

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034917.D
 Acq On : 08 Nov 2024 23:04
 Operator : RC/JU
 Sample : SSTD1.635
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6220

Quant Time: Nov 08 23:56:39 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 : Fri Nov 08 23:54:11 2024
 Response via : Initial Calibration

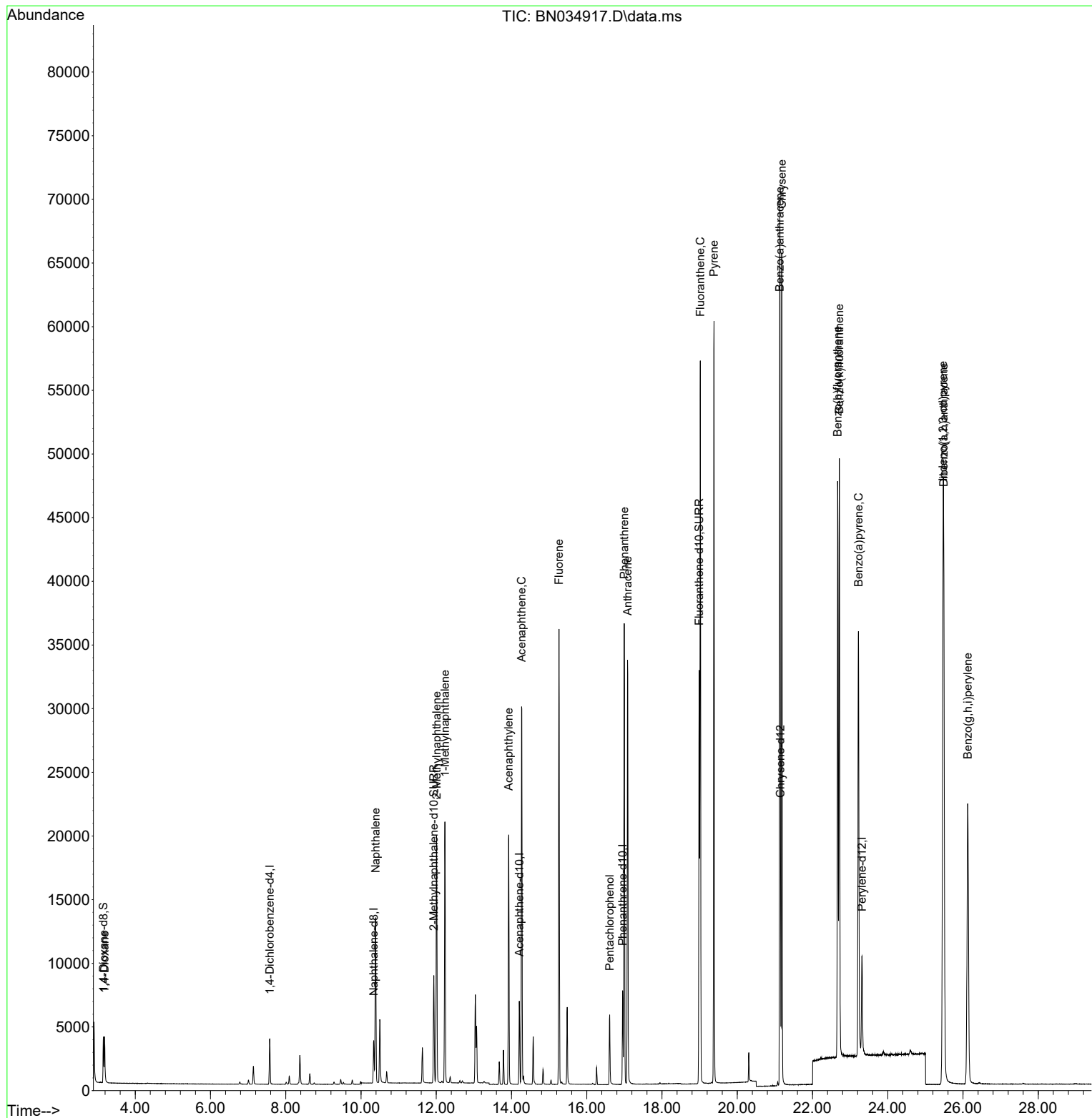
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1805	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	4472	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	3468	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	8758	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	9667	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264	9853	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	2644	1.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	10836	1.932	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	37667	1.197	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	2899	1.413	ng/ul#	94
5) Naphthalene	10.388	128	17331	1.463	ng/ul	96
7) 2-Methylnaphthalene	12.011	142	13176	1.711	ng/ul	99
8) 1-Methylnaphthalene	12.231	142	13293	1.695	ng/ul	98
10) Acenaphthylene	13.926	152	21765	1.379	ng/ul	98
11) Acenaphthene	14.268	153	16585	1.373	ng/ul	99
12) Fluorene	15.263	166	21326	1.585	ng/ul	98
14) Pentachlorophenol	16.607	266	3530	2.042	ng/ul	98
15) Phenanthrene	16.996	178	36781	1.389	ng/ul	98
16) Anthracene	17.084	178	35218	1.437	ng/ul	97
19) Fluoranthene	19.018	202	49709	1.060	ng/ul	100
20) Pyrene	19.381	202	51205	1.049	ng/ul	99
21) Benzo(a)anthracene	21.131	228	54674	1.413	ng/ul	99
22) Chrysene	21.183	228	54642	1.410	ng/ul	100
24) Benzo(b)fluoranthene	22.668	252	54524	1.360	ng/ul	95
25) Benzo(k)fluoranthene	22.711	252	56393	1.394	ng/ul#	94
26) Benzo(a)pyrene	23.220	252	48427	1.403	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.470	276	60609	1.649	ng/ul	98
28) Dibenzo(a,h)anthracene	25.487	278	47528	1.710	ng/ul	96
29) Benzo(g,h,i)perylene	26.124	276	45975	1.592	ng/ul	98

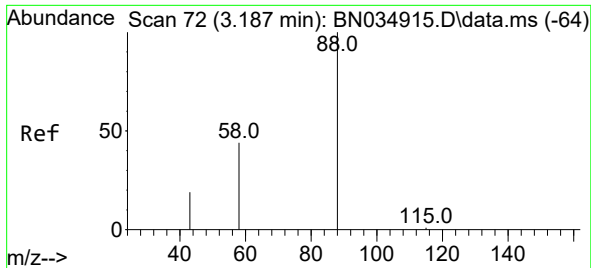
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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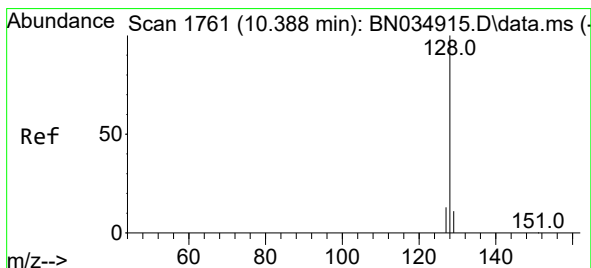
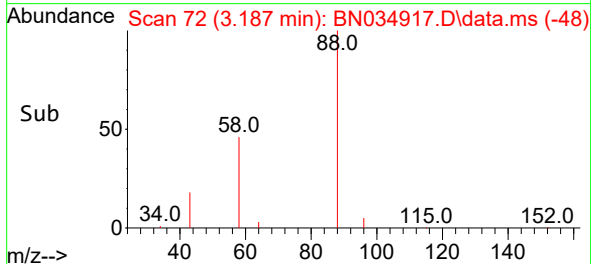
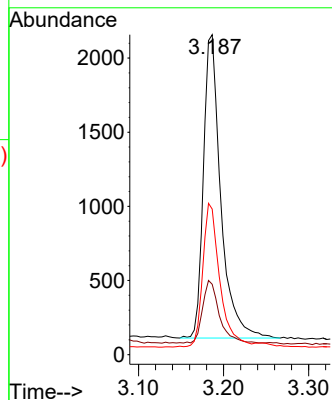
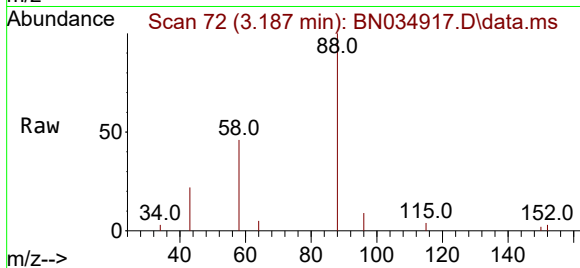




#2
1,4-Dioxane
Concen: 1.413 ng/ul
RT: 3.187 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

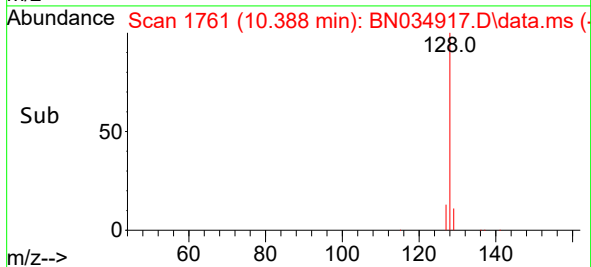
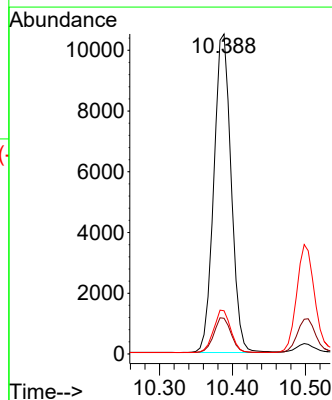
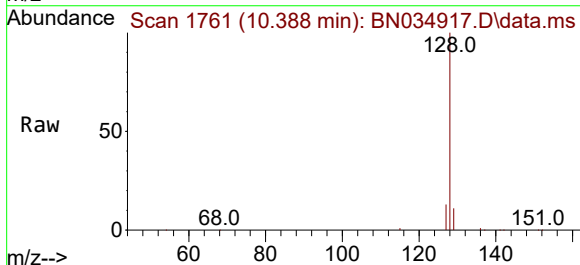
Instrument :
BNA_N
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SSTD1.6220

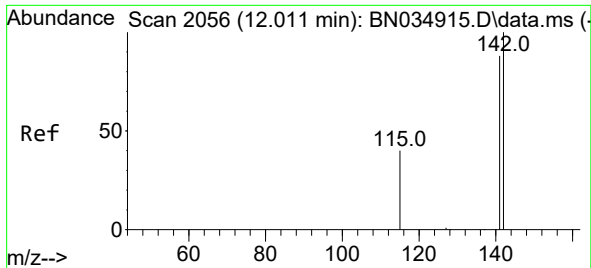
Tgt Ion: 88 Resp: 2899
Ion Ratio Lower Upper
88 100
43 22.0 23.3 34.9#
58 45.5 35.4 53.2



#5
Naphthalene
Concen: 1.463 ng/ul
RT: 10.388 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Tgt Ion:128 Resp: 17331
Ion Ratio Lower Upper
128 100
129 11.1 10.1 15.1
127 13.5 12.1 18.1

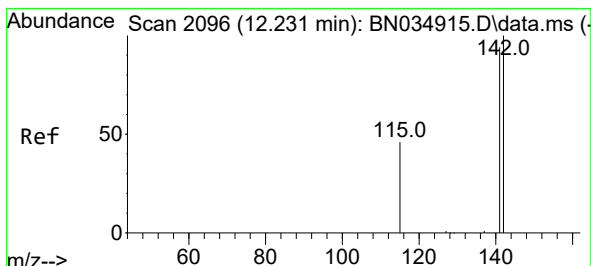
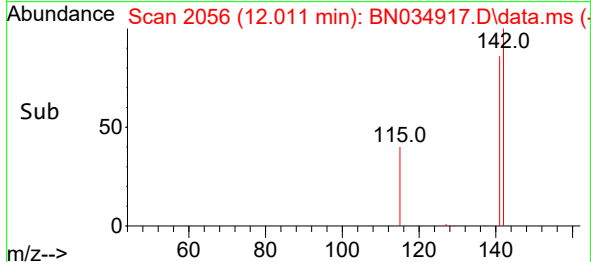
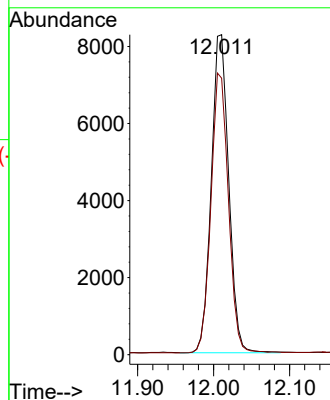
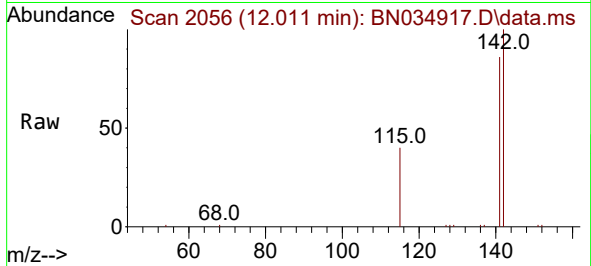




#7
2-Methylnaphthalene
Concen: 1.711 ng/ul
RT: 12.011 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

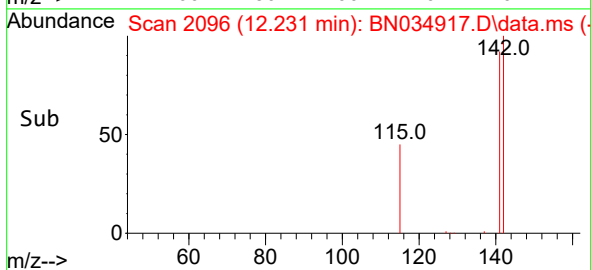
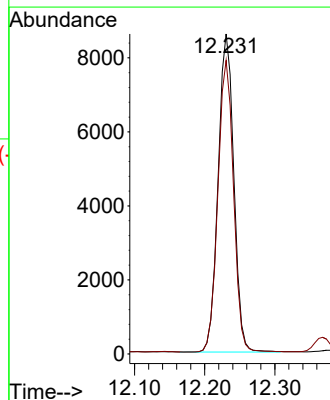
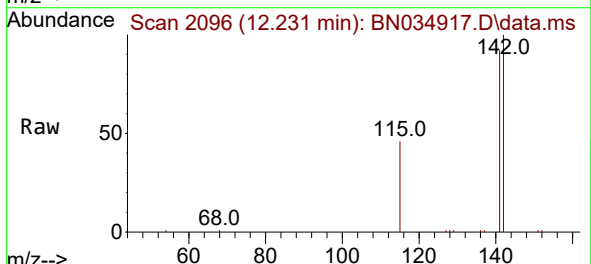
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

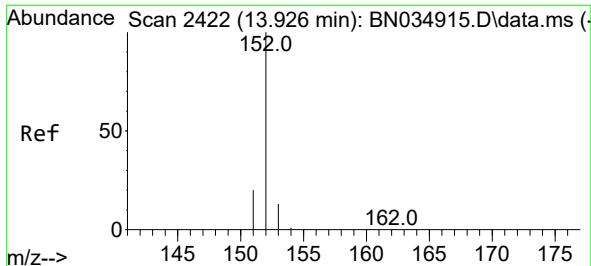
Tgt Ion:142 Resp: 13176
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2



#8
1-Methylnaphthalene
Concen: 1.695 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Tgt Ion:142 Resp: 13293
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8

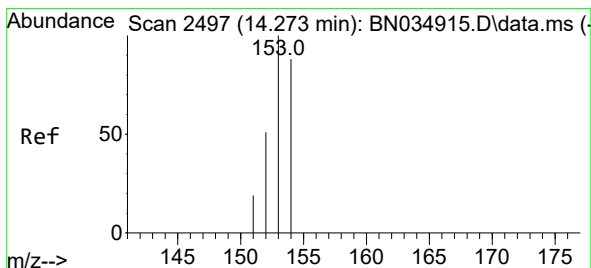
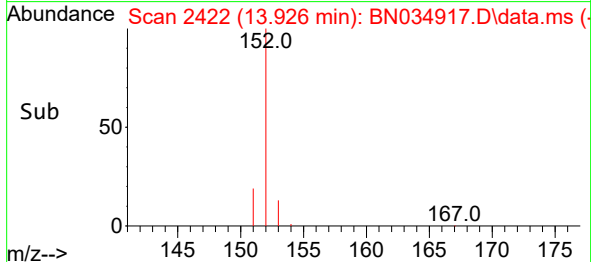
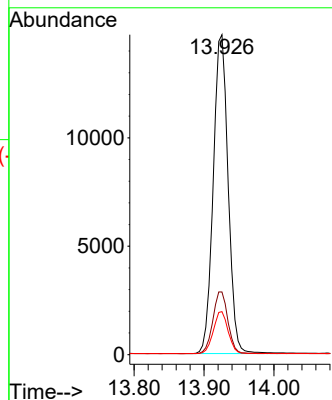
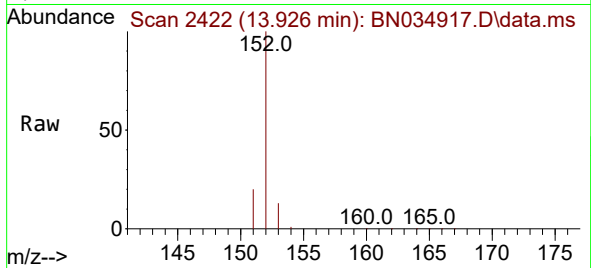




#10
Acenaphthylene
Concen: 1.379 ng/ul
RT: 13.926 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

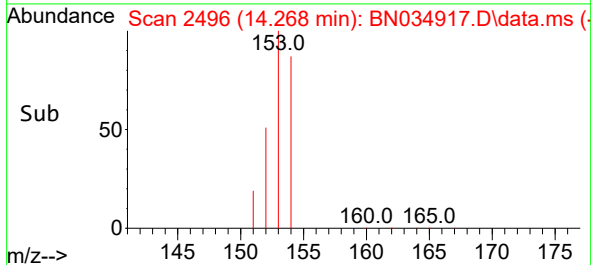
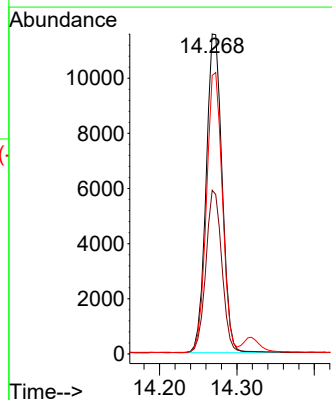
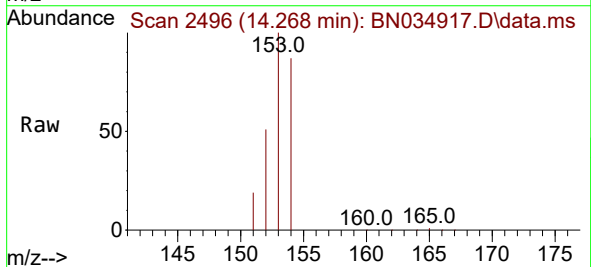
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BNA_N
ClientSampleId :
SSTD1.6220

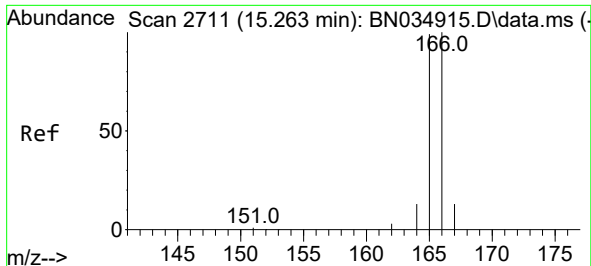
Tgt Ion:152 Resp: 21765
Ion Ratio Lower Upper
152 100
151 19.6 16.6 24.8
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 1.373 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Tgt Ion:153 Resp: 16585
Ion Ratio Lower Upper
153 100
152 51.1 41.5 62.3
154 87.0 70.9 106.3

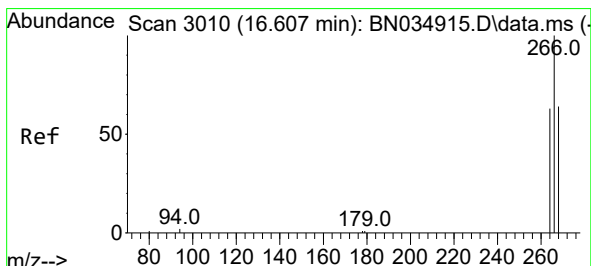
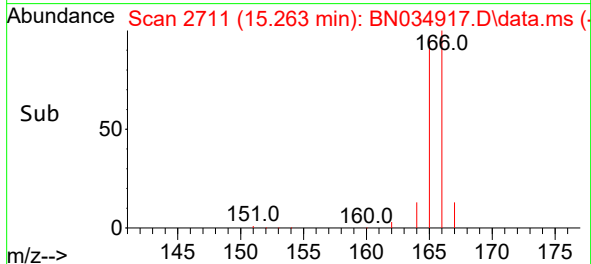
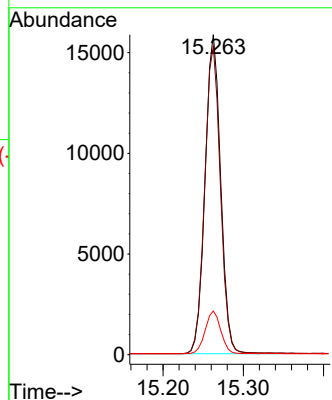
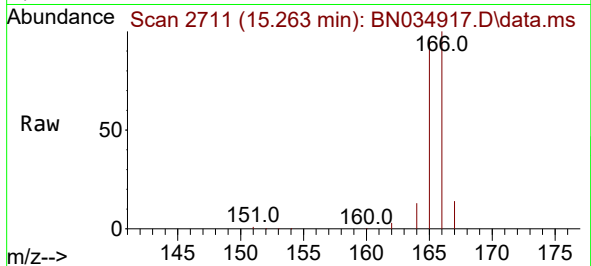




#12
 Fluorene
 Concen: 1.585 ng/ul
 RT: 15.263 min Scan# 2711
 Delta R.T. 0.000 min
 Lab File: BN034917.D
 Acq: 08 Nov 2024 23:04

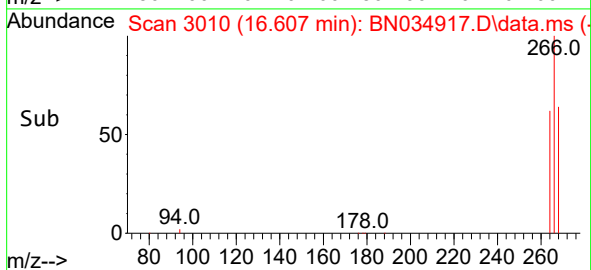
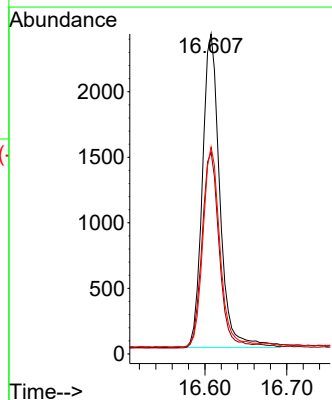
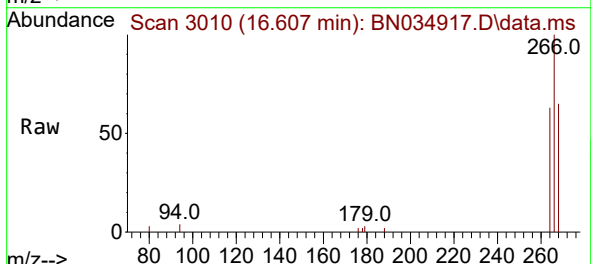
Instrument :
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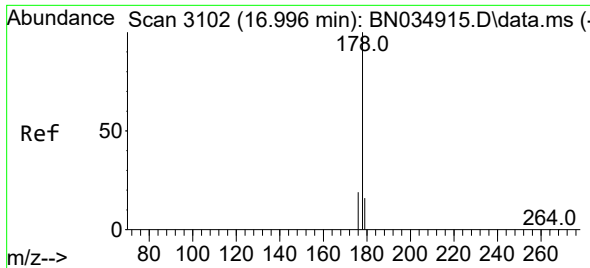
Tgt Ion:166 Resp: 21326
 Ion Ratio Lower Upper
 166 100
 165 96.4 79.0 118.4
 167 13.6 11.8 17.6



#14
 Pentachlorophenol
 Concen: 2.042 ng/ul
 RT: 16.607 min Scan# 3010
 Delta R.T. 0.000 min
 Lab File: BN034917.D
 Acq: 08 Nov 2024 23:04

Tgt Ion:266 Resp: 3530
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.2 75.2
 268 63.3 48.4 72.6

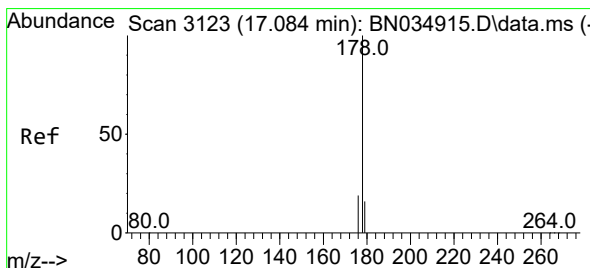
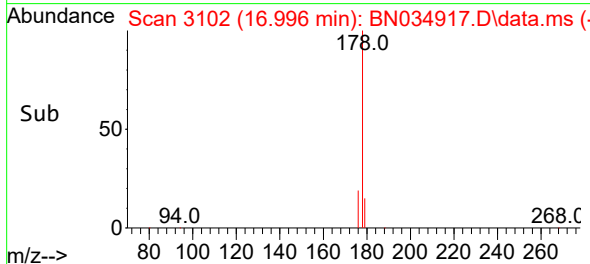
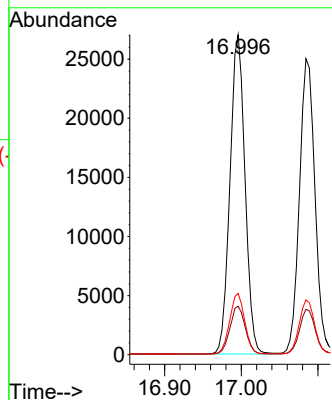
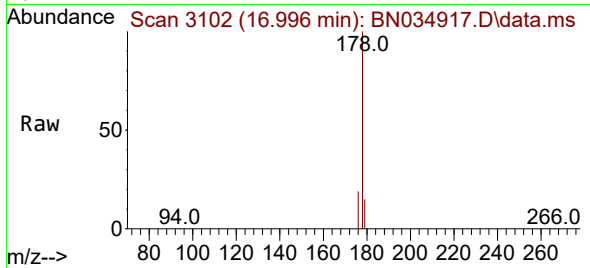




#15
Phenanthrene
Concen: 1.389 ng/ul
RT: 16.996 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

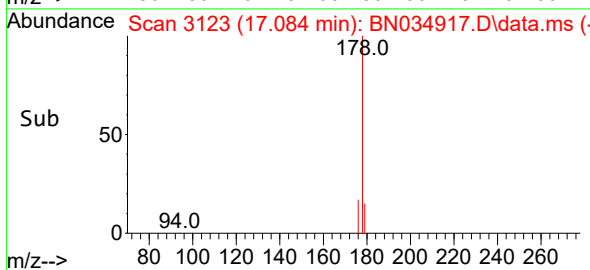
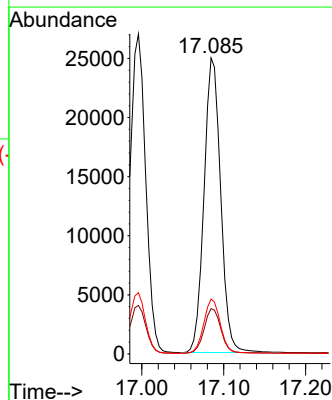
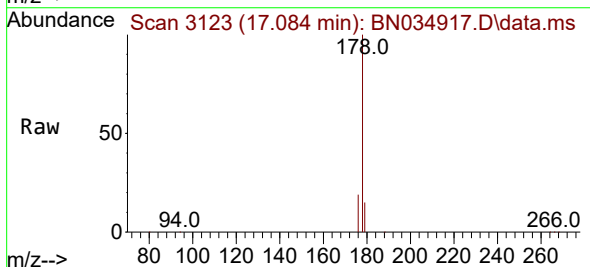
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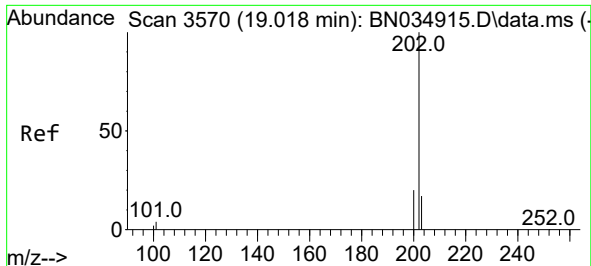
Tgt Ion:178 Resp: 36781
Ion Ratio Lower Upper
178 100
179 15.1 13.4 20.2
176 19.1 15.8 23.6



#16
Anthracene
Concen: 1.437 ng/ul
RT: 17.084 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Tgt Ion:178 Resp: 35218
Ion Ratio Lower Upper
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179 15.3 13.3 19.9
176 18.5 15.8 23.8

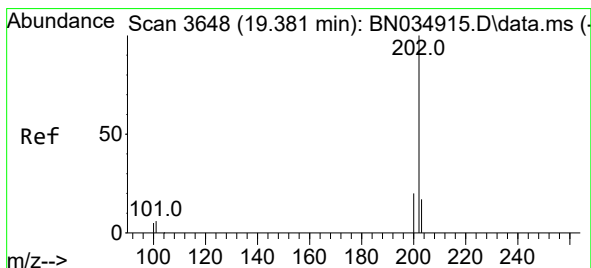
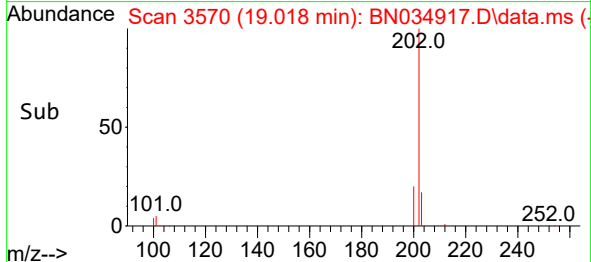
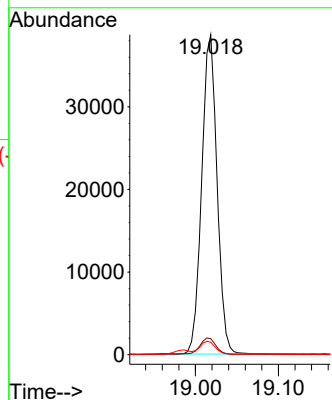
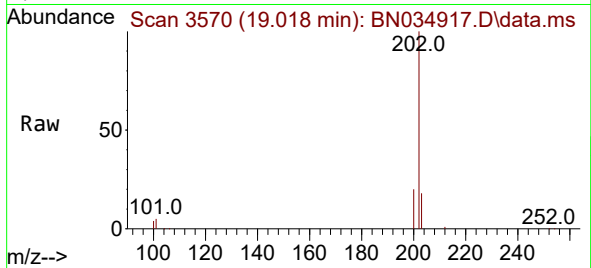




#19
Fluoranthene
Concen: 1.060 ng/ul
RT: 19.018 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

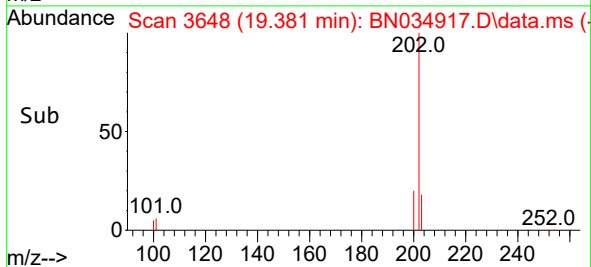
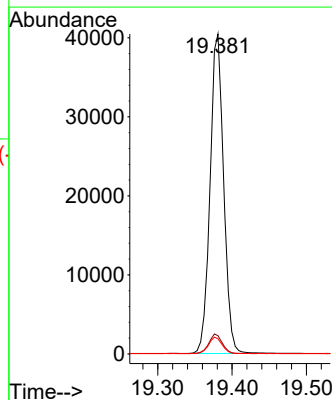
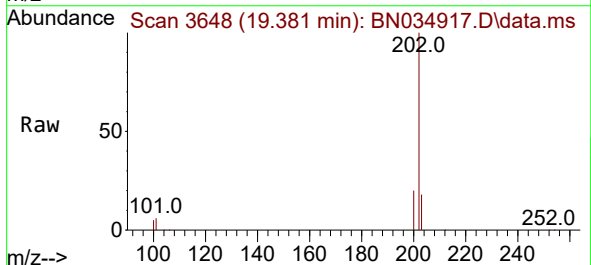
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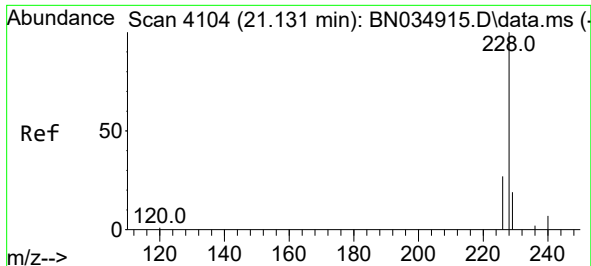
Tgt Ion:202 Resp: 49709
Ion Ratio Lower Upper
202 100
101 5.0 4.2 6.2
100 3.9 3.2 4.8



#20
Pyrene
Concen: 1.049 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Tgt Ion:202 Resp: 51205
Ion Ratio Lower Upper
202 100
101 5.7 5.0 7.4
100 4.7 4.1 6.1

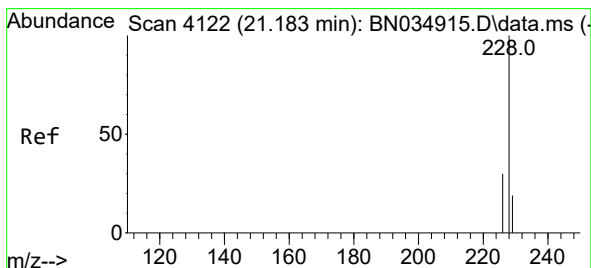
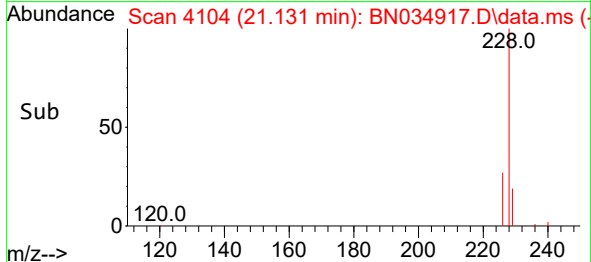
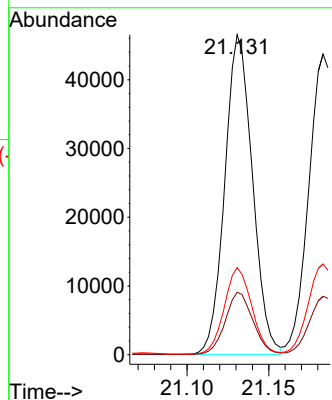
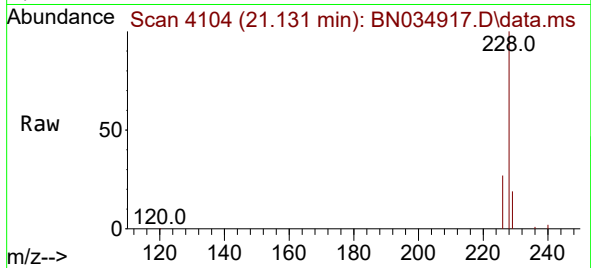




#21
Benzo(a)anthracene
Concen: 1.413 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

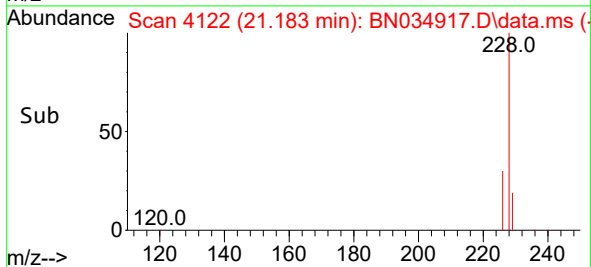
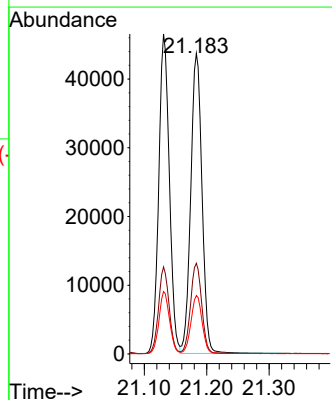
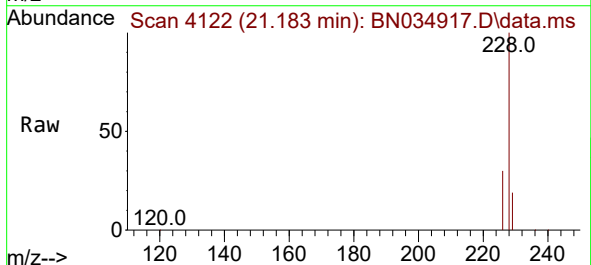
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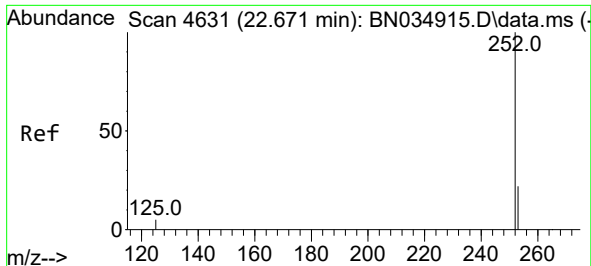
Tgt Ion:228 Resp: 54674
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.2 22.2 33.2



#22
Chrysene
Concen: 1.410 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

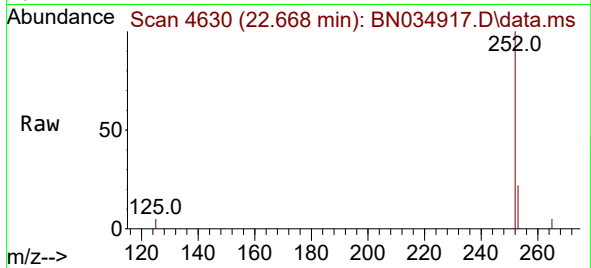
Tgt Ion:228 Resp: 54642
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 19.4 15.4 23.2



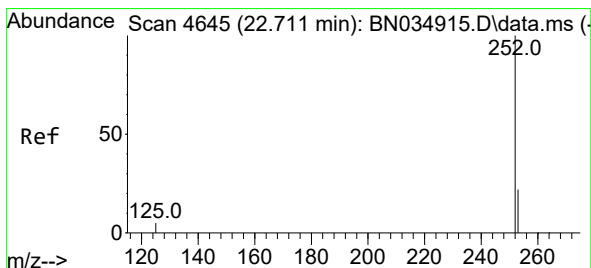
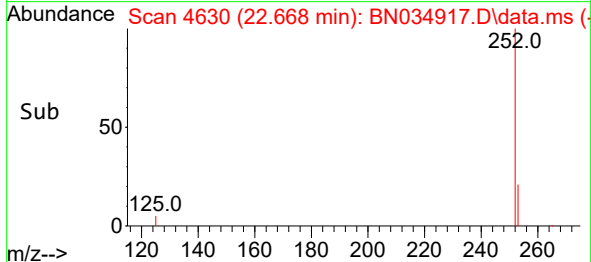
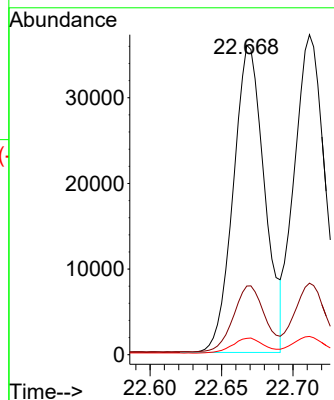


#24
Benzo(b)fluoranthene
Concen: 1.360 ng/ul
RT: 22.668 min Scan# 4630
Delta R.T. -0.003 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

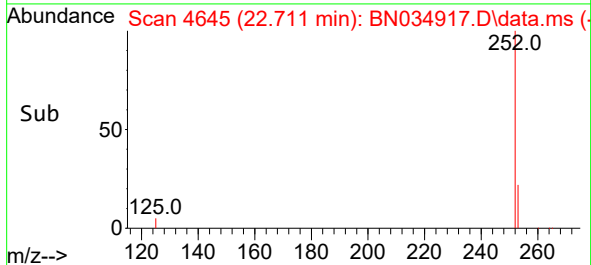
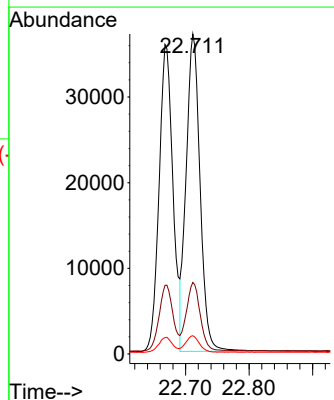
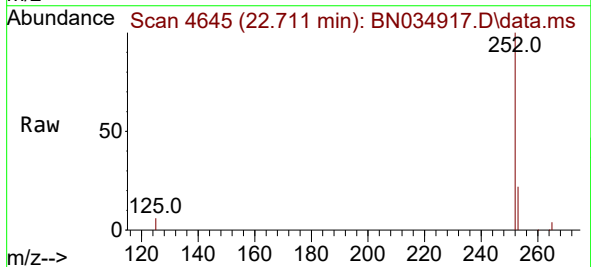


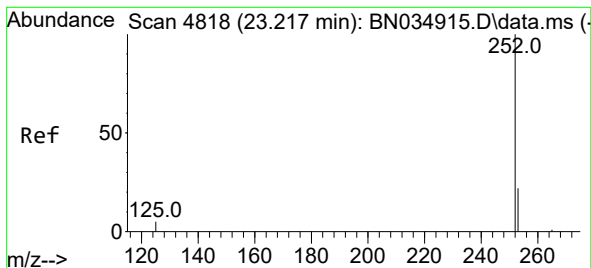
Tgt Ion:252 Resp: 54524
Ion Ratio Lower Upper
252 100
253 22.2 0.0 50.0
125 5.3 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 1.394 ng/ul
RT: 22.711 min Scan# 4645
Delta R.T. 0.000 min
Lab File: BN034917.D
Acq: 08 Nov 2024 23:04

Tgt Ion:252 Resp: 56393
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.4
125 5.7 5.8 8.8#





#26

Benzo(a)pyrene

Concen: 1.403 ng/ul

RT: 23.220 min Scan# 4818

Delta R.T. 0.003 min

Lab File: BN034917.D

Acq: 08 Nov 2024 23:04

Instrument :

BNA_N

ClientSampleId :

SSTD1.6220

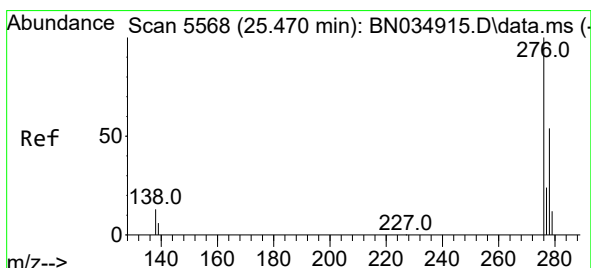
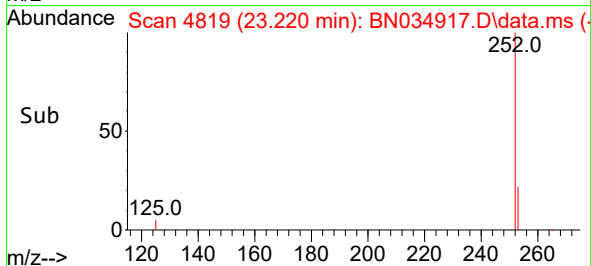
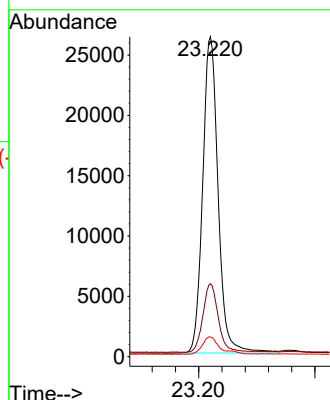
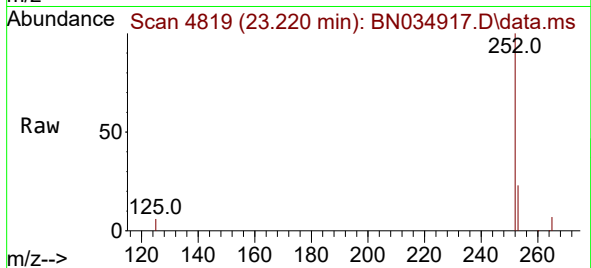
Tgt Ion:252 Resp: 48427

Ion Ratio Lower Upper

252 100

253 22.8 21.2 31.8

125 6.2 6.3 9.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.649 ng/ul

RT: 25.470 min Scan# 5568

Delta R.T. 0.000 min

Lab File: BN034917.D

Acq: 08 Nov 2024 23:04

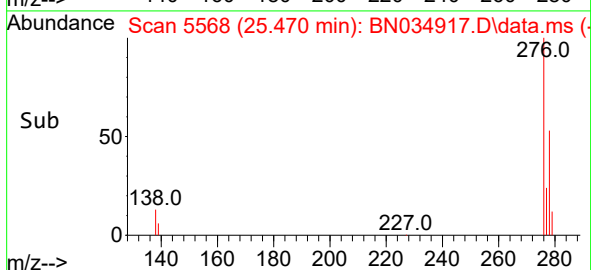
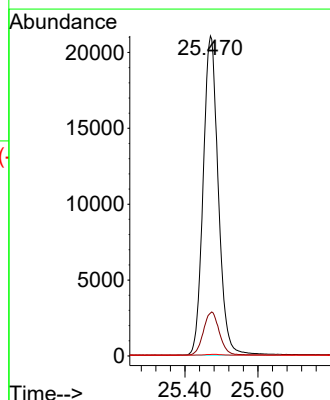
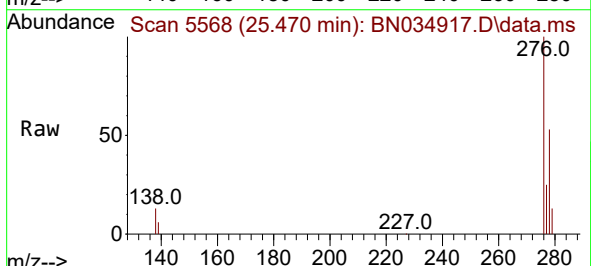
Tgt Ion:276 Resp: 60609

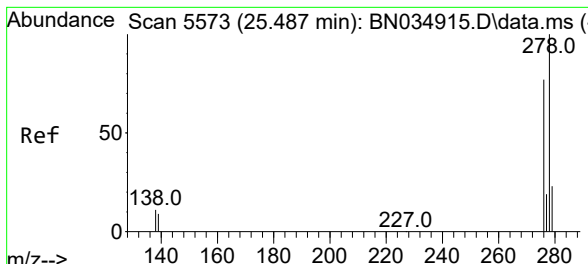
Ion Ratio Lower Upper

276 100

138 14.2 10.8 16.2

227 0.3 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 1.710 ng/ul

RT: 25.487 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN034917.D

Acq: 08 Nov 2024 23:04

Instrument :

BNA_N

ClientSampleId :

SSTD1.6220

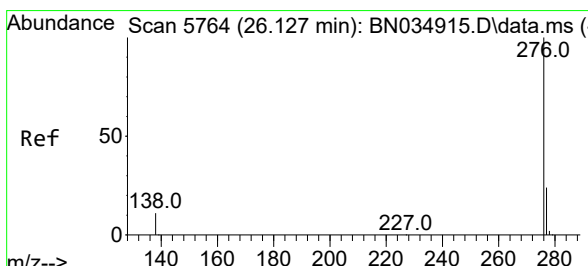
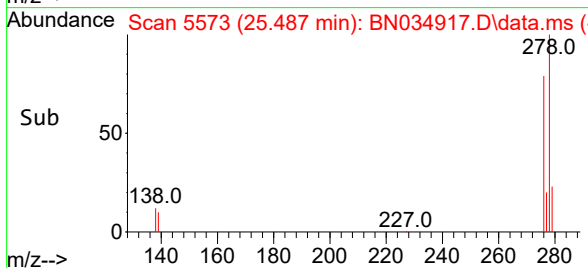
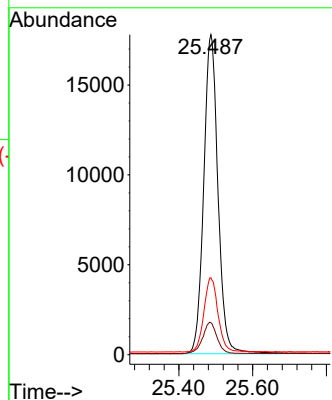
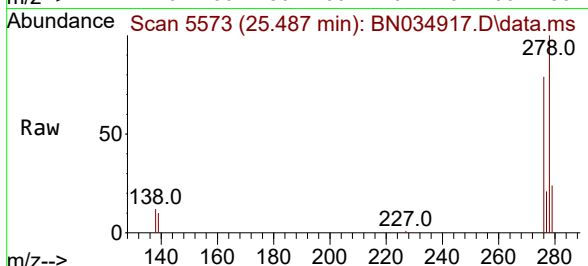
Tgt Ion:278 Resp: 47528

Ion Ratio Lower Upper

278 100

139 10.0 8.4 12.6

279 24.1 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 1.592 ng/ul

RT: 26.124 min Scan# 5763

Delta R.T. -0.003 min

Lab File: BN034917.D

Acq: 08 Nov 2024 23:04

Tgt Ion:276 Resp: 45975

Ion Ratio Lower Upper

276 100

138 12.4 10.3 15.5

277 24.1 20.2 30.2

