

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021816.D
 Acq On : 19 Sep 2022 23:12
 Operator : CG/JU
 Sample : PB147719BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS719

Quant Time: Sep 20 00:27:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

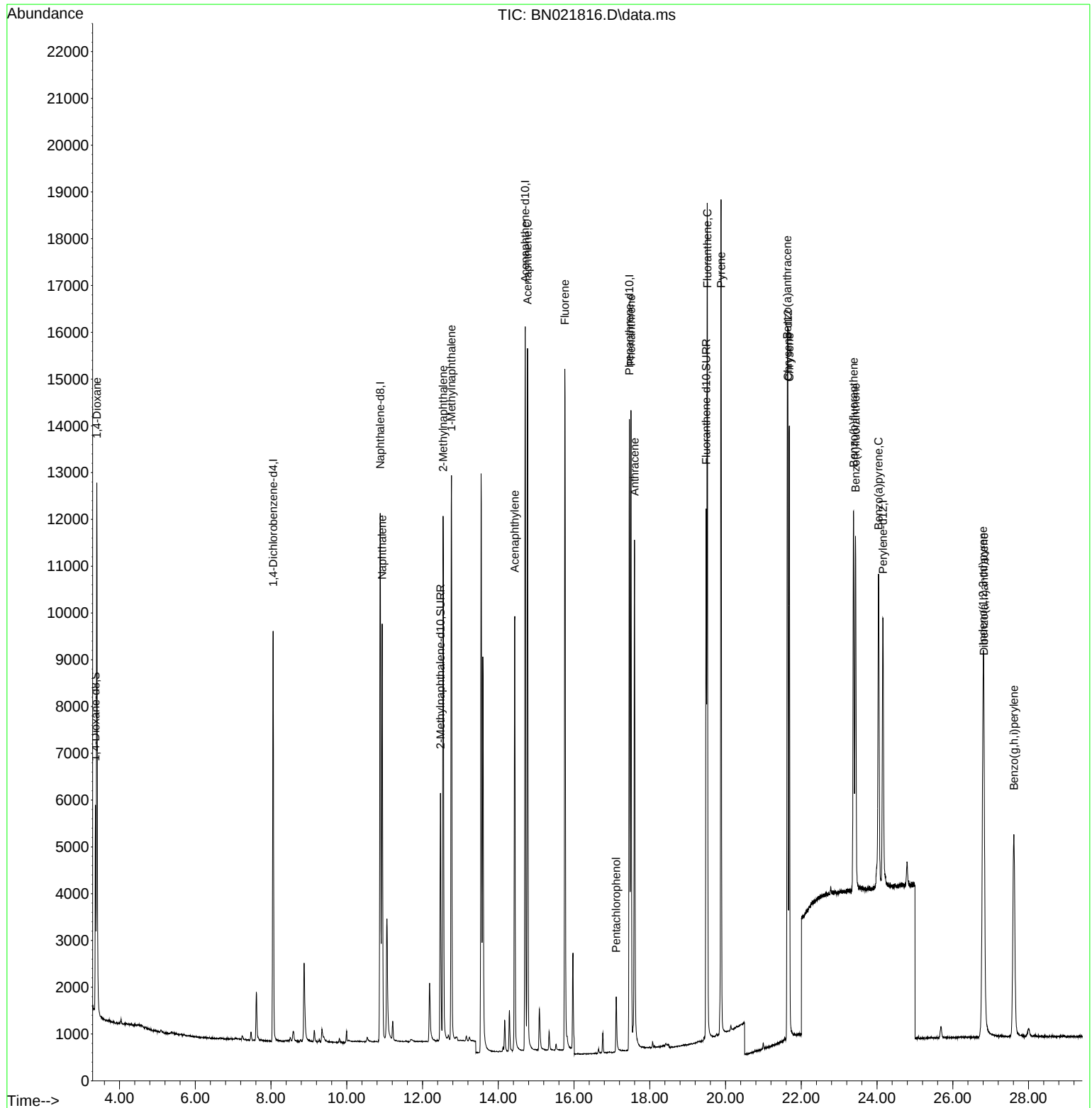
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	15779	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.712	164	8897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16887	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	10252	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	8582	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	2939	0.509	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.473	152	7281	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	12526	0.328	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	8230	1.389	ng/ul#	88
5) Naphthalene	10.933	128	12763	0.287	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	8318	0.288	ng/ul	98
8) 1-Methylnaphthalene	12.764	142	8646	0.292	ng/ul	99
10) Acenaphthylene	14.435	152	11578	0.310	ng/ul	99
11) Acenaphthene	14.772	153	8922	0.282	ng/ul	100
12) Fluorene	15.758	166	10007	0.282	ng/ul	99
14) Pentachlorophenol	17.114	266	1003	0.307	ng/ul	99
15) Phenanthrene	17.502	178	15373	0.289	ng/ul	100
16) Anthracene	17.595	178	13384	0.303	ng/ul	99
19) Fluoranthene	19.520	202	15522	0.324	ng/ul	99
20) Pyrene	19.882	202	15402	0.326	ng/ul	97
21) Benzo(a)anthracene	21.630	228	11642	0.339	ng/ul	99
22) Chrysene	21.685	228	12031	0.321	ng/ul	99
24) Benzo(b)fluoranthene	23.381	252	11540	0.277	ng/ul	88
25) Benzo(k)fluoranthene	23.430	252	10747	0.266	ng/ul#	88
26) Benzo(a)pyrene	24.038	252	10700	0.339	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.797	276	12135	0.342	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.821	278	9820	0.326	ng/ul	96
29) Benzo(g,h,i)perylene	27.612	276	10480	0.321	ng/ul	95

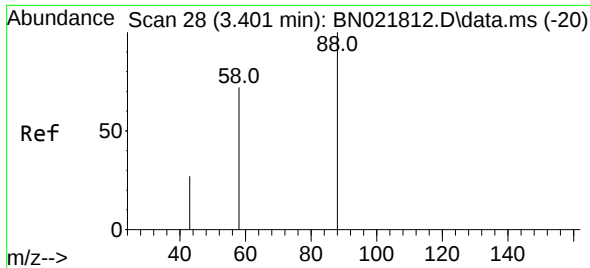
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

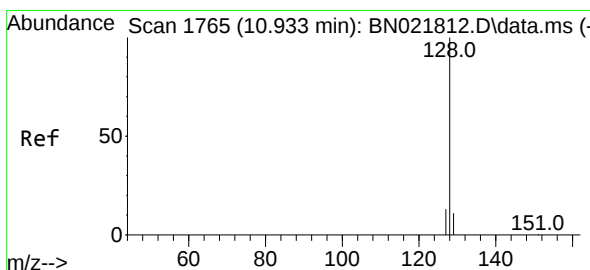
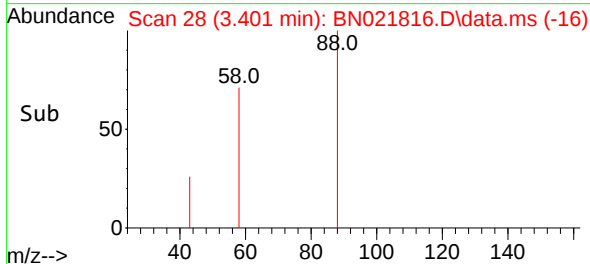
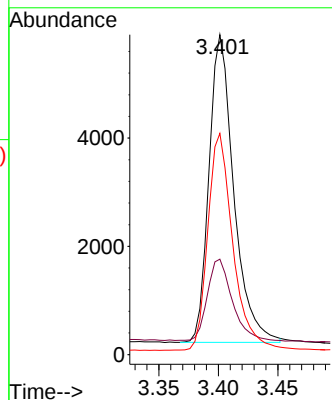
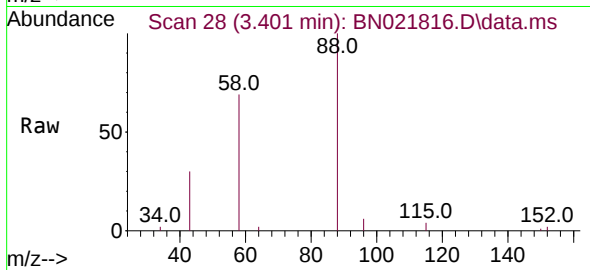




#2
1,4-Dioxane
Concen: 1.389 ng/ul
RT: 3.401 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

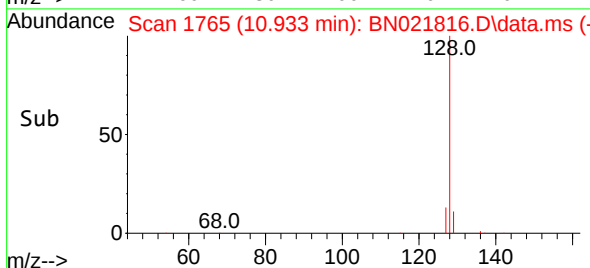
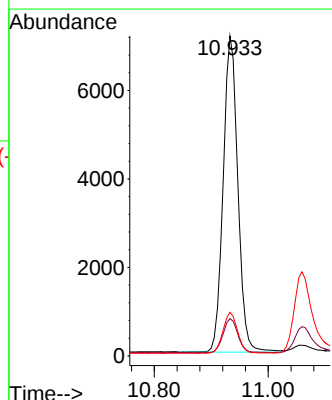
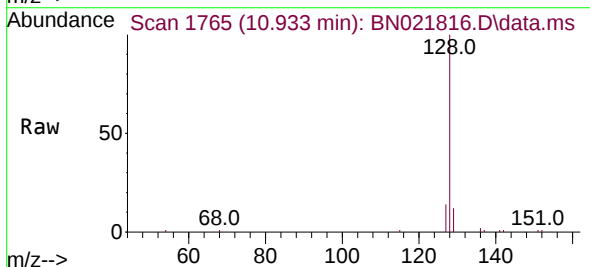
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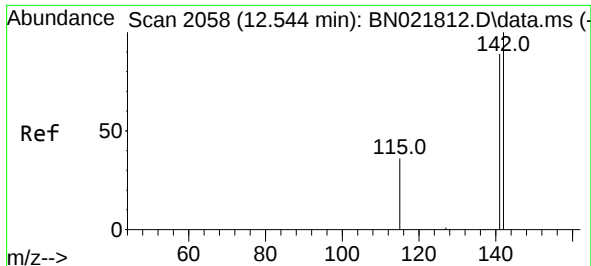
Tgt Ion: 88 Resp: 8230
Ion Ratio Lower Upper
88 100
43 29.8 31.4 47.0#
58 69.1 49.0 73.6



#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion: 128 Resp: 12763
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.6 11.6 17.4

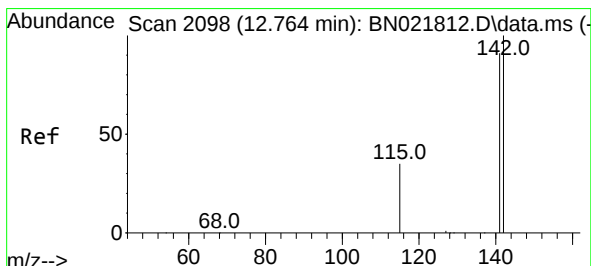
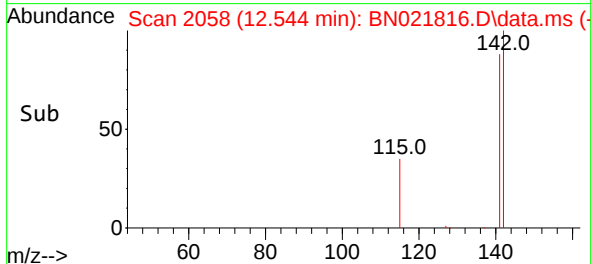
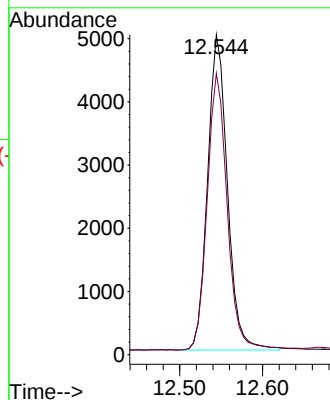
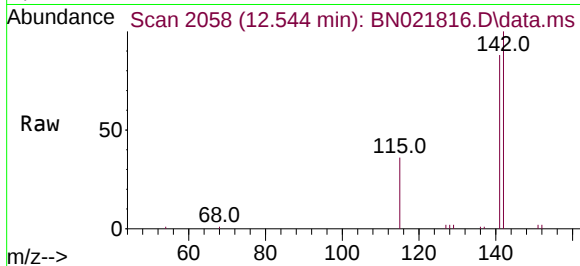




#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

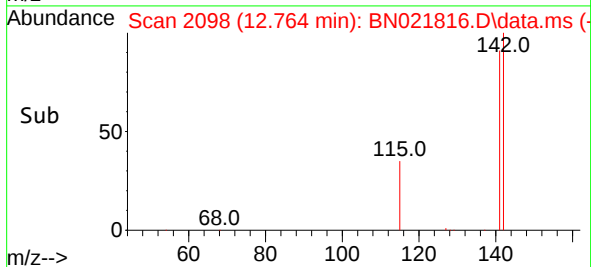
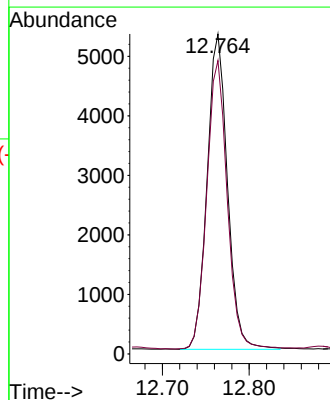
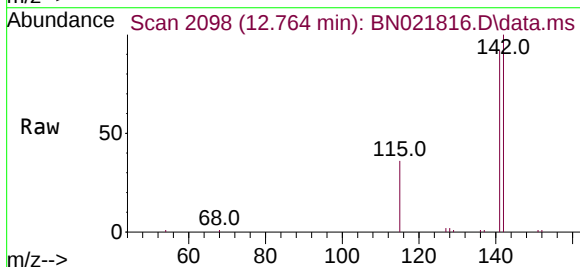
Instrument :
BNA_N
ClientSampleId :
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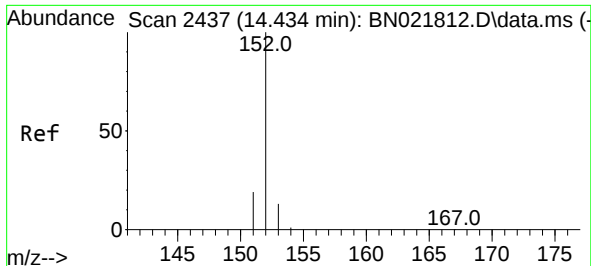
Tgt Ion:142 Resp: 8318
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:142 Resp: 8646
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

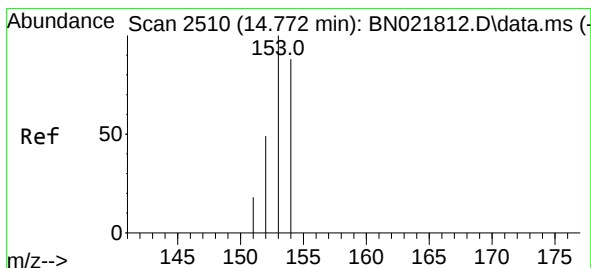
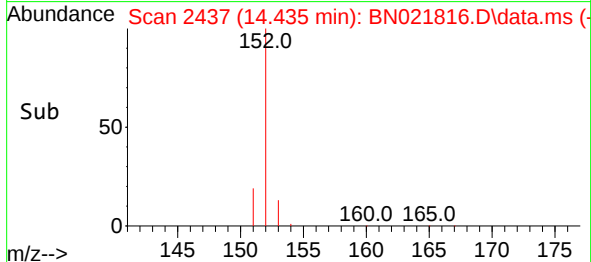
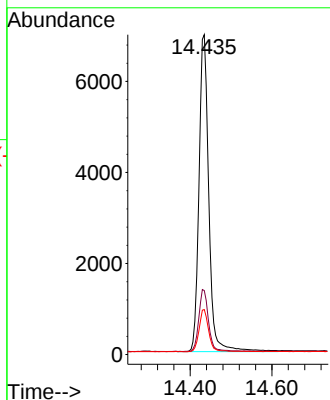
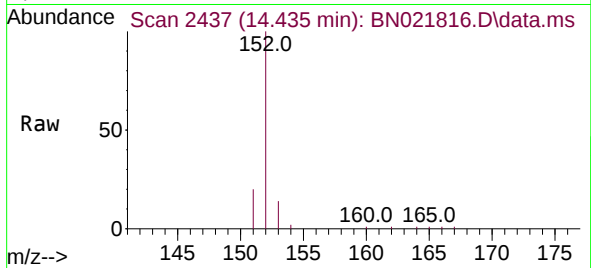




#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.435 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

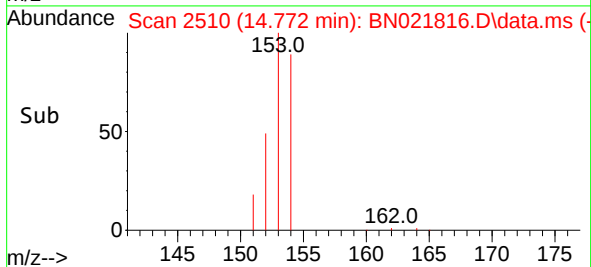
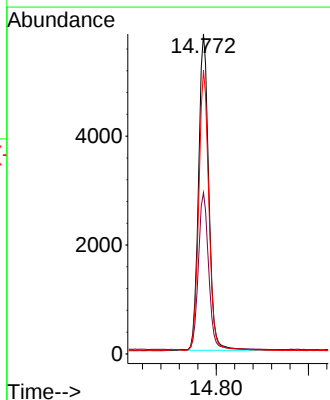
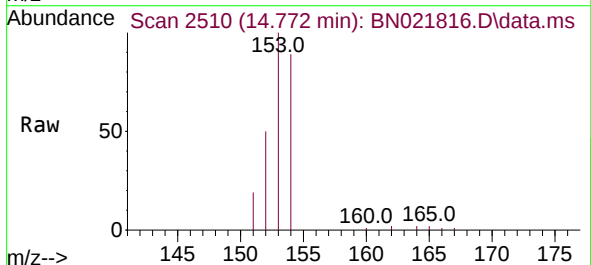
Instrument :
BNA_N
ClientSampleId :
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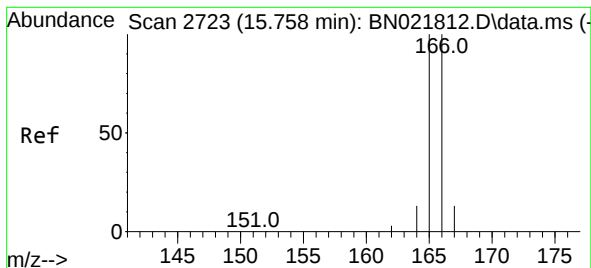
Tgt Ion:152 Resp: 11578
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:153 Resp: 8922
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 88.6 70.7 106.1





#12

Fluorene

Concen: 0.282 ng/ul

RT: 15.758 min Scan# 2723

Delta R.T. -0.000 min

Lab File: BN021816.D

Acq: 19 Sep 2022 23:12

Instrument :

BNA_N

ClientSampleId :

SLCS719

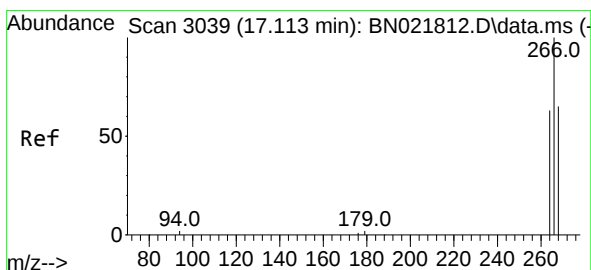
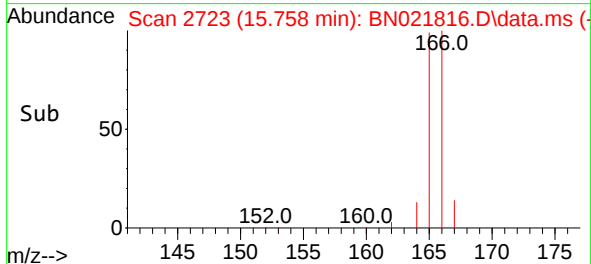
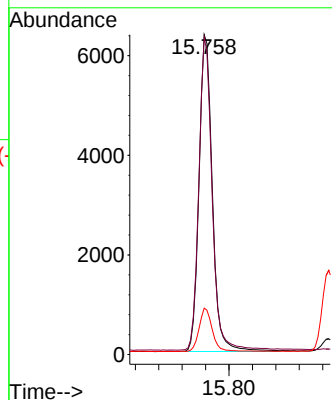
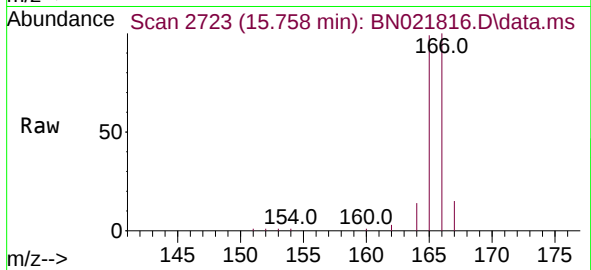
Tgt Ion:166 Resp: 10007

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

167 14.5 11.8 17.6



#14

Pentachlorophenol

Concen: 0.307 ng/ul

RT: 17.114 min Scan# 3039

Delta R.T. 0.004 min

Lab File: BN021816.D

Acq: 19 Sep 2022 23:12

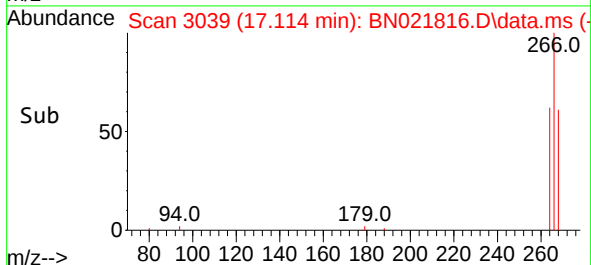
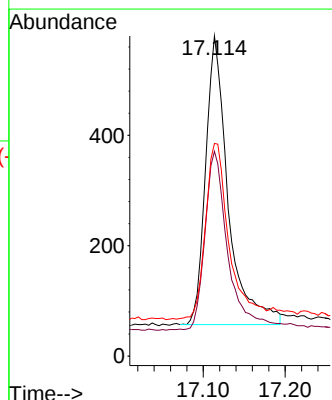
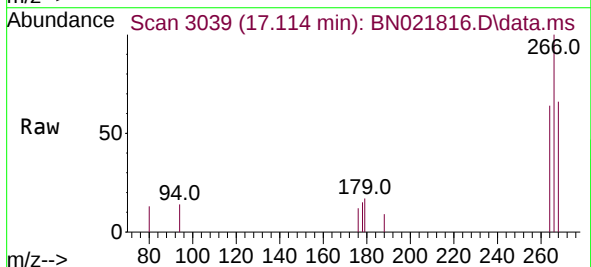
Tgt Ion:266 Resp: 1003

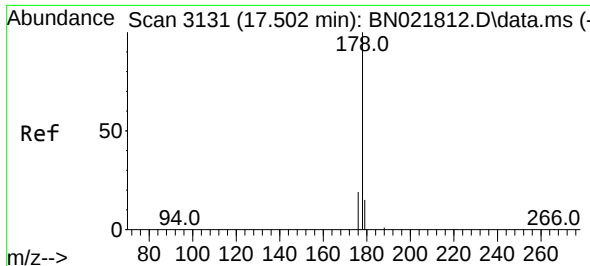
Ion Ratio Lower Upper

266 100

264 63.1 49.8 74.8

268 64.4 50.6 75.8

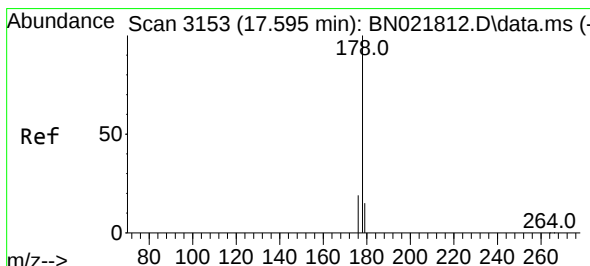
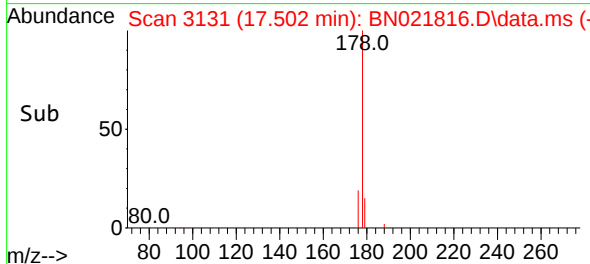
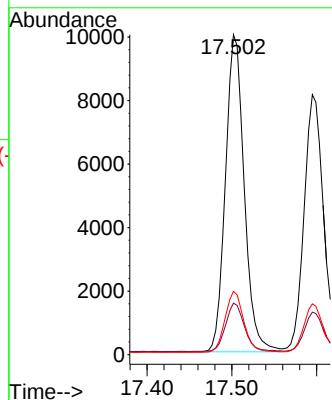
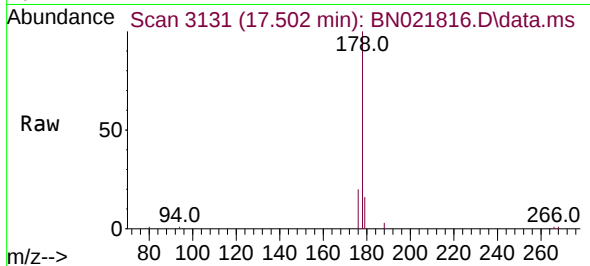




#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

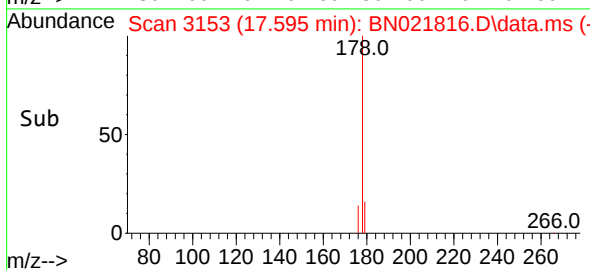
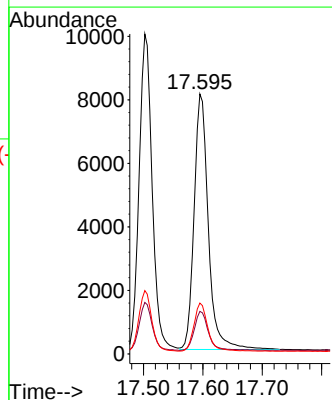
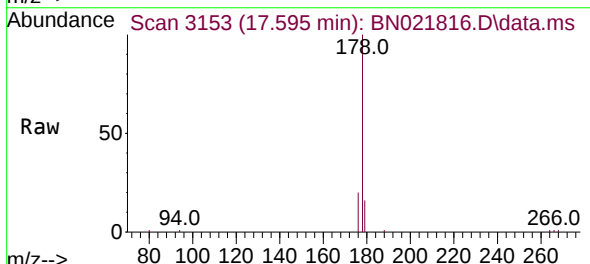
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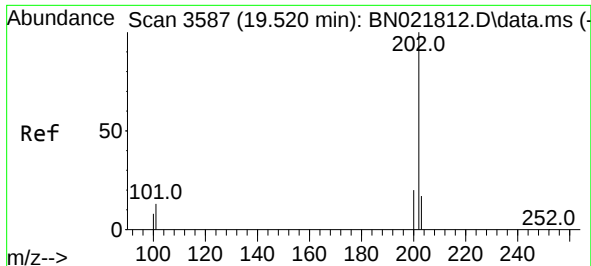
Tgt Ion:178 Resp: 15373
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:178 Resp: 13384
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.5 15.9 23.9

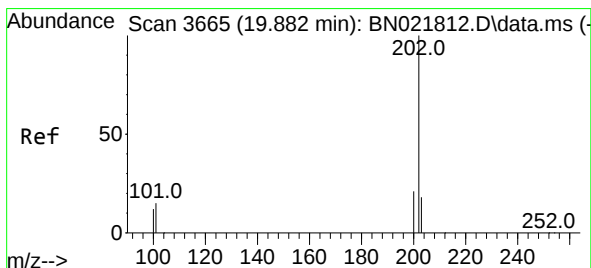
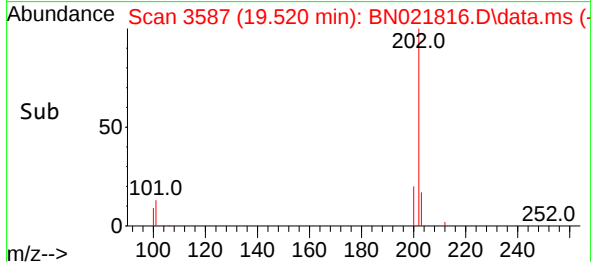
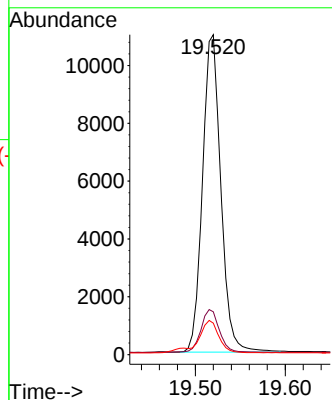
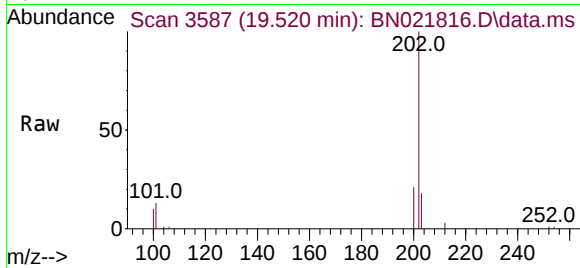




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.520 min Scan# 3587
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

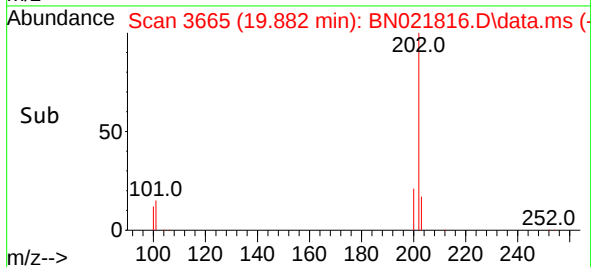
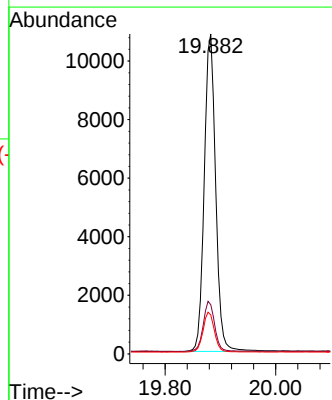
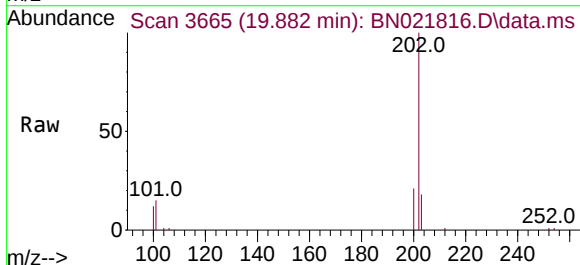
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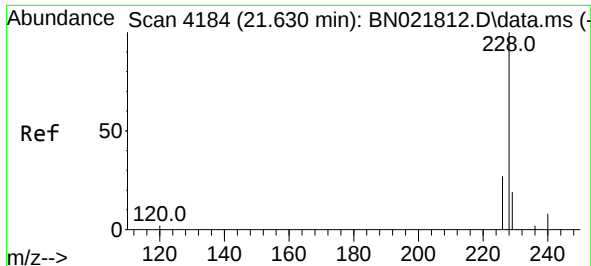
Tgt Ion:202 Resp: 15522
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 9.8 8.0 12.0



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:202 Resp: 15402
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.2 9.0 13.4

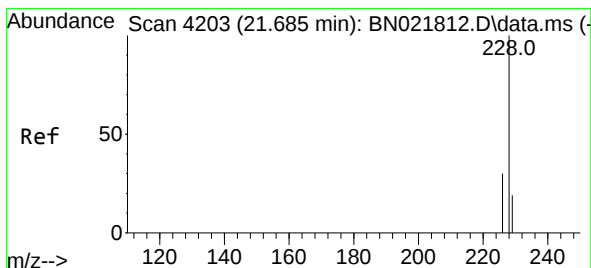
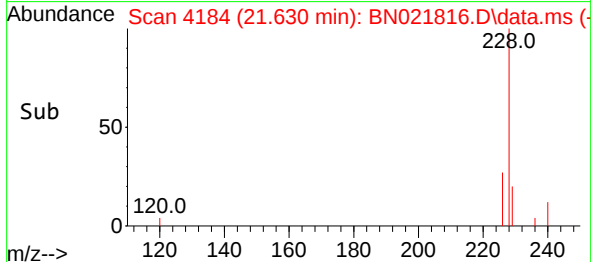
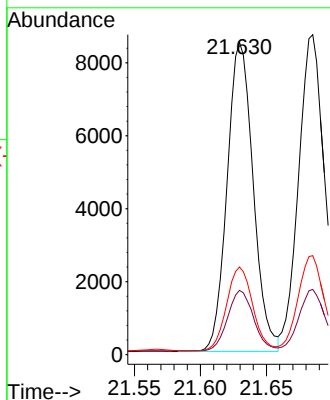
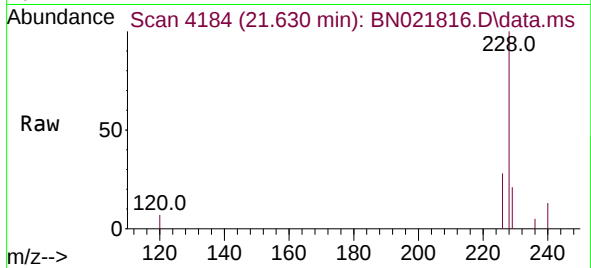




#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.630 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

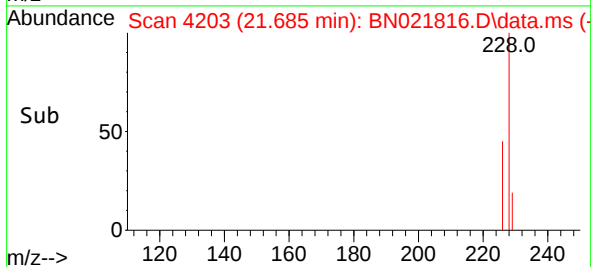
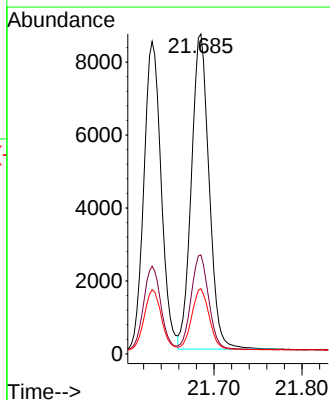
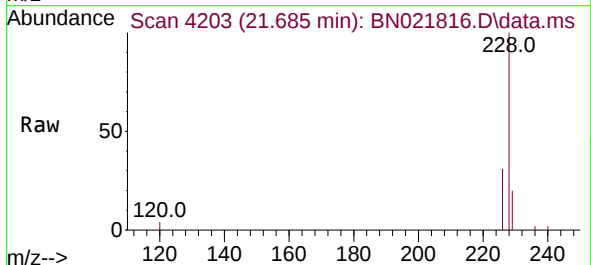
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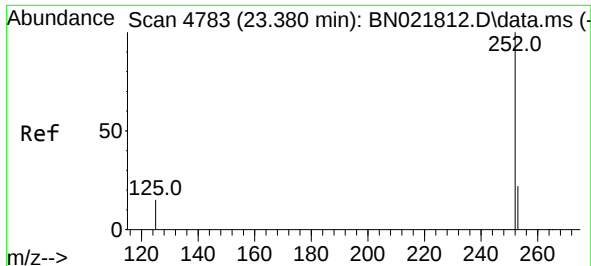
Tgt Ion:228 Resp: 11642
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.321 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:228 Resp: 12031
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.4 15.8 23.8

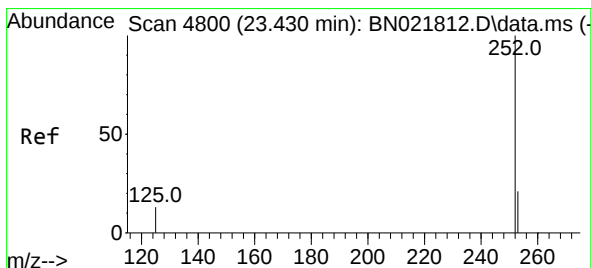
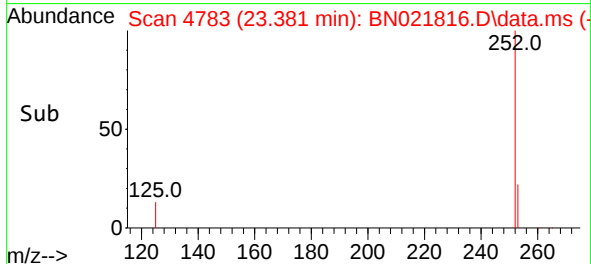
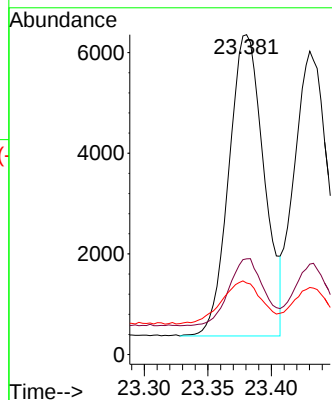
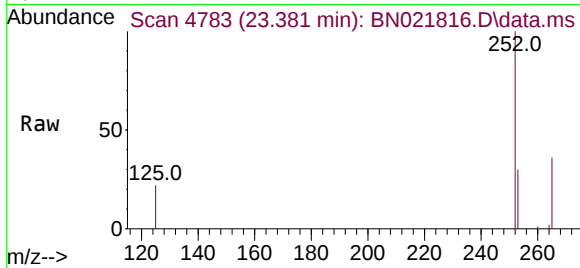




#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 23.381 min Scan# 4783
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

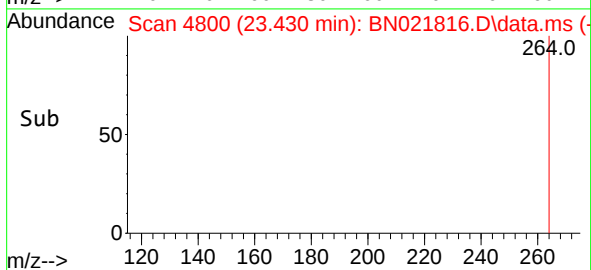
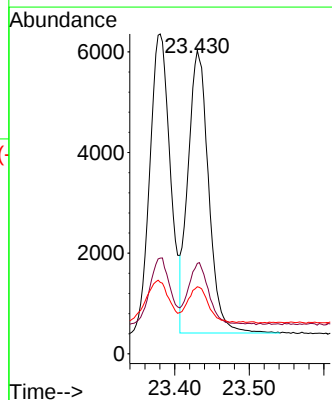
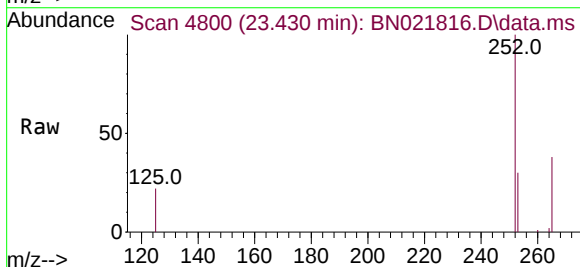
Instrument :
BNA_N
ClientSampleId :
SLCS719

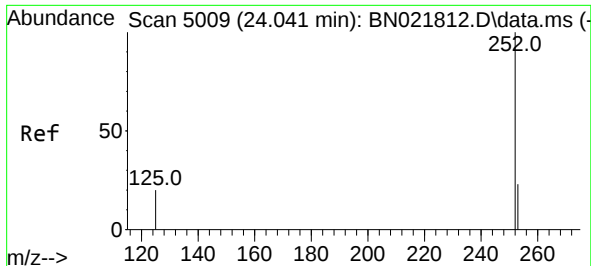
Tgt Ion:252 Resp: 11540
Ion Ratio Lower Upper
252 100
253 29.9 0.0 50.8
125 22.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:252 Resp: 10747
Ion Ratio Lower Upper
252 100
253 29.8 20.6 31.0
125 22.1 11.8 17.6#

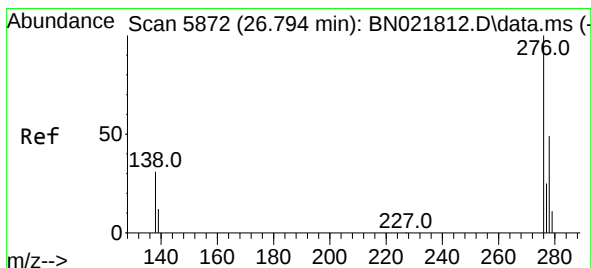
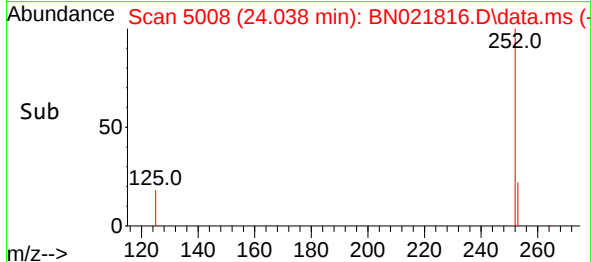
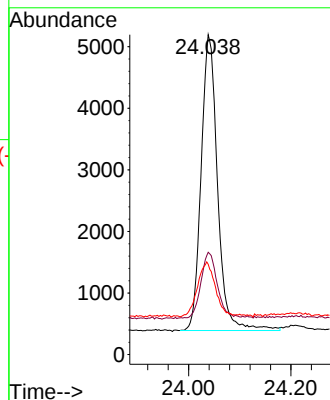
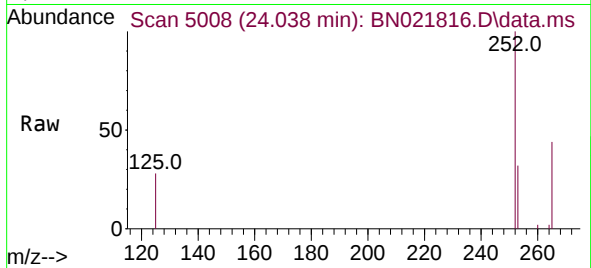




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 24.038 min Scan# 5008
Delta R.T. -0.003 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

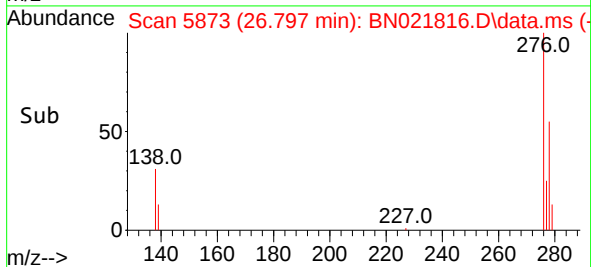
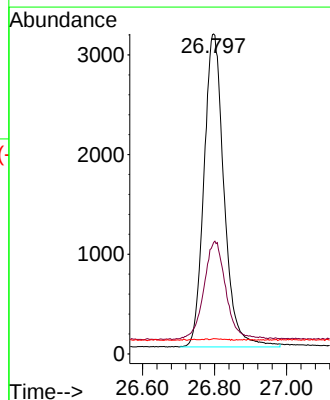
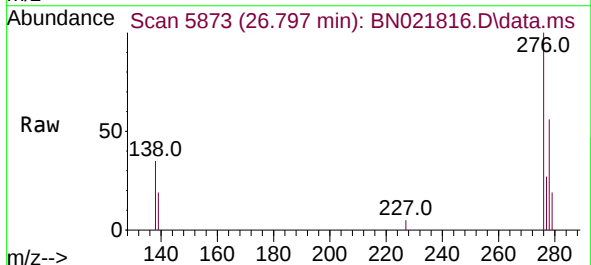
Instrument :
BNA_N
ClientSampleId :
SLCS719

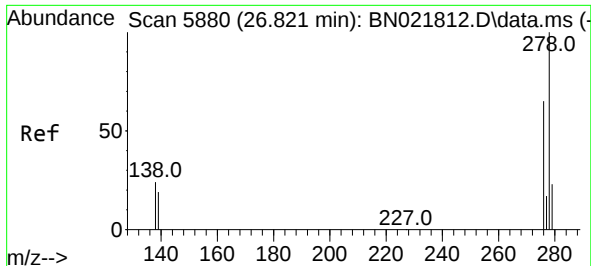
Tgt Ion:252 Resp: 10700
Ion Ratio Lower Upper
252 100
253 32.0 22.1 33.1
125 28.2 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:276 Resp: 12135
Ion Ratio Lower Upper
276 100
138 34.4 26.1 39.1
227 0.4 0.1 0.1#

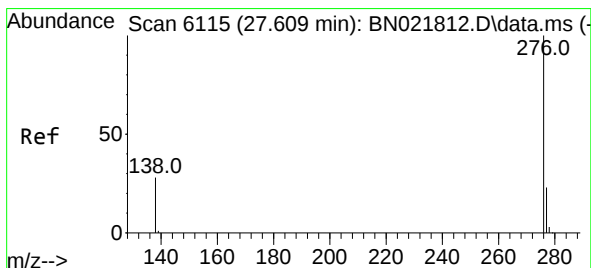
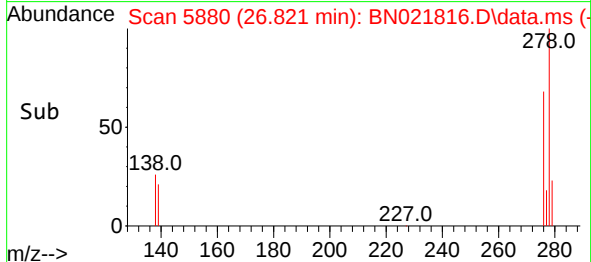
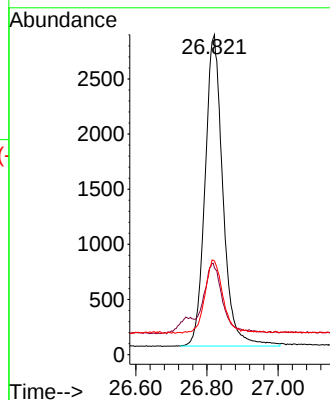
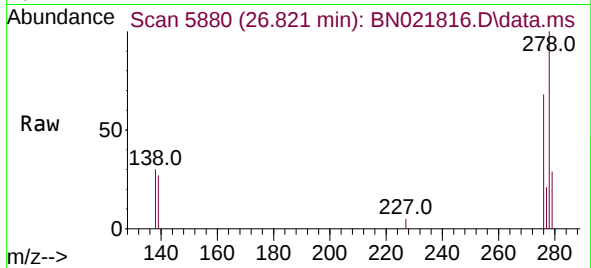




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.821 min Scan# 5880
Delta R.T. 0.003 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SLCS719

Tgt Ion:278 Resp: 9820
Ion Ratio Lower Upper
278 100
139 27.1 18.3 27.5
279 29.3 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 27.612 min Scan# 6116
Delta R.T. 0.003 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:276 Resp: 10480
Ion Ratio Lower Upper
276 100
138 32.6 22.6 34.0
277 26.0 20.2 30.2

