

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034207.D
 Acq On : 24 Sep 2024 18:09
 Operator : RC/JU
 Sample : PB163540BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS540

Quant Time: Sep 24 18:40:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 19:39:10 2024
 Response via : Initial Calibration

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

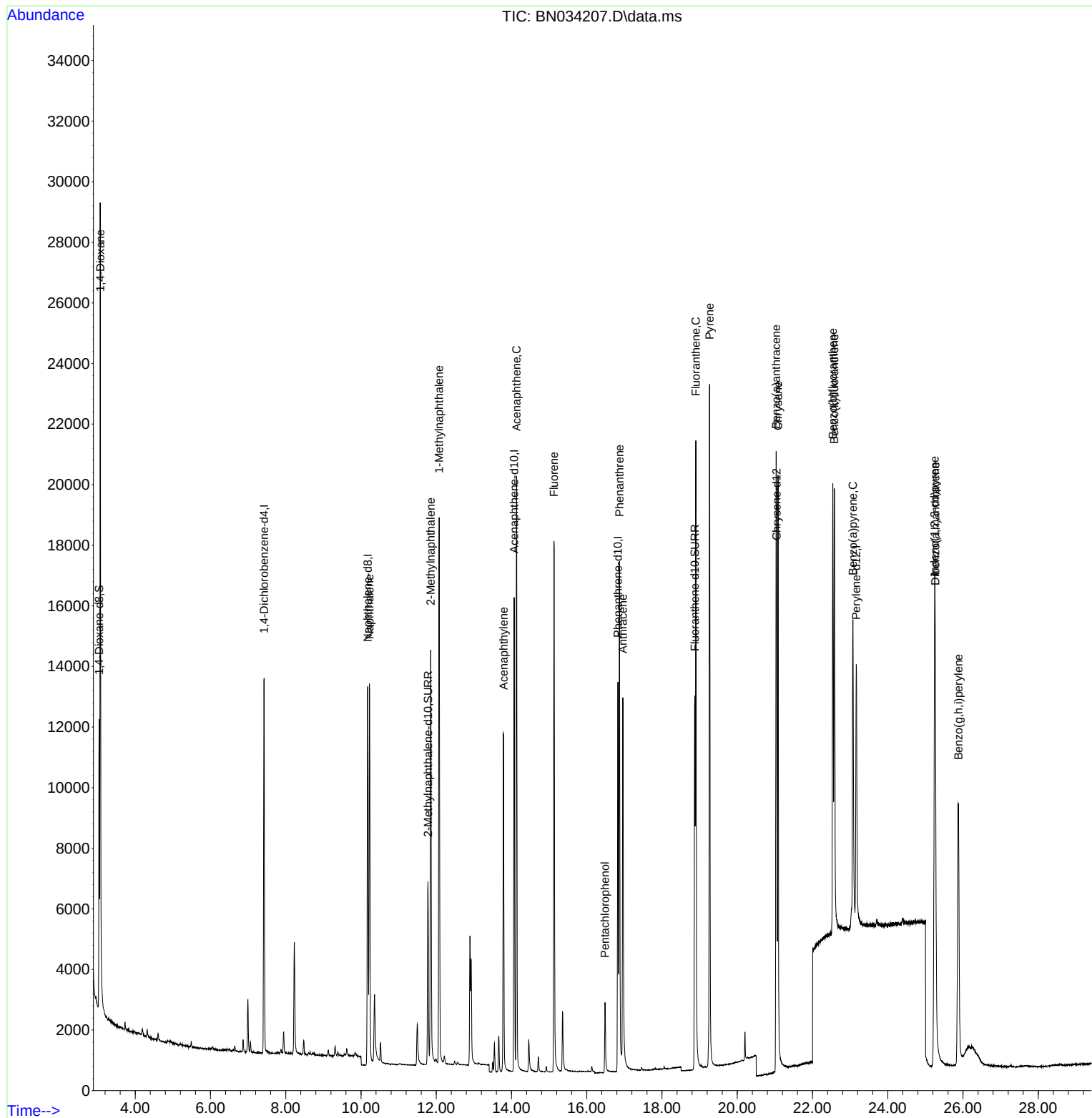
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6031	0.400	ng/ul	0.00
4) Naphthalene-d8	10.179	136	16963	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.069	164	8787	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.827	188	16055	0.400	ng/ul	0.00
17) Chrysene-d12	21.046	240	11294	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	11716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	5122	0.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	8696	0.357	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	14487	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	15017	2.183	ng/ul#	78
5) Naphthalene	10.223	128	17373	0.383	ng/ul	100
7) 2-Methylnaphthalene	11.851	142	10782	0.375	ng/ul	98
8) 1-Methylnaphthalene	12.077	142	12979	0.439	ng/ul	100
10) Acenaphthylene	13.787	152	13386	0.335	ng/ul	99
11) Acenaphthene	14.134	153	11475	0.398	ng/ul	99
12) Fluorene	15.129	166	12094	0.376	ng/ul	99
14) Pentachlorophenol	16.485	266	1816	0.360	ng/ul	98
15) Phenanthrene	16.869	178	18296	0.386	ng/ul	99
16) Anthracene	16.958	178	15460	0.363	ng/ul	100
19) Fluoranthene	18.898	202	19121	0.429	ng/ul	96
20) Pyrene	19.265	202	19858	0.420	ng/ul	98
21) Benzo(a)anthracene	21.031	228	15596	0.351	ng/ul	99
22) Chrysene	21.081	228	18441	0.411	ng/ul	99
24) Benzo(b)fluoranthene	22.539	252	17033	0.375	ng/ul	100
25) Benzo(k)fluoranthene	22.580	252	19050	0.419	ng/ul	99
26) Benzo(a)pyrene	23.074	252	15291	0.419	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.242	276	20830	0.380	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.262	278	15939	0.374	ng/ul	97
29) Benzo(g,h,i)perylene	25.876	276	17096	0.399	ng/ul	97

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

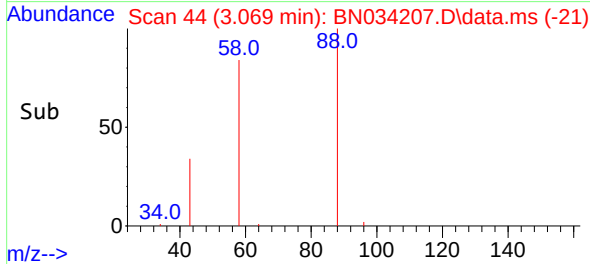
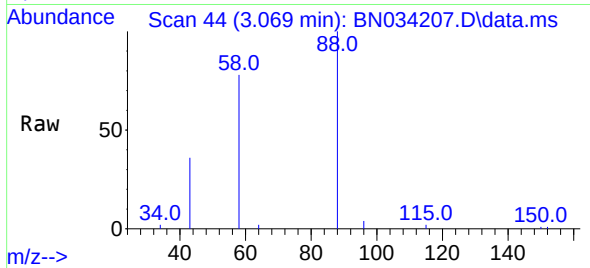
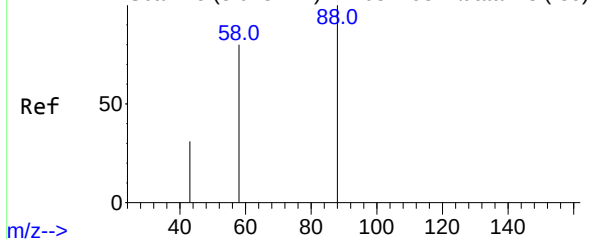
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034207.D
Acq On : 24 Sep 2024 18:09
Operator : RC/JU
Sample : PB163540BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS540

Quant Time: Sep 24 18:40:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration



Abundance Scan 45 (3.073 min): BN034193.D\data.ms (-39)



#2

1,4-Dioxane

Concen: 2.183 ng/ul

RT: 3.069 min Scan# 44

Delta R.T. -0.004 min

Lab File: BN034207.D

Acq: 24 Sep 2024 18:09

Instrument :

BNA_N

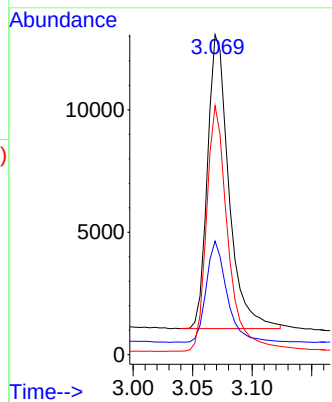
ClientSampleId :

SLCS540

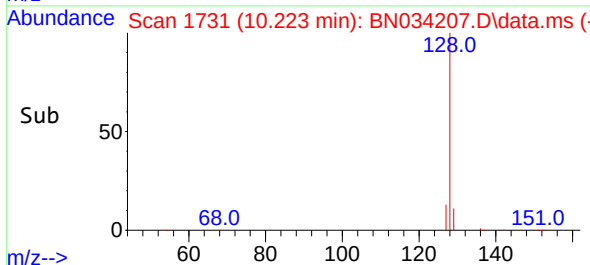
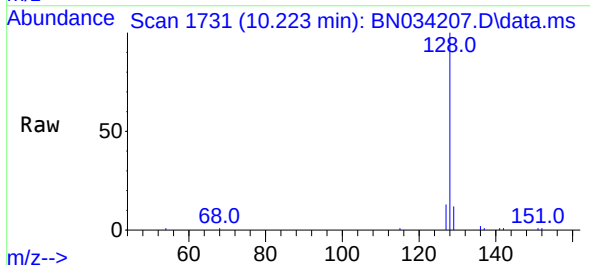
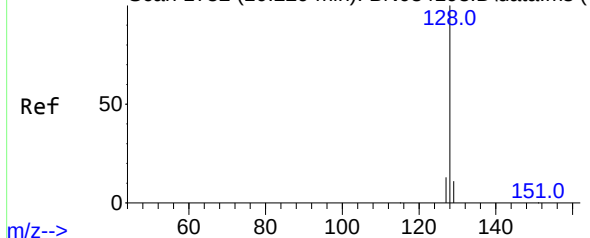
Tgt Ion: 88 Resp: 15017

Ion Ratio Lower Upper

88	100		
43	35.5	47.0	70.4#
58	77.8	53.0	79.4



Abundance Scan 1732 (10.229 min): BN034193.D\data.ms (-



#5

Naphthalene

Concen: 0.383 ng/ul

RT: 10.223 min Scan# 1731

Delta R.T. -0.006 min

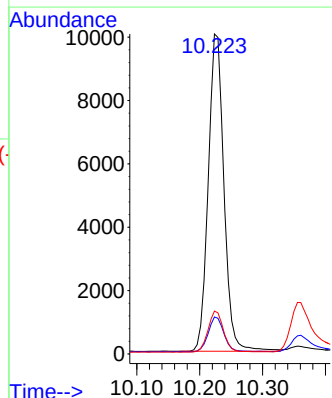
Lab File: BN034207.D

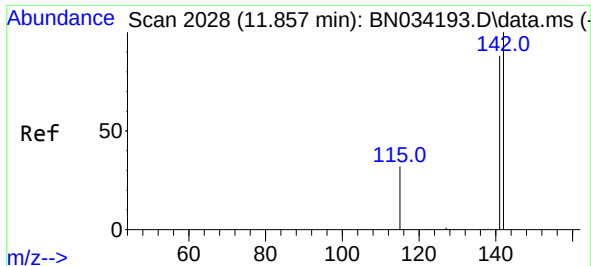
Acq: 24 Sep 2024 18:09

Tgt Ion:128 Resp: 17373

Ion Ratio Lower Upper

128	100		
129	11.5	9.3	13.9
127	13.4	10.8	16.2

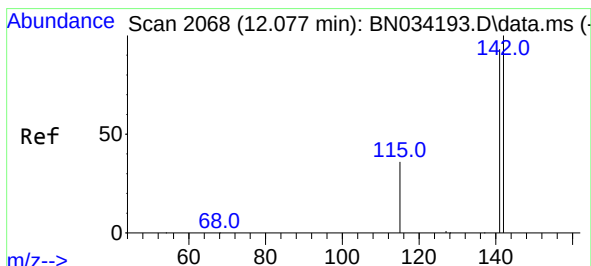
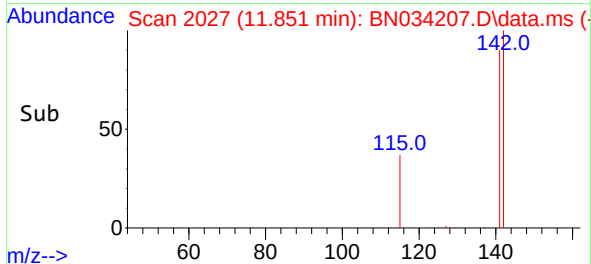
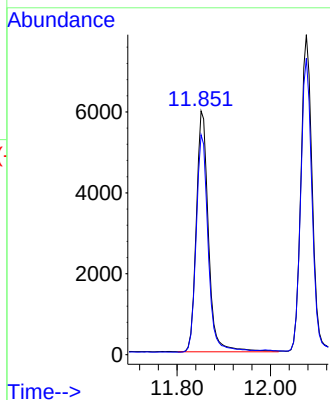
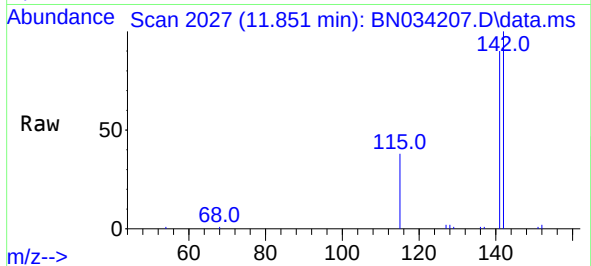




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 11.851 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

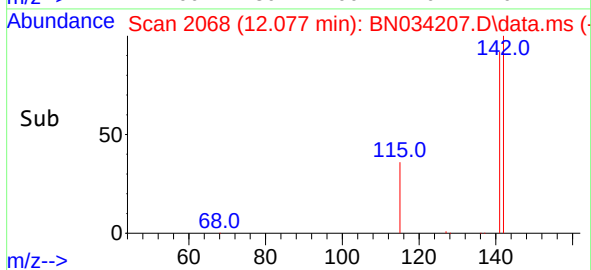
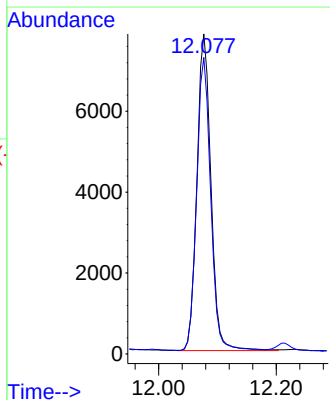
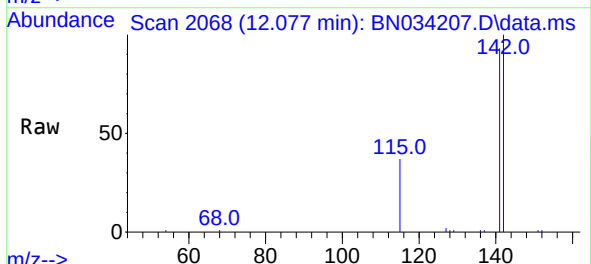
Instrument :
BNA_N
ClientSampleId :
SLCS540

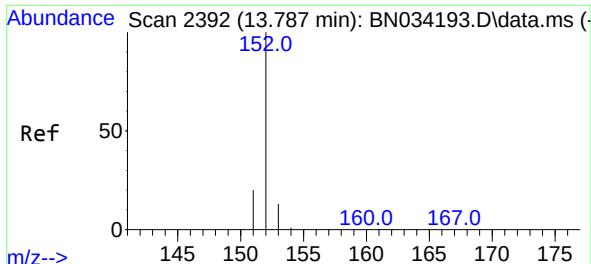
Tgt Ion:142 Resp: 10782
Ion Ratio Lower Upper
142 100
141 90.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Tgt Ion:142 Resp: 12979
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4

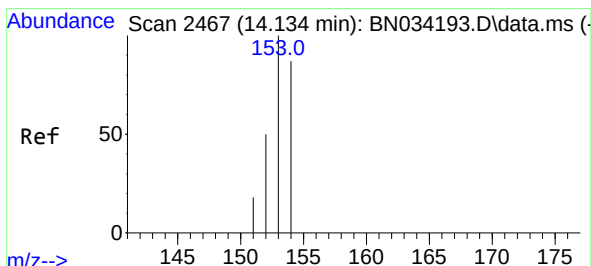
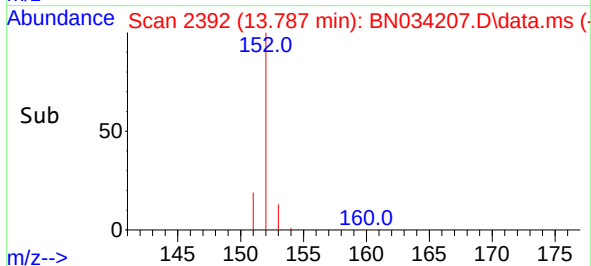
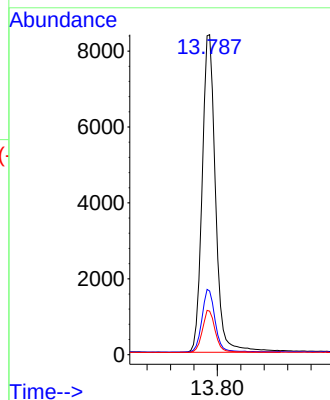
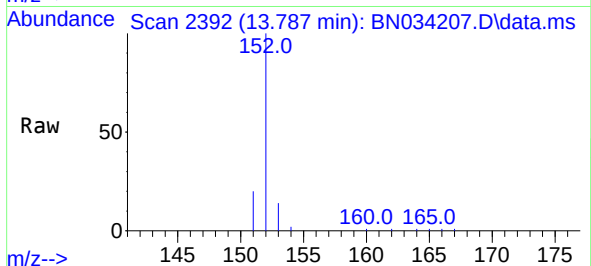




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 13.787 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

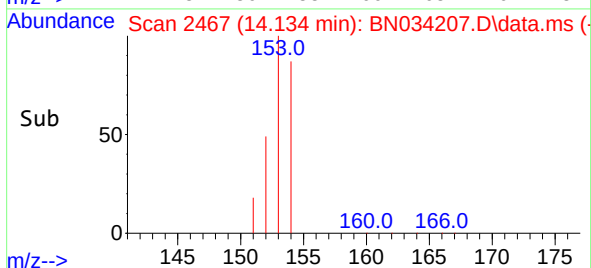
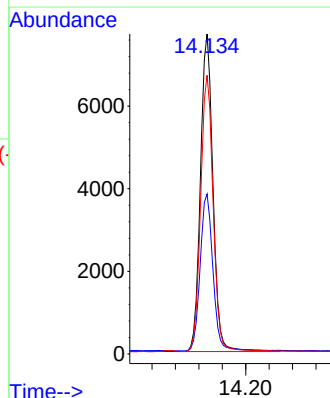
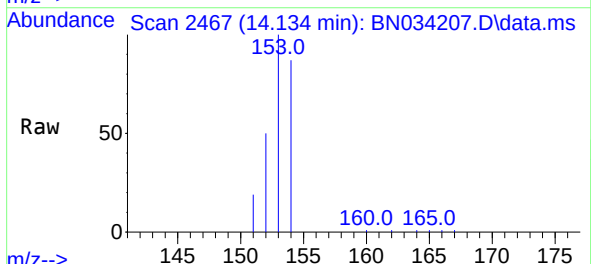
Instrument :
BNA_N
ClientSampleId :
SLCS540

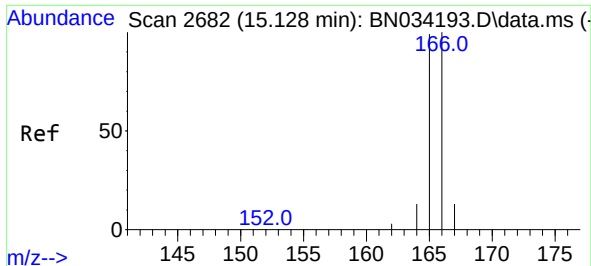
Tgt Ion:	152	Resp:	13386
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.6	10.8	16.2



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Tgt Ion:	153	Resp:	11475
Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.8	59.8
154	87.1	69.0	103.6

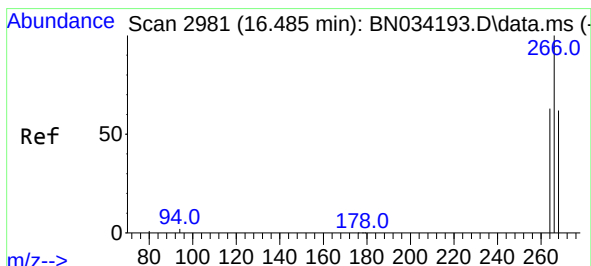
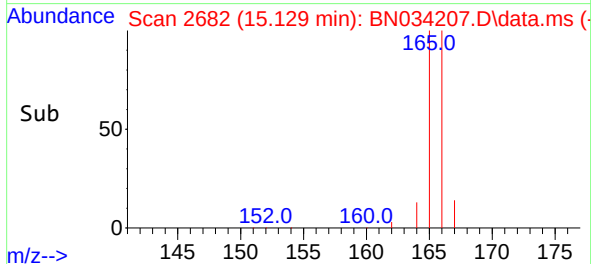
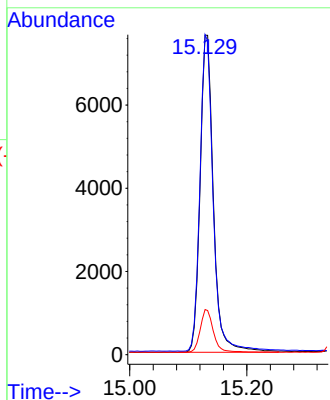
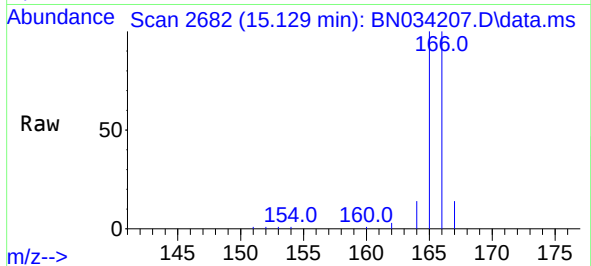




#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.129 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

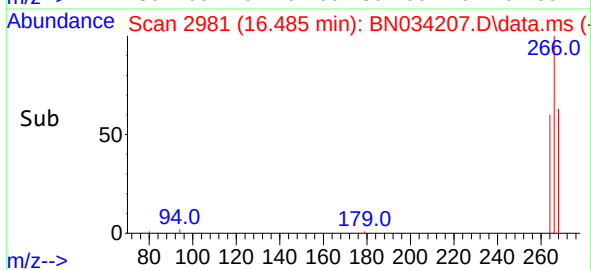
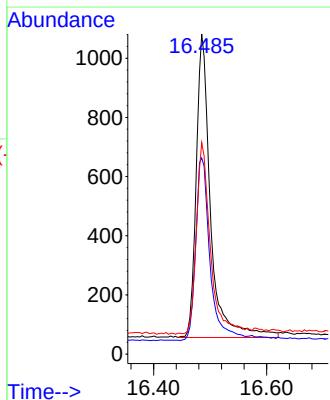
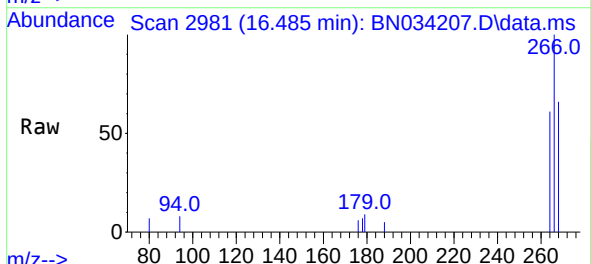
Instrument :
BNA_N
ClientSampleId :
SLCS540

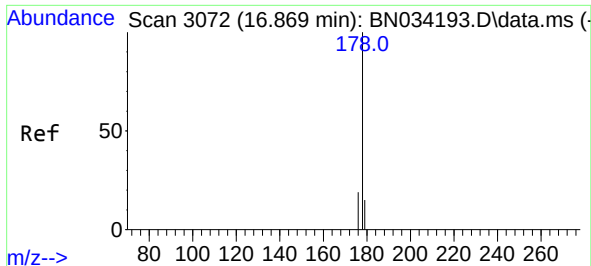
Tgt Ion:166 Resp: 12094
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.360 ng/ul
RT: 16.485 min Scan# 2981
Delta R.T. -0.004 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

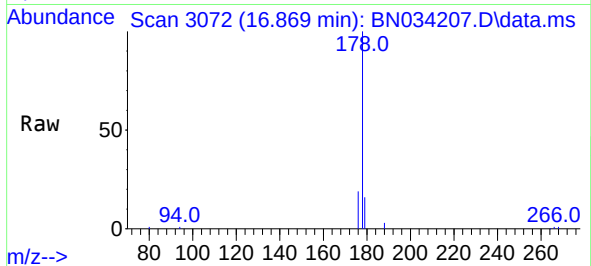
Tgt Ion:266 Resp: 1816
Ion Ratio Lower Upper
266 100
264 62.3 50.3 75.5
268 62.2 51.7 77.5





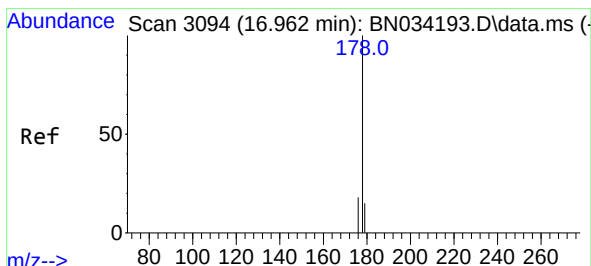
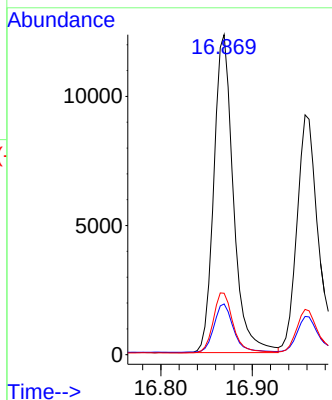
#15
Phenanthrene
Concen: 0.386 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Instrument :
BNA_N
ClientSampleId :
SLCS540



Tgt Ion:178 Resp: 18296

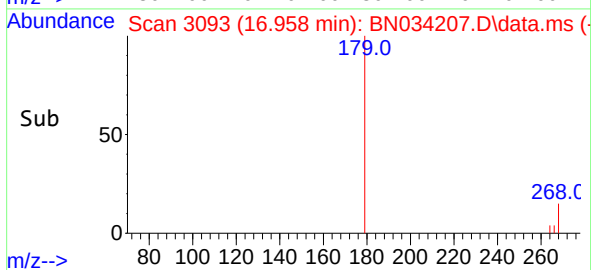
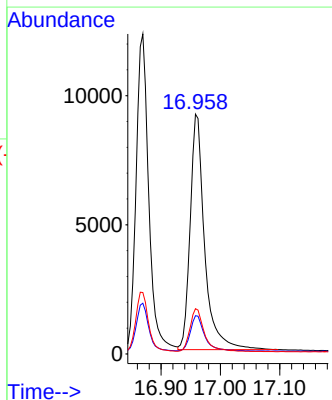
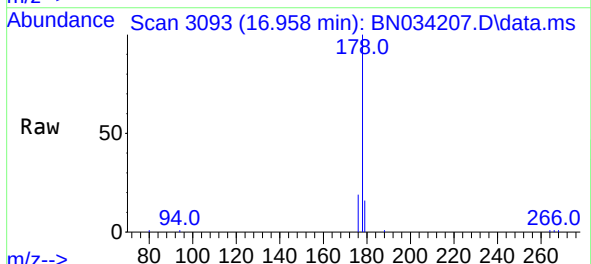
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.2	15.7	23.5

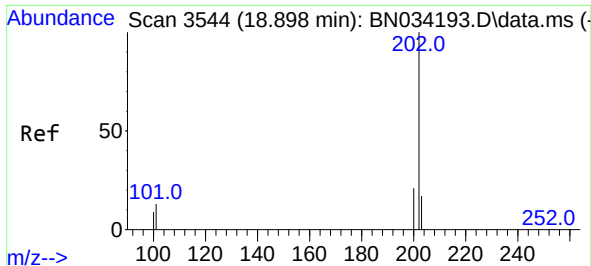


#16
Anthracene
Concen: 0.363 ng/u1
RT: 16.958 min Scan# 3093
Delta R.T. -0.004 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Tgt Ion:178 Resp: 15460

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	18.9	15.2	22.8

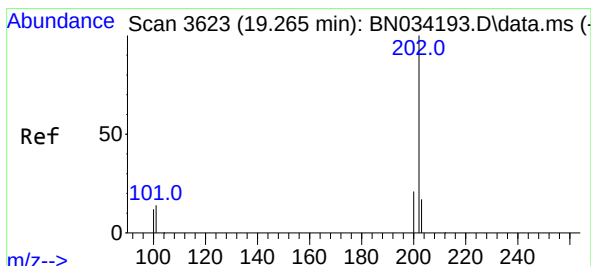
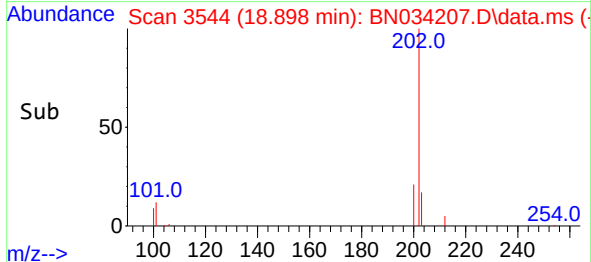
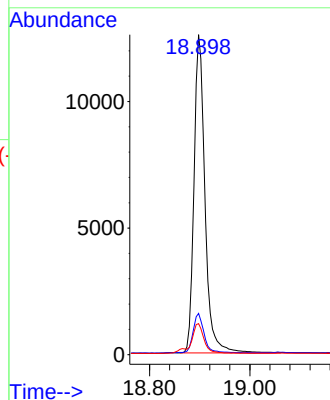
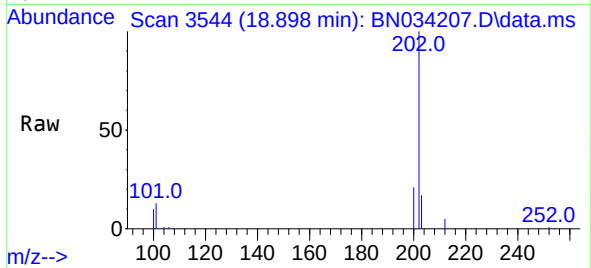




#19
Fluoranthene
Concen: 0.429 ng/u1
RT: 18.898 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

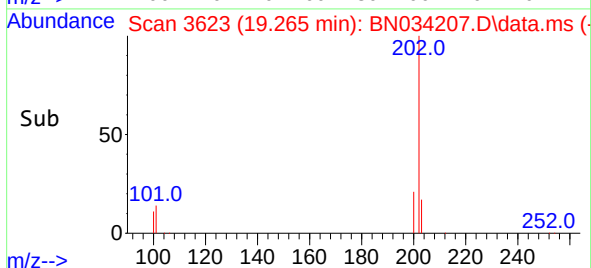
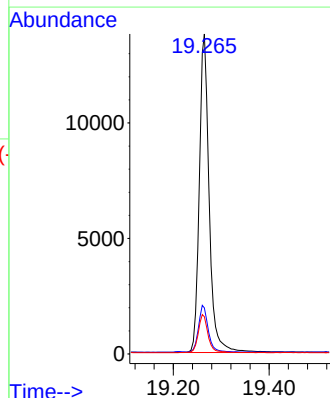
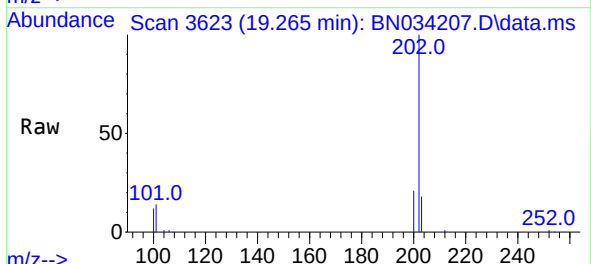
Instrument :
BNA_N
ClientSampleId :
SLCS540

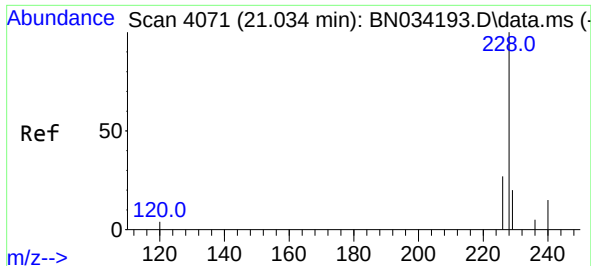
Tgt Ion:202 Resp: 19121
Ion Ratio Lower Upper
202 100
101 12.9 9.0 13.4
100 9.7 6.7 10.1



#20
Pyrene
Concen: 0.420 ng/u1
RT: 19.265 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Tgt Ion:202 Resp: 19858
Ion Ratio Lower Upper
202 100
101 14.4 10.8 16.2
100 11.6 8.7 13.1

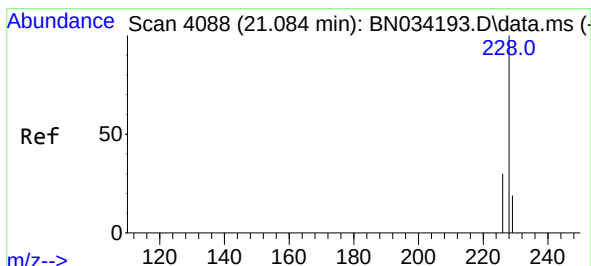
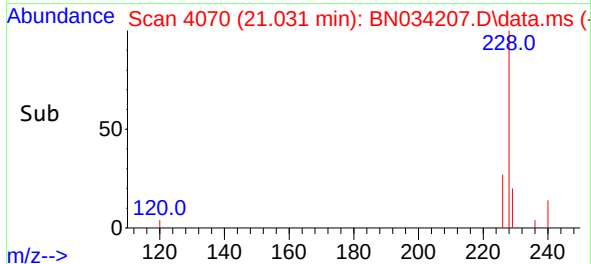
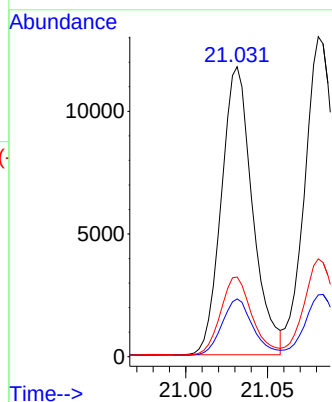
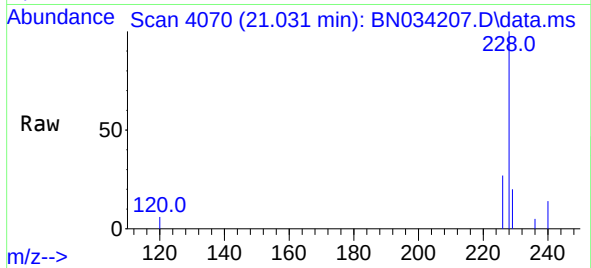




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.031 min Scan# 4071
Delta R.T. -0.003 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

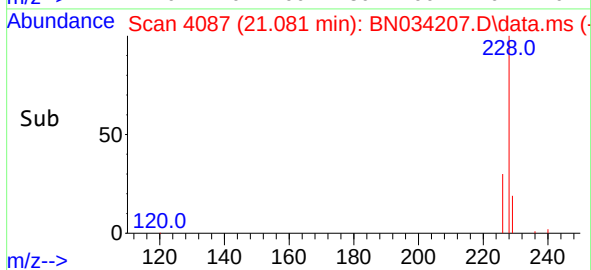
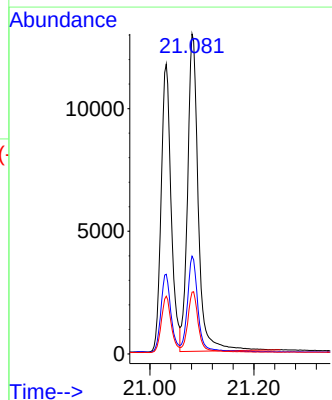
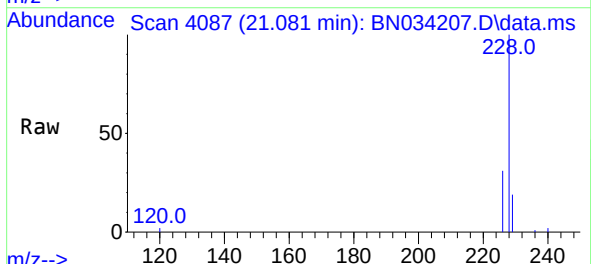
Instrument :
BNA_N
ClientSampleId :
SLCS540

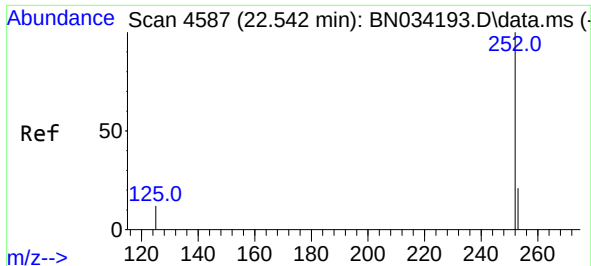
Tgt Ion:228 Resp: 15596
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.081 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Tgt Ion:228 Resp: 18441
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.3 15.6 23.4

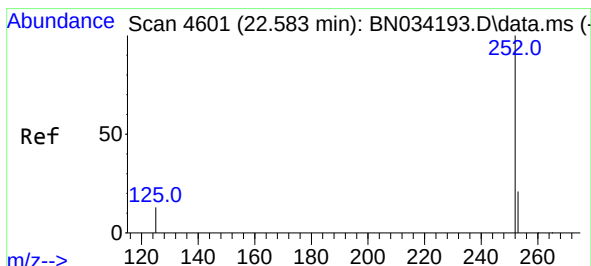
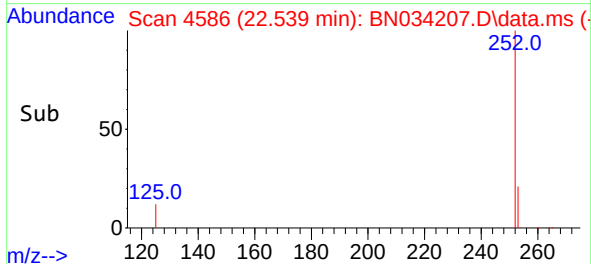
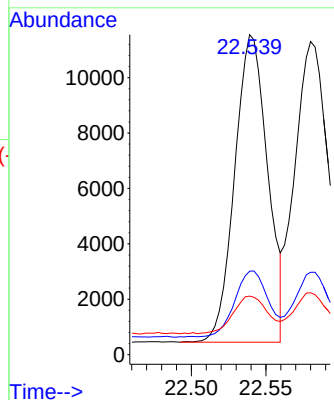
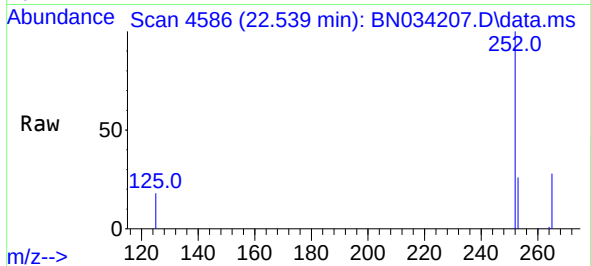




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 22.539 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

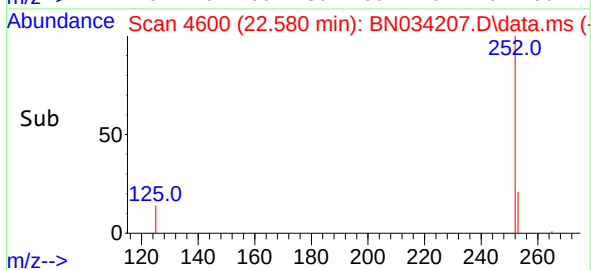
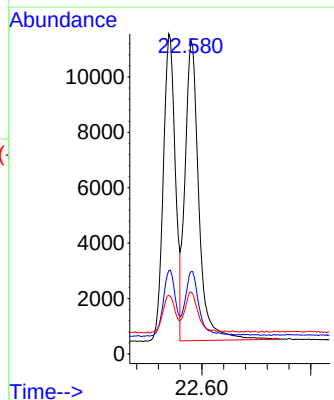
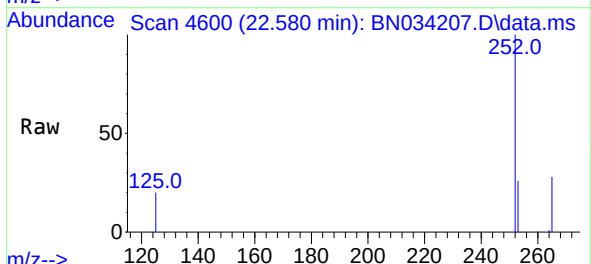
Instrument :
BNA_N
ClientSampleId :
SLCS540

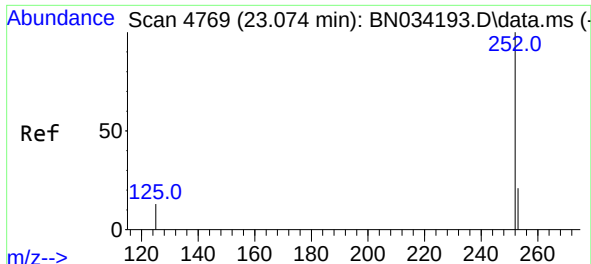
Tgt Ion:252 Resp: 17033
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 18.3 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.580 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

Tgt Ion:252 Resp: 19050
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.0
125 19.8 15.1 22.7

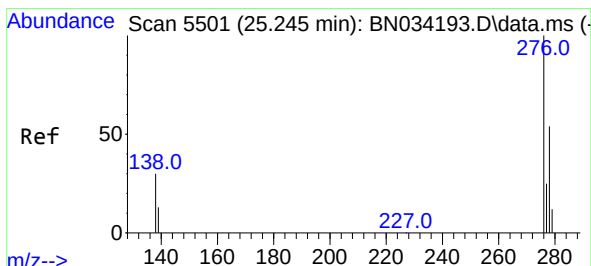
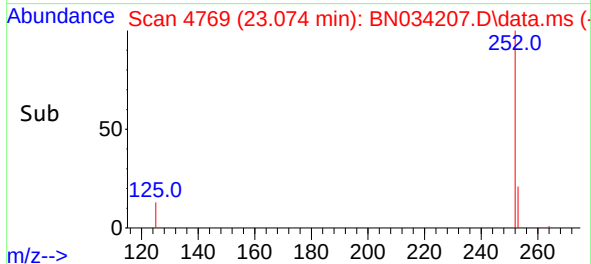
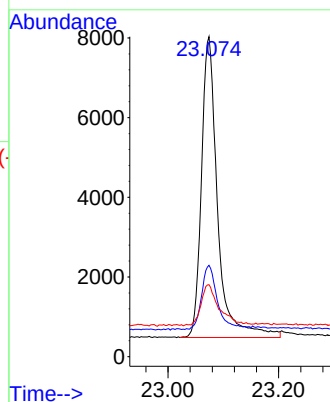
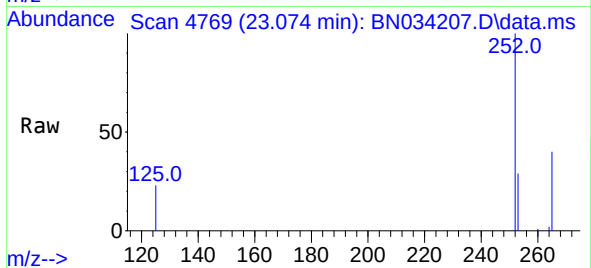




#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.074 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

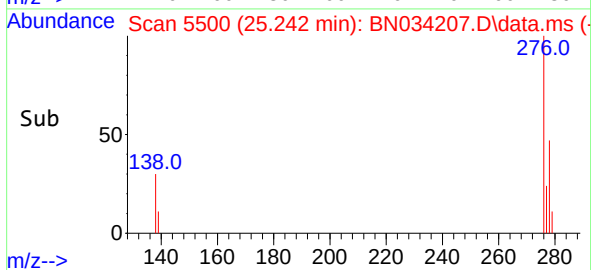
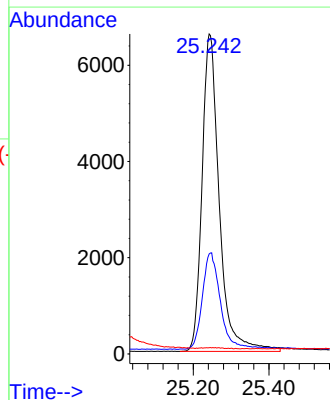
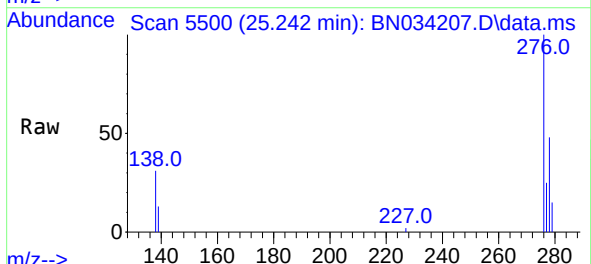
Instrument :
BNA_N
ClientSampleId :
SLCS540

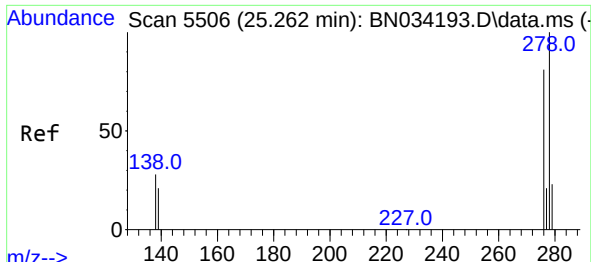
Tgt Ion:	252	Resp:	15291
Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.8	34.2
125	22.5	18.0	27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 25.242 min Scan# 5500
Delta R.T. -0.007 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

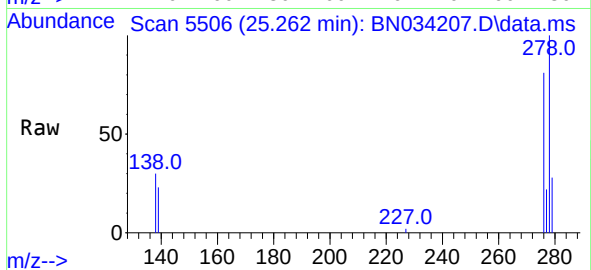
Tgt Ion:	276	Resp:	20830
Ion	Ratio	Lower	Upper
276	100		
138	31.9	22.3	33.5
227	0.2	0.2	0.4



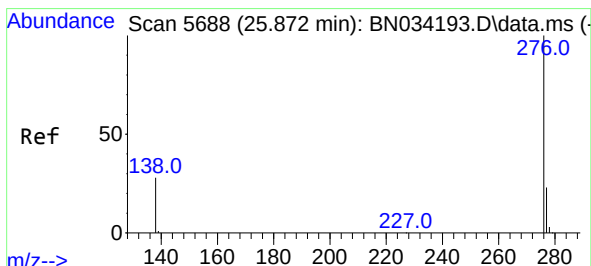
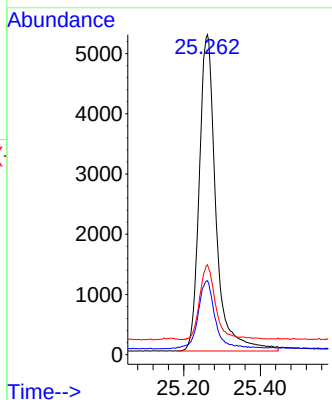
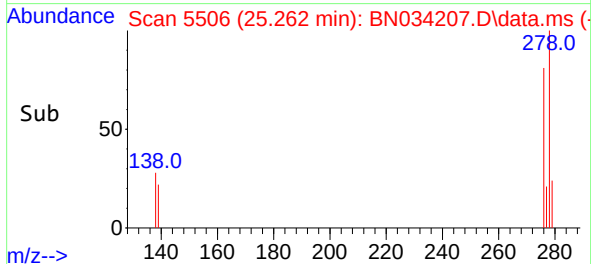


#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.262 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09

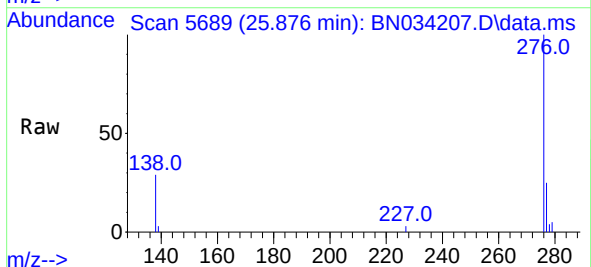
Instrument :
BNA_N
ClientSampleId :
SLCS540



Tgt Ion:278 Resp: 15939
Ion Ratio Lower Upper
278 100
139 23.1 17.3 25.9
279 28.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 25.876 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BN034207.D
Acq: 24 Sep 2024 18:09



Tgt Ion:276 Resp: 17096
Ion Ratio Lower Upper
276 100
138 28.7 20.8 31.2
277 24.7 20.2 30.4

