

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111624\
 Data File : BN035136.D
 Acq On : 16 Nov 2024 13:37
 Operator : RC/JU
 Sample : SSTD0.439
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4225

Quant Time: Nov 18 00:34:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:33:27 2024
 Response via : Initial Calibration

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

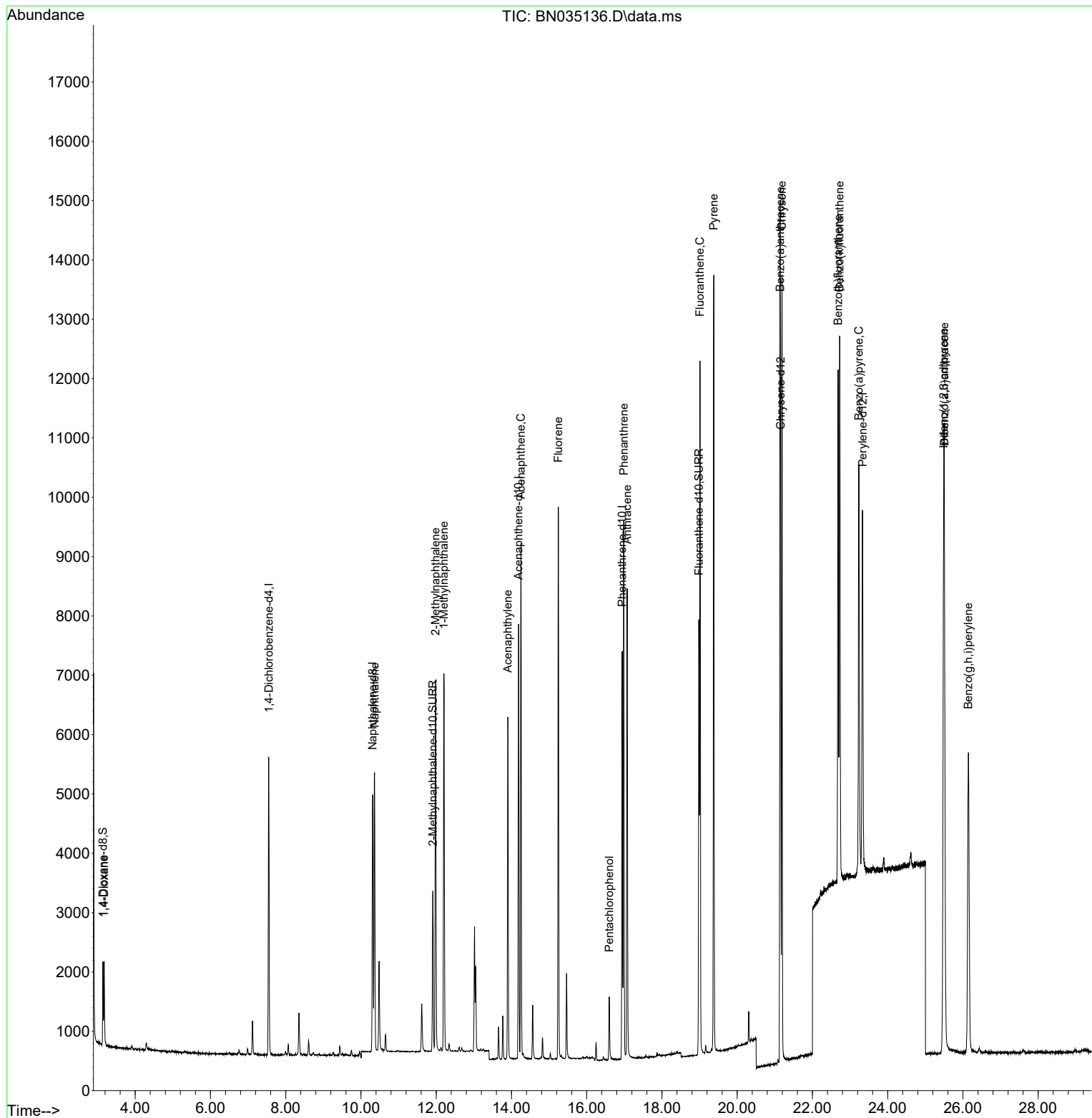
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.312	136	5912	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.189	164	3911	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	8422	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	7282	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	7906	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	1009	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	3629	0.401	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	8485	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.174	88	1077	0.407	ng/ul	100
5) Naphthalene	10.361	128	6250	0.422	ng/ul	100
7) 2-Methylnaphthalene	11.983	142	4360	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	4376	0.395	ng/ul	100
10) Acenaphthylene	13.903	152	6406	0.401	ng/ul	100
11) Acenaphthene	14.250	153	4875	0.402	ng/ul	100
12) Fluorene	15.244	166	5773	0.375	ng/ul	100
14) Pentachlorophenol	16.599	266	733	0.376	ng/ul	100
15) Phenanthrene	16.983	178	9167	0.407	ng/ul	100
16) Anthracene	17.076	178	8454	0.400	ng/ul	100
19) Fluoranthene	19.009	202	10701	0.440	ng/ul	100
20) Pyrene	19.376	202	11145	0.442	ng/ul	100
21) Benzo(a)anthracene	21.140	228	10491	0.398	ng/ul	100
22) Chrysene	21.189	228	10599	0.394	ng/ul	100
24) Benzo(b)fluoranthene	22.682	252	10838	0.390	ng/ul	100
25) Benzo(k)fluoranthene	22.723	252	11232	0.386	ng/ul	100
26) Benzo(a)pyrene	23.232	252	9837	0.396	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.487	276	13552	0.446	ng/ul	100
28) Dibenzo(a,h)anthracene	25.507	278	10659	0.450	ng/ul	100
29) Benzo(g,h,i)perylene	26.141	276	10657	0.459	ng/ul	100

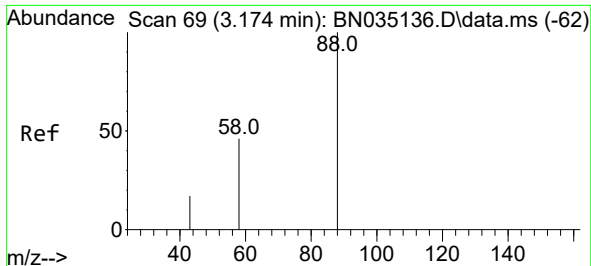
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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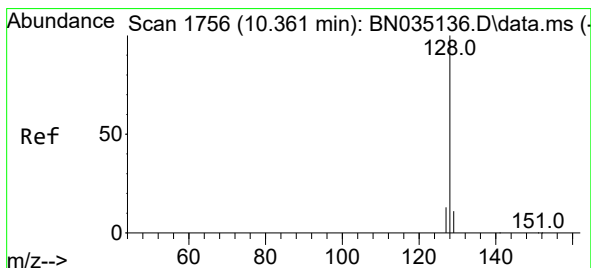
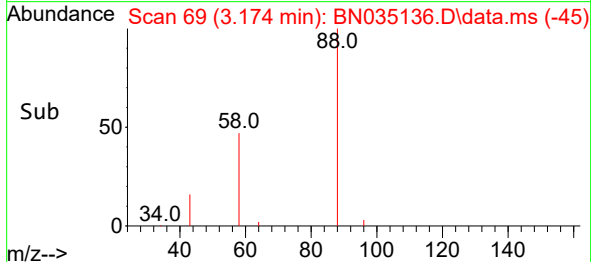
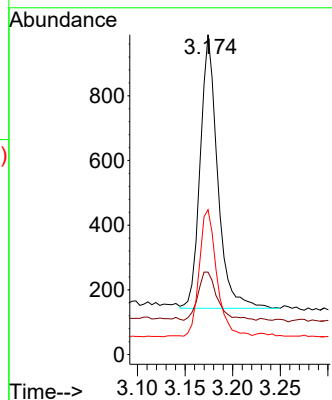
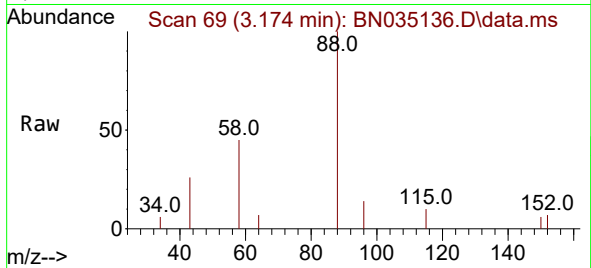




#2
1,4-Dioxane
Concen: 0.407 ng/ul
RT: 3.174 min Scan# 69
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

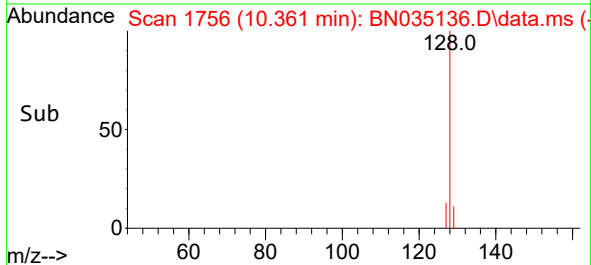
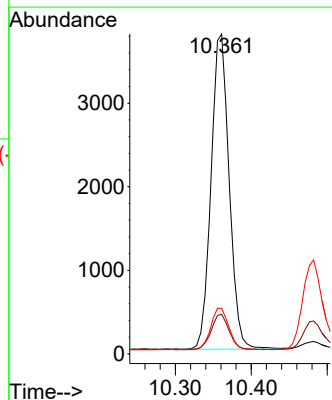
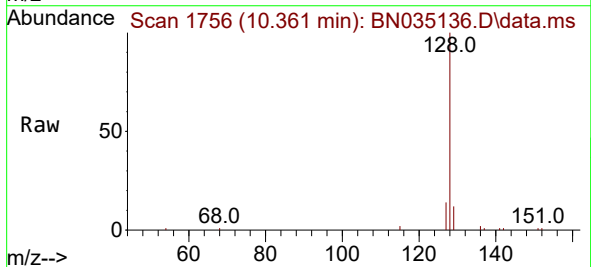
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

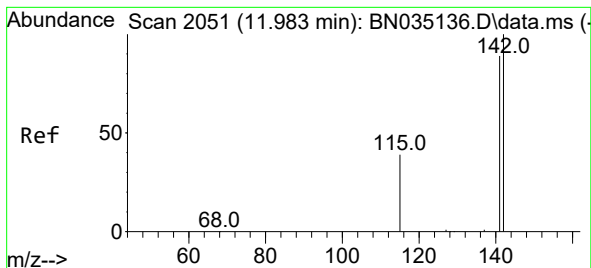
Tgt Ion: 88 Resp: 1077
Ion Ratio Lower Upper
88 100
43 25.8 20.6 31.0
58 45.3 36.2 54.4



#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion: 128 Resp: 6250
Ion Ratio Lower Upper
128 100
129 12.4 9.9 14.9
127 14.3 11.4 17.2

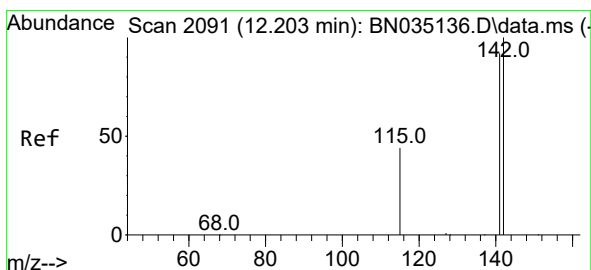
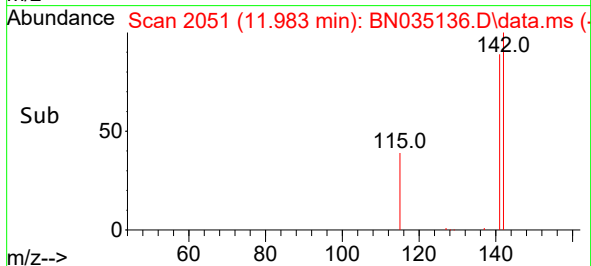
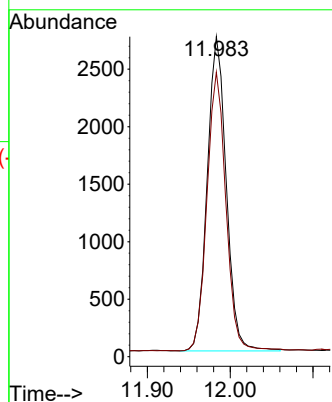
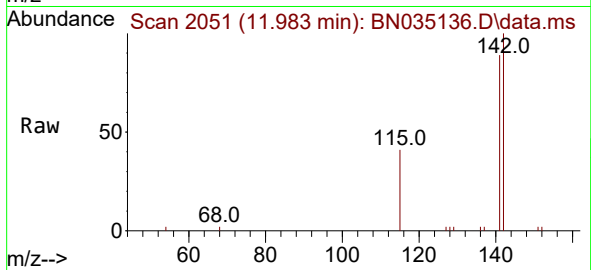




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

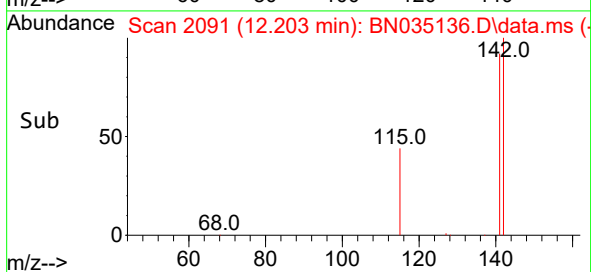
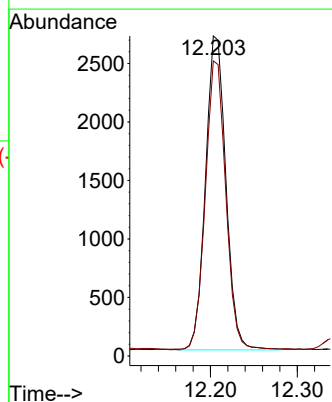
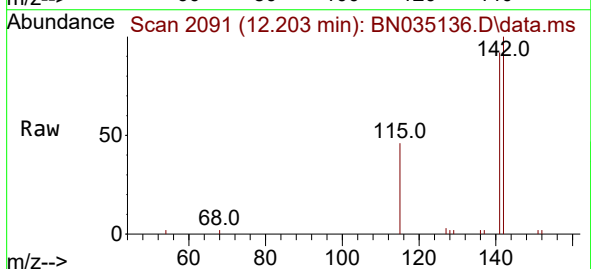
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

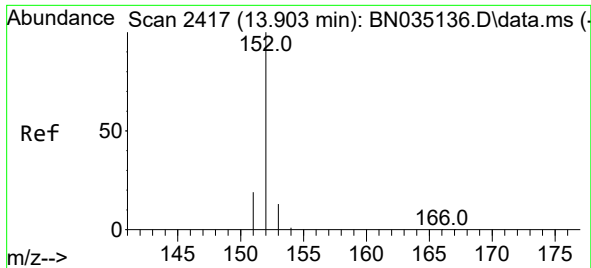
Tgt Ion:142 Resp: 4360
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion:142 Resp: 4376
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

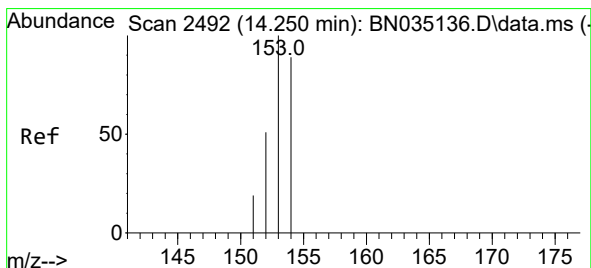
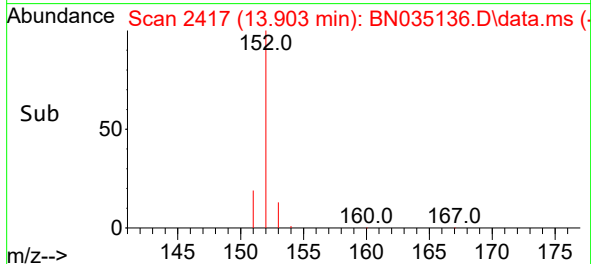
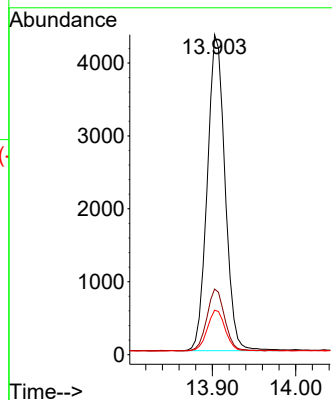
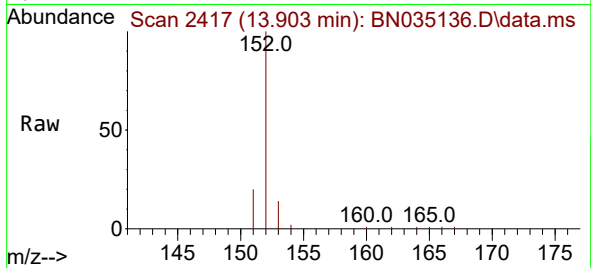




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

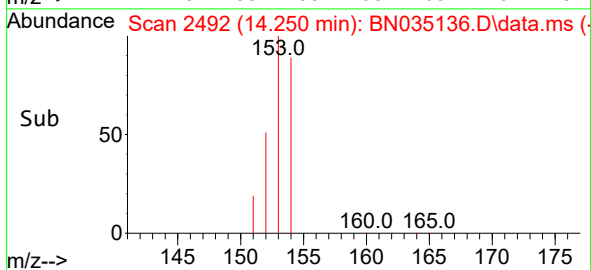
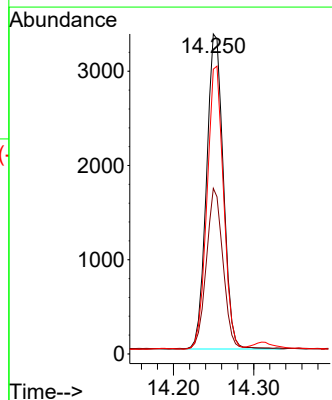
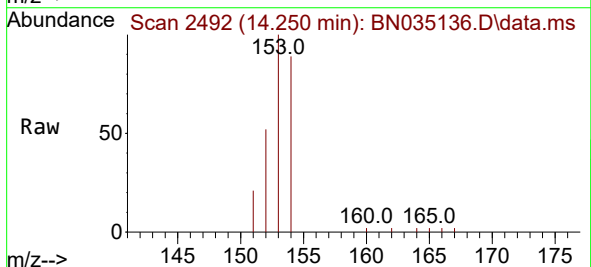
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

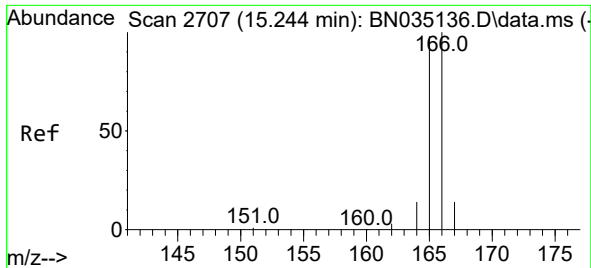
Tgt Ion:152 Resp: 6406
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.250 min Scan# 2492
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion:153 Resp: 4875
Ion Ratio Lower Upper
153 100
152 51.7 41.4 62.0
154 89.0 71.2 106.8

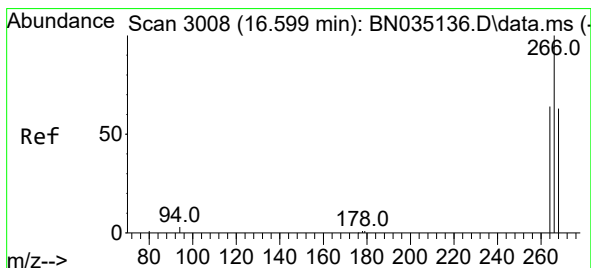
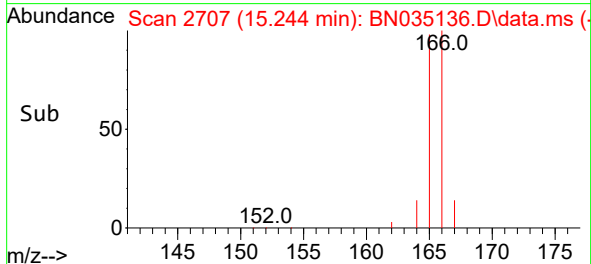
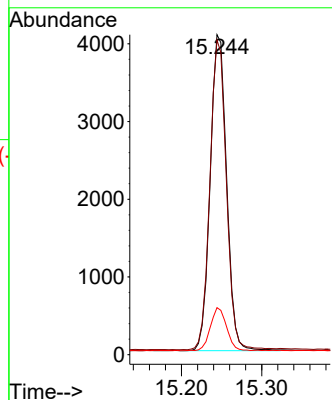
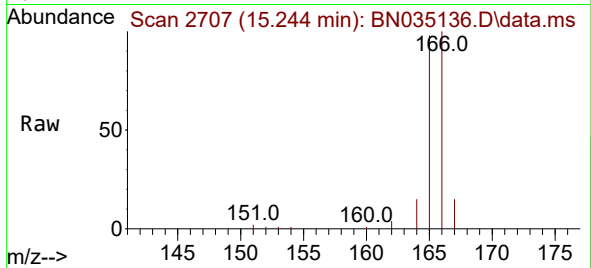




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.244 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

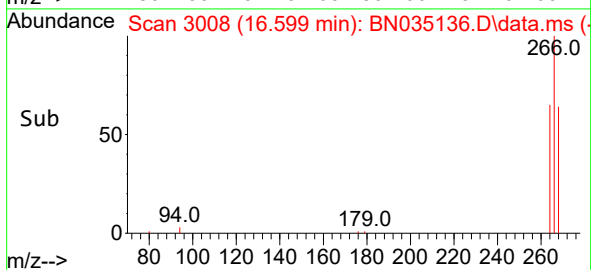
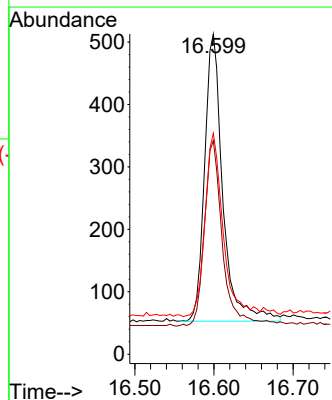
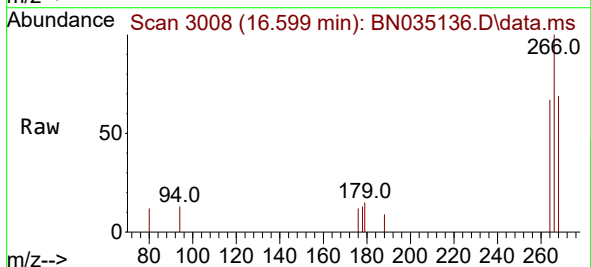
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

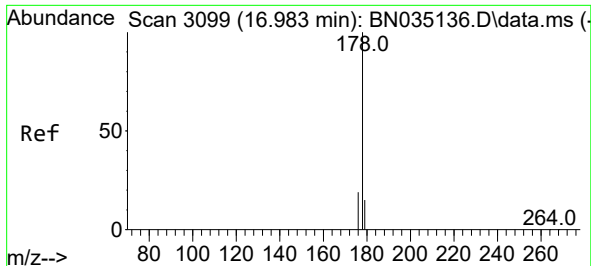
Tgt Ion:166 Resp: 5773
Ion Ratio Lower Upper
166 100
165 98.3 78.6 118.0
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.376 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion:266 Resp: 733
Ion Ratio Lower Upper
266 100
264 64.4 51.8 77.6
268 63.7 51.3 76.9

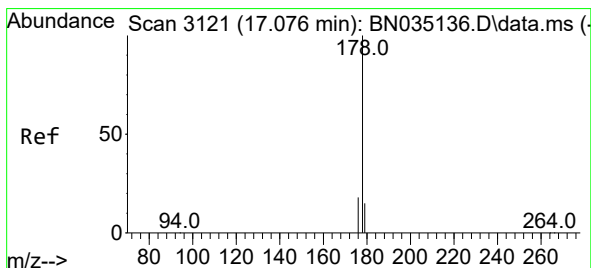
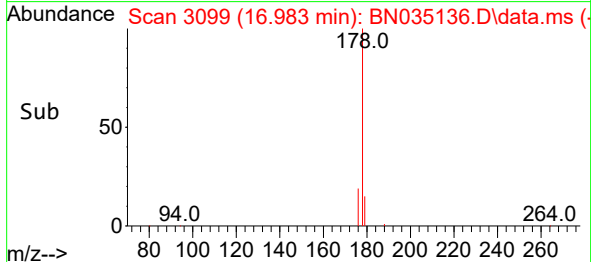
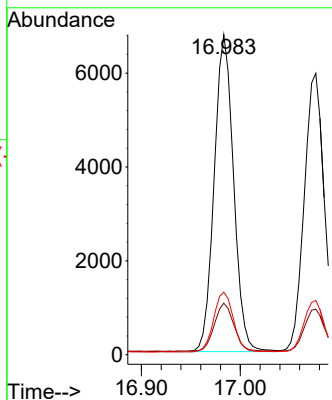
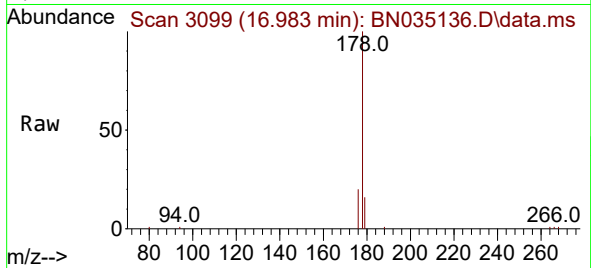




#15
Phenanthrene
Concen: 0.407 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

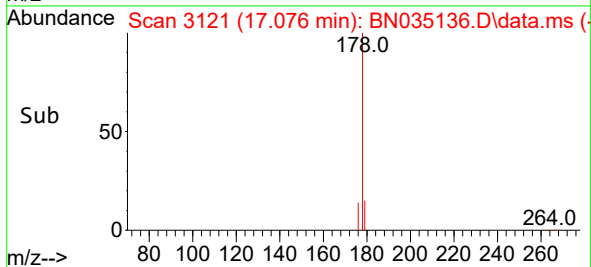
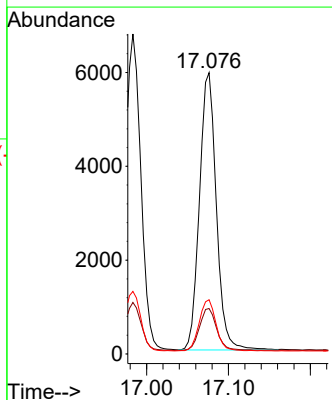
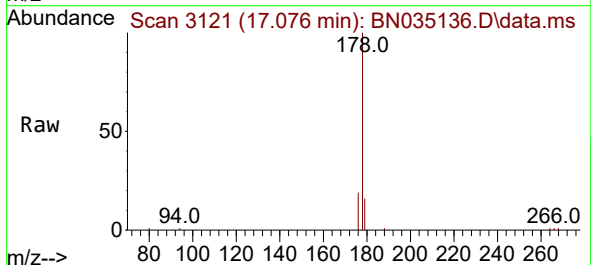
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

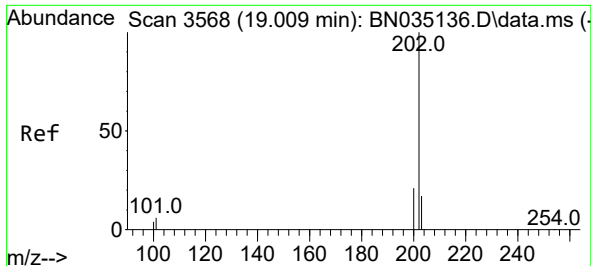
Tgt Ion:	178	Resp:	9167
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.5	15.6	23.4



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion:	178	Resp:	8454
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.3	15.4	23.2





#19

Fluoranthene

Concen: 0.440 ng/ul

RT: 19.009 min Scan# 3568

Delta R.T. 0.000 min

Lab File: BN035136.D

Acq: 16 Nov 2024 13:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.4225

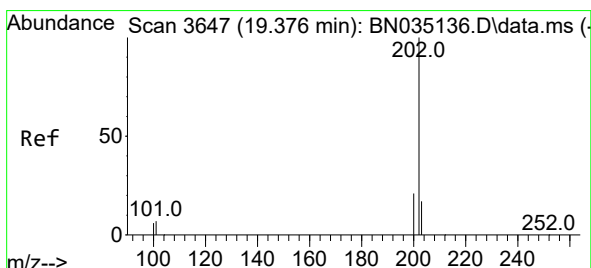
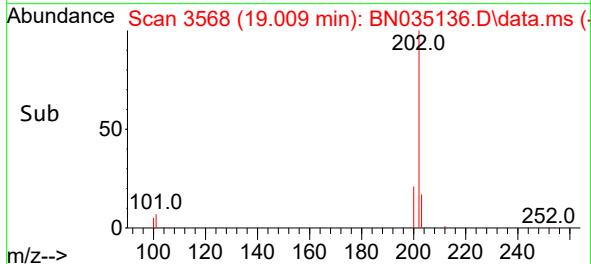
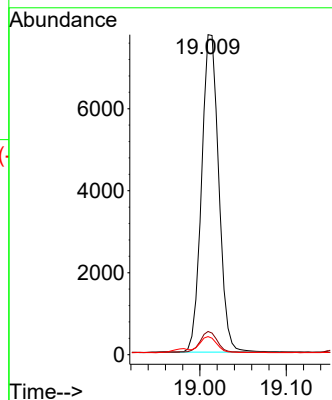
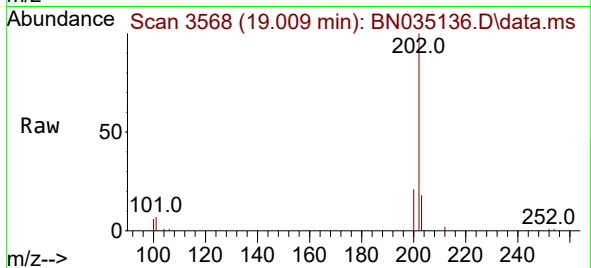
Tgt Ion:202 Resp: 10701

Ion Ratio Lower Upper

202 100

101 7.2 5.8 8.6

100 5.6 4.5 6.7



#20

Pyrene

Concen: 0.442 ng/ul

RT: 19.376 min Scan# 3647

Delta R.T. 0.000 min

Lab File: BN035136.D

Acq: 16 Nov 2024 13:37

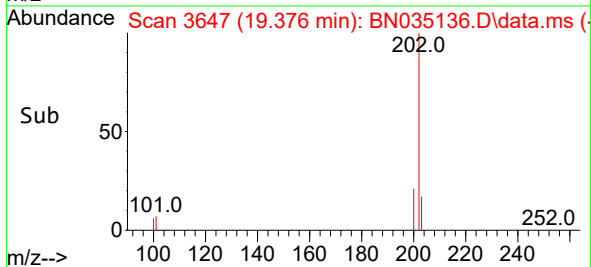
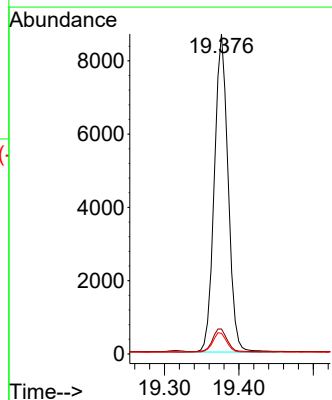
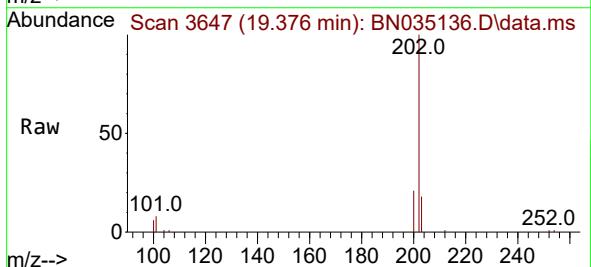
Tgt Ion:202 Resp: 11145

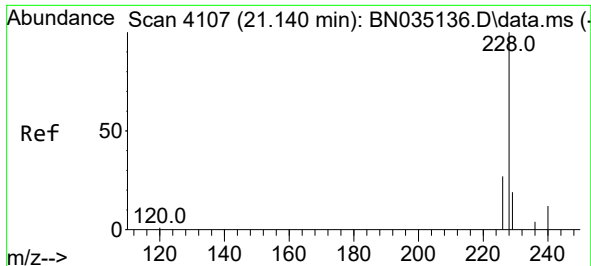
Ion Ratio Lower Upper

202 100

101 7.8 6.2 9.4

100 6.4 5.1 7.7

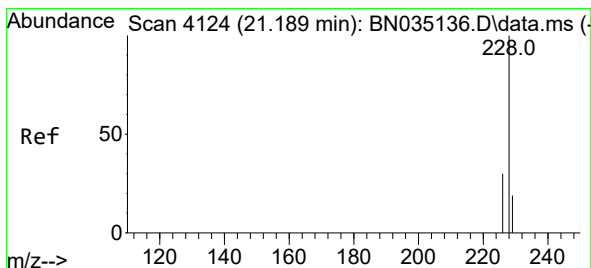
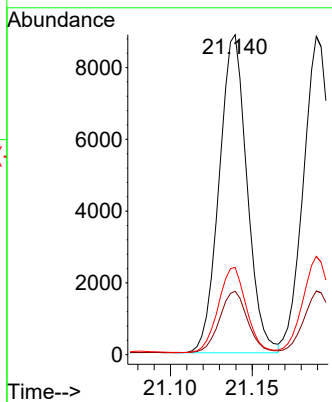
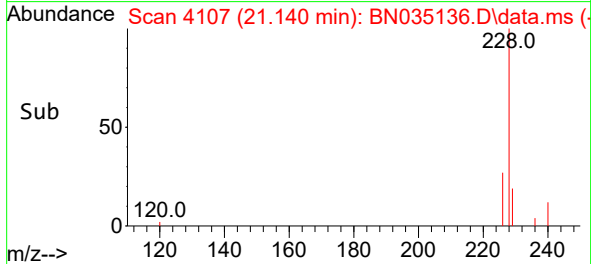
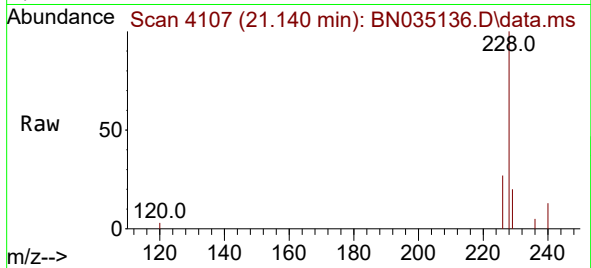




#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.140 min Scan# 4107
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

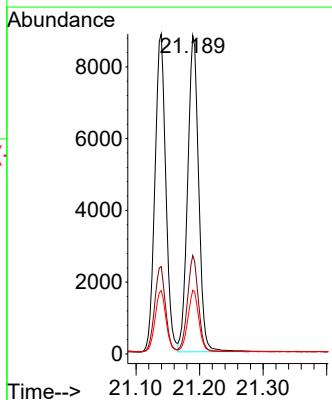
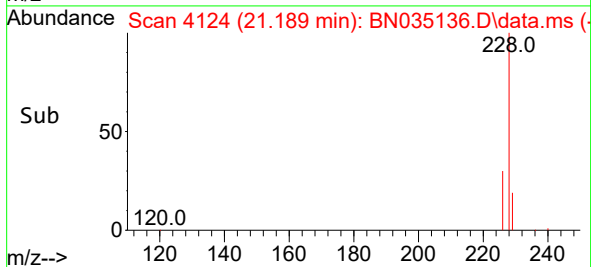
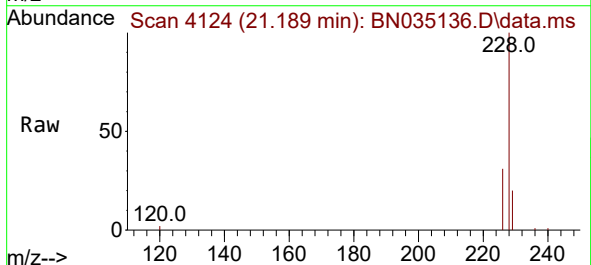
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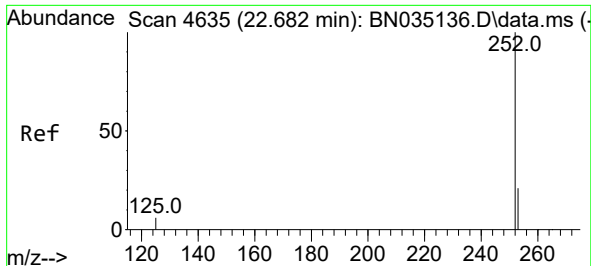
Tgt Ion:228 Resp: 10491
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.3 21.8 32.8



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion:228 Resp: 10599
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.0 16.0 24.0

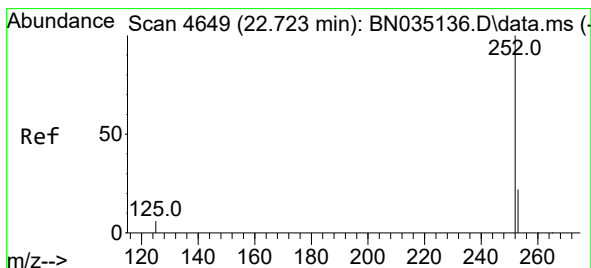
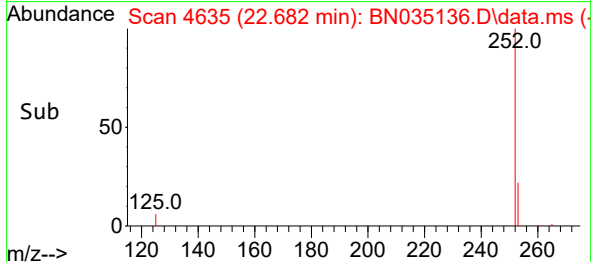
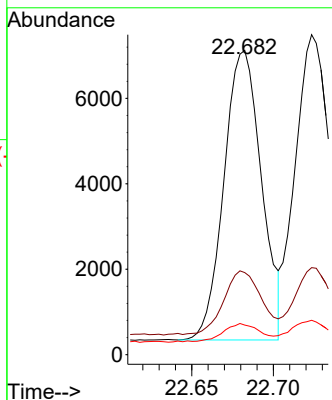
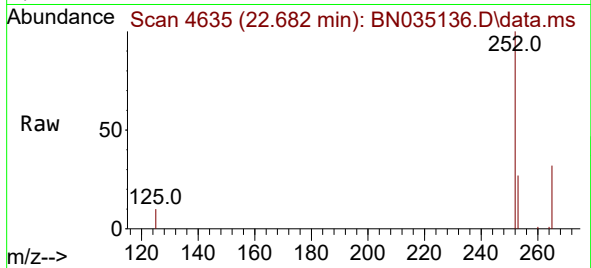




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

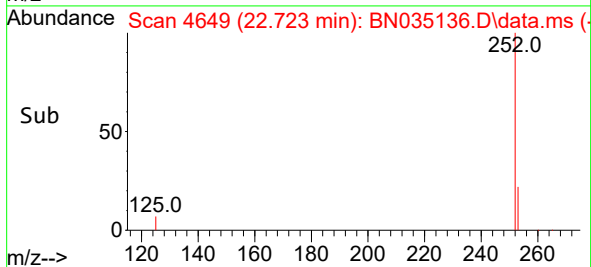
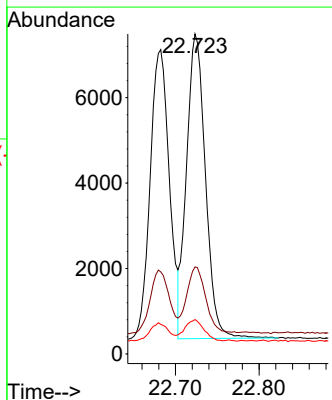
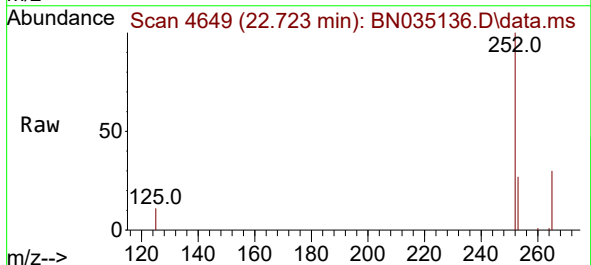
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

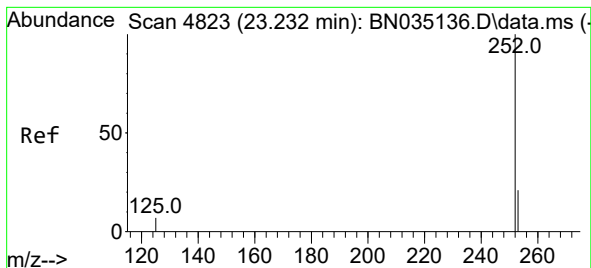
Tgt Ion:252 Resp: 10838
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 9.7 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 22.723 min Scan# 4649
Delta R.T. 0.000 min
Lab File: BN035136.D
Acq: 16 Nov 2024 13:37

Tgt Ion:252 Resp: 11232
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.6
125 10.7 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.232 min Scan# 4823

Delta R.T. 0.000 min

Lab File: BN035136.D

Acq: 16 Nov 2024 13:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.4225

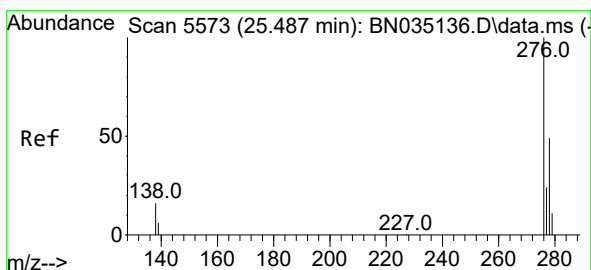
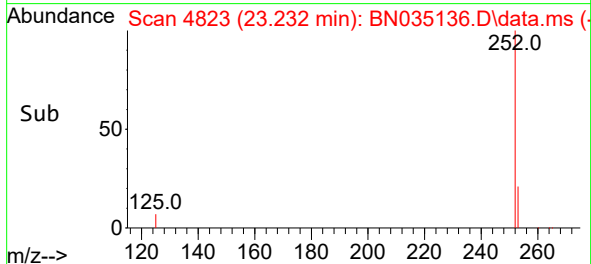
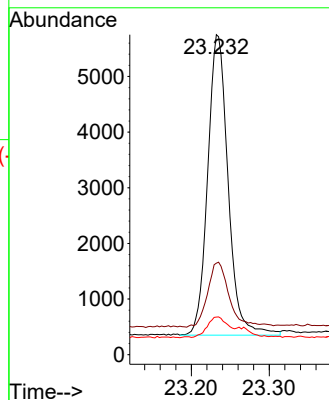
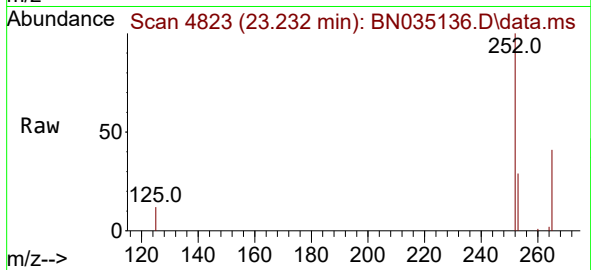
Tgt Ion:252 Resp: 9837

Ion Ratio Lower Upper

252 100

253 28.6 22.9 34.3

125 11.8 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.446 ng/ul

RT: 25.487 min Scan# 5573

Delta R.T. 0.000 min

Lab File: BN035136.D

Acq: 16 Nov 2024 13:37

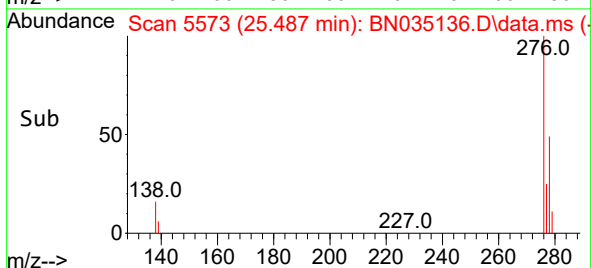
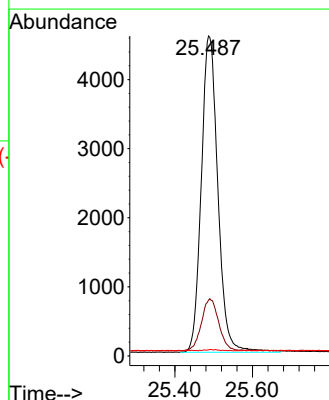
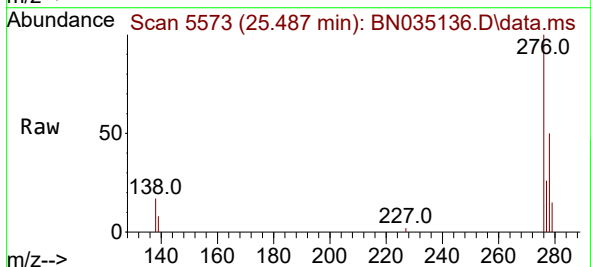
Tgt Ion:276 Resp: 13552

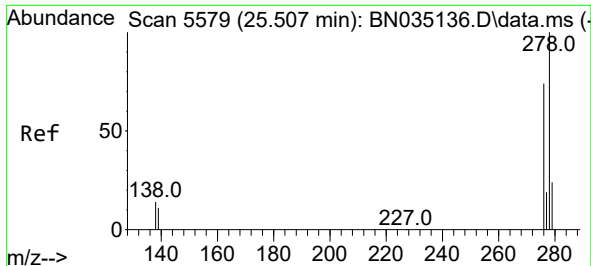
Ion Ratio Lower Upper

276 100

138 17.3 13.8 20.8

227 0.3 0.2 0.4

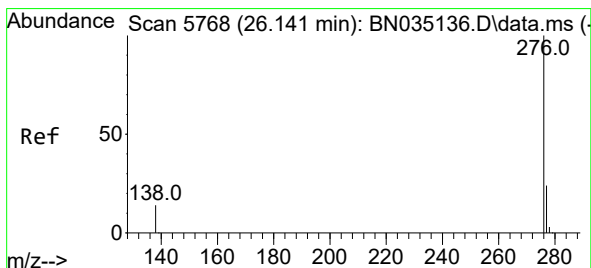
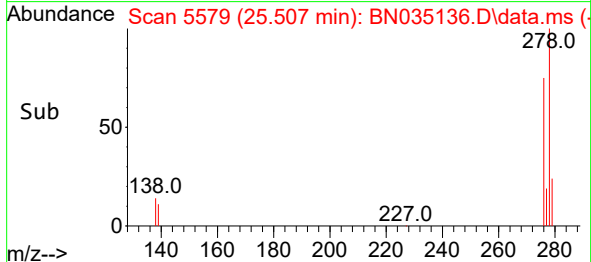
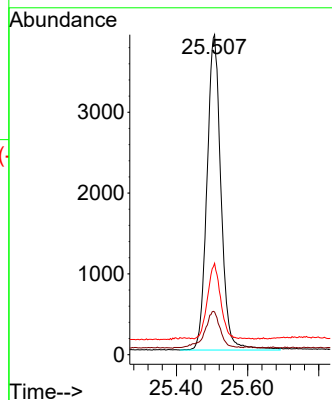
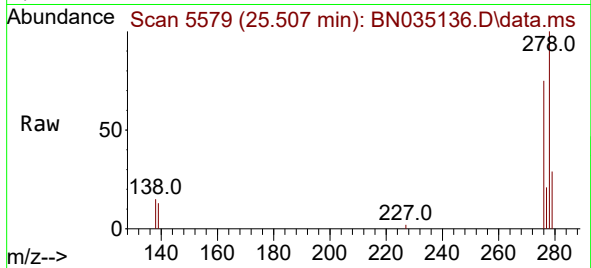




#28
 Dibenzo(a,h)anthracene
 Concen: 0.450 ng/ul
 RT: 25.507 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN035136.D
 Acq: 16 Nov 2024 13:37

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4225

Tgt Ion:278 Resp: 10659
 Ion Ratio Lower Upper
 278 100
 139 13.4 10.7 16.1
 279 28.5 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.459 ng/ul
 RT: 26.141 min Scan# 5768
 Delta R.T. 0.000 min
 Lab File: BN035136.D
 Acq: 16 Nov 2024 13:37

Tgt Ion:276 Resp: 10657
 Ion Ratio Lower Upper
 276 100
 138 16.3 13.0 19.6
 277 25.6 20.5 30.7

