

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034919.D
 Acq On : 09 Nov 2024 00:16
 Operator : RC/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV222

Quant Time: Nov 09 00:41:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

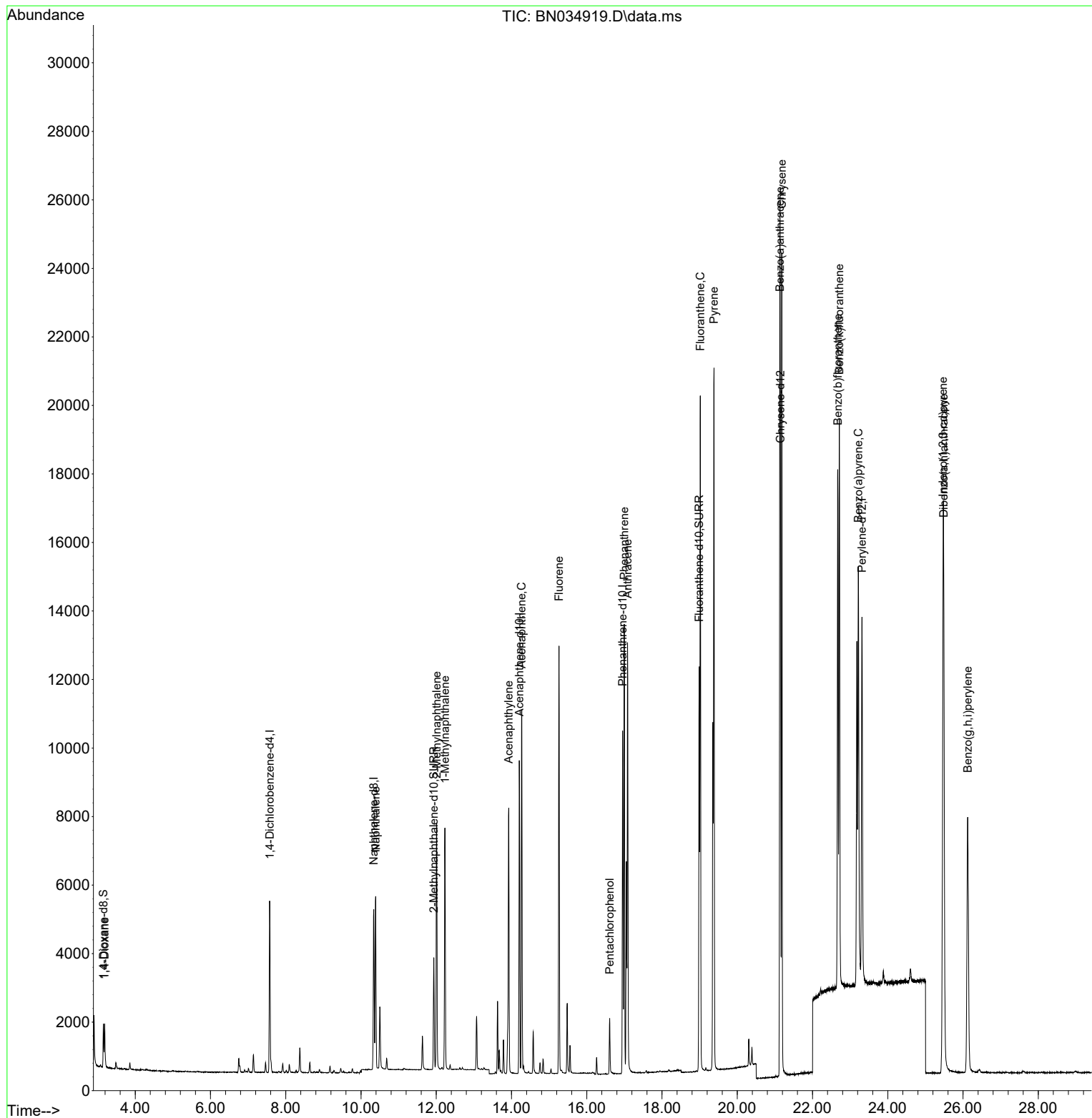
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	2526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	6407	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	4845	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	12162	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	12886	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264	13406	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	985	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	4222	0.430	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	13842	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	1077	0.409	ng/ul	96
5) Naphthalene	10.388	128	6808	0.425	ng/ul	98
7) 2-Methylnaphthalene	12.011	142	5016	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.231	142	4690	0.390	ng/ul	98
10) Acenaphthylene	13.926	152	8418	0.425	ng/ul	99
11) Acenaphthene	14.268	153	5975	0.398	ng/ul	99
12) Fluorene	15.263	166	7691	0.403	ng/ul	99
14) Pentachlorophenol	16.607	266	1085	0.386	ng/ul	98
15) Phenanthrene	16.996	178	13559	0.417	ng/ul	99
16) Anthracene	17.085	178	12627	0.413	ng/ul	98
19) Fluoranthene	19.018	202	17541	0.407	ng/ul	99
20) Pyrene	19.381	202	18611	0.417	ng/ul	99
21) Benzo(a)anthracene	21.134	228	18626	0.399	ng/ul	99
22) Chrysene	21.183	228	19704	0.414	ng/ul	100
24) Benzo(b)fluoranthene	22.671	252	19324	0.410	ng/ul	98
25) Benzo(k)fluoranthene	22.712	252	20471	0.415	ng/ul	98
26) Benzo(a)pyrene	23.217	252	17448	0.414	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.470	276	20941	0.407	ng/ul	97
28) Dibenzo(a,h)anthracene	25.487	278	16391	0.408	ng/ul	99
29) Benzo(g,h,i)perylene	26.124	276	15826	0.402	ng/ul	99

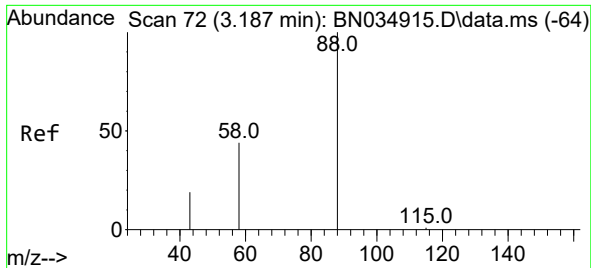
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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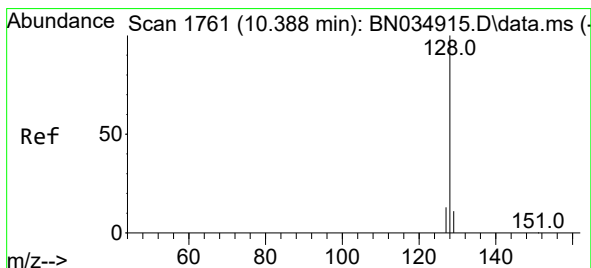
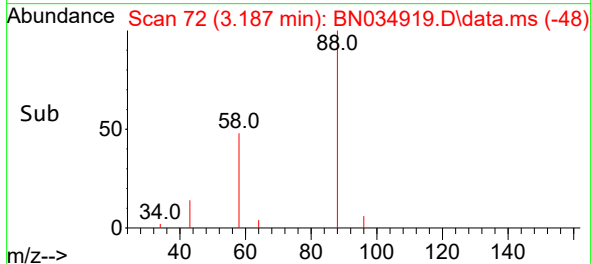
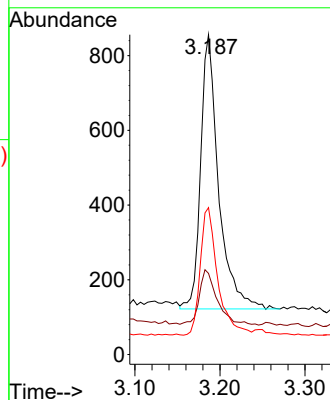
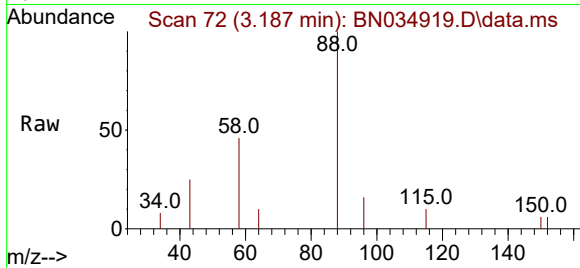




#2
1,4-Dioxane
Concen: 0.409 ng/ul
RT: 3.187 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

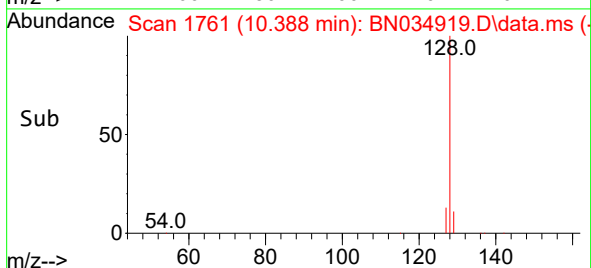
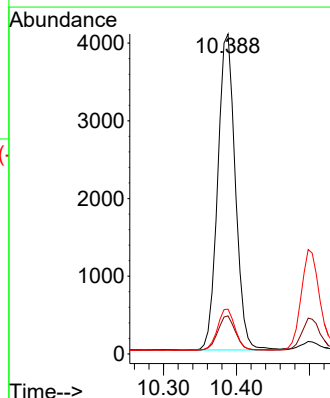
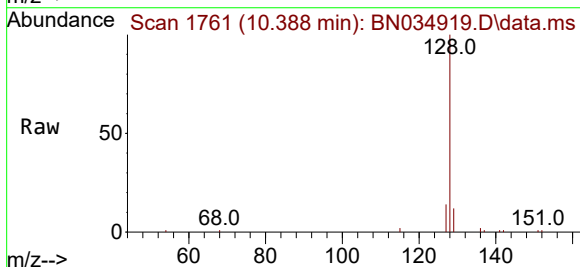
Instrument :
BNA_N
ClientSampleId :
SICV222

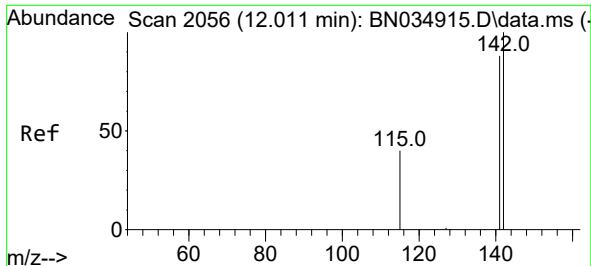
Tgt Ion: 88 Resp: 1077
Ion Ratio Lower Upper
88 100
43 25.4 23.3 34.9
58 45.9 35.4 53.2



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.388 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion: 128 Resp: 6808
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 14.0 12.1 18.1

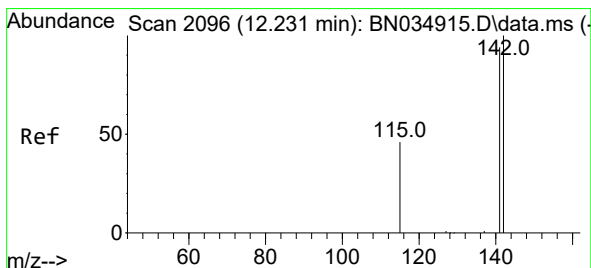
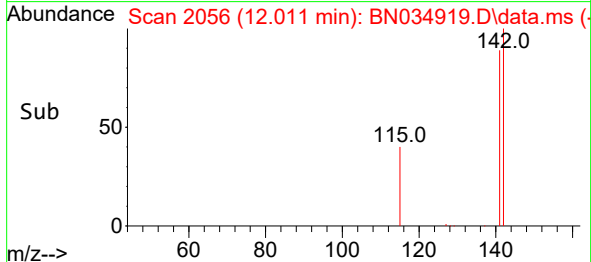
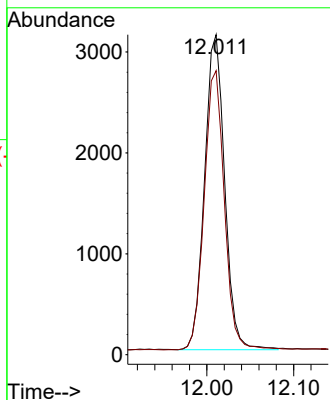
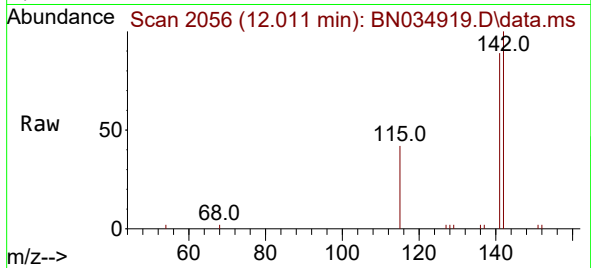




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.011 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

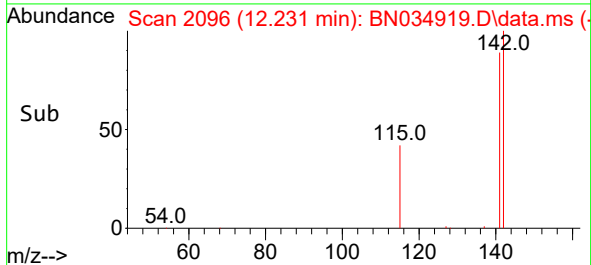
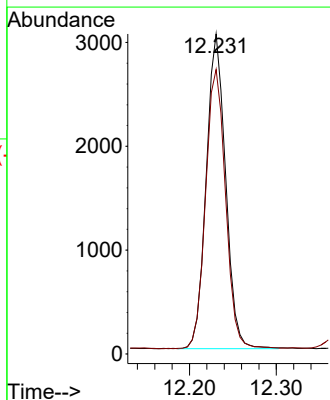
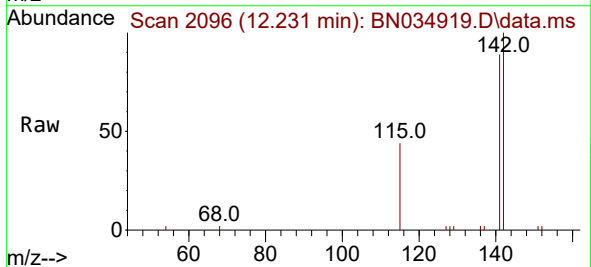
Instrument :
BNA_N
ClientSampleId :
SICV222

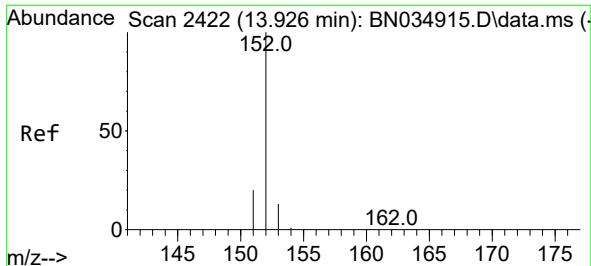
Tgt Ion:142 Resp: 5016
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:142 Resp: 4690
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8

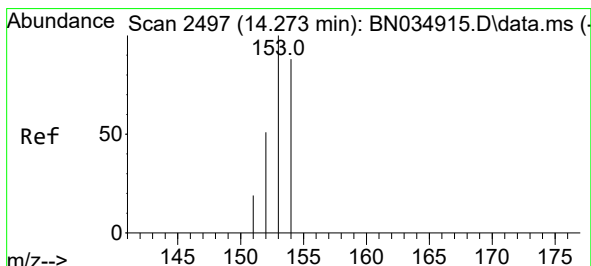
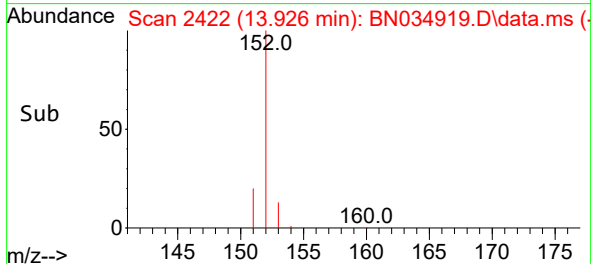
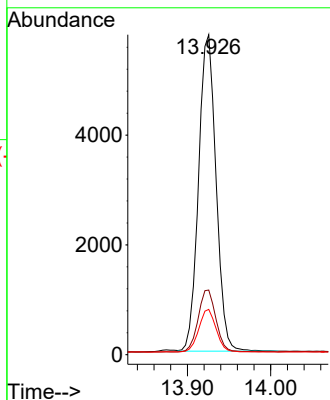
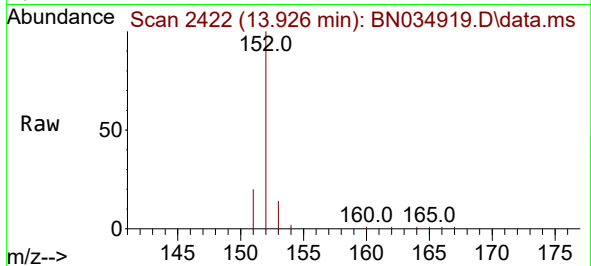




#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 13.926 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

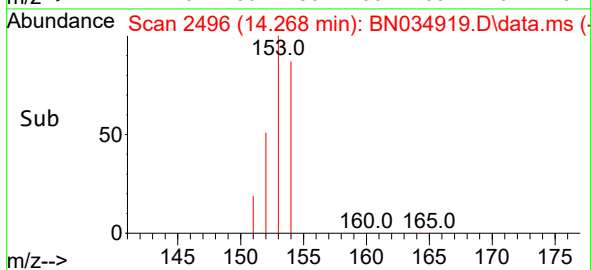
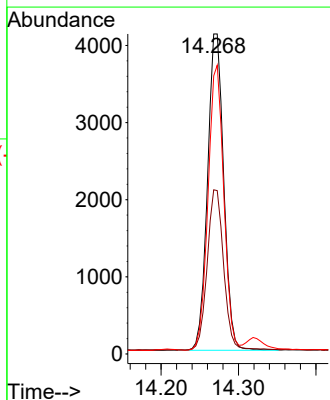
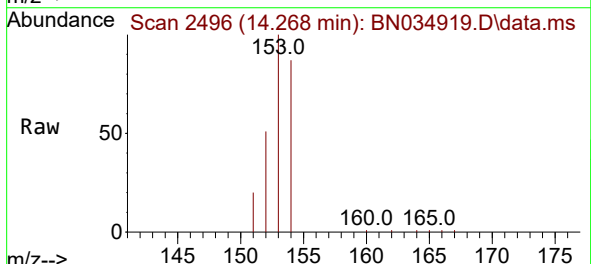
Instrument :
BNA_N
ClientSampleId :
SICV222

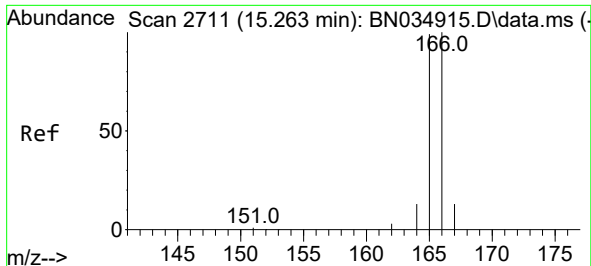
Tgt Ion:152	Resp:	8418
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.6 24.8
153	14.2	11.0 16.6



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:153	Resp:	5975
Ion Ratio	Lower	Upper
153	100	
152	51.3	41.5 62.3
154	86.9	70.9 106.3

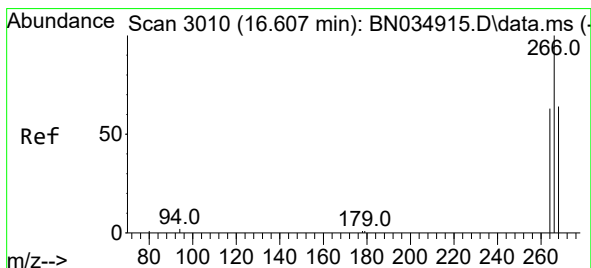
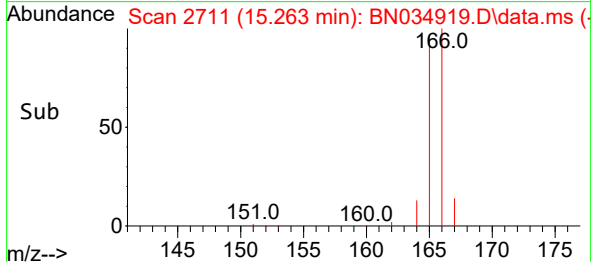
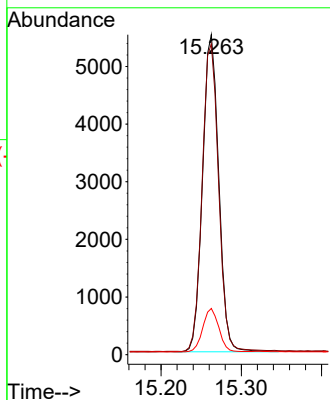
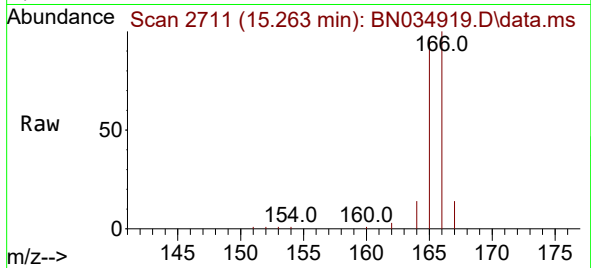




#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.263 min Scan# 2711
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

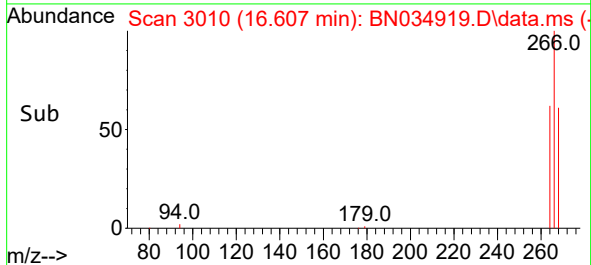
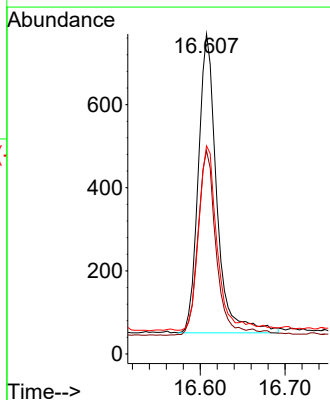
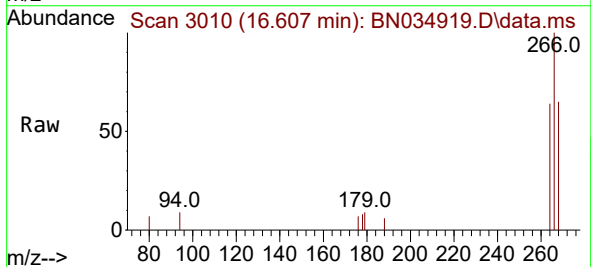
Instrument :
BNA_N
ClientSampleId :
SICV222

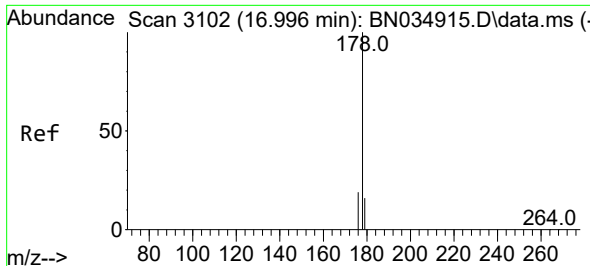
Tgt Ion:166 Resp: 7691
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.4
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.386 ng/ul
RT: 16.607 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:266 Resp: 1085
Ion Ratio Lower Upper
266 100
264 62.1 50.2 75.2
268 62.3 48.4 72.6

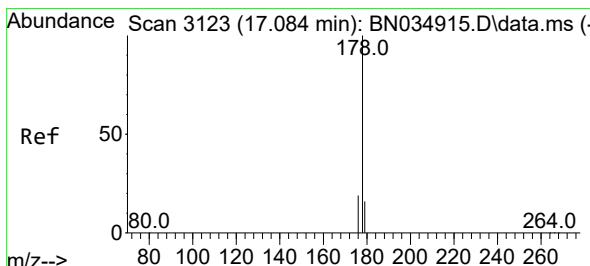
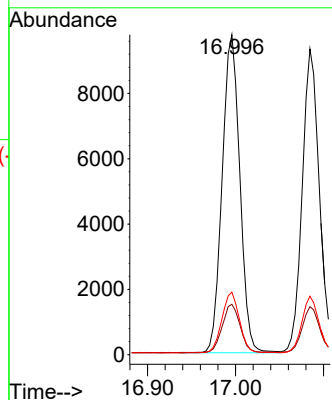
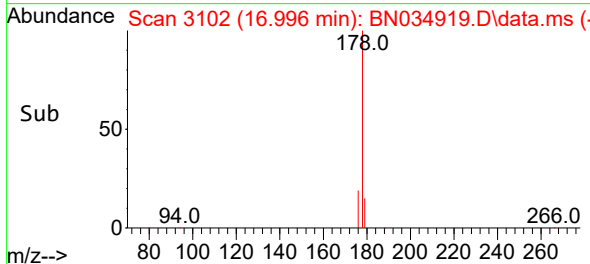
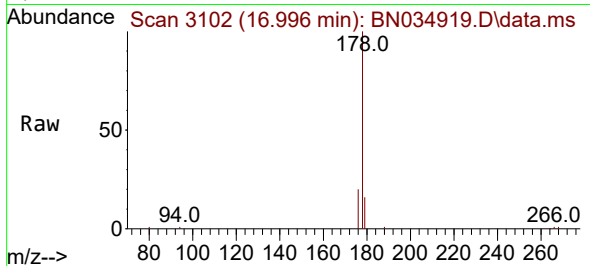




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 16.996 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

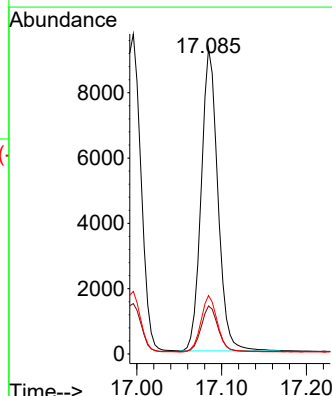
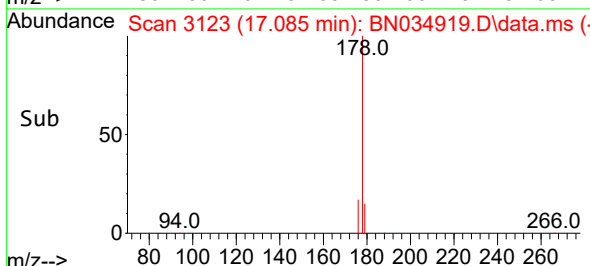
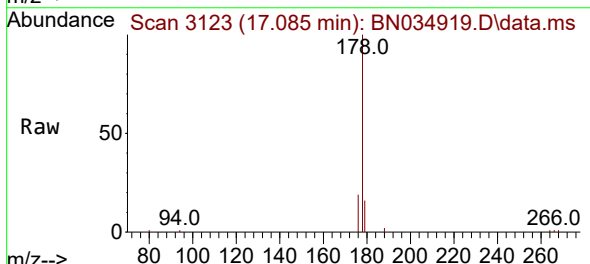
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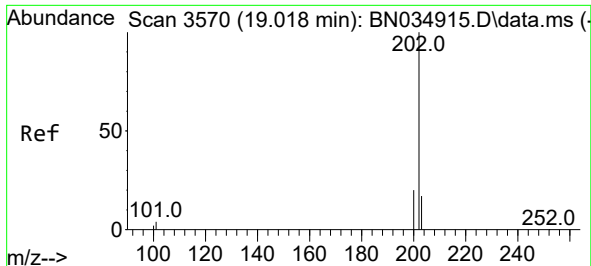
Tgt Ion:	178	Resp:	13559
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.4	20.2
176	19.6	15.8	23.6



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.085 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:	178	Resp:	12627
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.3	19.9
176	19.1	15.8	23.8

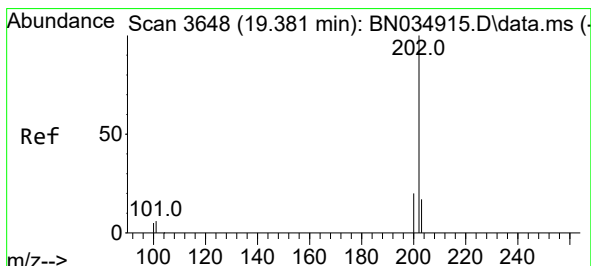
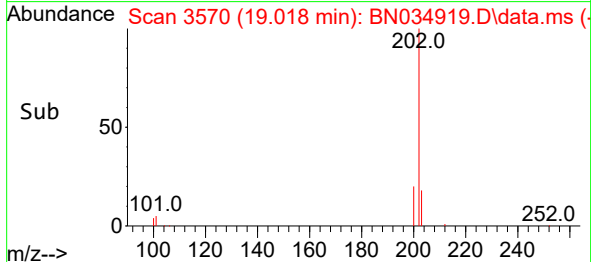
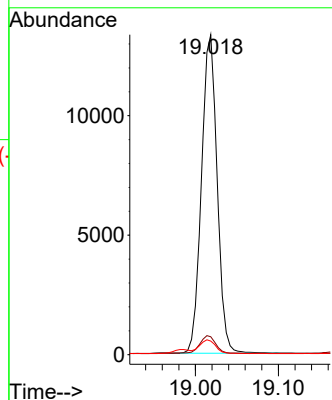
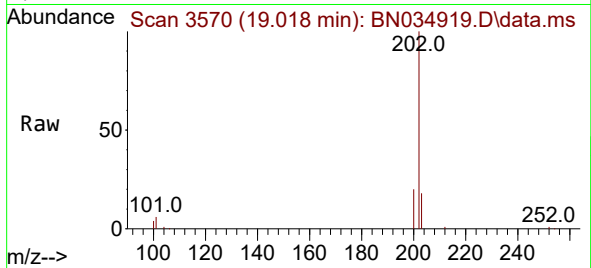




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.018 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

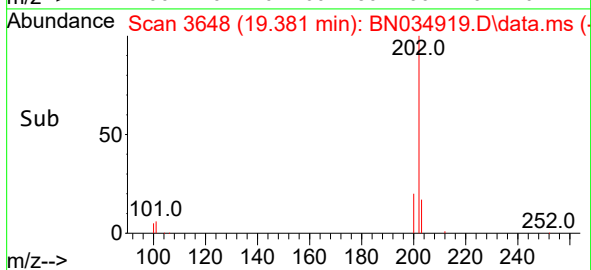
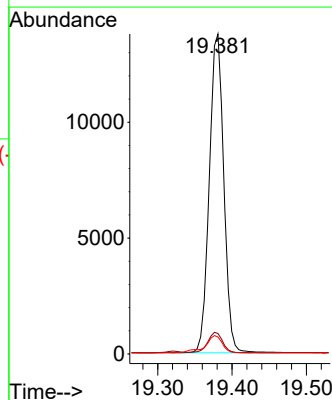
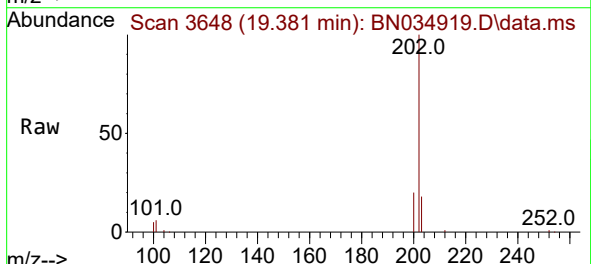
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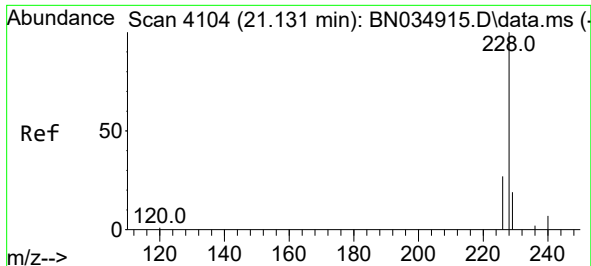
Tgt Ion:202 Resp: 17541
Ion Ratio Lower Upper
202 100
101 5.6 4.2 6.2
100 4.2 3.2 4.8



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

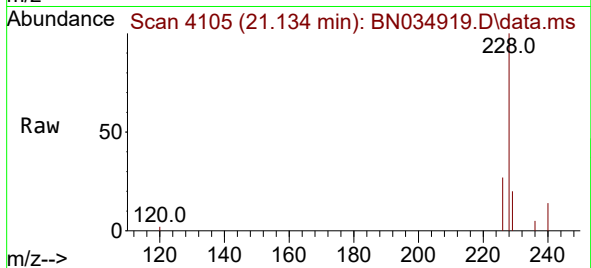
Tgt Ion:202 Resp: 18611
Ion Ratio Lower Upper
202 100
101 6.4 5.0 7.4
100 5.3 4.1 6.1



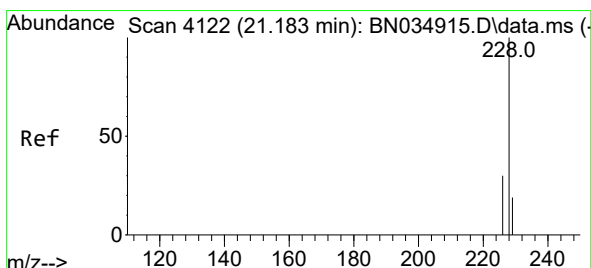
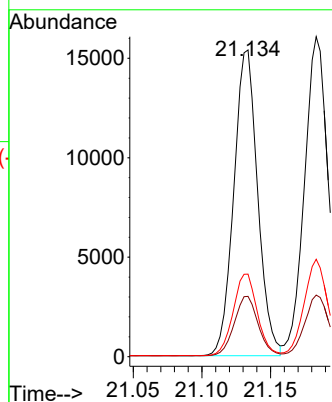
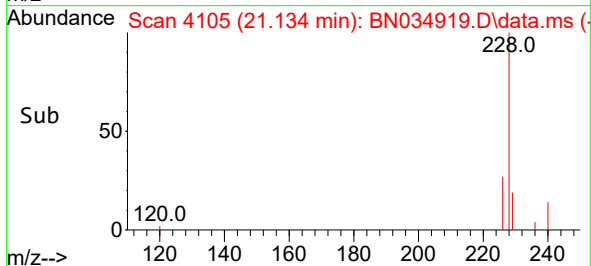


#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.134 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Instrument :
BNA_N
ClientSampleId :
SICV222

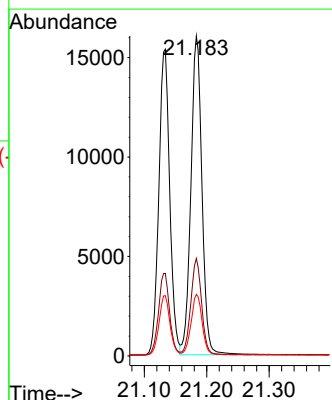
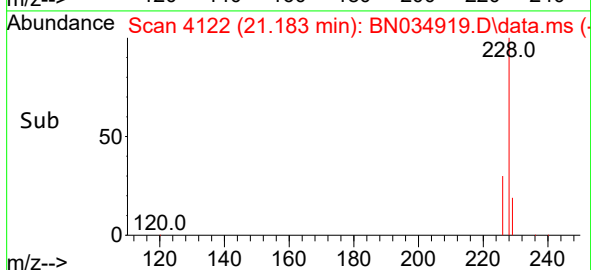
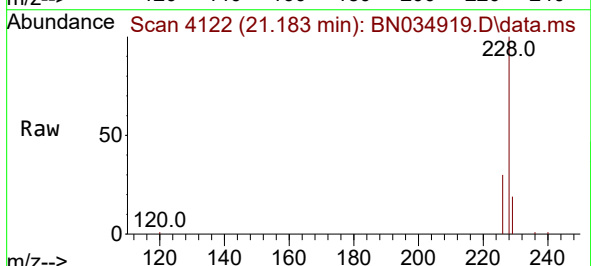


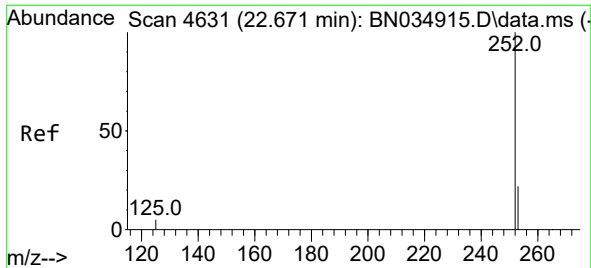
Tgt Ion:228 Resp: 18626
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 26.9 22.2 33.2



#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:228 Resp: 19704
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.2 15.4 23.2

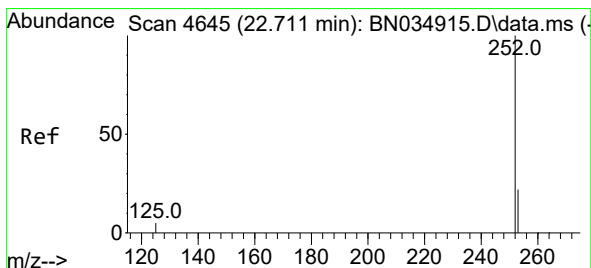
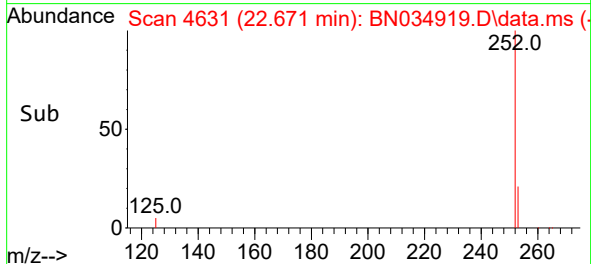
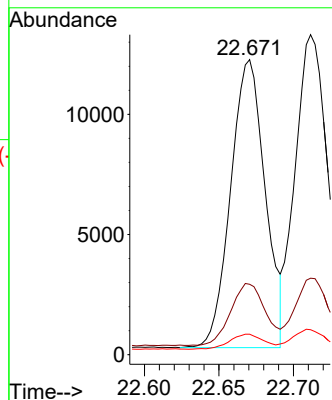
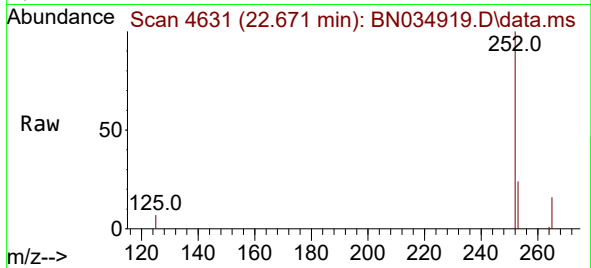




#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

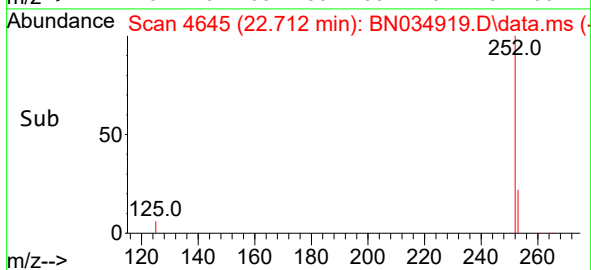
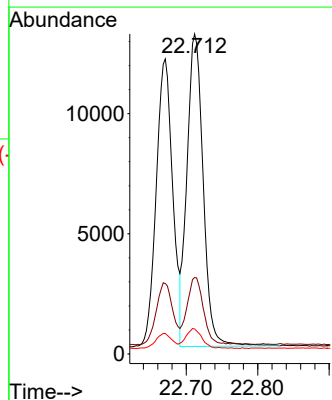
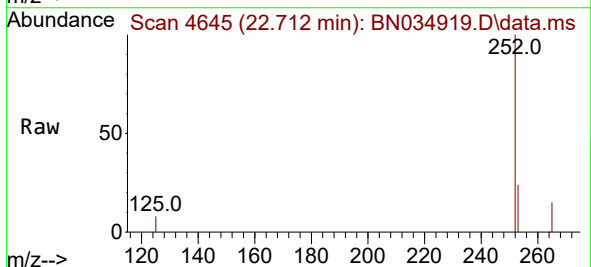
Instrument :
BNA_N
ClientSampleId :
SICV222

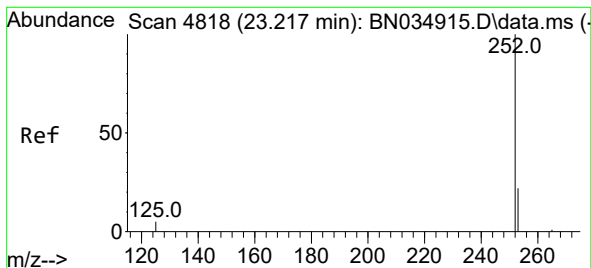
Tgt Ion:252 Resp: 19324
Ion Ratio Lower Upper
252 100
253 23.9 0.0 50.0
125 6.9 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 22.712 min Scan# 4645
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:252 Resp: 20471
Ion Ratio Lower Upper
252 100
253 23.9 20.2 30.4
125 7.8 5.8 8.8





#26

Benzo(a)pyrene

Concen: 0.414 ng/ul

RT: 23.217 min Scan# 4818

Delta R.T. 0.000 min

Lab File: BN034919.D

Acq: 09 Nov 2024 00:16

Instrument :

BNA_N

ClientSampleId :

SICV222

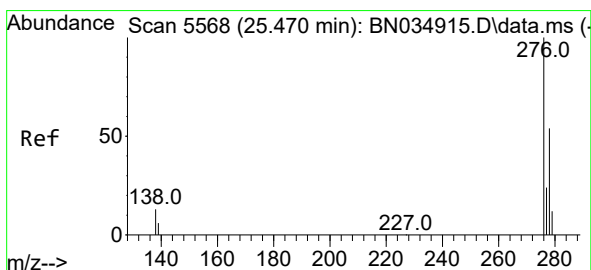
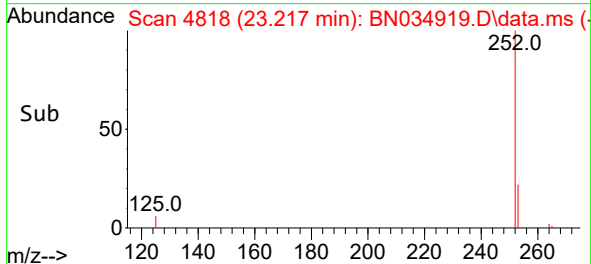
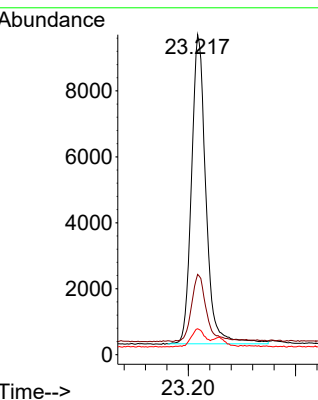
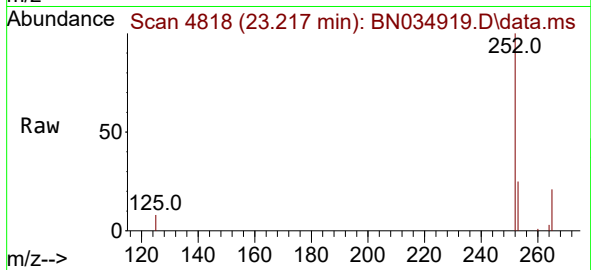
Tgt Ion:252 Resp: 17448

Ion Ratio Lower Upper

252 100

253 25.1 21.2 31.8

125 8.1 6.3 9.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.407 ng/ul

RT: 25.470 min Scan# 5568

Delta R.T. 0.000 min

Lab File: BN034919.D

Acq: 09 Nov 2024 00:16

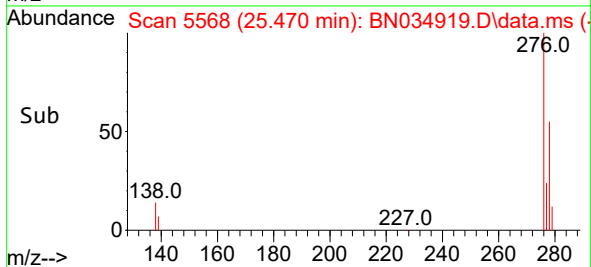
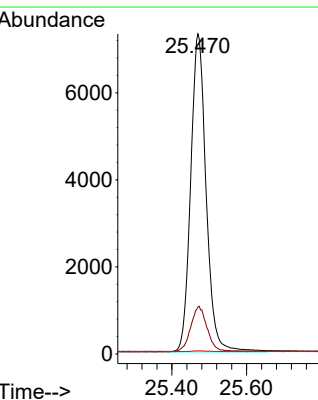
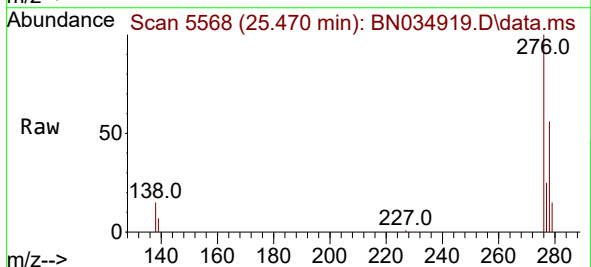
Tgt Ion:276 Resp: 20941

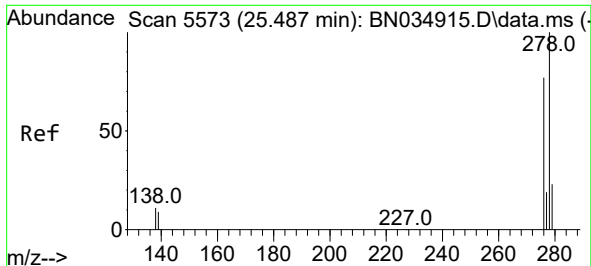
Ion Ratio Lower Upper

276 100

138 14.8 10.8 16.2

227 0.3 0.2 0.4

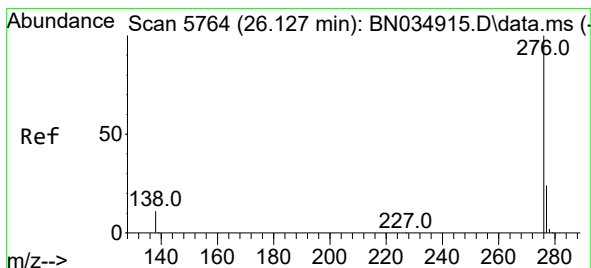
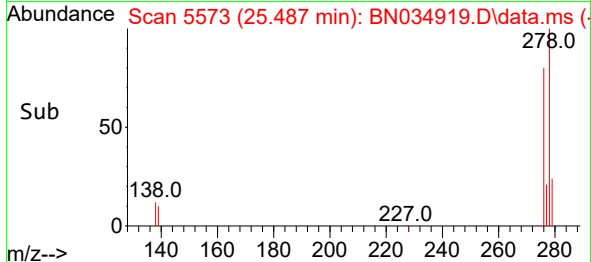
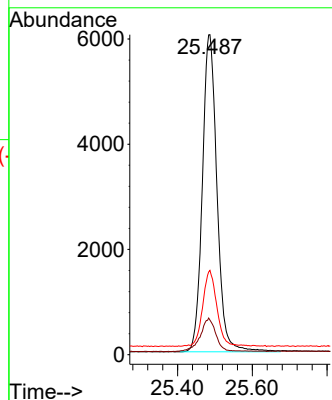
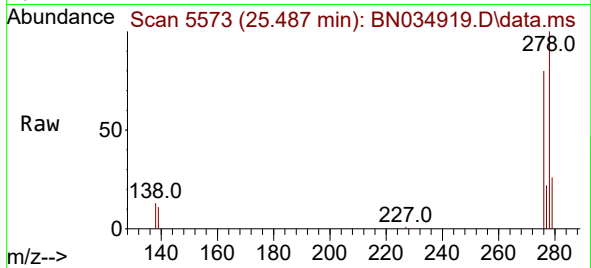




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Instrument :
BNA_N
ClientSampleId :
SICV222

Tgt Ion:278 Resp: 16391
Ion Ratio Lower Upper
278 100
139 10.8 8.4 12.6
279 26.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.124 min Scan# 5763
Delta R.T. -0.003 min
Lab File: BN034919.D
Acq: 09 Nov 2024 00:16

Tgt Ion:276 Resp: 15826
Ion Ratio Lower Upper
276 100
138 13.2 10.3 15.5
277 24.4 20.2 30.2

