

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
 Data File : BN030514.D
 Acq On : 27 Mar 2024 20:32
 Operator : MA/JU
 Sample : PB159786BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS786

Quant Time: Mar 27 23:33:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 15:11:42 2024
 Response via : Initial Calibration

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

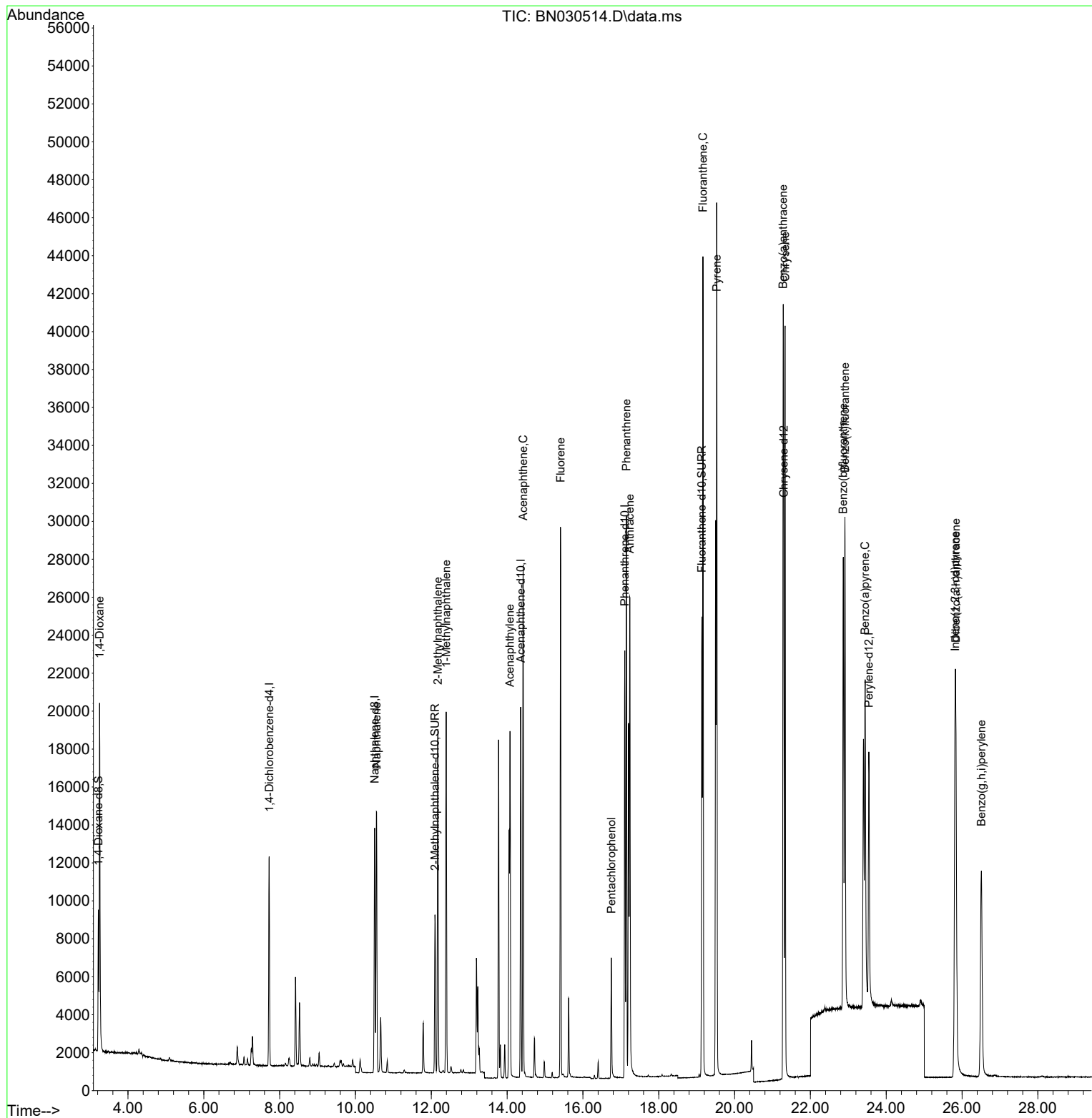
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.507	136	17316	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.358	164	10713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	25417	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	20971	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	18049	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	4840	0.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.096	152	10537	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	26024	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	12352	2.005	ng/ul#	83
5) Naphthalene	10.557	128	18981	0.402	ng/ul	100
7) 2-Methylnaphthalene	12.173	142	12913	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.393	142	13071	0.396	ng/ul	100
10) Acenaphthylene	14.076	152	20023	0.414	ng/ul	99
11) Acenaphthene	14.423	153	15008	0.399	ng/ul	98
12) Fluorene	15.408	166	17889	0.403	ng/ul	99
14) Pentachlorophenol	16.749	266	4188	0.901	ng/ul	100
15) Phenanthrene	17.146	178	30582	0.401	ng/ul	99
16) Anthracene	17.238	178	27182	0.423	ng/ul	99
19) Fluoranthene	19.165	202	35082	0.406	ng/ul	98
20) Pyrene	19.527	202	36588	0.430	ng/ul	98
21) Benzo(a)anthracene	21.280	228	30923	0.427	ng/ul	100
22) Chrysene	21.333	228	33550	0.420	ng/ul	100
24) Benzo(b)fluoranthene	22.864	252	29957	0.408	ng/ul	99
25) Benzo(k)fluoranthene	22.911	252	32702	0.422	ng/ul	99
26) Benzo(a)pyrene	23.443	252	26324	0.441	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.816	276	29068	0.431	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.833	278	23295	0.435	ng/ul	98
29) Benzo(g,h,i)perylene	26.510	276	23342	0.407	ng/ul	98

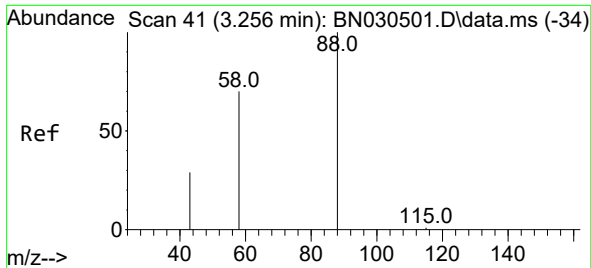
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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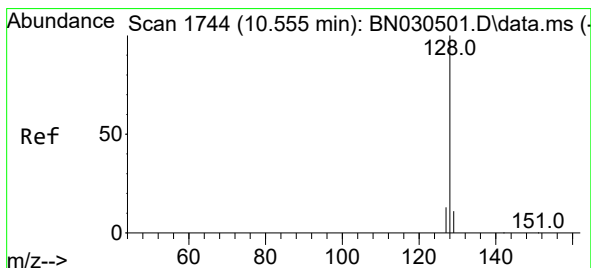
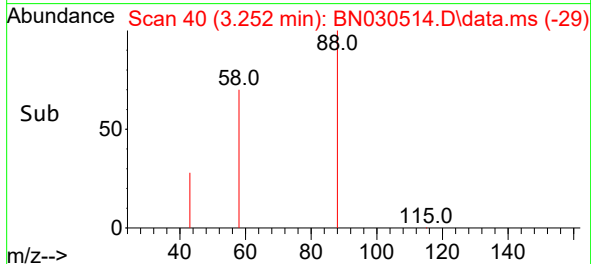
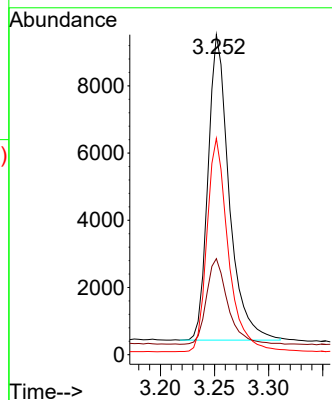
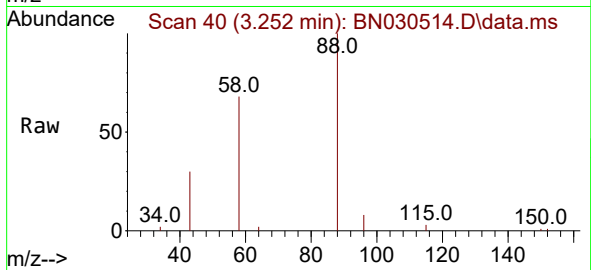




#2
1,4-Dioxane
Concen: 2.005 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

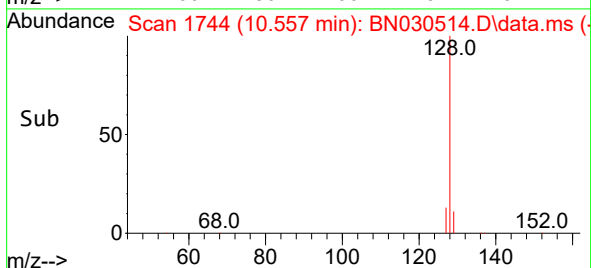
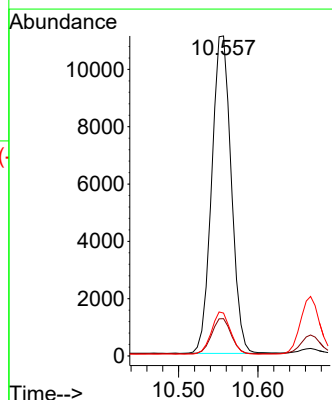
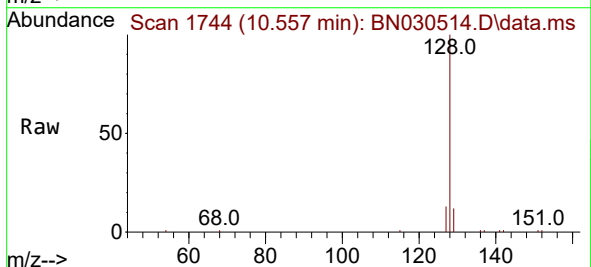
Instrument :
BNA_N
ClientSampleId :
SLCS786

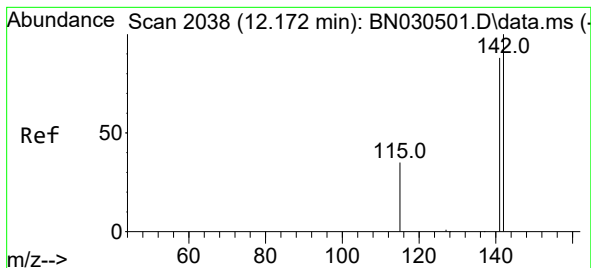
Tgt Ion: 88 Resp: 12352
Ion Ratio Lower Upper
88 100
43 30.0 22.9 34.3
58 67.6 40.3 60.5#



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.557 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion: 128 Resp: 18981
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.7 16.1

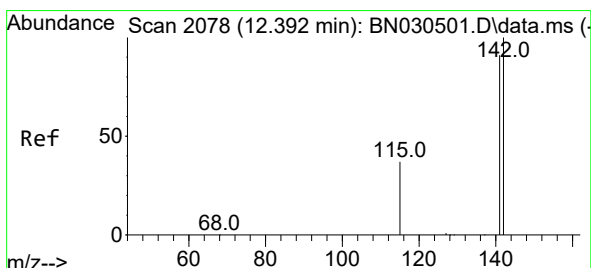
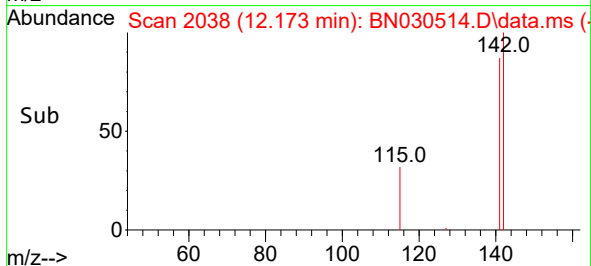
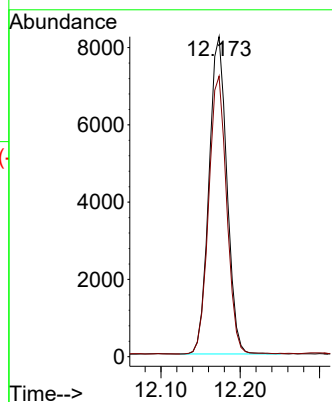
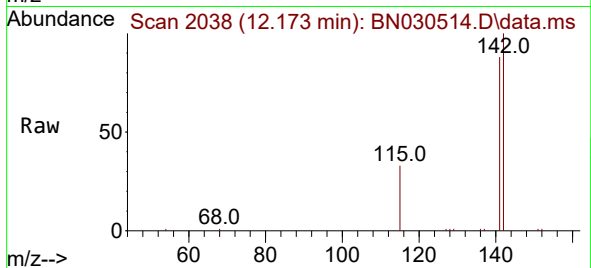




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.173 min Scan# 2038
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

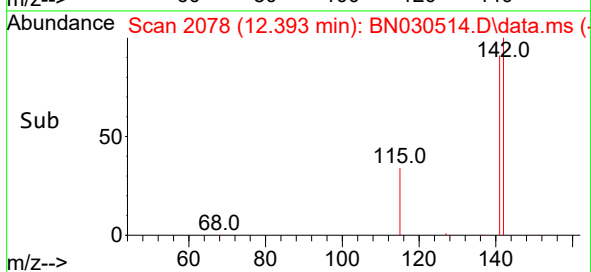
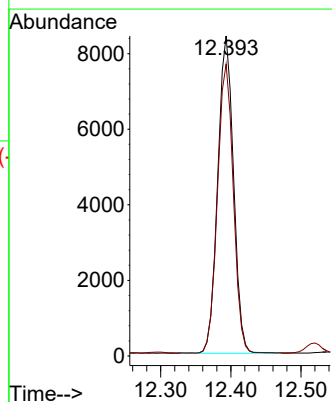
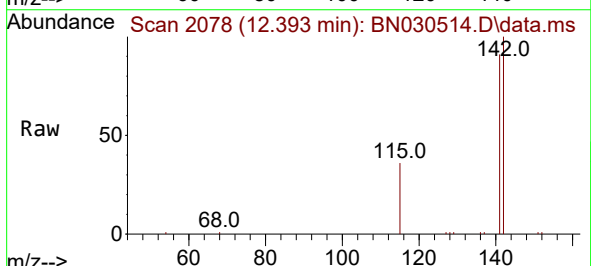
Instrument :
BNA_N
ClientSampleId :
SLCS786

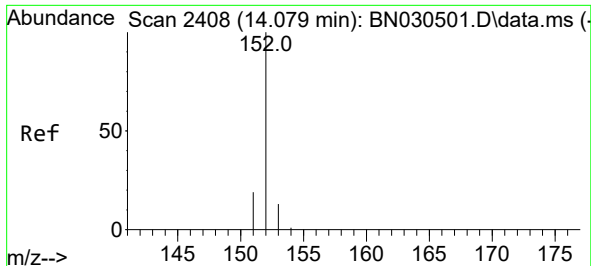
Tgt Ion:142 Resp: 12913
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:142 Resp: 13071
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

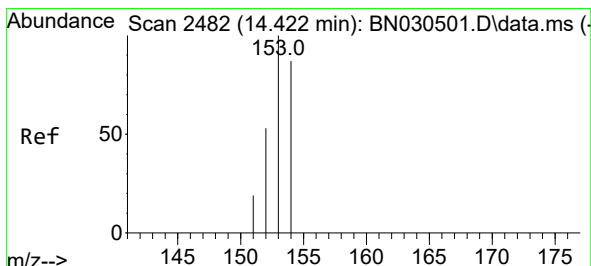
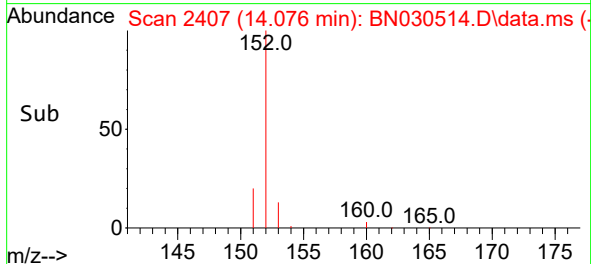
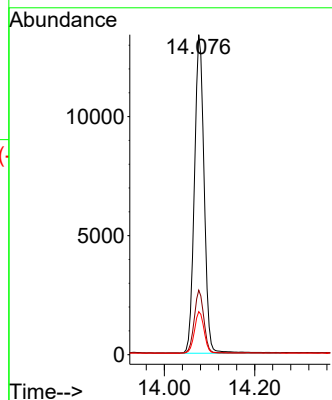
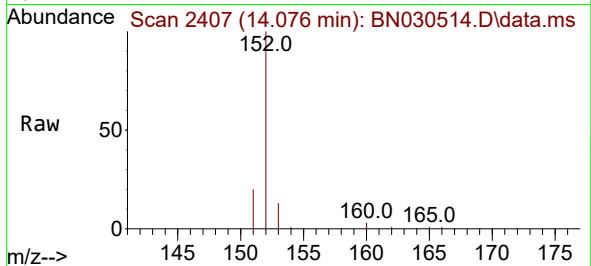




#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.076 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

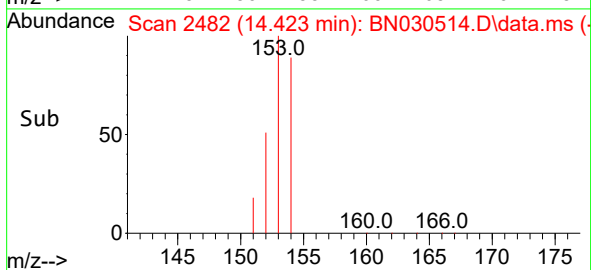
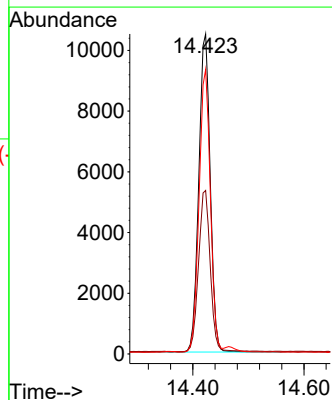
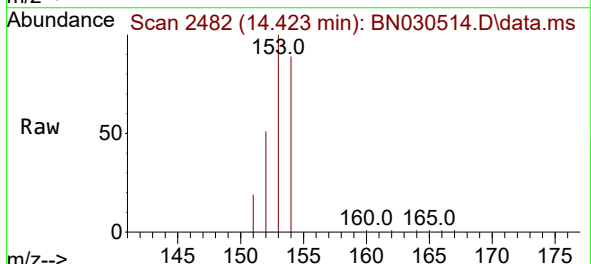
Instrument :
BNA_N
ClientSampleId :
SLCS786

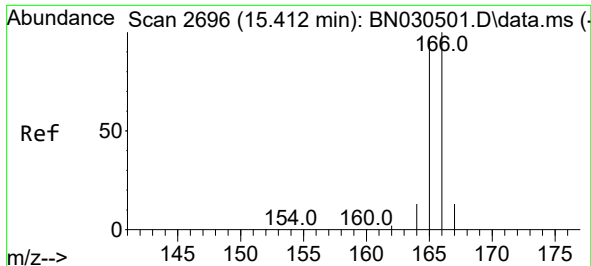
Tgt Ion:152 Resp: 20023
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:153 Resp: 15008
Ion Ratio Lower Upper
153 100
152 51.1 42.9 64.3
154 88.9 69.8 104.8

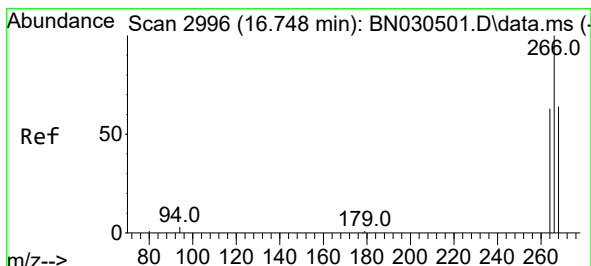
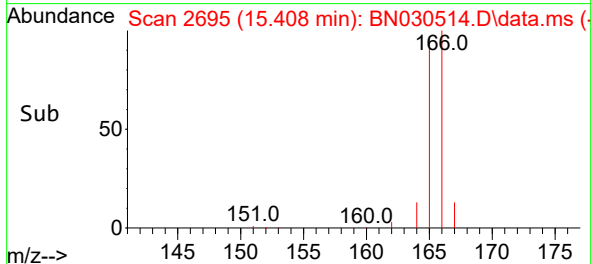
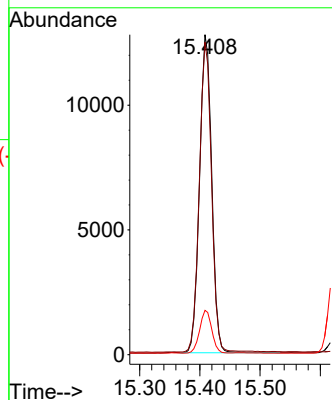
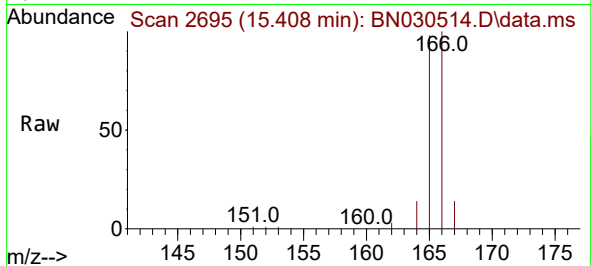




#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.408 min Scan# 2695
Delta R.T. -0.003 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

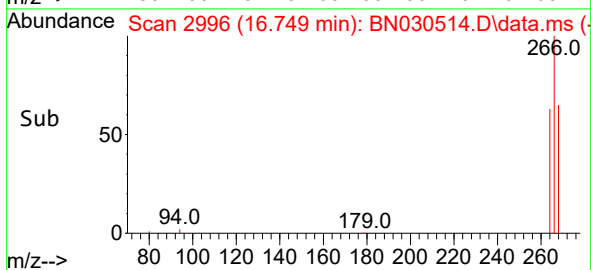
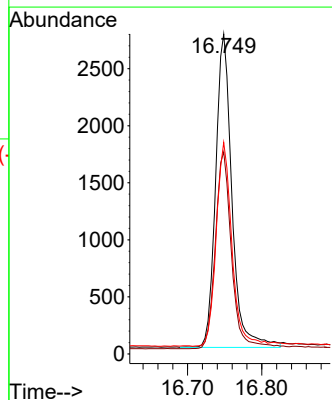
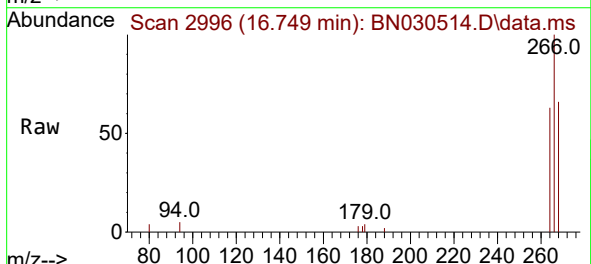
Instrument :
BNA_N
ClientSampleId :
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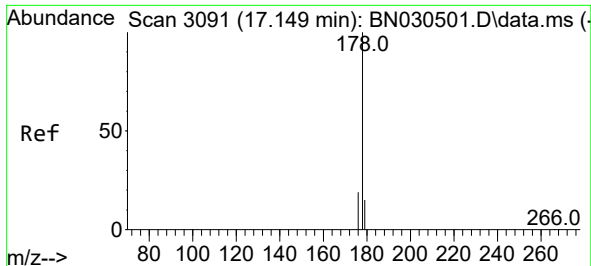
Tgt Ion:166 Resp: 17889
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.901 ng/ul
RT: 16.749 min Scan# 2996
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:266 Resp: 4188
Ion Ratio Lower Upper
266 100
264 62.4 50.0 75.0
268 63.8 51.0 76.6

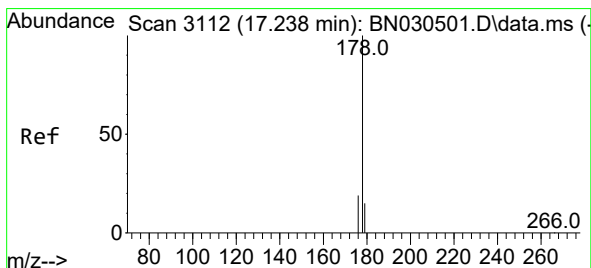
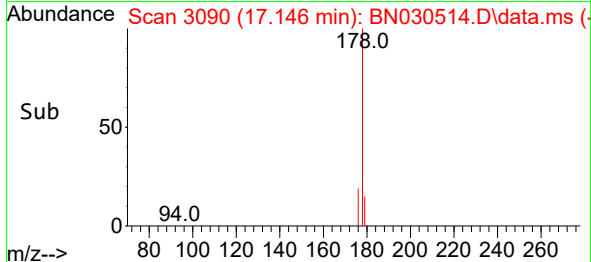
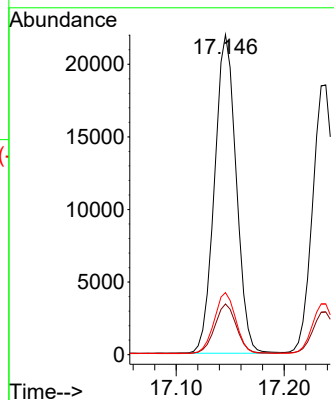
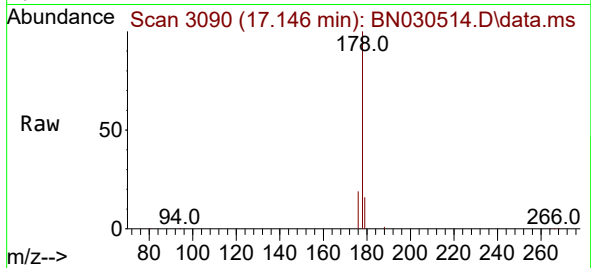




#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.146 min Scan# 3091
Delta R.T. -0.003 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

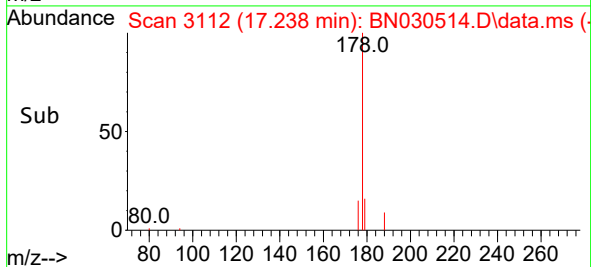
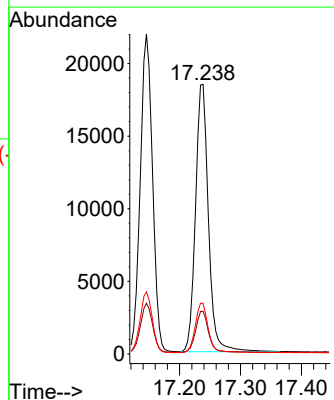
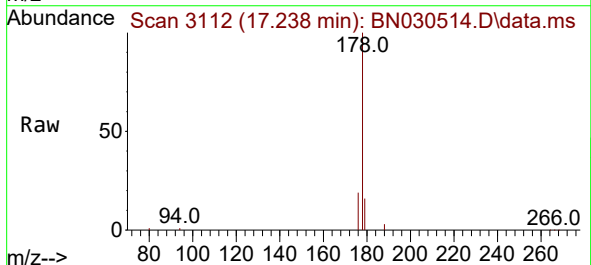
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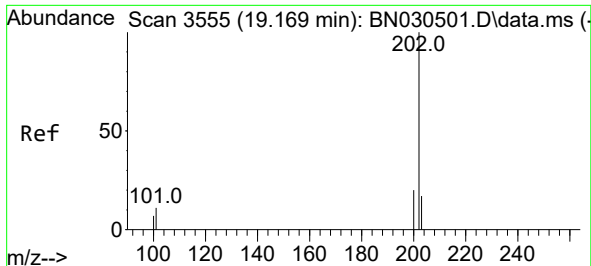
Tgt Ion:178 Resp: 30582
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.423 ng/ul
RT: 17.238 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:178 Resp: 27182
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.8 15.3 22.9

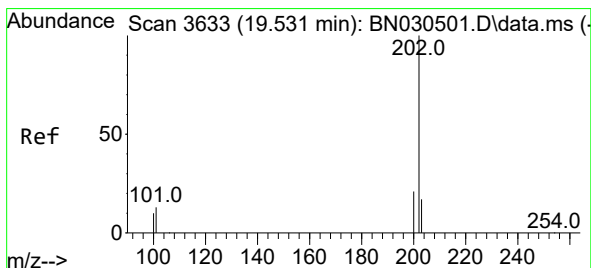
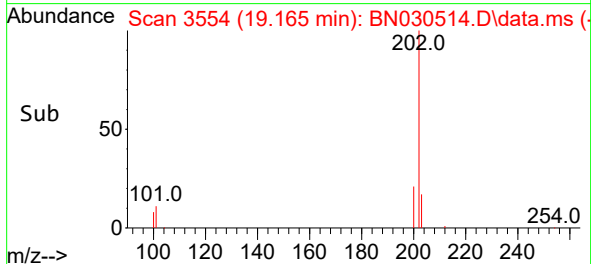
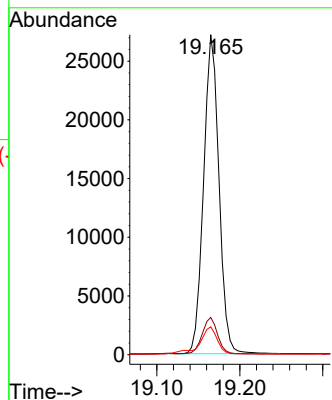
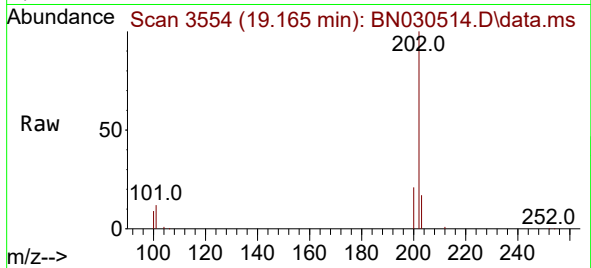




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.165 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

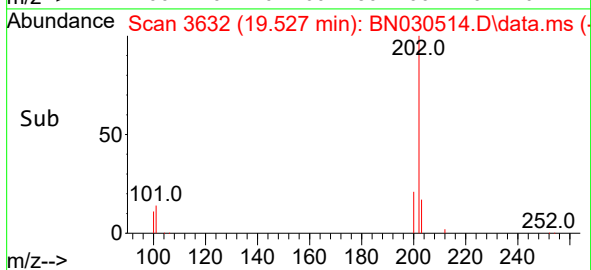
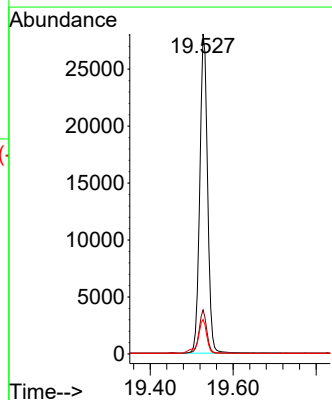
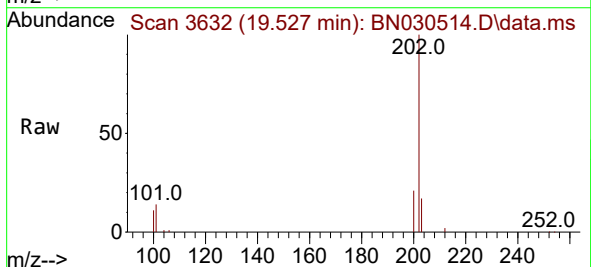
Instrument :
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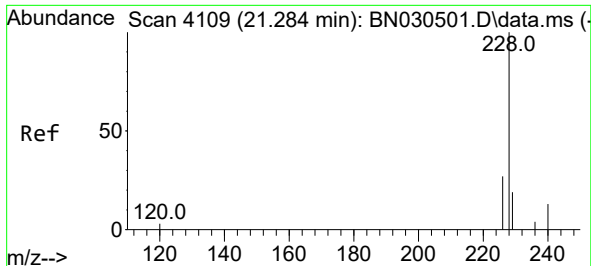
Tgt Ion:202 Resp: 35082
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.7 6.6 9.8



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.527 min Scan# 3632
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

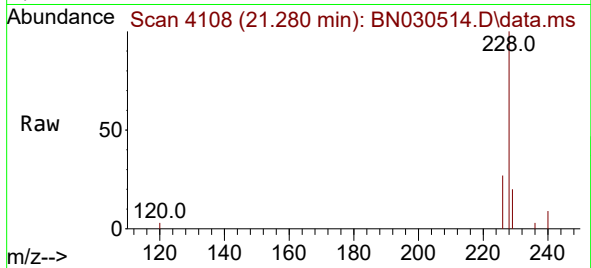
Tgt Ion:202 Resp: 36588
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 10.7 8.2 12.2



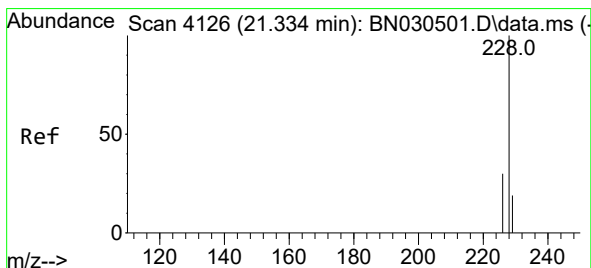
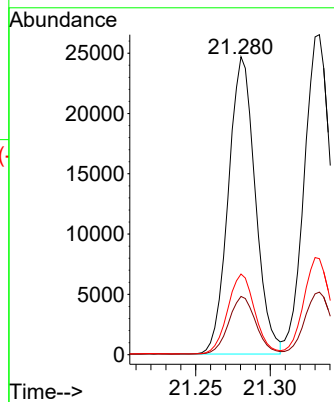
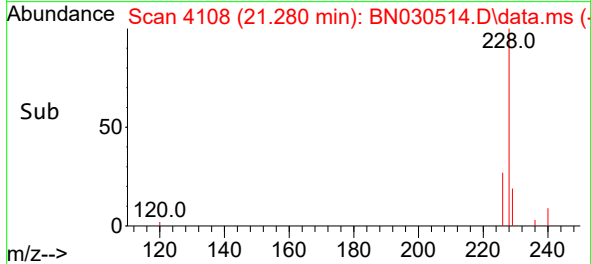


#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.280 min Scan# 4108
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

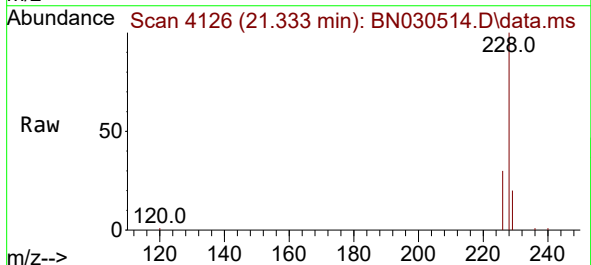
Instrument :
BNA_N
ClientSampleId :
SLCS786



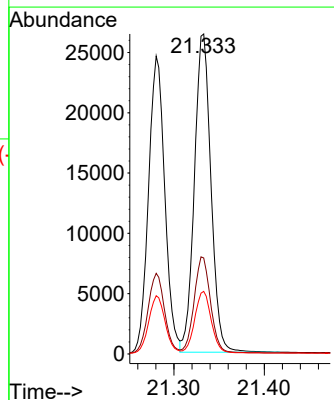
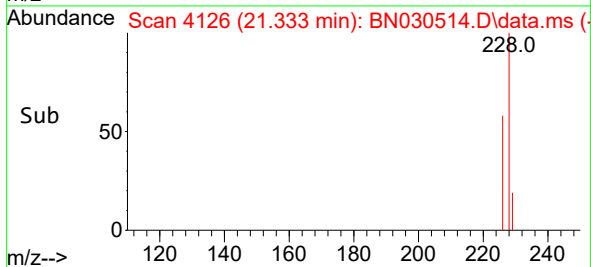
Tgt Ion:228 Resp: 30923
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.1 21.5 32.3

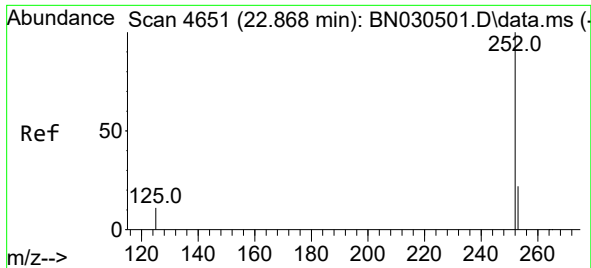


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.333 min Scan# 4126
Delta R.T. -0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32



Tgt Ion:228 Resp: 33550
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 15.6 23.4

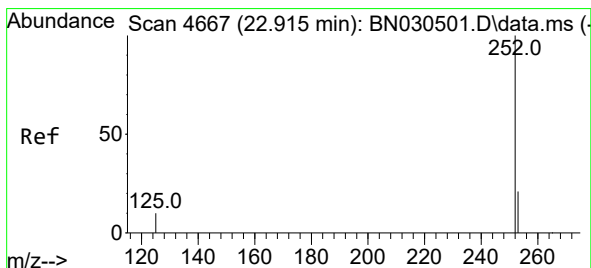
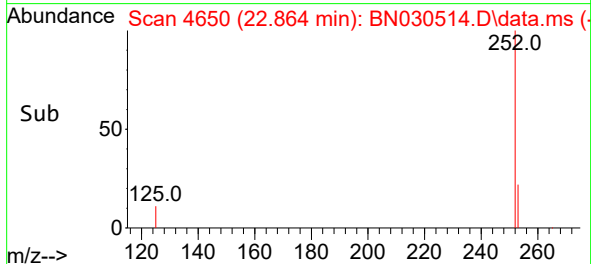
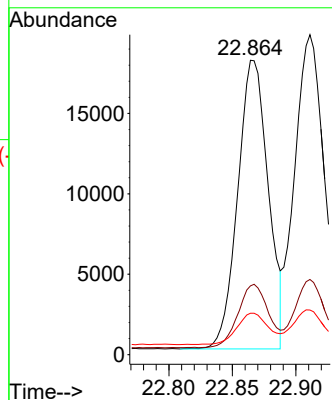
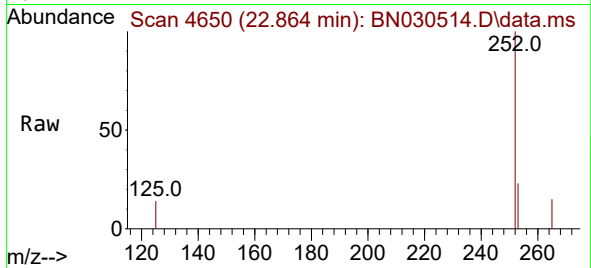




#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.864 min Scan# 4650
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

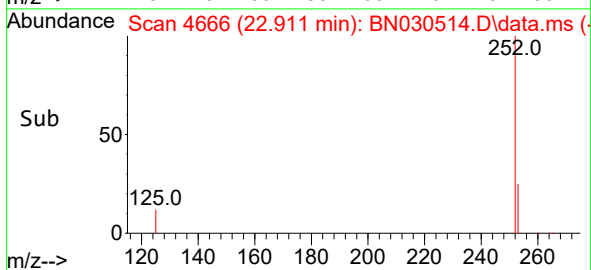
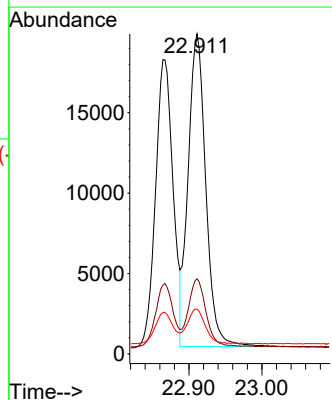
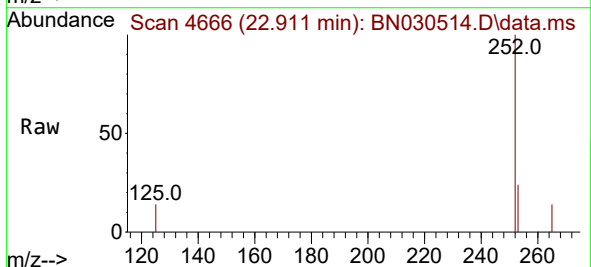
Instrument :
BNA_N
ClientSampleId :
SLCS786

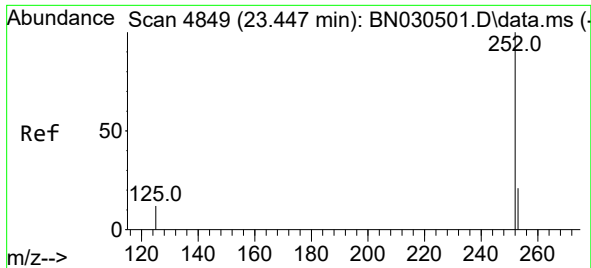
Tgt Ion:252 Resp: 29957
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.4
125 14.1 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.911 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

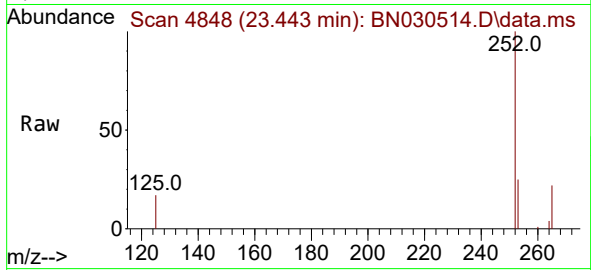
Tgt Ion:252 Resp: 32702
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 13.9 11.6 17.4



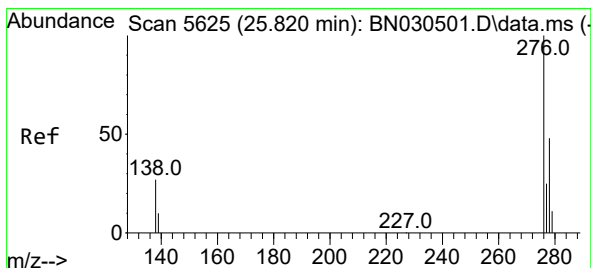
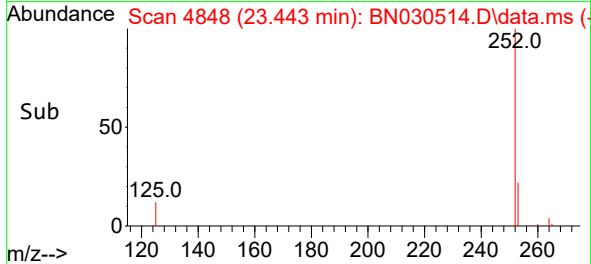
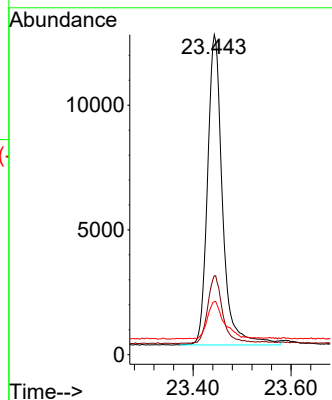


#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.443 min Scan# 4848
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

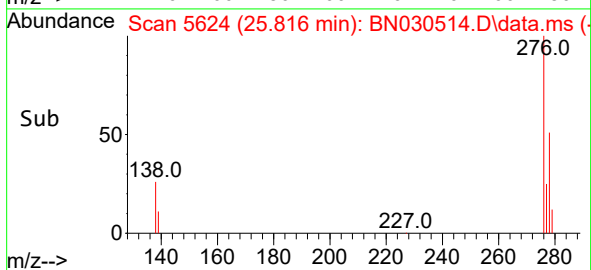
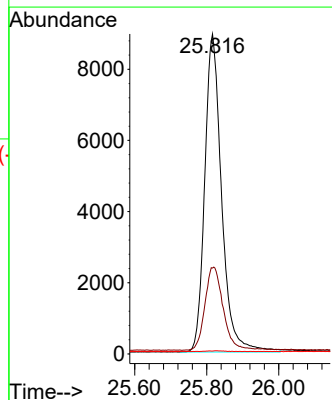
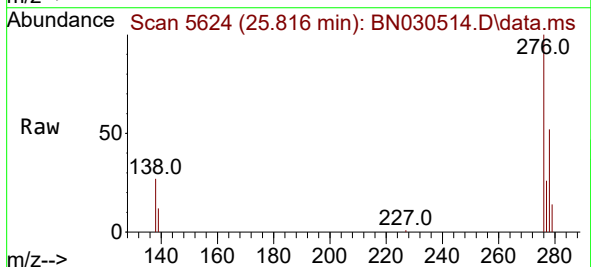


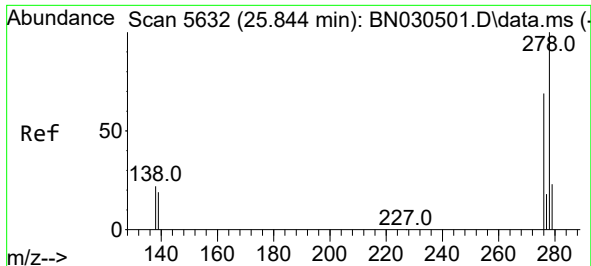
Tgt Ion:252 Resp: 26324
Ion Ratio Lower Upper
252 100
253 24.6 19.6 29.4
125 16.5 14.3 21.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 25.816 min Scan# 5624
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:276 Resp: 29068
Ion Ratio Lower Upper
276 100
138 28.6 23.3 34.9
227 0.2 0.1 0.1#

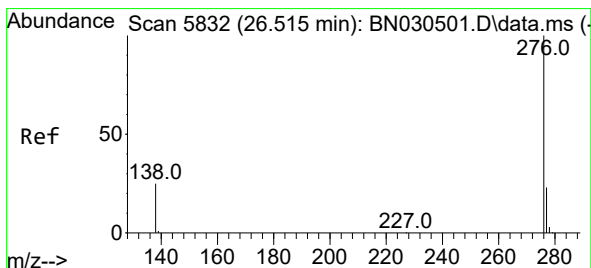
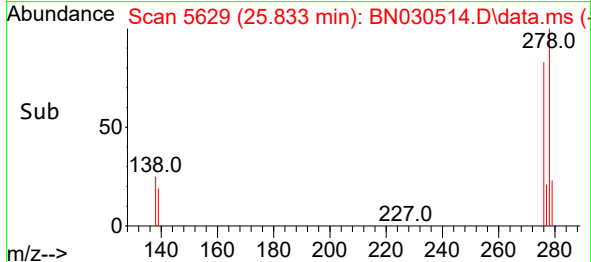
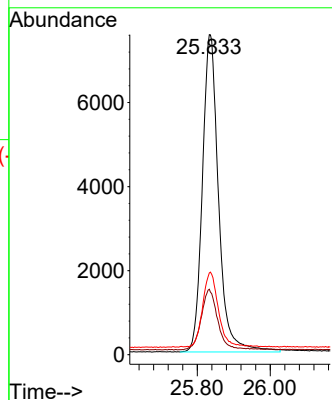
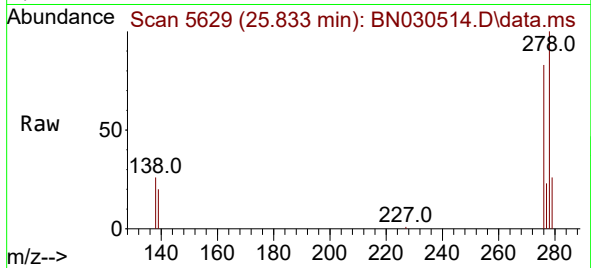




#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 25.833 min Scan# 5629
Delta R.T. -0.011 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:278 Resp: 23295
Ion Ratio Lower Upper
278 100
139 20.4 16.5 24.7
279 25.6 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.510 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:276 Resp: 23342
Ion Ratio Lower Upper
276 100
138 25.1 21.1 31.7
277 25.3 19.8 29.8

