

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
 Data File : BN018209.D
 Acq On : 27 Dec 2021 18:39
 Operator : CG/JU
 Sample : SST0.410
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 28 00:19:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 28 00:18:00 2021
 Response via : Initial Calibration

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

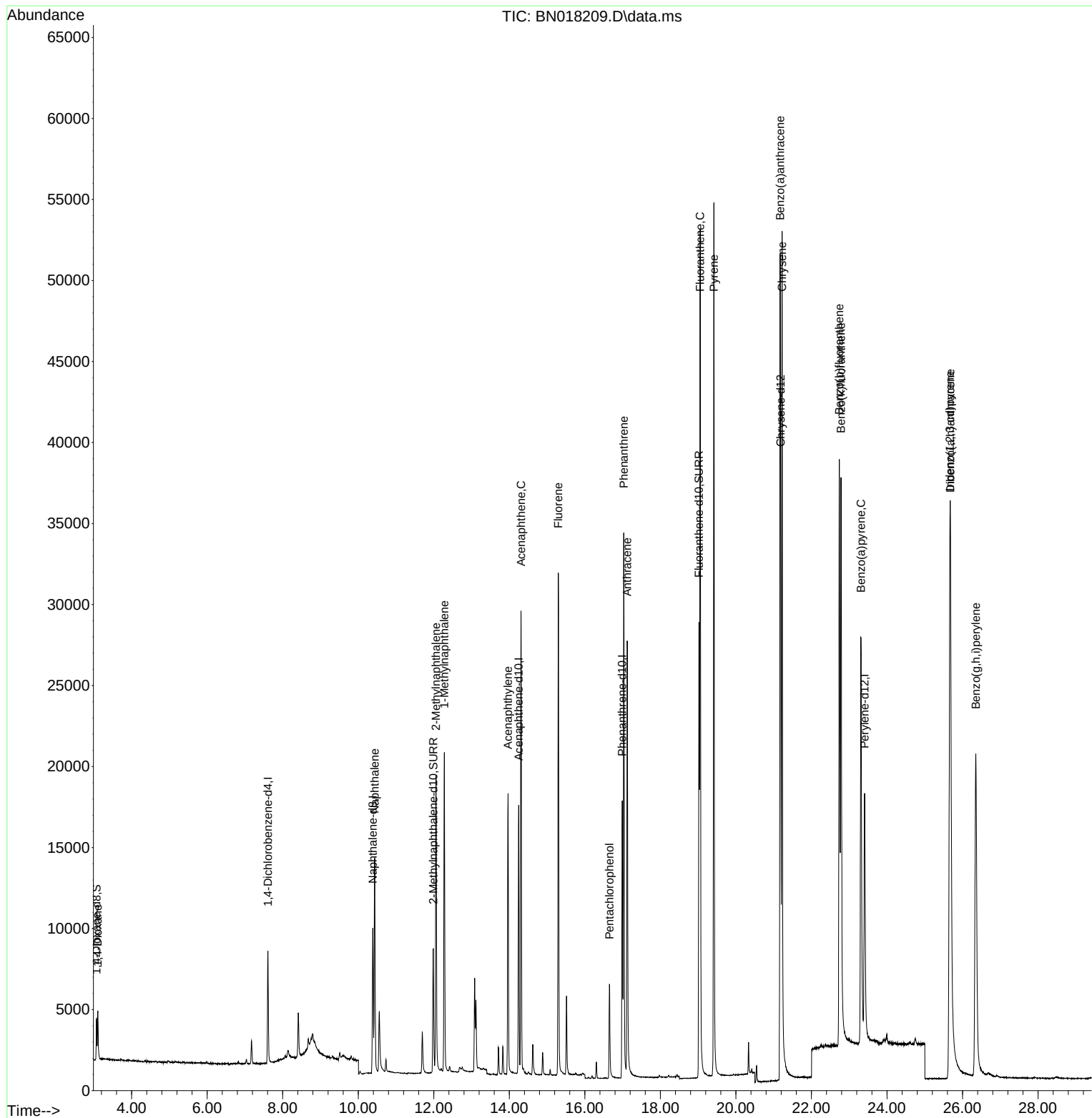
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	3711	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	12893	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	9421	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.990	188	21123	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	22921	0.400	ng/ul	0.00
23) Perylene-d12	23.408	264	21933	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	1840	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	10956	0.617	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	34846	0.560	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	1991	0.429	ng/ul	100
5) Naphthalene	10.436	128	18943	0.517	ng/ul	100
7) 2-Methylnaphthalene	12.059	142	13802	0.586	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	14001	0.572	ng/ul	100
10) Acenaphthylene	13.966	152	20537	0.551	ng/ul	100
11) Acenaphthene	14.308	153	16682	0.508	ng/ul	100
12) Fluorene	15.298	166	20584	0.541	ng/ul	100
14) Pentachlorophenol	16.652	266	4238	1.068	ng/ul	100
15) Phenanthrene	17.032	178	35632	0.517	ng/ul	100
16) Anthracene	17.121	178	31927	0.572	ng/ul	100
19) Fluoranthene	19.054	202	46555	0.529	ng/ul	100
20) Pyrene	19.416	202	48156	0.523	ng/ul	100
21) Benzo(a)anthracene	21.170	228	44162	0.579	ng/ul	100
22) Chrysene	21.222	228	48549	0.520	ng/ul	100
24) Benzo(b)fluoranthene	22.739	252	47739	0.568	ng/ul	100
25) Benzo(k)fluoranthene	22.783	252	53592	0.512	ng/ul	100
26) Benzo(a)pyrene	23.309	252	44346	0.558	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.665	276	56327	0.537	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.682	278	43327	0.546	ng/ul	100
29) Benzo(g,h,i)perylene	26.353	276	49100	0.568	ng/ul	100

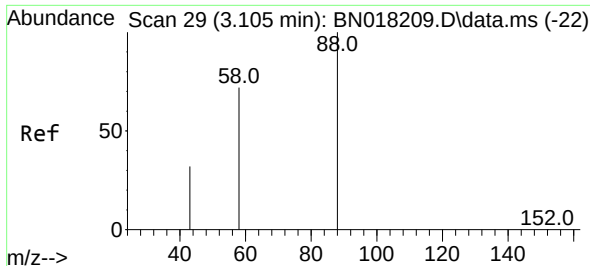
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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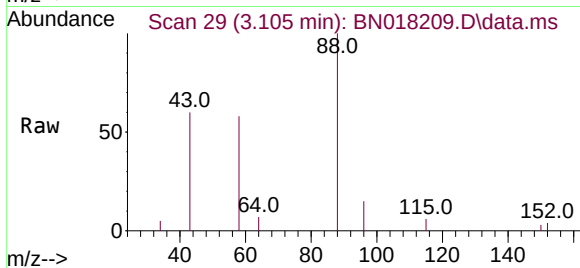
Quant Time: Dec 28 00:19:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
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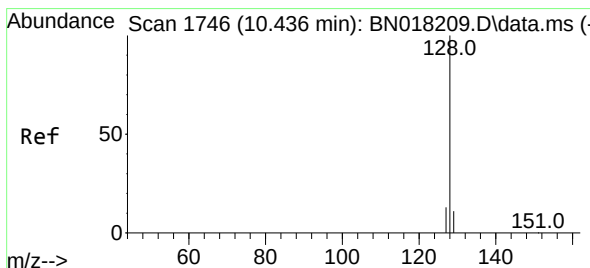
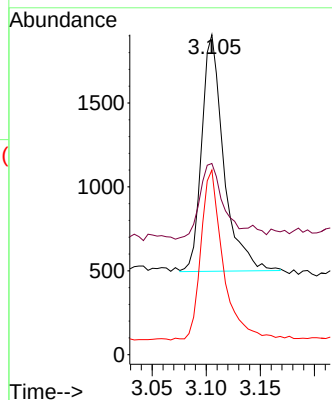
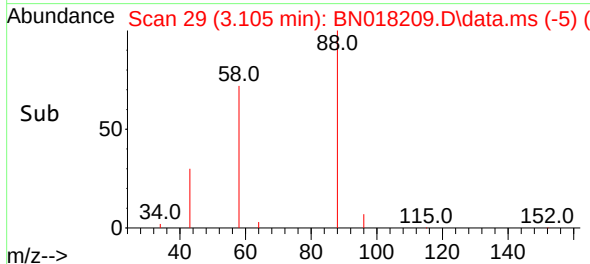


#2
1,4-Dioxane
Concen: 0.429 ng/ul
RT: 3.105 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

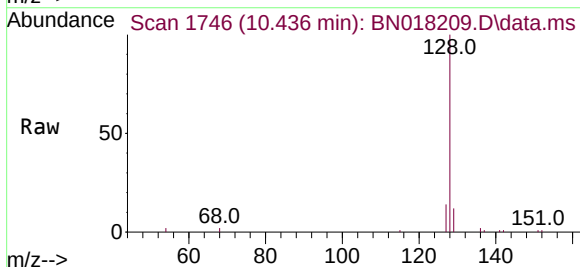
Instrument :
BNA_N
ClientSampleId :



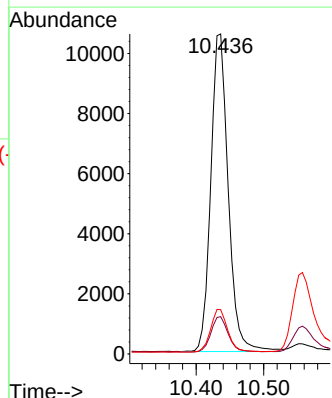
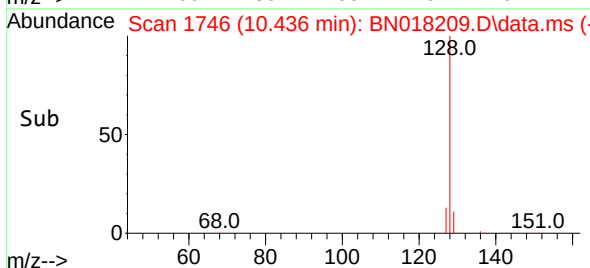
Tgt Ion: 88 Resp: 1991
Ion Ratio Lower Upper
88 100
43 59.8 47.8 71.8
58 57.7 46.2 69.2

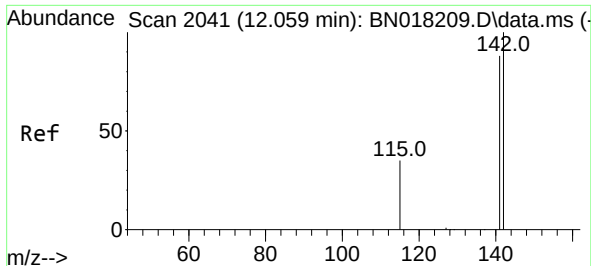


#5
Naphthalene
Concen: 0.517 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39



Tgt Ion: 128 Resp: 18943
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6

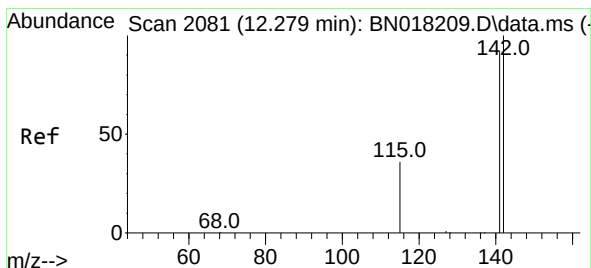
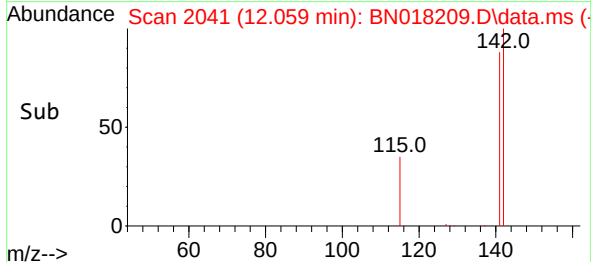
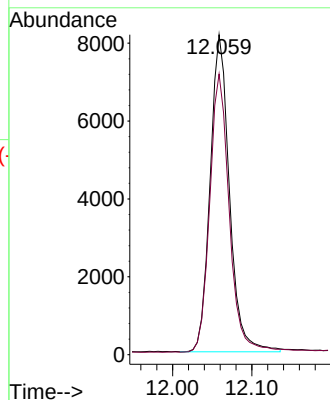
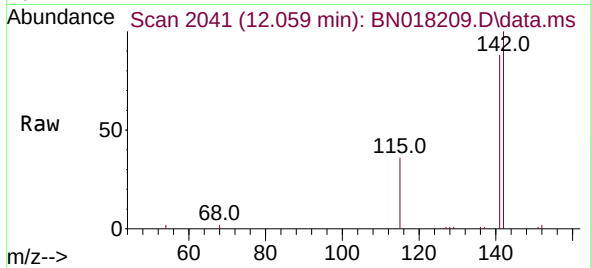




#7
2-Methylnaphthalene
Concen: 0.586 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

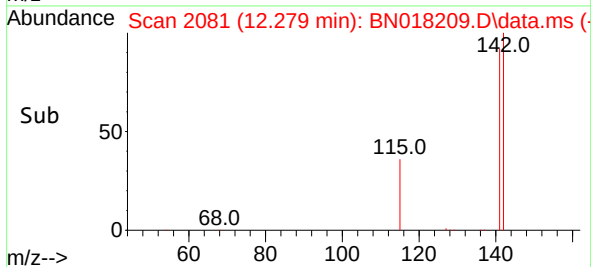
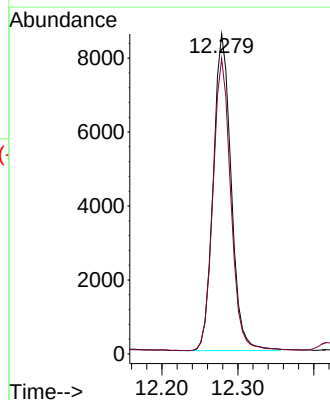
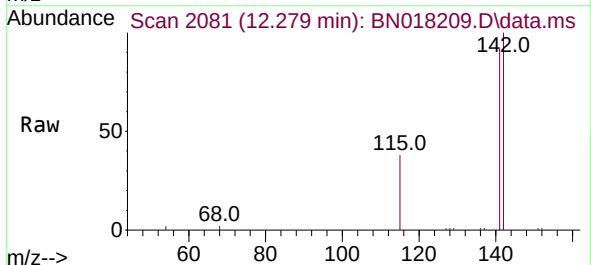
Instrument :
BNA_N
ClientSampleId :

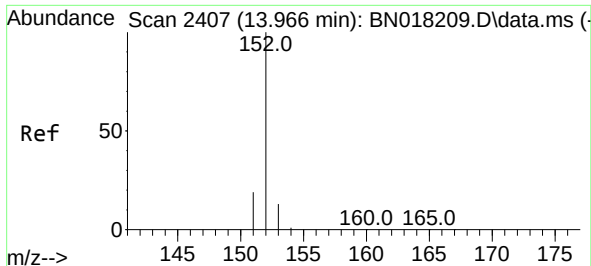
Tgt Ion:142 Resp: 13802
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.572 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:142 Resp: 14001
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

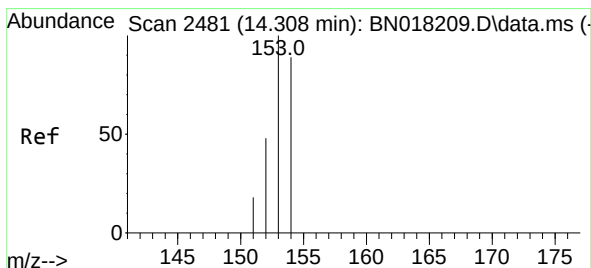
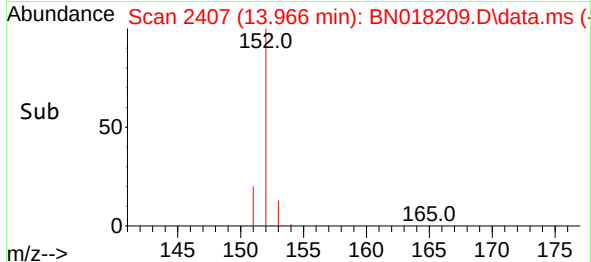
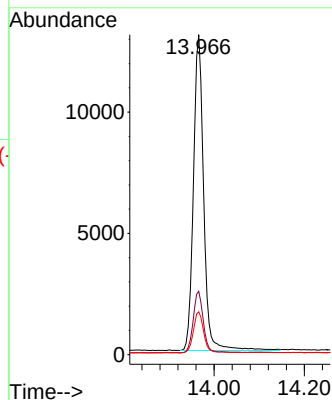
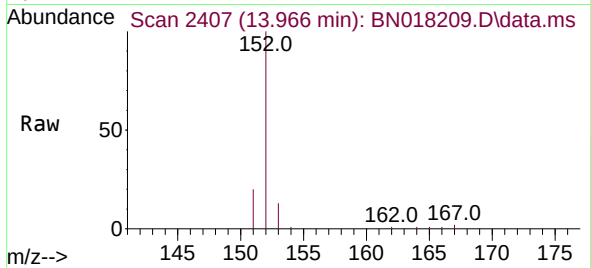




#10
Acenaphthylene
Concen: 0.551 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

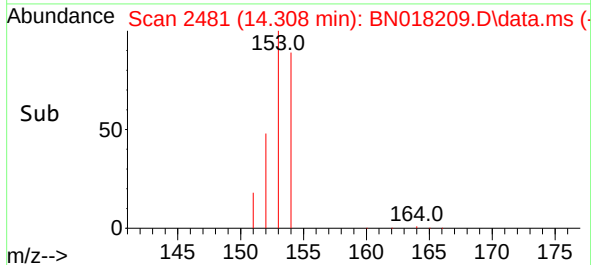
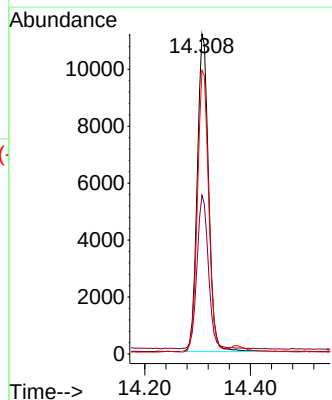
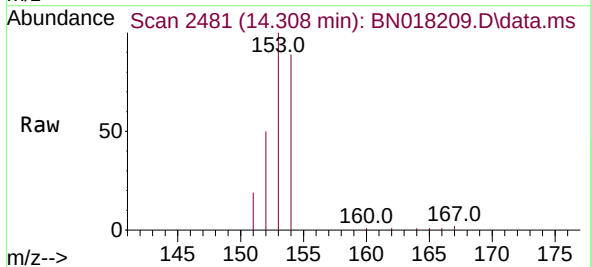
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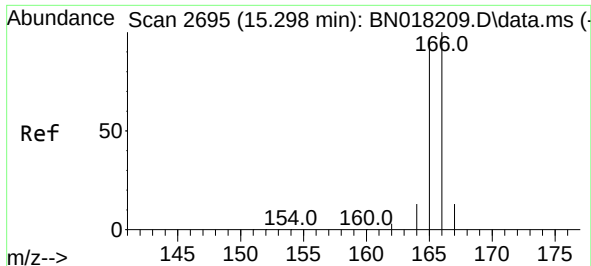
Tgt Ion:152 Resp: 20537
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.508 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:153 Resp: 16682
Ion Ratio Lower Upper
153 100
152 49.6 39.7 59.5
154 88.6 70.9 106.3

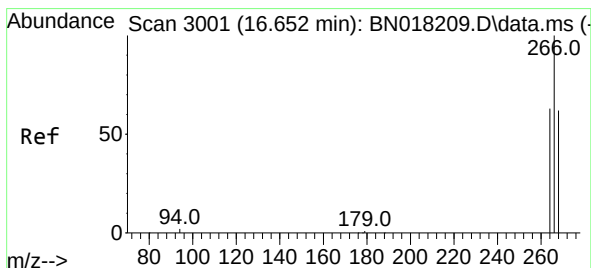
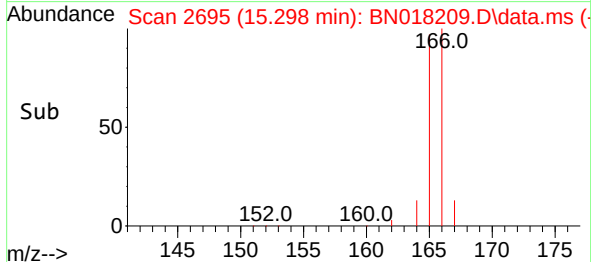
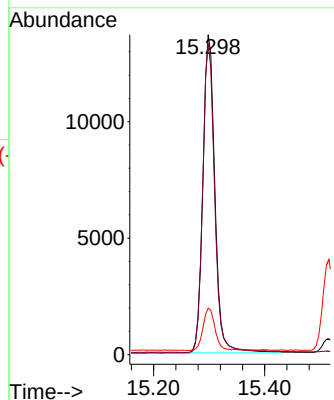
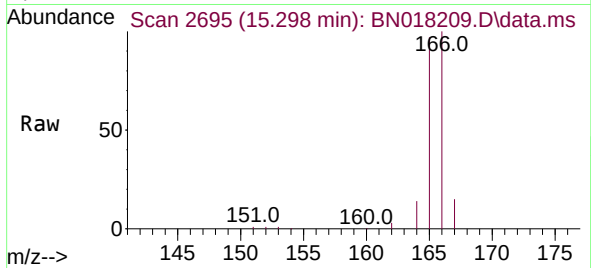




#12
Fluorene
Concen: 0.541 ng/ul
RT: 15.298 min Scan# 20584
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

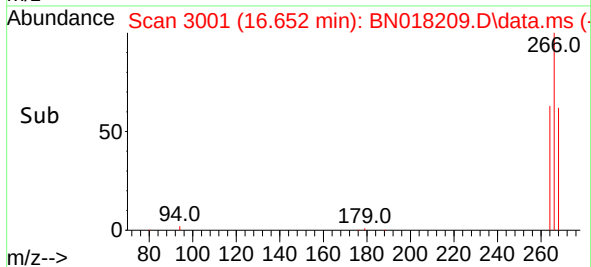
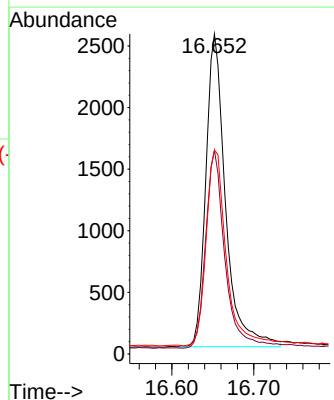
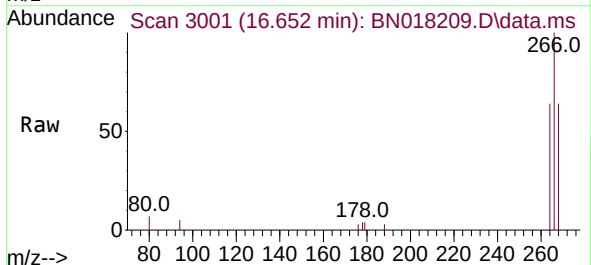
Instrument :
BNA_N
ClientSampleId :

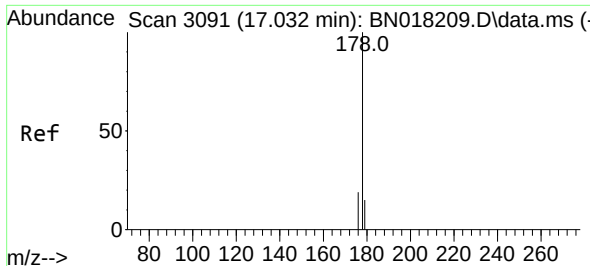
Tgt Ion:166 Resp: 20584
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 14.5 11.6 17.4



#14
Pentachlorophenol
Concen: 1.068 ng/ul
RT: 16.652 min Scan# 3001
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:266 Resp: 4238
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 64.6 51.7 77.5

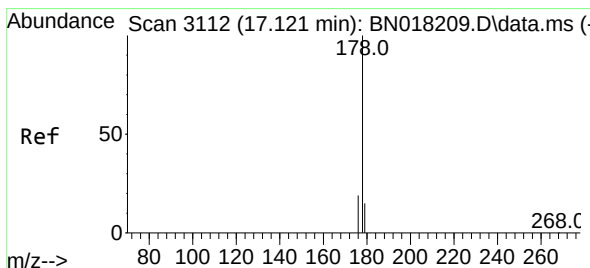
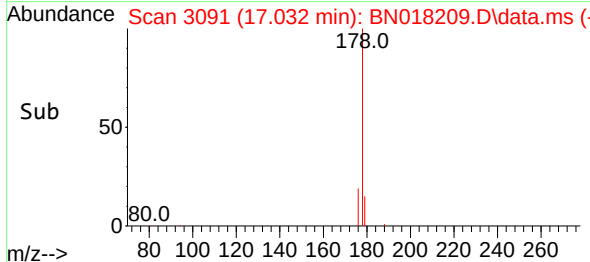
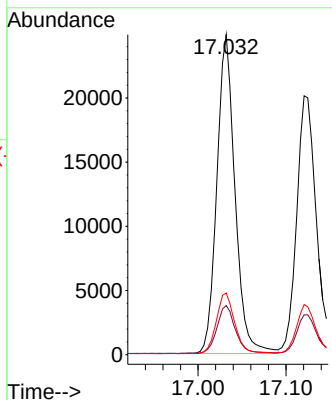
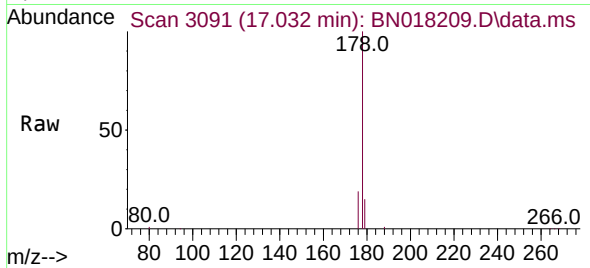




#15
Phenanthrene
Concen: 0.517 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

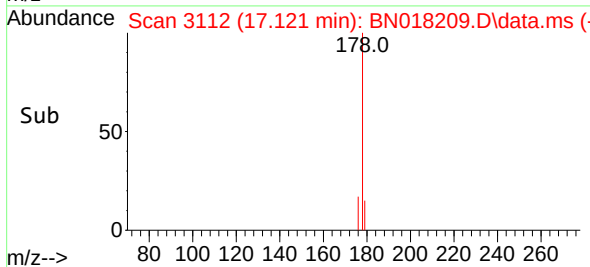
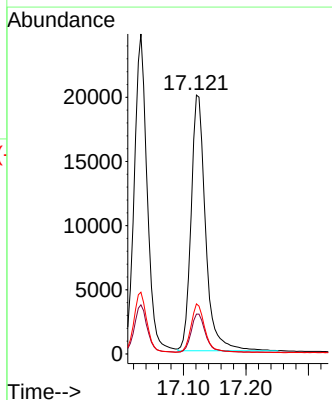
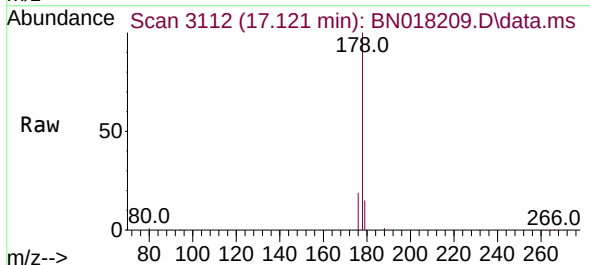
Instrument :
BNA_N
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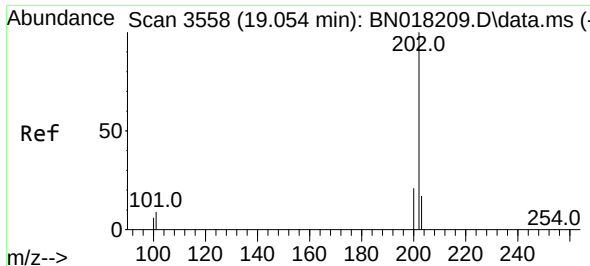
Tgt Ion:178 Resp: 35632
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.572 ng/ul
RT: 17.121 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:178 Resp: 31927
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.4 15.5 23.3

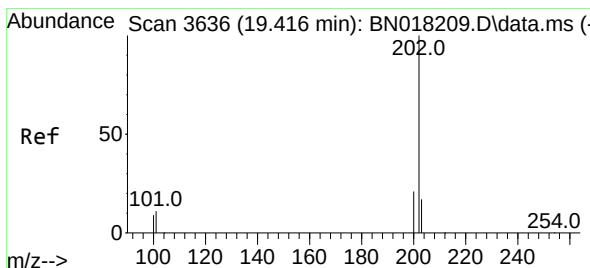
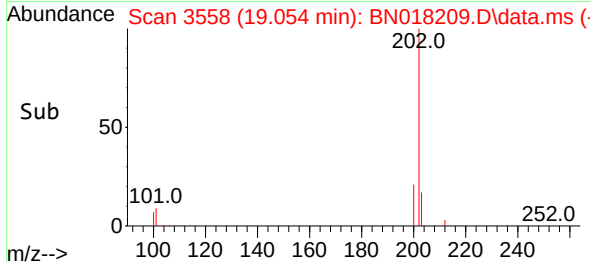
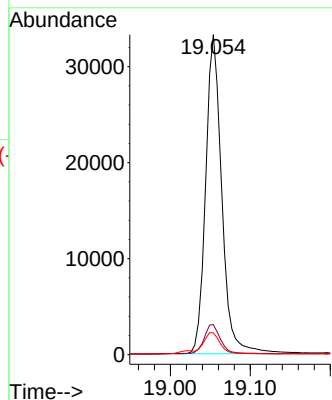
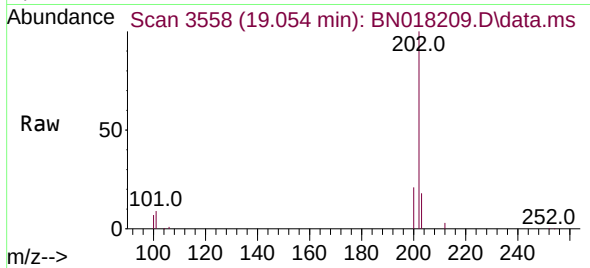




#19
Fluoranthene
Concen: 0.529 ng/ul
RT: 19.054 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

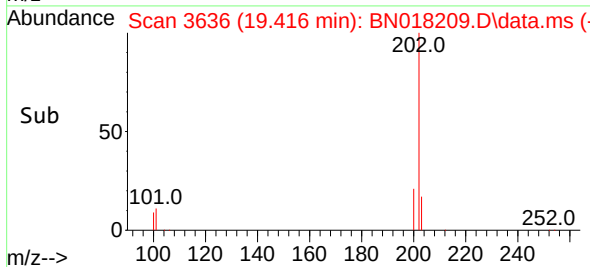
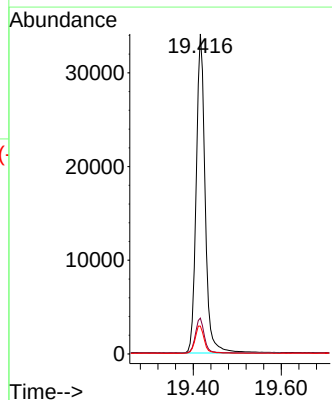
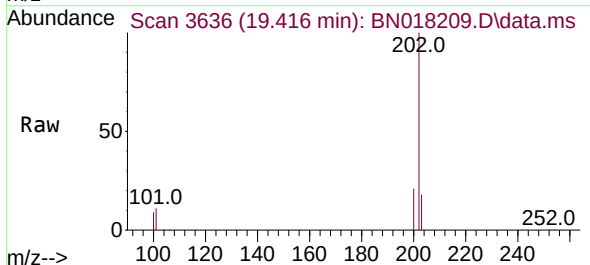
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BNA_N
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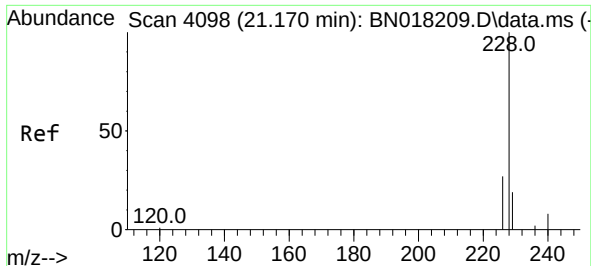
Tgt Ion:202 Resp: 46555
Ion Ratio Lower Upper
202 100
101 9.4 7.5 11.3
100 6.8 5.4 8.2



#20
Pyrene
Concen: 0.523 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:202 Resp: 48156
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.4
100 8.7 7.0 10.4

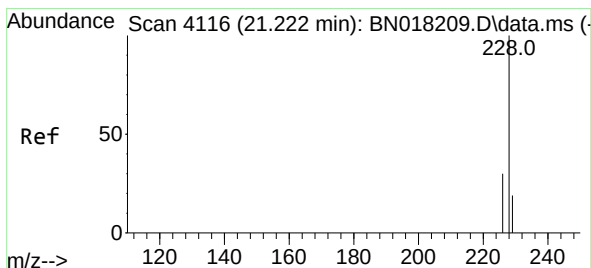
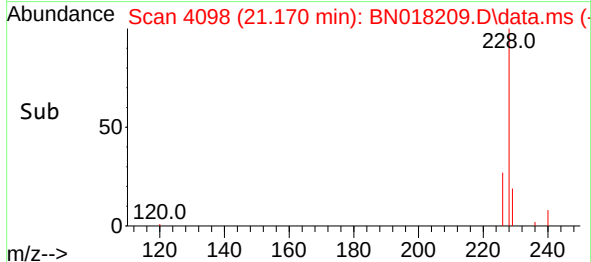
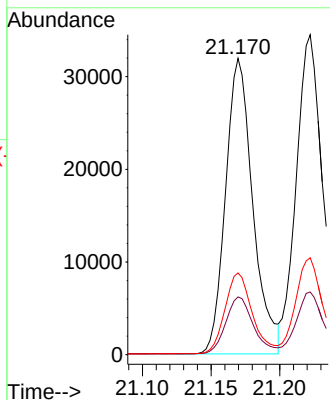
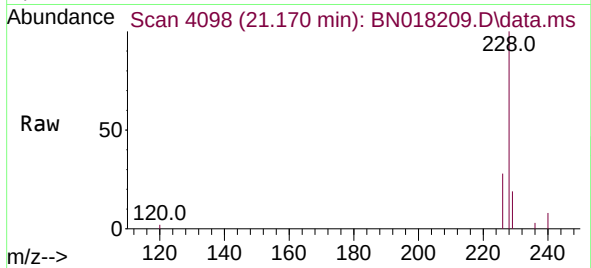




#21
Benzo(a)anthracene
Concen: 0.579 ng/ul
RT: 21.170 min Scan# 4098
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

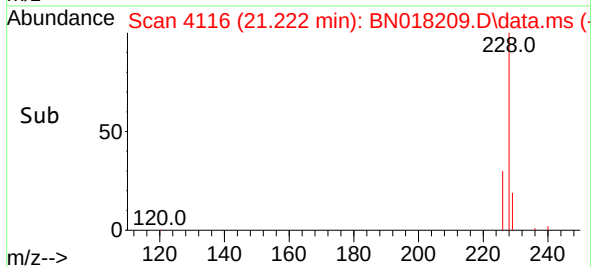
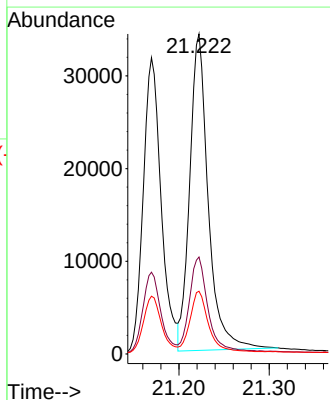
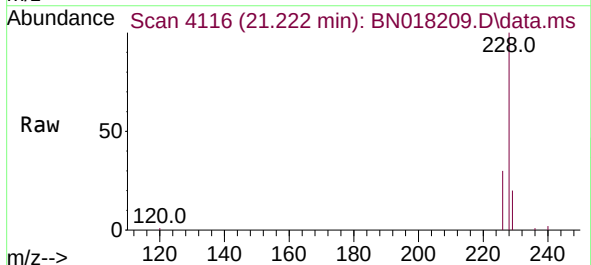
Instrument :
BNA_N
ClientSampleId :

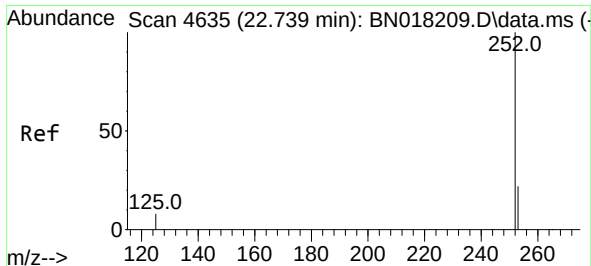
Tgt Ion:228 Resp: 44162
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.520 ng/ul
RT: 21.222 min Scan# 4116
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:228 Resp: 48549
Ion Ratio Lower Upper
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226 30.3 24.2 36.4
229 19.6 15.7 23.5

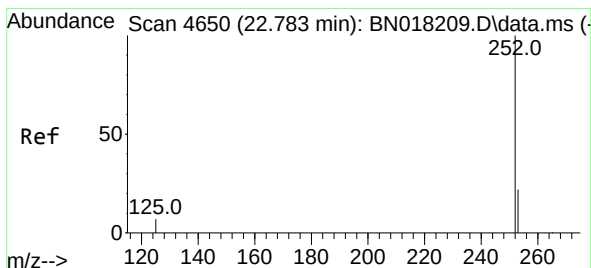
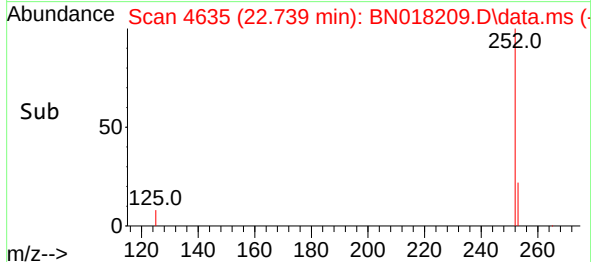
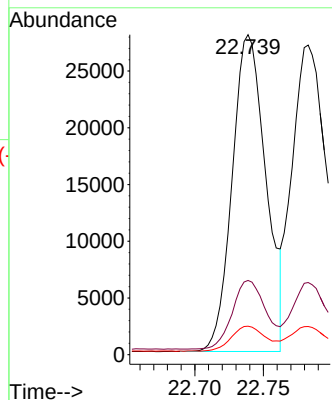
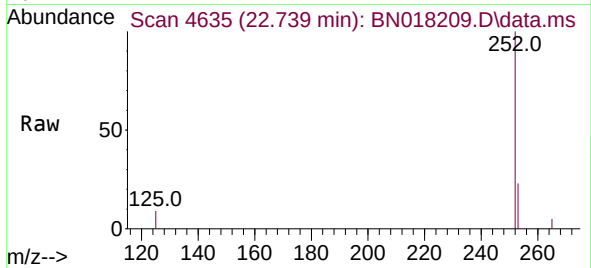




#24
Benzo(b)fluoranthene
Concen: 0.568 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

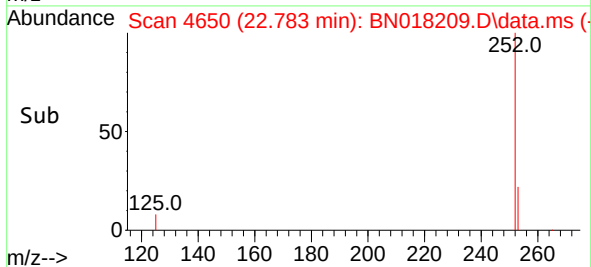
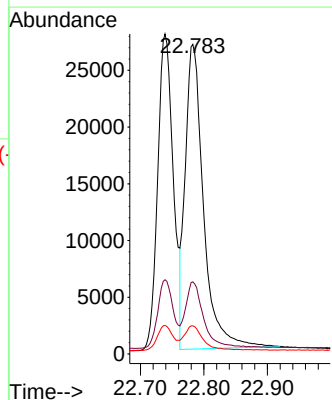
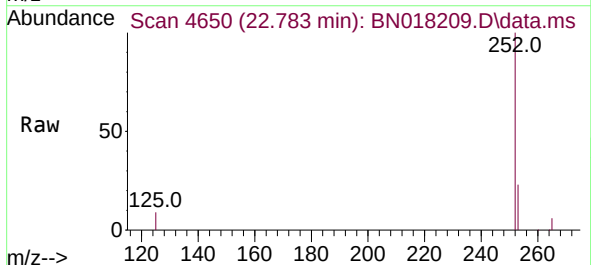
Instrument :
BNA_N
ClientSampleId :

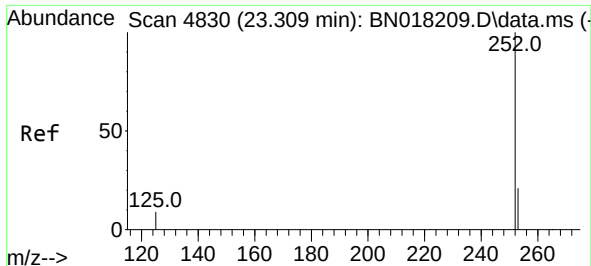
Tgt Ion:252 Resp: 47739
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.4
125 8.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.512 ng/ul
RT: 22.783 min Scan# 4650
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:252 Resp: 53592
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 9.1 7.3 10.9

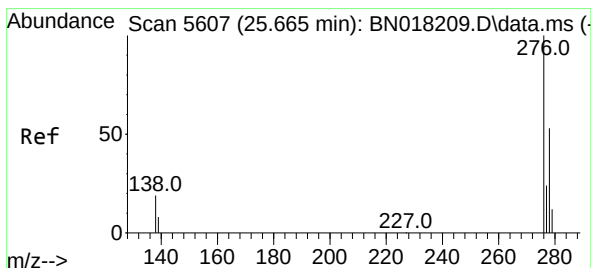
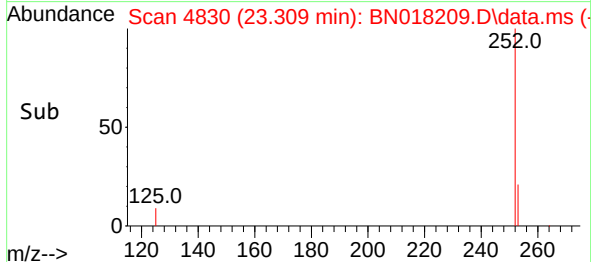
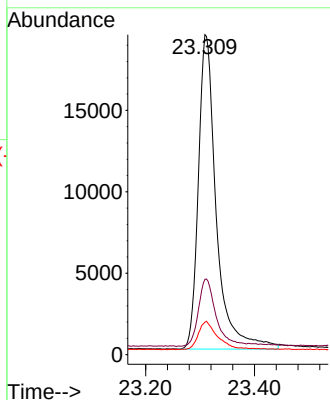
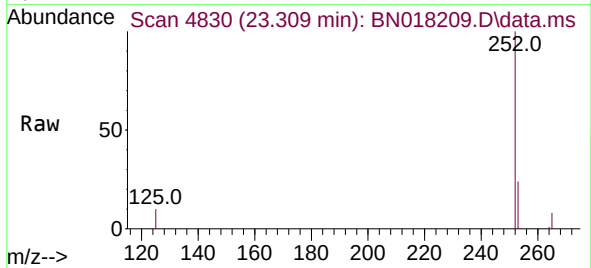




#26
Benzo(a)pyrene
Concen: 0.558 ng/ul
RT: 23.309 min Scan# 4830
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

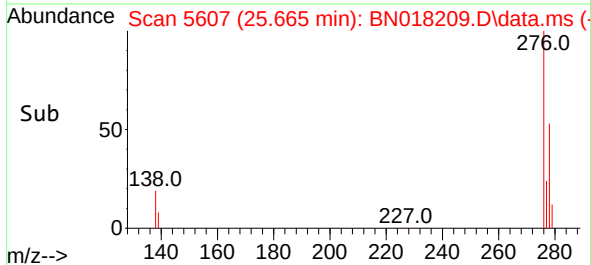
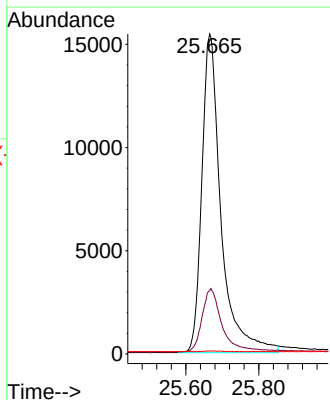
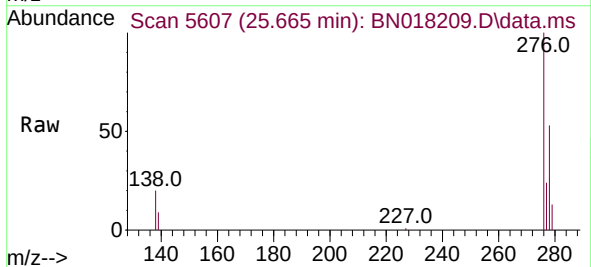
Instrument :
BNA_N
ClientSampleId :

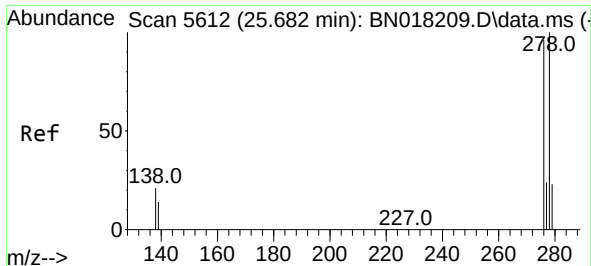
Tgt Ion:252 Resp: 44346
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 10.2 8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.537 ng/ul
RT: 25.665 min Scan# 5607
Delta R.T. 0.000 min
Lab File: BN018209.D
Acq: 27 Dec 2021 18:39

Tgt Ion:276 Resp: 56327
Ion Ratio Lower Upper
276 100
138 20.6 16.5 24.7
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.546 ng/ul

RT: 25.682 min Scan# 5612

Delta R.T. 0.000 min

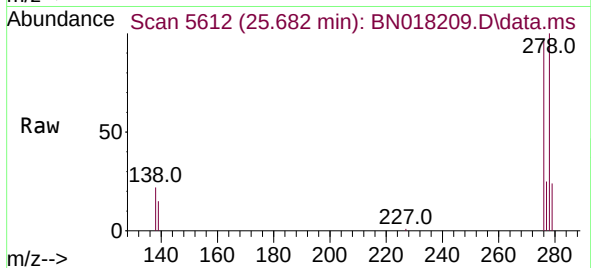
Lab File: BN018209.D

Acq: 27 Dec 2021 18:39

Instrument :

BNA_N

ClientSampleId :



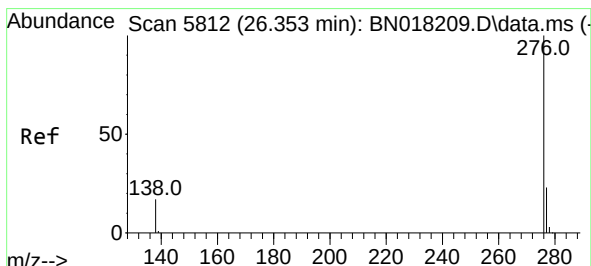
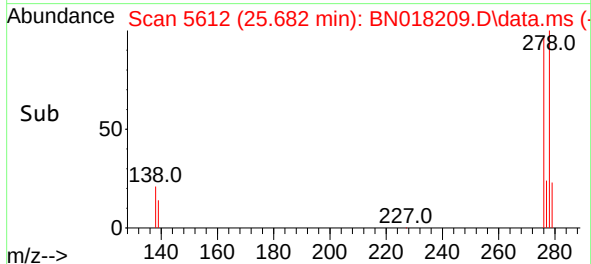
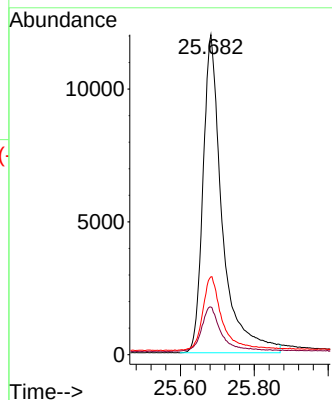
Tgt Ion:278 Resp: 43327

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

279 24.4 19.5 29.3



#29

Benzo(g,h,i)perylene

Concen: 0.568 ng/ul

RT: 26.353 min Scan# 5812

Delta R.T. 0.000 min

Lab File: BN018209.D

Acq: 27 Dec 2021 18:39

Tgt Ion:276 Resp: 49100

Ion Ratio Lower Upper

276 100

138 18.0 14.4 21.6

277 24.0 19.2 28.8

