min

Lab File: BN027457.D

Acq: 08 Sep 2023 00:53

Instrument :

BNA_N

ClientSampleId :

SLCS066

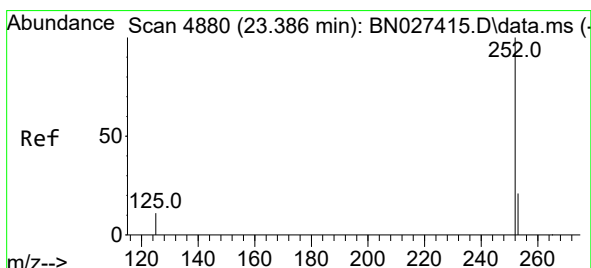
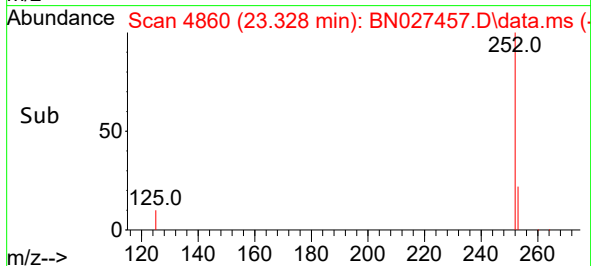
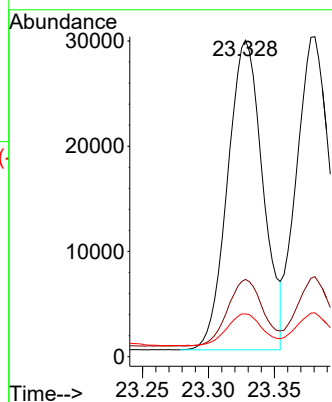
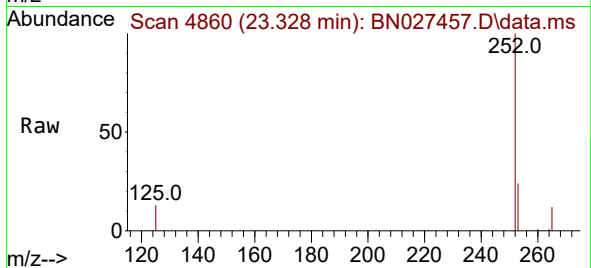
Tgt Ion:252 Resp: 54654

Ion Ratio Lower Upper

252 100

253 24.4 0.0 49.6

125 13.5 0.0 33.8



#25

Benzo(k)fluoranthene

Concen: 0.450 ng/ul

RT: 23.381 min Scan# 4878

Delta R.T. -0.017 min

Lab File: BN027457.D

Acq: 08 Sep 2023 00:53

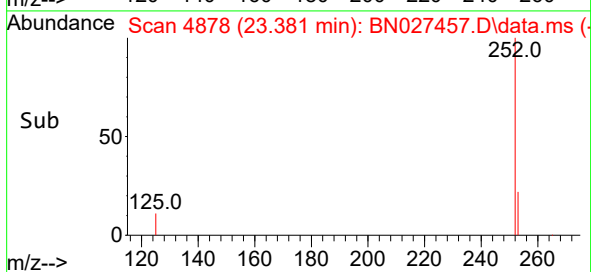
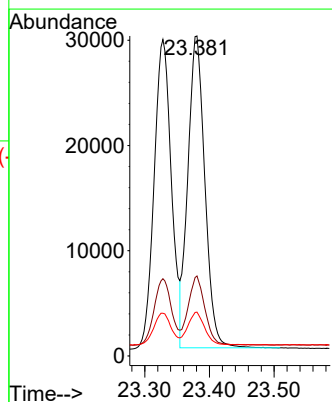
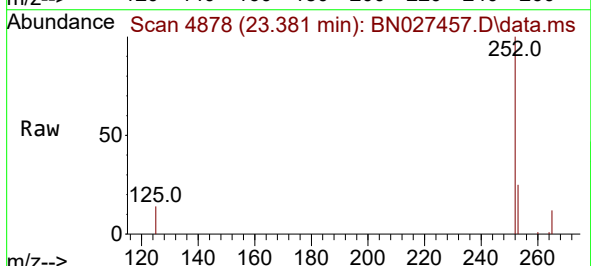
Tgt Ion:252 Resp: 54120

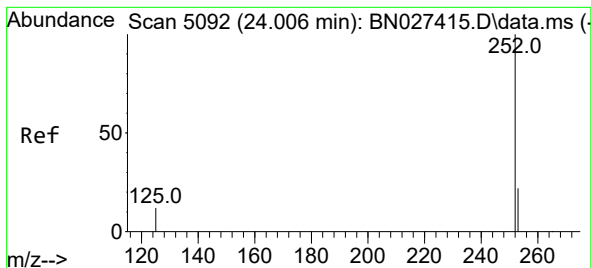
Ion Ratio Lower Upper

252 100

253 25.0 19.9 29.9

125 13.7 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.487 ng/ul

RT: 23.997 min Scan# 5092

Delta R.T. -0.020 min

Lab File: BN027457.D

Acq: 08 Sep 2023 00:53

Instrument :

BNA_N

ClientSampleId :

SLCS066

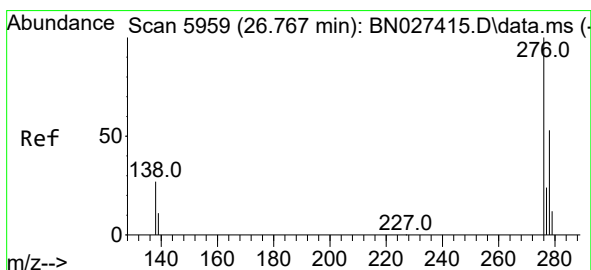
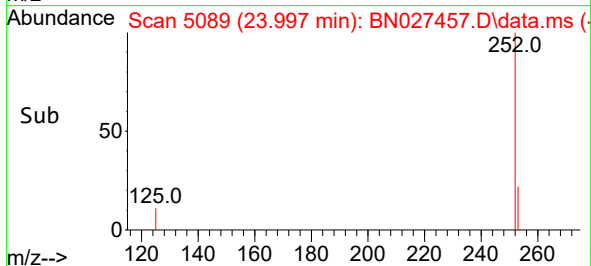
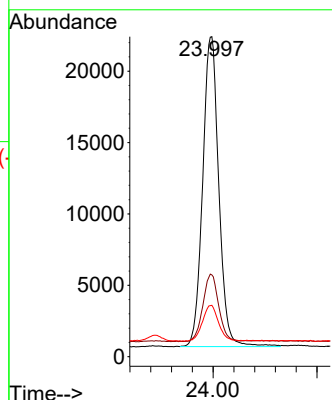
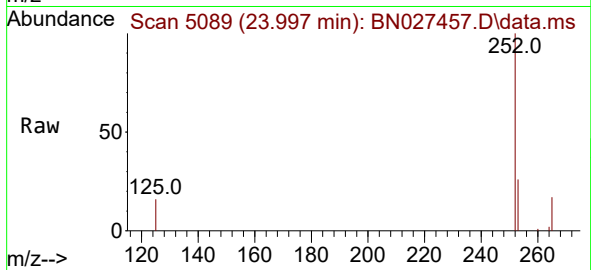
Tgt Ion:252 Resp: 46758

Ion Ratio Lower Upper

252 100

253 25.6 22.4 33.6

125 16.1 17.4 26.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.550 ng/ul

RT: 26.757 min Scan# 5956

Delta R.T. -0.043 min

Lab File: BN027457.D

Acq: 08 Sep 2023 00:53

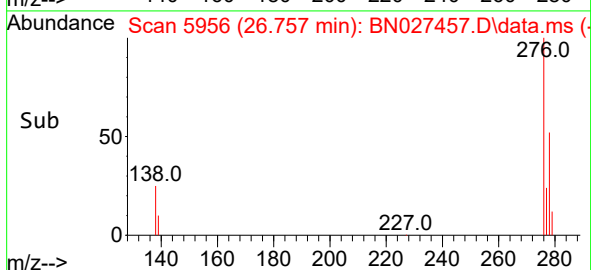
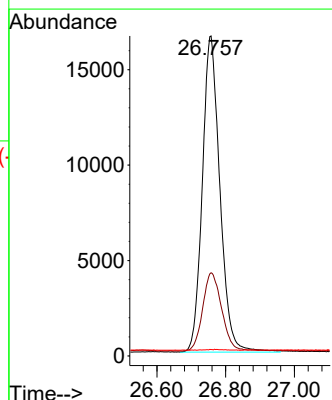
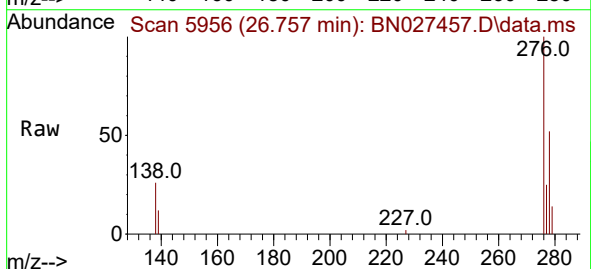
Tgt Ion:276 Resp: 58715

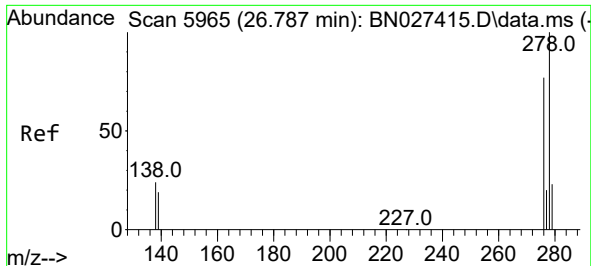
Ion Ratio Lower Upper

276 100

138 26.9 23.9 35.9

227 0.1 0.1 0.1#

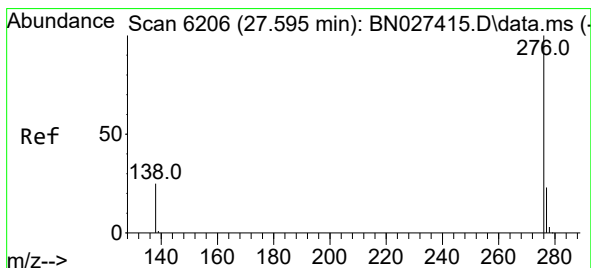
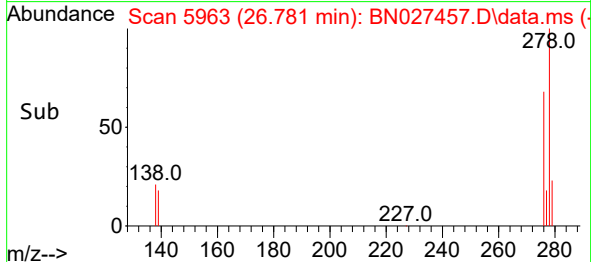
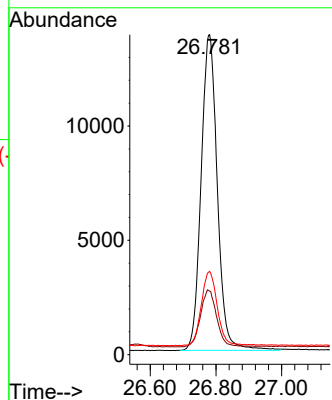
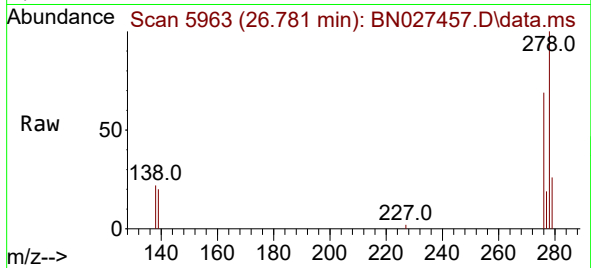




#28
Dibenzo(a,h)anthracene
Concen: 0.580 ng/ul
RT: 26.781 min Scan# 5963
Delta R.T. -0.053 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Instrument :
BNA_N
ClientSampleId :
SLCS066

Tgt Ion:278 Resp: 47376
Ion Ratio Lower Upper
278 100
139 19.8 18.0 27.0
279 26.0 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 27.582 min Scan# 6202
Delta R.T. -0.046 min
Lab File: BN027457.D
Acq: 08 Sep 2023 00:53

Tgt Ion:276 Resp: 48661
Ion Ratio Lower Upper
276 100
138 24.7 22.1 33.1
277 25.1 20.2 30.4

