

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030246.D
 Acq On : 04 Mar 2024 08:36
 Operator : MA/JU
 Sample : PB159336BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS336

Quant Time: Mar 04 09:41:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

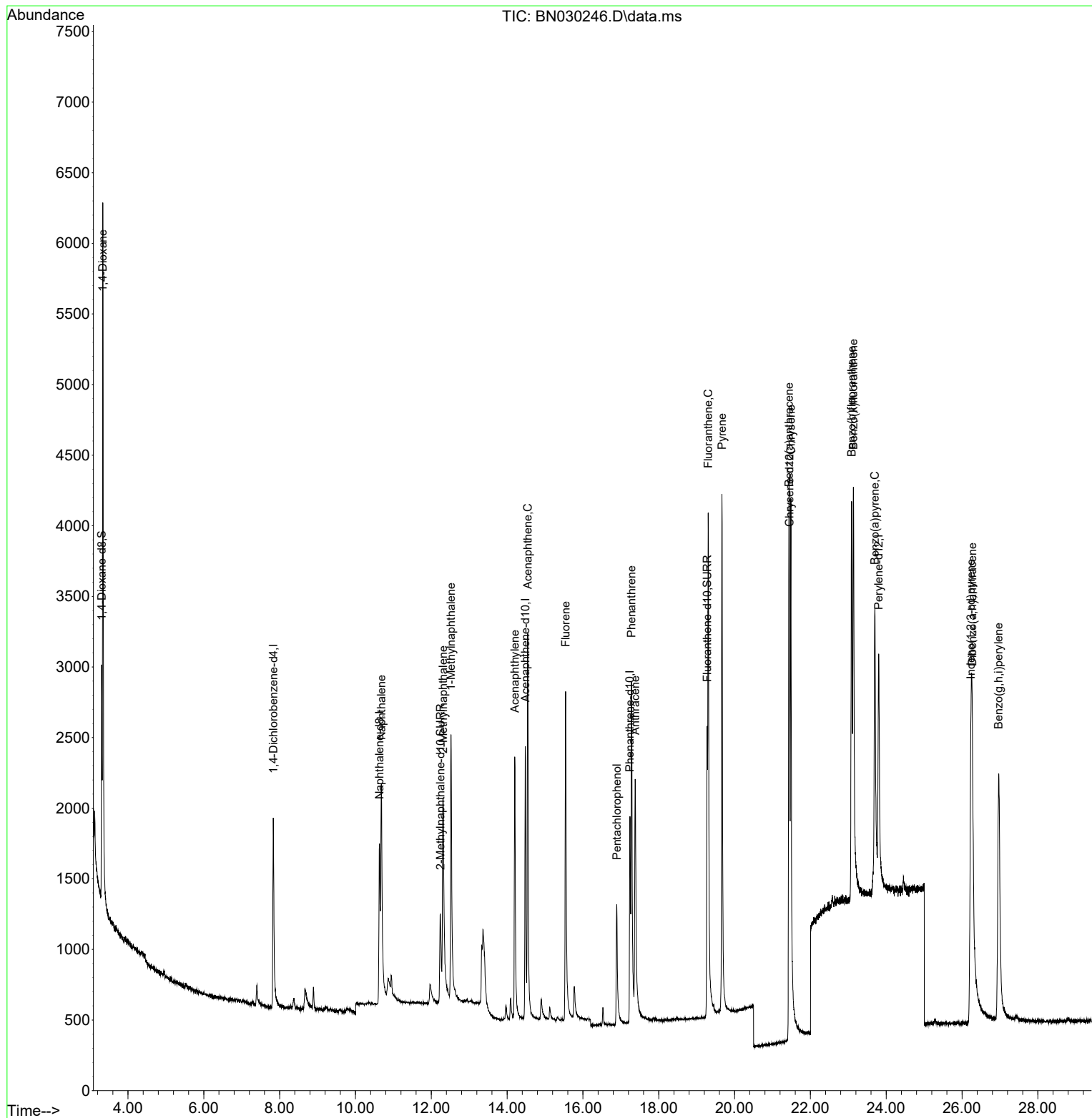
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	2681	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	1304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	2501	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2421	0.400	ng/ul	# 0.00
23) Perylene-d12	23.800	264	2770	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1189	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1422	0.410	ng/ul	0.01
18) Fluoranthene-d10	19.277	212	3169	0.402	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.336	88	3533	2.435	ng/ul#	86
5) Naphthalene	10.683	128	3139	0.397	ng/ul	97
7) 2-Methylnaphthalene	12.311	142	1714	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	1758	0.387	ng/ul	98
10) Acenaphthylene	14.201	152	2932	0.402	ng/ul	97
11) Acenaphthene	14.543	153	2103	0.393	ng/ul	99
12) Fluorene	15.543	166	2200	0.404	ng/ul	98
14) Pentachlorophenol	16.892	266	873	1.223	ng/ul	98
15) Phenanthrene	17.281	178	3380	0.403	ng/ul	97
16) Anthracene	17.378	178	3023	0.410	ng/ul	99
19) Fluoranthene	19.304	202	4082	0.380	ng/ul	99
20) Pyrene	19.667	202	4445	0.380	ng/ul	97
21) Benzo(a)anthracene	21.432	228	3655	0.427	ng/ul	99
22) Chrysene	21.485	228	4146	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.087	252	4440	0.416	ng/ul	96
25) Benzo(k)fluoranthene	23.136	252	5009	0.398	ng/ul#	95
26) Benzo(a)pyrene	23.700	252	4311	0.396	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.232	276	5606	0.404	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.269	278	4440	0.413	ng/ul	96
29) Benzo(g,h,i)perylene	26.966	276	5050	0.392	ng/ul	95

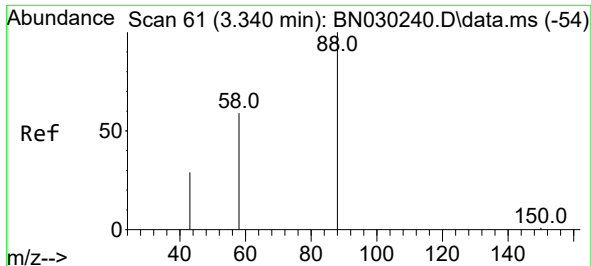
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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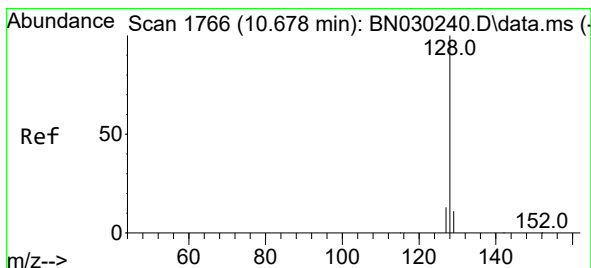
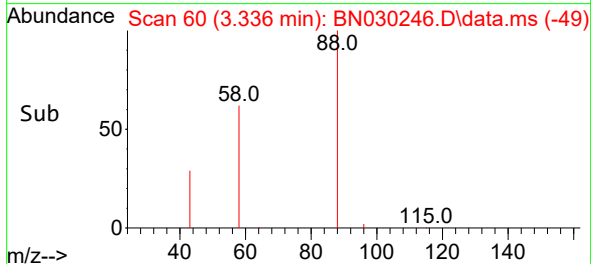
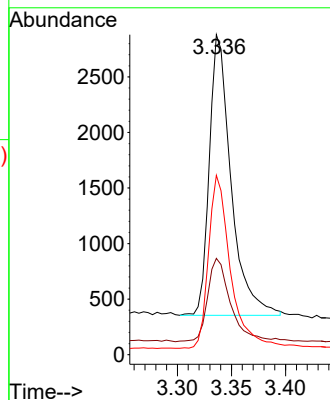
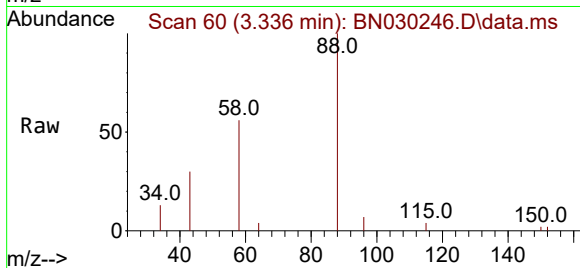




#2
1,4-Dioxane
Concen: 2.435 ng/ul
RT: 3.336 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

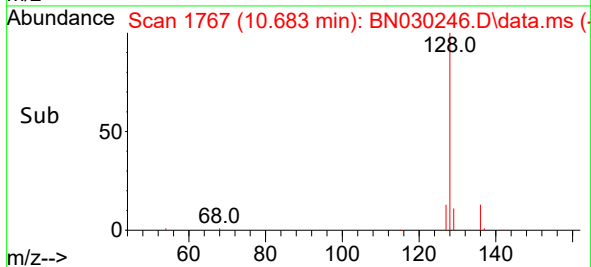
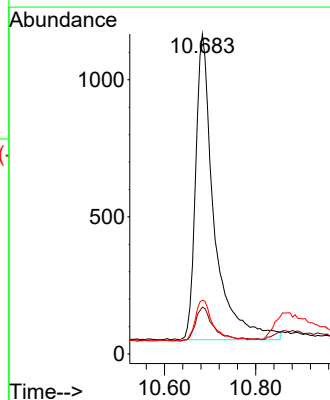
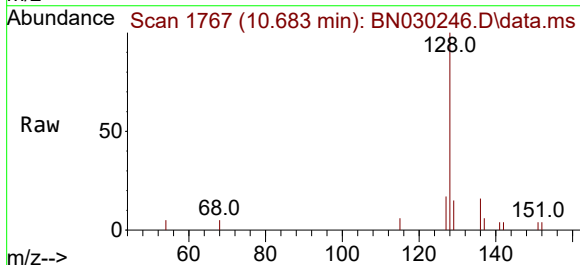
Instrument :
BNA_N
ClientSampleId :
SLCS336

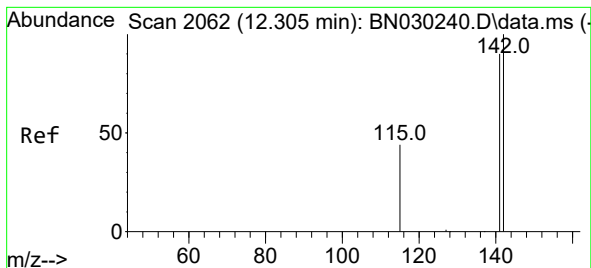
Tgt Ion: 88 Resp: 3533
Ion Ratio Lower Upper
88 100
43 30.1 25.7 38.5
58 56.1 33.8 50.8#



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:128 Resp: 3139
Ion Ratio Lower Upper
128 100
129 14.7 11.0 16.4
127 16.8 12.3 18.5

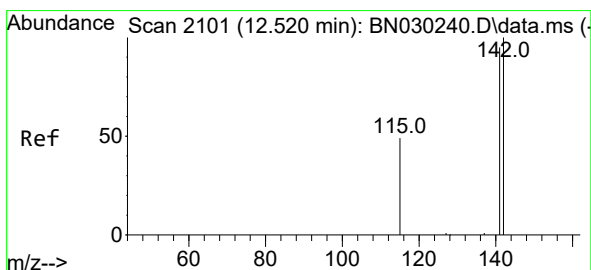
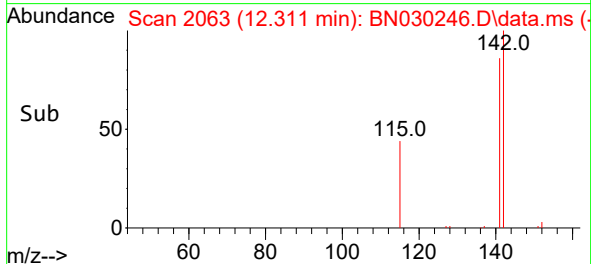
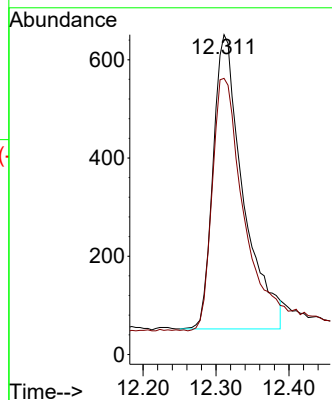
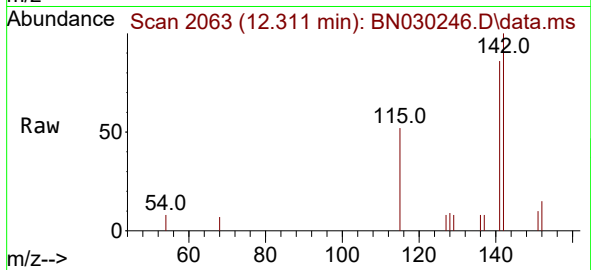




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.311 min Scan# 2063
Delta R.T. 0.005 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

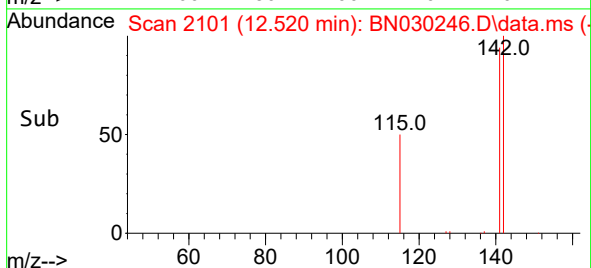
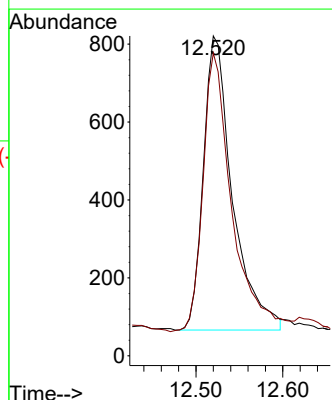
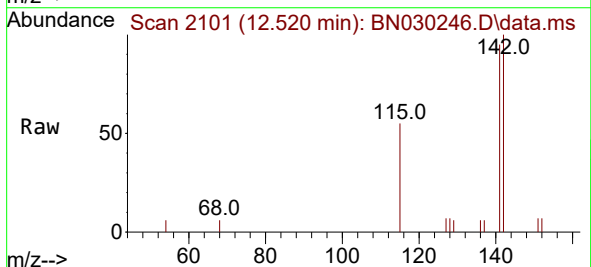
Instrument :
BNA_N
ClientSampleId :
SLCS336

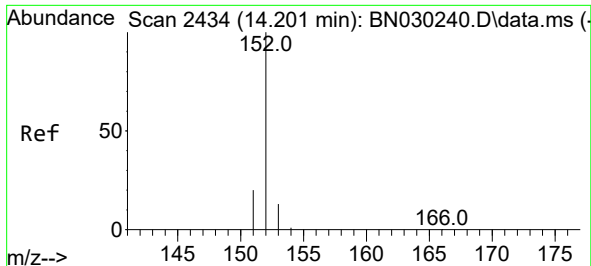
Tgt Ion:142 Resp: 1714
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:142 Resp: 1758
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.2

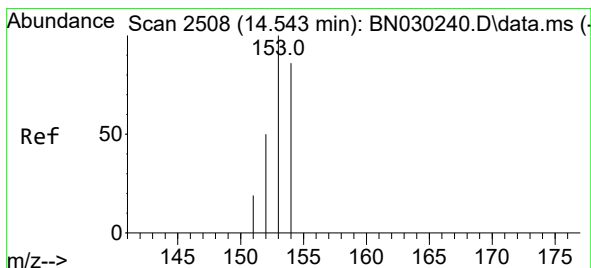
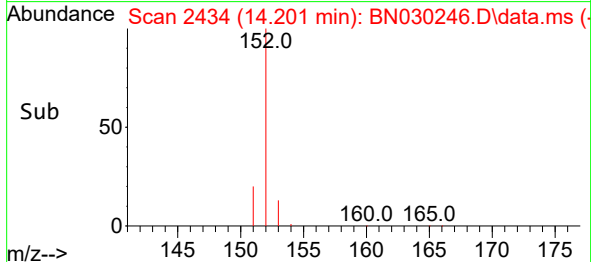
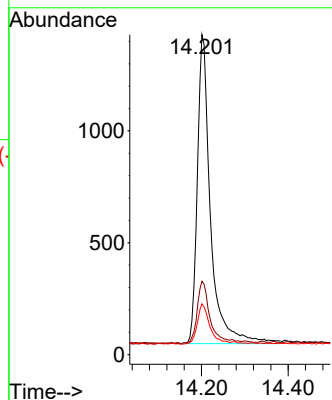
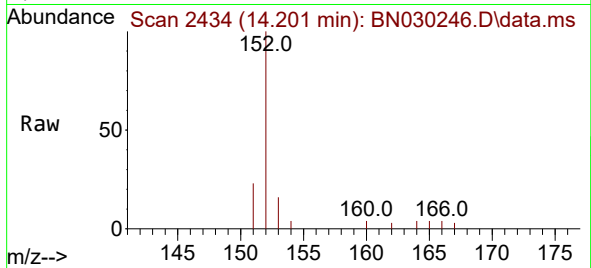




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

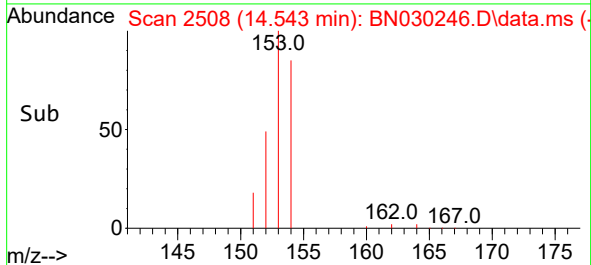
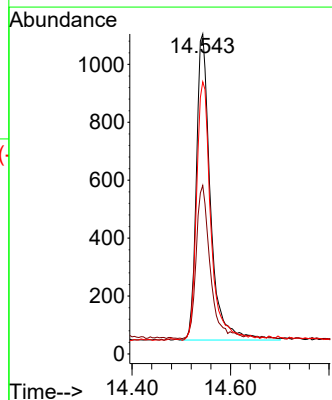
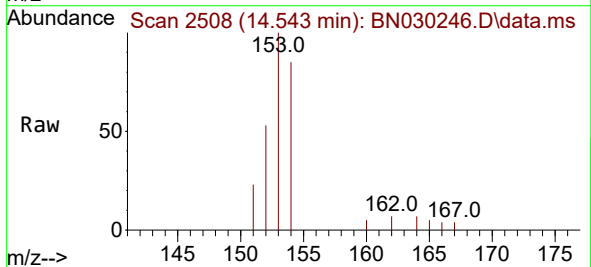
Instrument :
BNA_N
ClientSampleId :
SLCS336

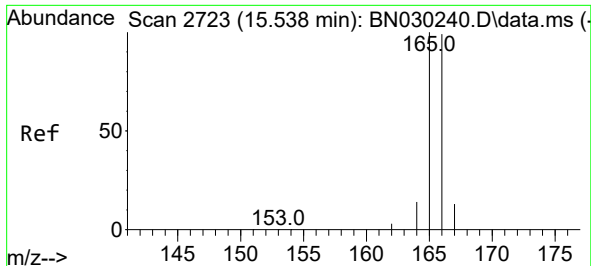
Tgt Ion:152 Resp: 2932
Ion Ratio Lower Upper
152 100
151 22.9 16.9 25.3
153 15.9 11.8 17.6



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:153 Resp: 2103
Ion Ratio Lower Upper
153 100
152 52.7 43.2 64.8
154 85.1 67.5 101.3

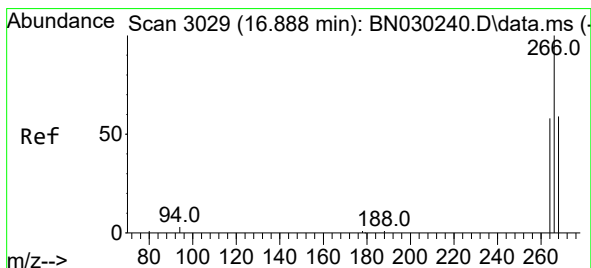
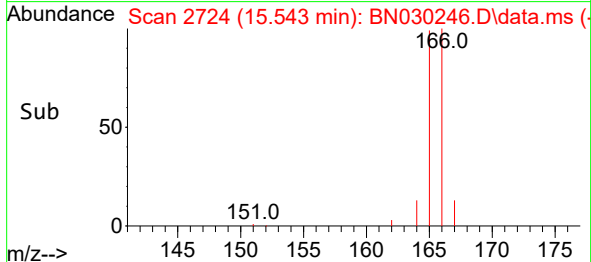
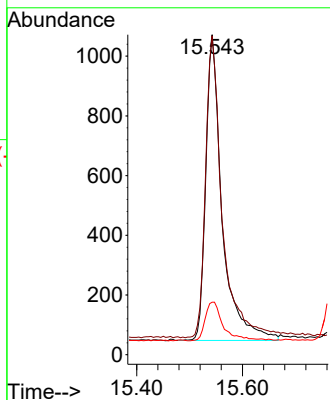
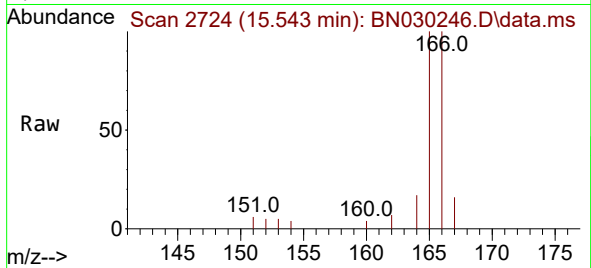




#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

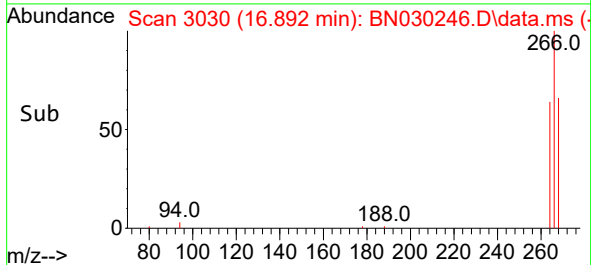
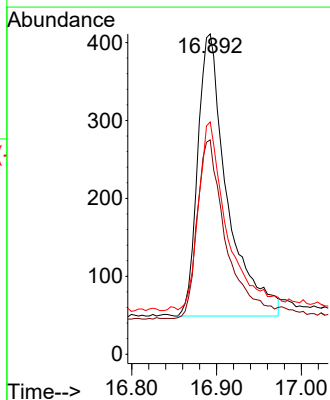
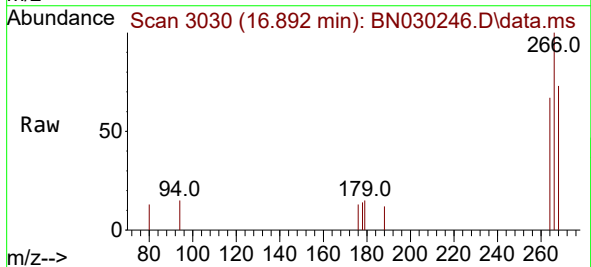
Instrument :
BNA_N
ClientSampleId :
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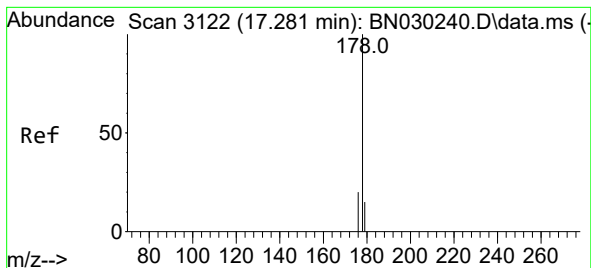
Tgt Ion:166 Resp: 2200
Ion Ratio Lower Upper
166 100
165 99.6 81.8 122.6
167 16.4 13.0 19.4



#14
Pentachlorophenol
Concen: 1.223 ng/ul
RT: 16.892 min Scan# 3030
Delta R.T. 0.004 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:266 Resp: 873
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.8
268 64.7 53.4 80.2





#15

Phenanthrene

Concen: 0.403 ng/ul

RT: 17.281 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BN030246.D

Acq: 04 Mar 2024 08:36

Instrument :

BNA_N

ClientSampleId :

SLCS336

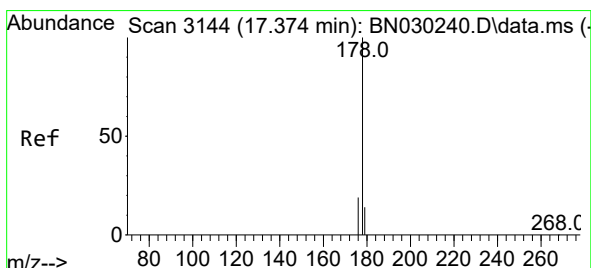
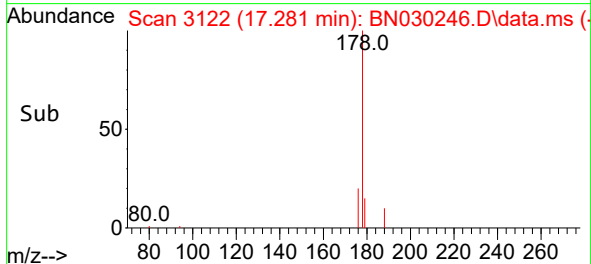
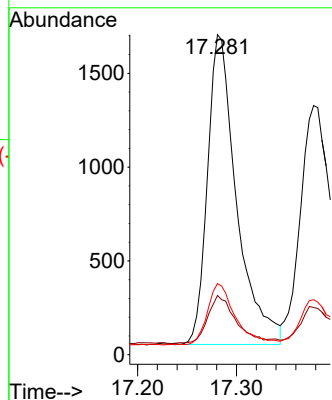
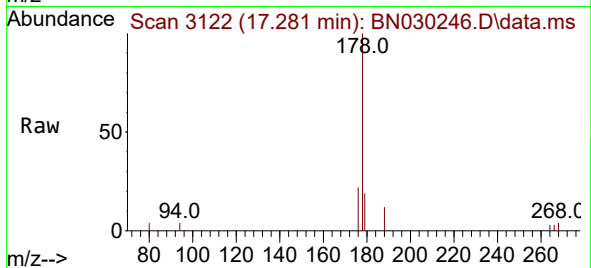
Tgt Ion:178 Resp: 3380

Ion Ratio Lower Upper

178 100

179 18.5 13.8 20.8

176 22.2 16.6 25.0



#16

Anthracene

Concen: 0.410 ng/ul

RT: 17.378 min Scan# 3145

Delta R.T. 0.004 min

Lab File: BN030246.D

Acq: 04 Mar 2024 08:36

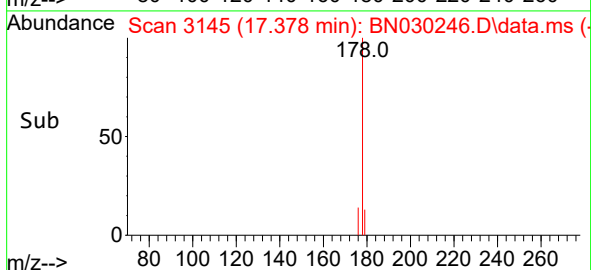
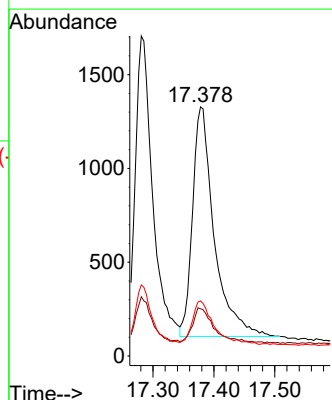
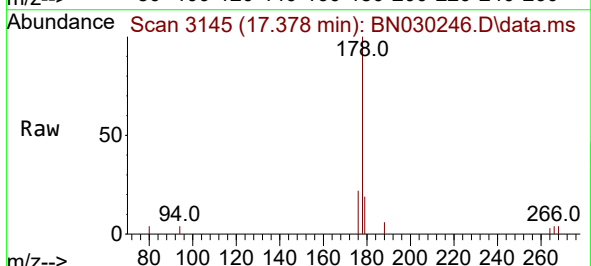
Tgt Ion:178 Resp: 3023

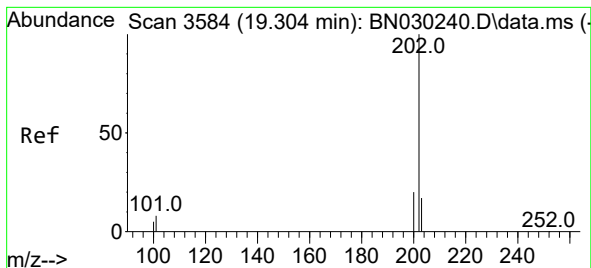
Ion Ratio Lower Upper

178 100

179 19.0 14.8 22.2

176 22.1 17.8 26.6





#19

Fluoranthene

Concen: 0.380 ng/ul

RT: 19.304 min Scan# 3584

Delta R.T. -0.000 min

Lab File: BN030246.D

Acq: 04 Mar 2024 08:36

Instrument :

BNA_N

ClientSampleId :

SLCS336

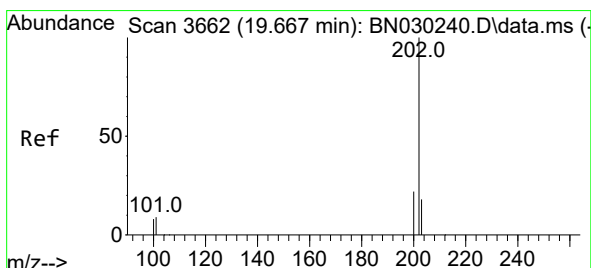
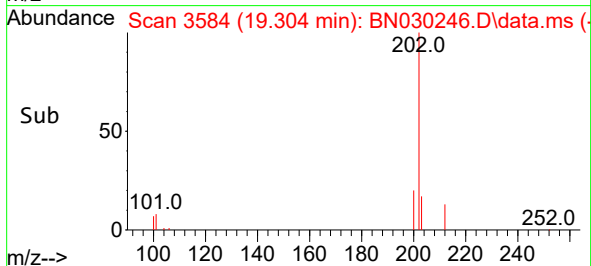
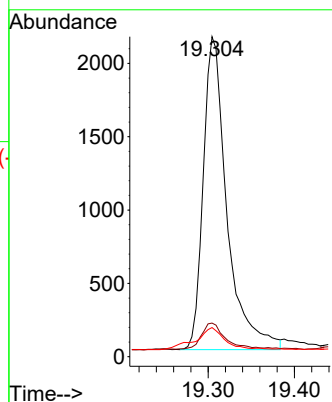
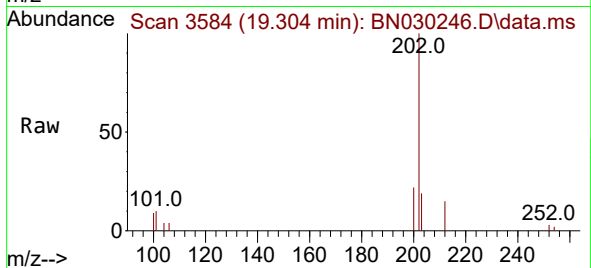
Tgt Ion:202 Resp: 4082

Ion Ratio Lower Upper

202 100

101 10.5 8.8 13.2

100 9.1 7.4 11.2



#20

Pyrene

Concen: 0.380 ng/ul

RT: 19.667 min Scan# 3662

Delta R.T. -0.000 min

Lab File: BN030246.D

Acq: 04 Mar 2024 08:36

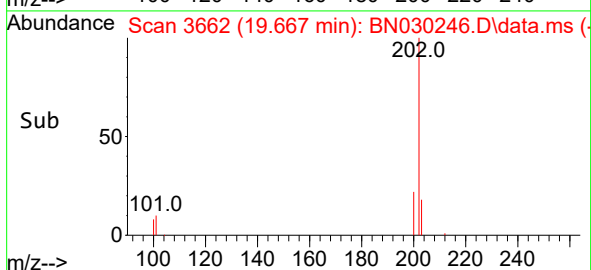
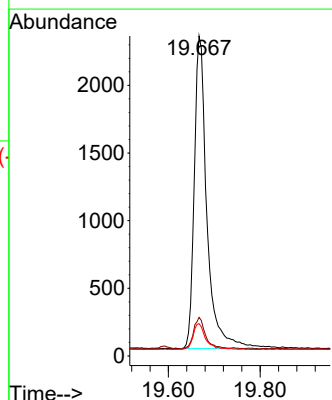
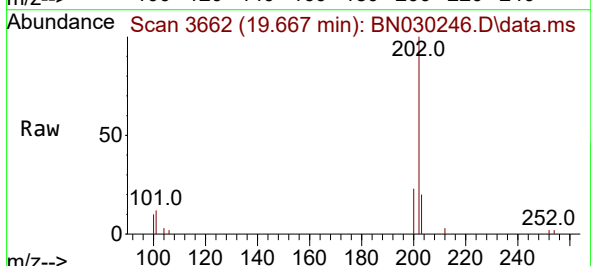
Tgt Ion:202 Resp: 4445

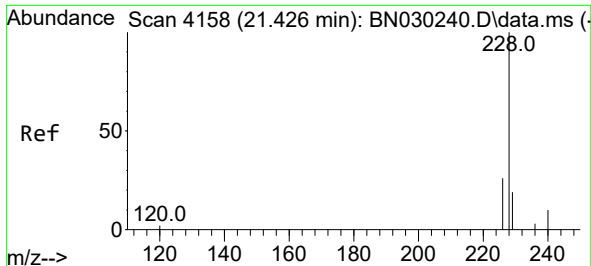
Ion Ratio Lower Upper

202 100

101 12.1 10.6 15.8

100 10.1 8.8 13.2

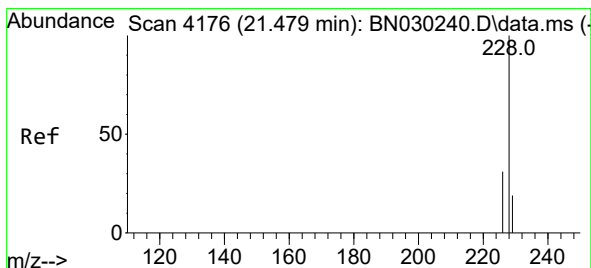
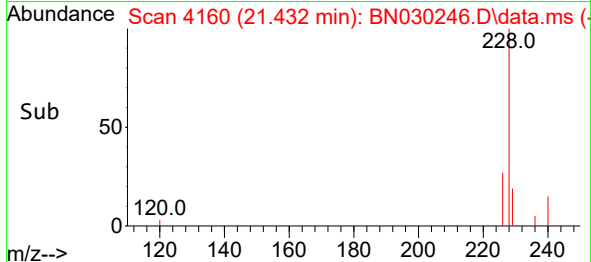
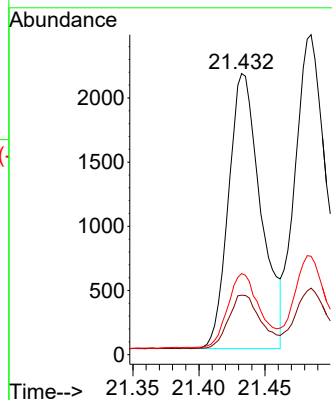
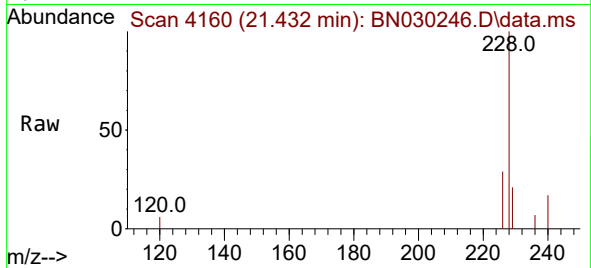




#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.432 min Scan# 4158
Delta R.T. 0.006 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

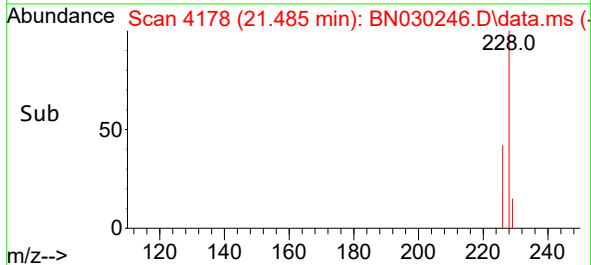
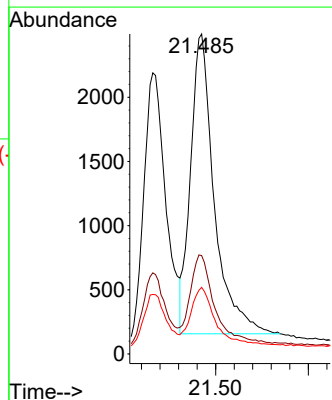
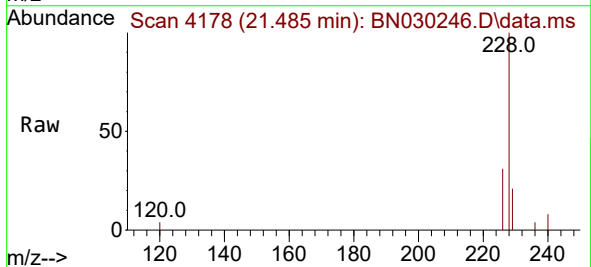
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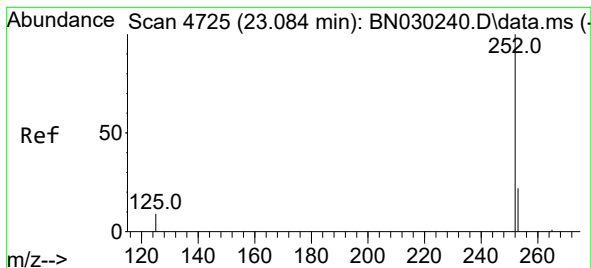
Tgt Ion:228 Resp: 3655
Ion Ratio Lower Upper
228 100
229 21.2 16.6 24.8
226 28.9 23.7 35.5



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.485 min Scan# 4178
Delta R.T. 0.006 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:228 Resp: 4146
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.8 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.416 ng/ul

RT: 23.087 min Scan# 4725

Delta R.T. 0.003 min

Lab File: BN030246.D

Acq: 04 Mar 2024 08:36

Instrument :

BNA_N

ClientSampleId :

SLCS336

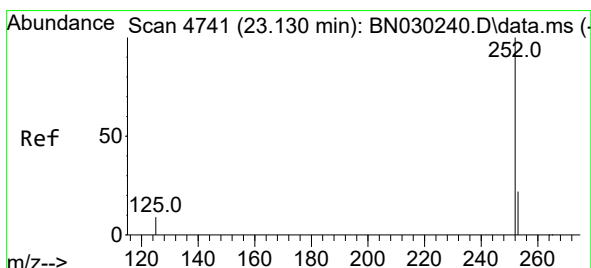
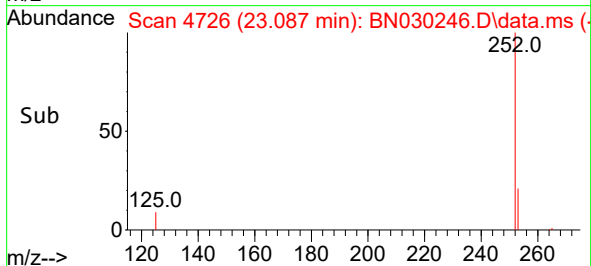
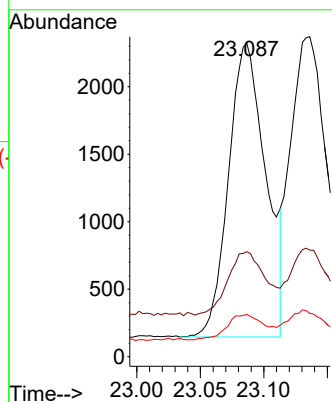
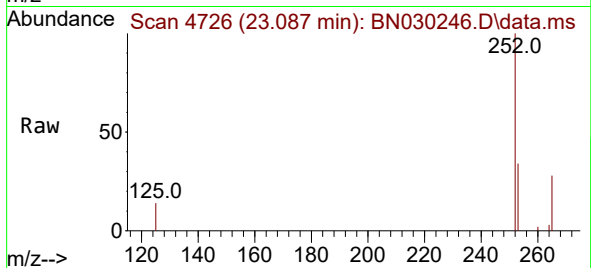
Tgt Ion:252 Resp: 4440

Ion Ratio Lower Upper

252 100

253 33.5 0.0 69.4

125 13.5 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.398 ng/ul

RT: 23.136 min Scan# 4743

Delta R.T. 0.006 min

Lab File: BN030246.D

Acq: 04 Mar 2024 08:36

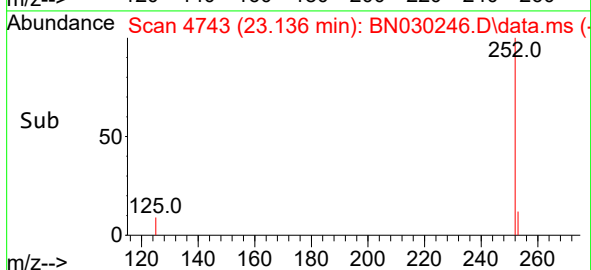
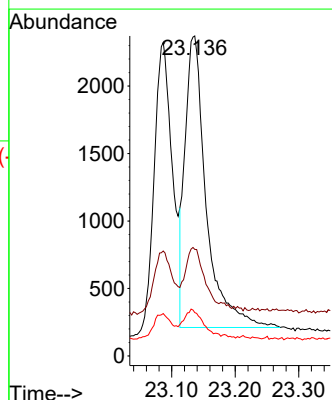
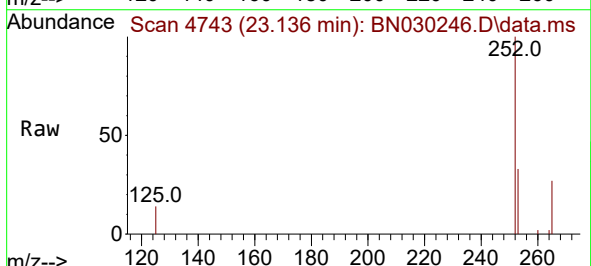
Tgt Ion:252 Resp: 5009

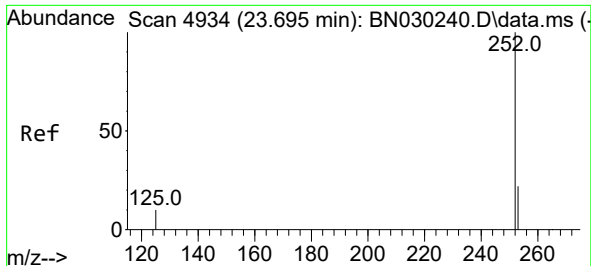
Ion Ratio Lower Upper

252 100

253 33.3 28.0 42.0

125 13.6 14.4 21.6#

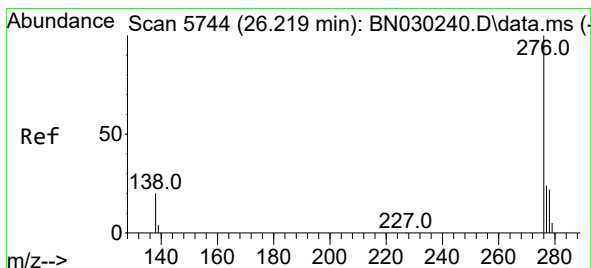
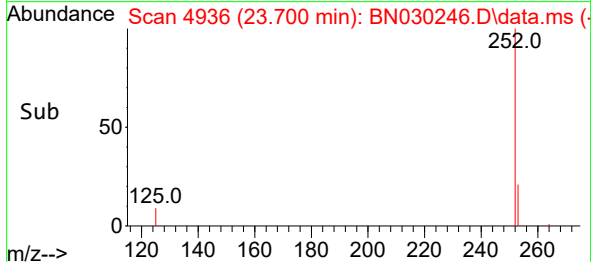
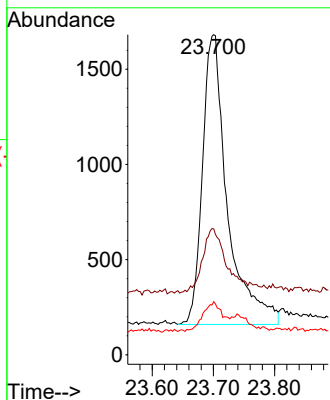
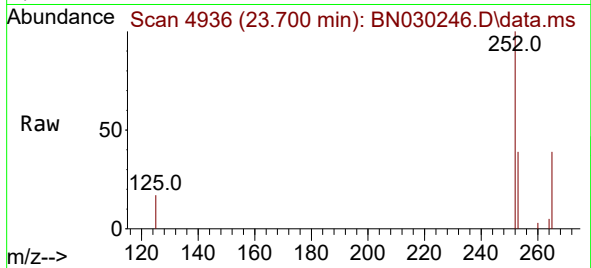




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.700 min Scan# 4934
Delta R.T. 0.006 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

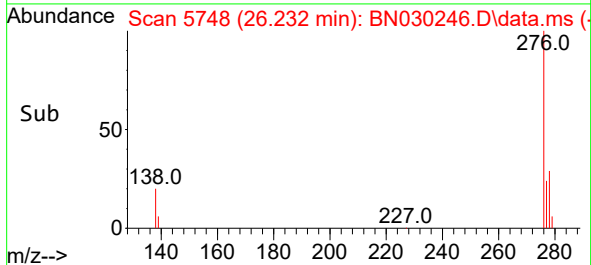
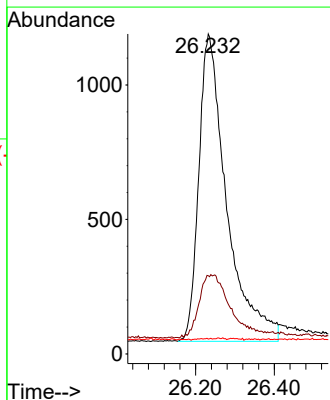
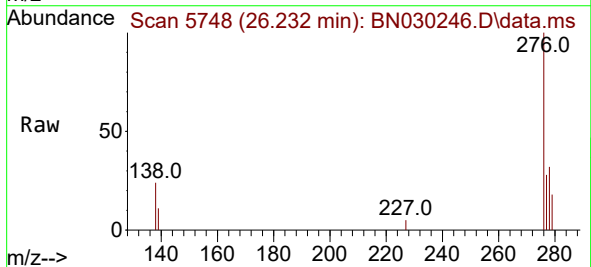
Instrument :
BNA_N
ClientSampleId :
SLCS336

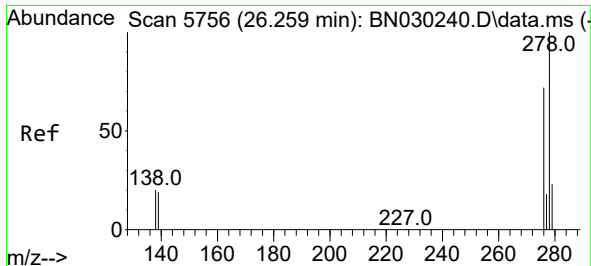
Tgt Ion:252 Resp: 4311
Ion Ratio Lower Upper
252 100
253 39.3 33.0 49.4
125 16.6 16.9 25.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.232 min Scan# 5748
Delta R.T. 0.013 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:276 Resp: 5606
Ion Ratio Lower Upper
276 100
138 23.0 20.9 31.3
227 0.1 0.1 0.1#

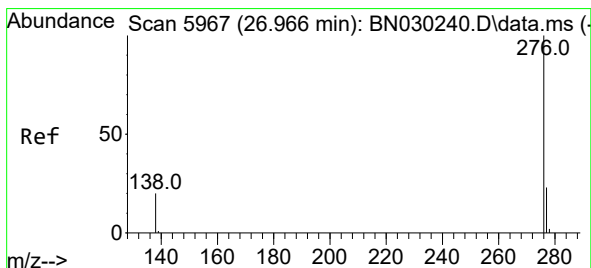
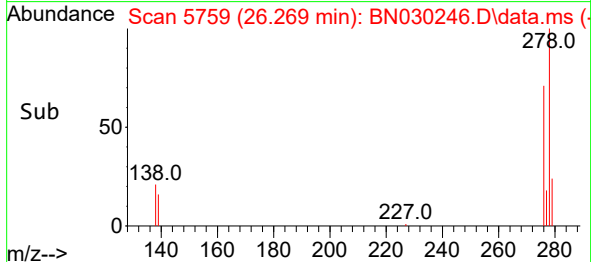
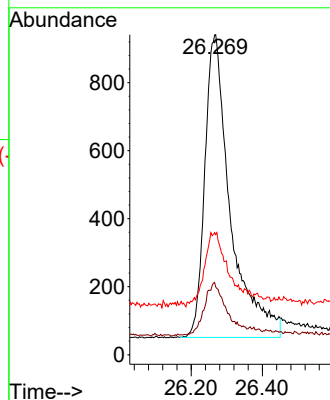
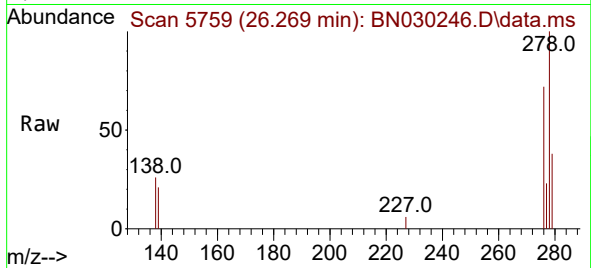




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.269 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Instrument :
BNA_N
ClientSampleId :
SLCS336

Tgt Ion:278 Resp: 4440
Ion Ratio Lower Upper
278 100
139 21.1 18.9 28.3
279 37.5 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 26.966 min Scan# 5967
Delta R.T. -0.000 min
Lab File: BN030246.D
Acq: 04 Mar 2024 08:36

Tgt Ion:276 Resp: 5050
Ion Ratio Lower Upper
276 100
138 23.7 22.6 33.8
277 27.8 21.9 32.9

