

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111323\
 Data File : BN028581.D
 Acq On : 13 Nov 2023 13:23
 Operator : MA/JU
 Sample : PB157056BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS056

Quant Time: Nov 13 13:52:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

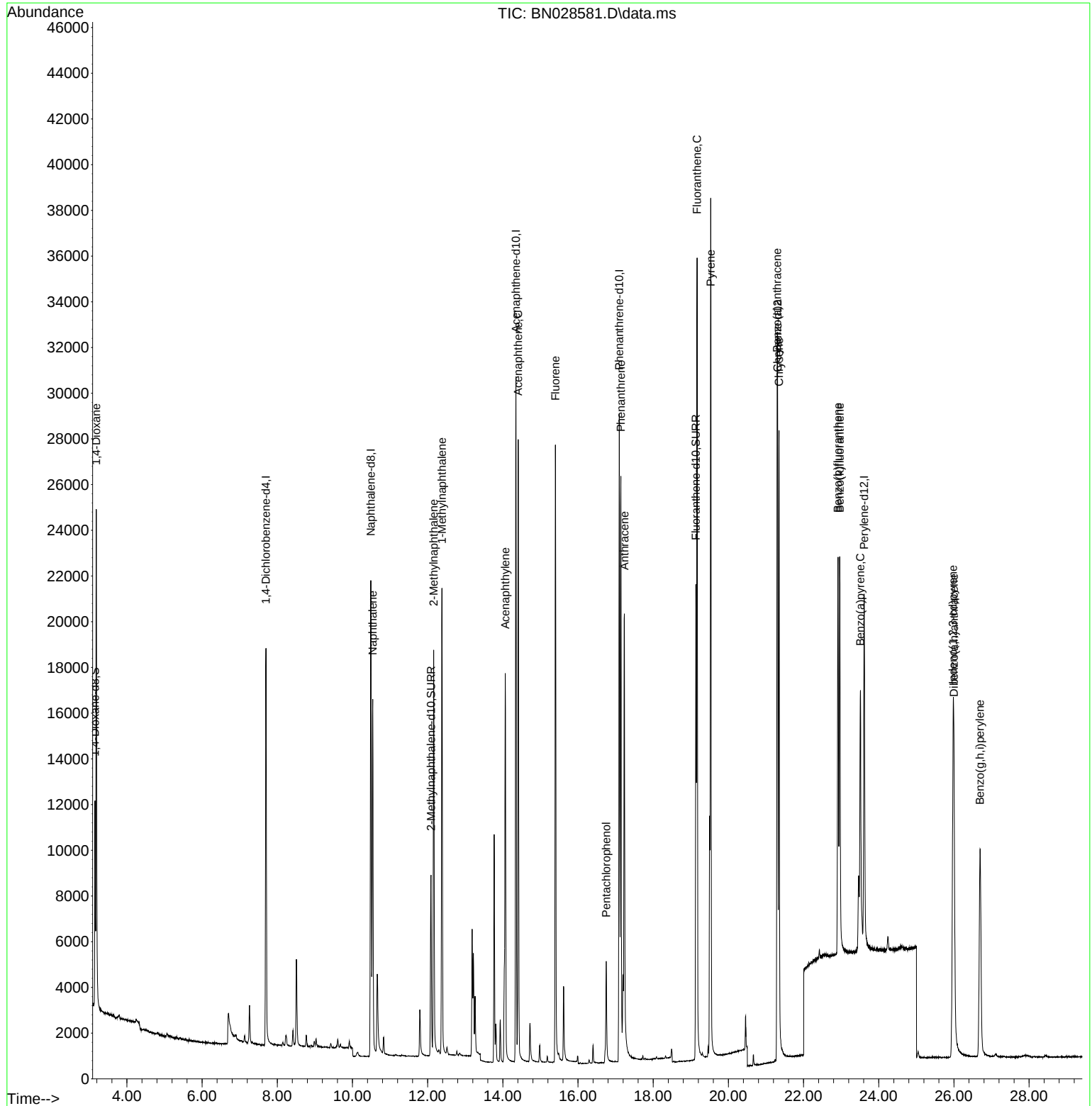
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	9360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.489	136	29130	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.348	164	16603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	34197	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	22449	0.400	ng/ul	0.00
23) Perylene-d12	23.612	264	20715	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5432	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.090	152	11196	0.255	ng/ul	0.00
18) Fluoranthene-d10	19.135	212	23358	0.323	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.184	88	13703	1.198	ng/ul#	78
5) Naphthalene	10.539	128	21382	0.262	ng/ul	99
7) 2-Methylnaphthalene	12.161	142	13239	0.246	ng/ul	99
8) 1-Methylnaphthalene	12.381	142	14280	0.261	ng/ul	99
10) Acenaphthylene	14.066	152	19760	0.238	ng/ul	99
11) Acenaphthene	14.408	153	15784	0.259	ng/ul	98
12) Fluorene	15.398	166	17550	0.247	ng/ul	99
14) Pentachlorophenol	16.751	266	3141	0.383	ng/ul	99
15) Phenanthrene	17.140	178	27612	0.263	ng/ul	100
16) Anthracene	17.233	178	23278	0.242	ng/ul	100
19) Fluoranthene	19.168	202	30278	0.317	ng/ul	98
20) Pyrene	19.530	202	31478	0.318	ng/ul	98
21) Benzo(a)anthracene	21.295	228	22778	0.257	ng/ul	99
22) Chrysene	21.347	228	24157	0.278	ng/ul	100
24) Benzo(b)fluoranthene	22.916	252	22353	0.287	ng/ul	94
25) Benzo(k)fluoranthene	22.963	252	23462	0.288	ng/ul	95
26) Benzo(a)pyrene	23.513	252	18535	0.253	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.977	276	23175	0.285	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.000	278	17994	0.276	ng/ul	97
29) Benzo(g,h,i)perylene	26.694	276	20159	0.302	ng/ul	98

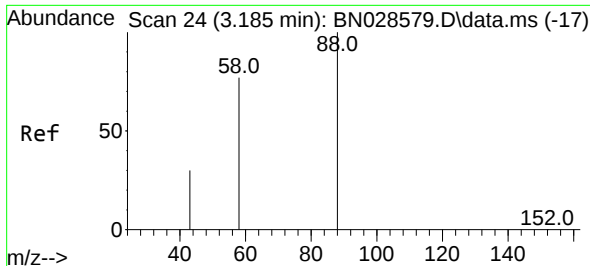
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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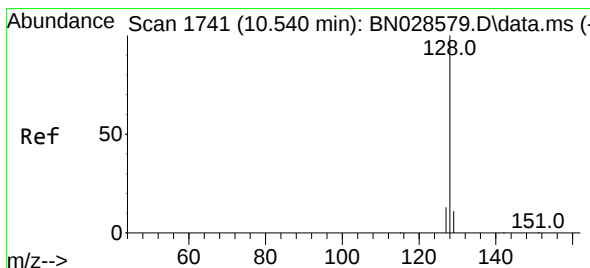
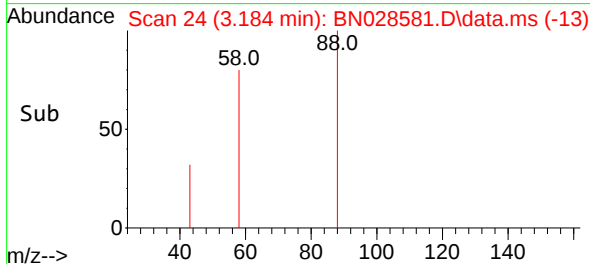
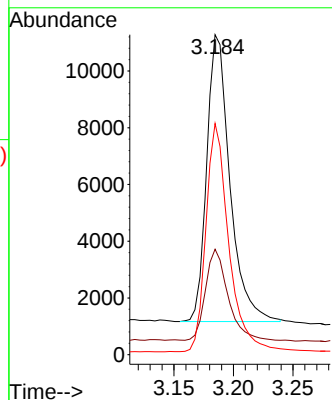
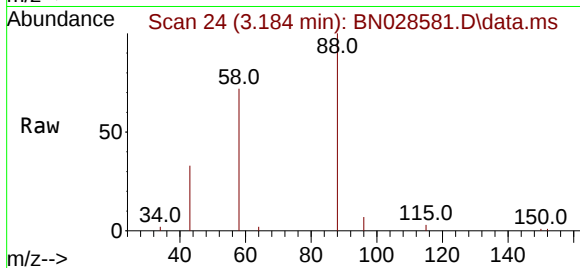




#2
1,4-Dioxane
Concen: 1.198 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

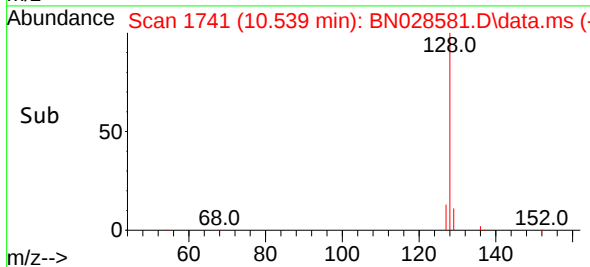
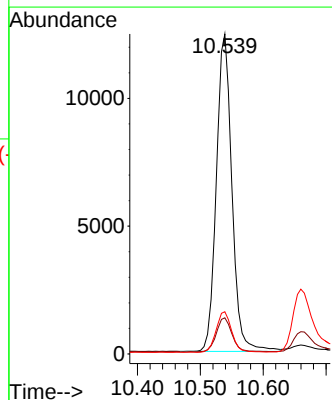
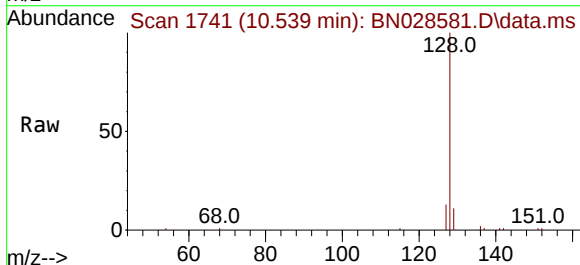
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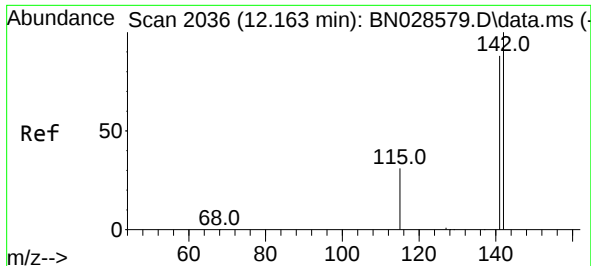
Tgt Ion: 88 Resp: 13703
Ion Ratio Lower Upper
88 100
43 32.9 32.9 49.3
58 72.3 41.8 62.8#



#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.539 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:128 Resp: 21382
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.7 16.1

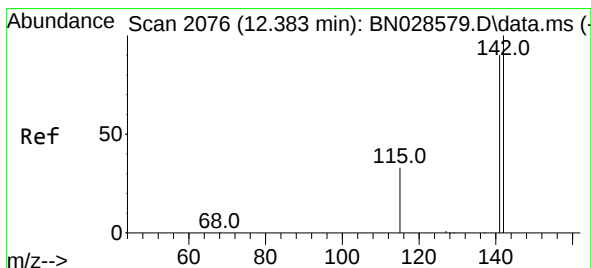
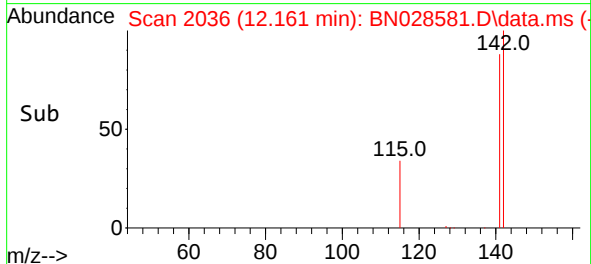
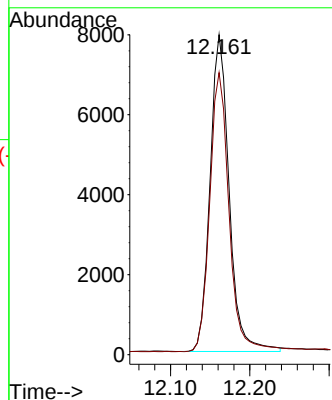
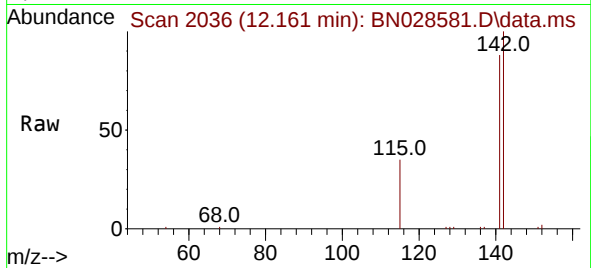




#7
2-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.161 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

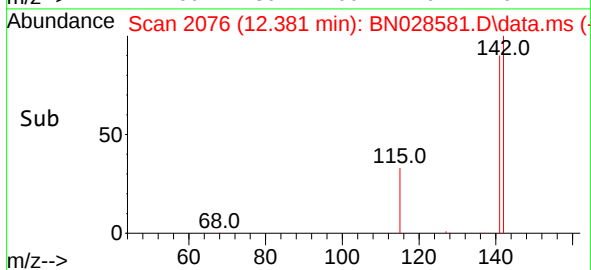
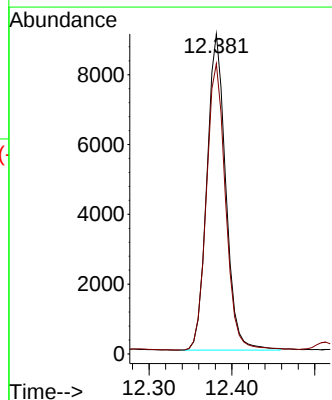
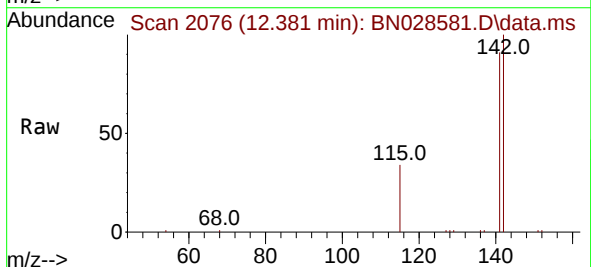
Instrument :
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ClientSampleId :
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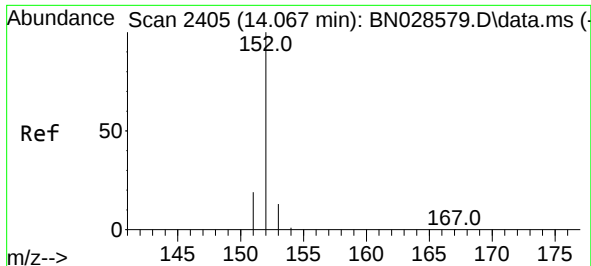
Tgt Ion:142 Resp: 13239
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.381 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:142 Resp: 14280
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

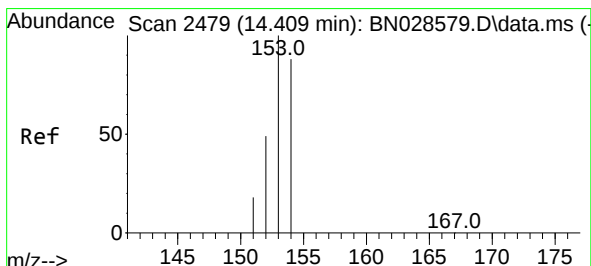
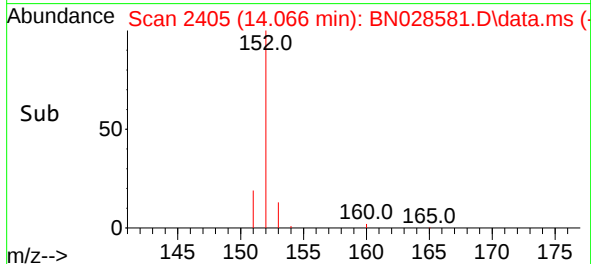
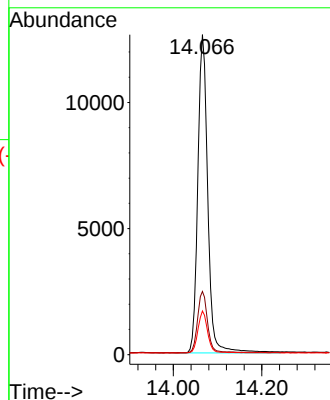
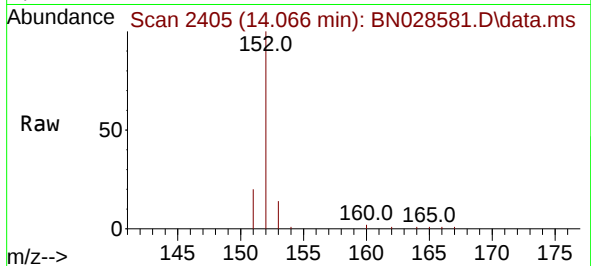




#10
Acenaphthylene
Concen: 0.238 ng/ul
RT: 14.066 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

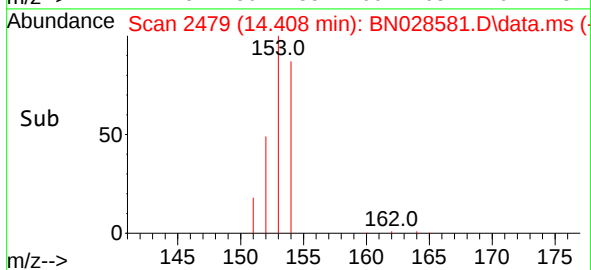
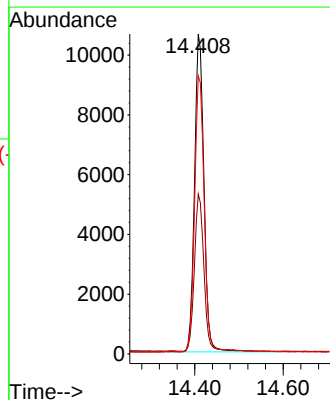
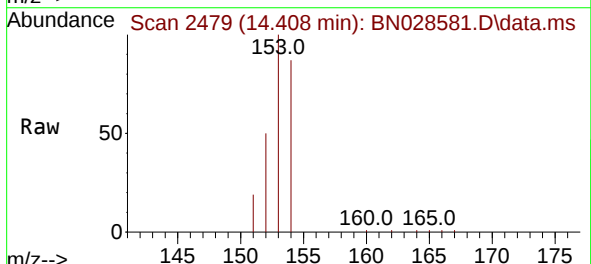
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ClientSampleId :
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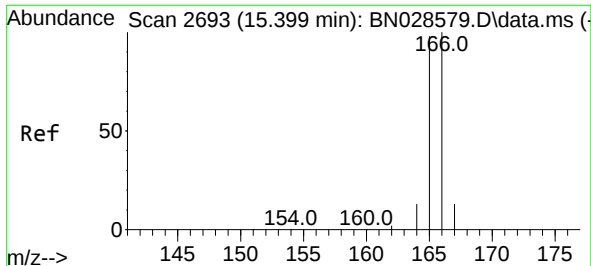
Tgt Ion:152 Resp: 19760
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.6 10.6 15.8



#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.408 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:153 Resp: 15784
Ion Ratio Lower Upper
153 100
152 50.0 39.6 59.4
154 86.9 71.0 106.6

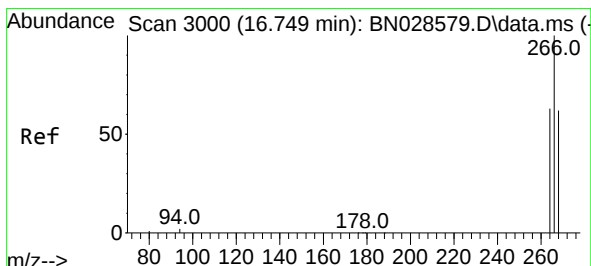
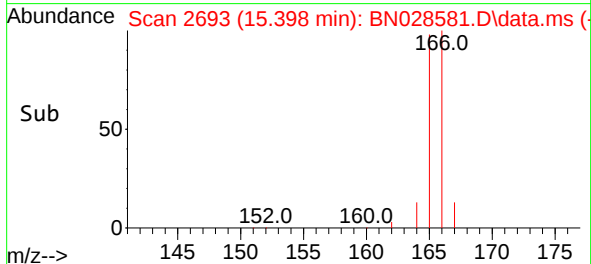
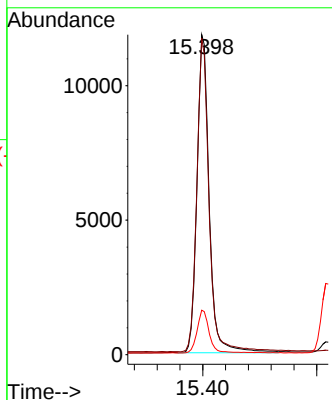
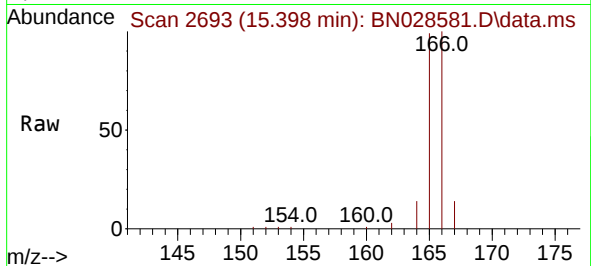




#12
 Fluorene
 Concen: 0.247 ng/ul
 RT: 15.398 min Scan# 2693
 Delta R.T. -0.009 min
 Lab File: BN028581.D
 Acq: 13 Nov 2023 13:23

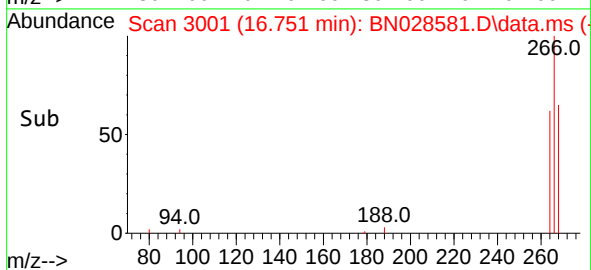
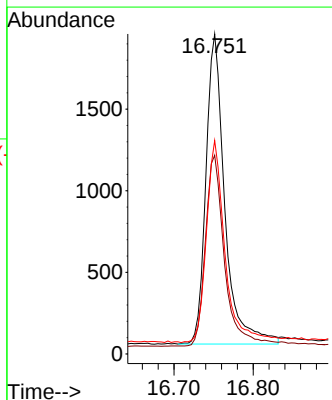
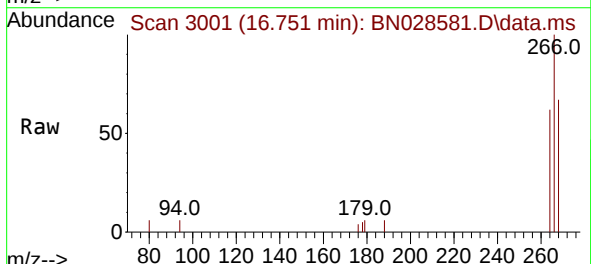
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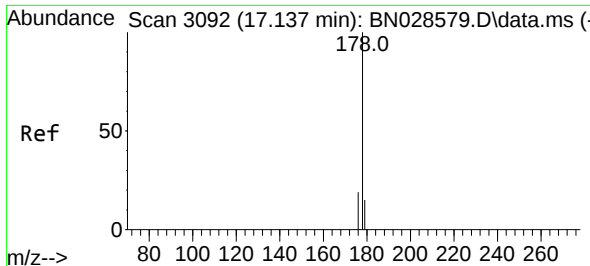
Tgt Ion:166 Resp: 17550
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 118.0
 167 13.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.383 ng/ul
 RT: 16.751 min Scan# 3001
 Delta R.T. -0.004 min
 Lab File: BN028581.D
 Acq: 13 Nov 2023 13:23

Tgt Ion:266 Resp: 3141
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.1 75.1
 268 64.8 50.6 75.8

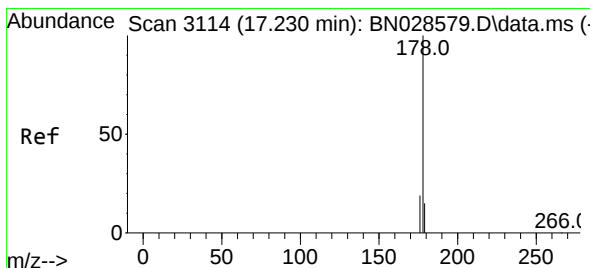
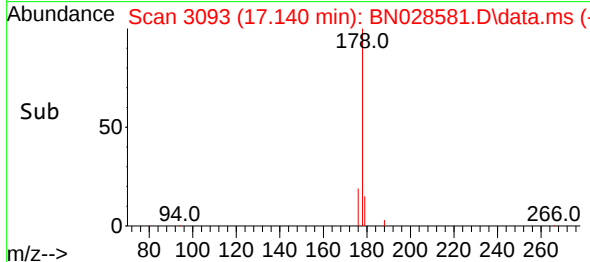
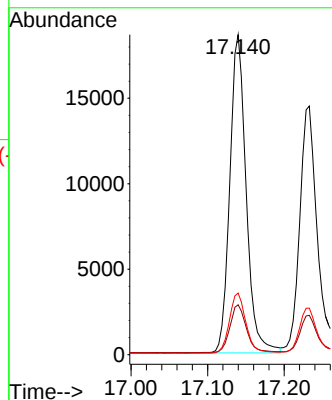
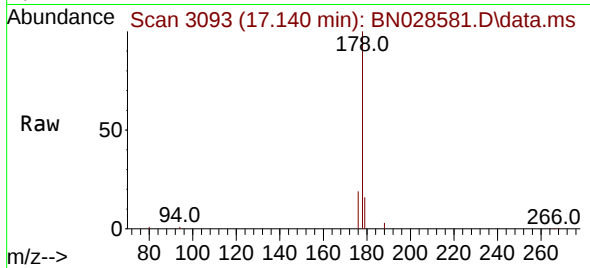




#15
Phenanthrene
Concen: 0.263 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.004 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

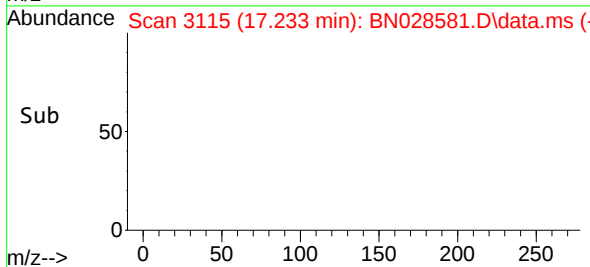
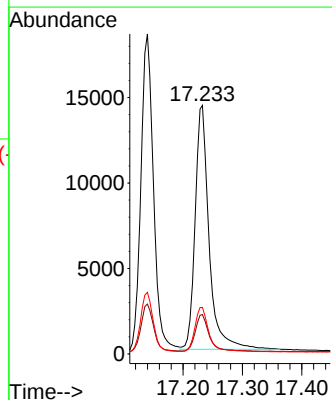
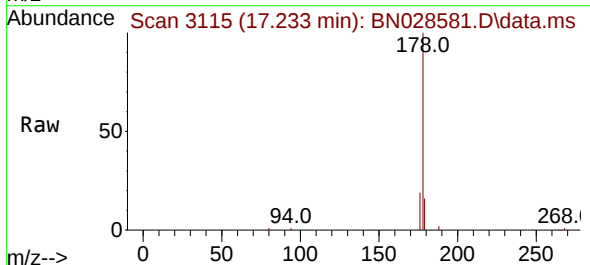
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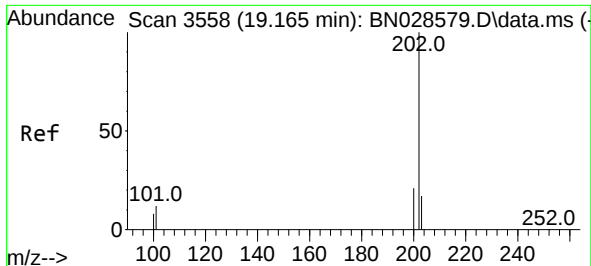
Tgt Ion:178 Resp: 27612
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:178 Resp: 23278
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.7 14.9 22.3

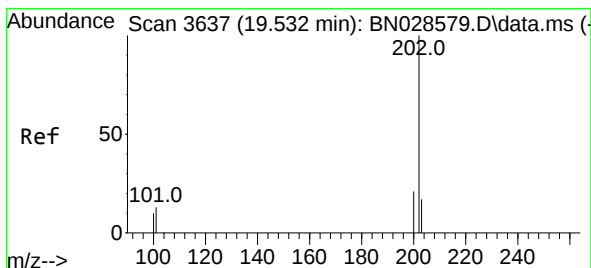
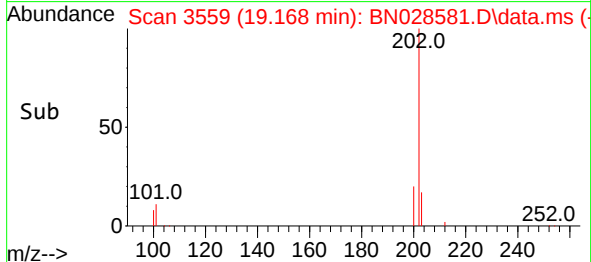
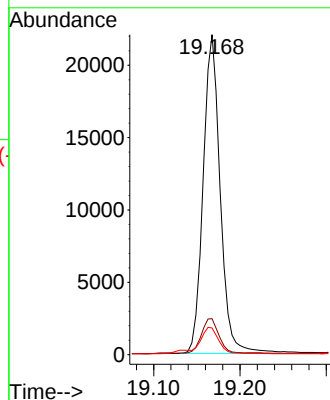
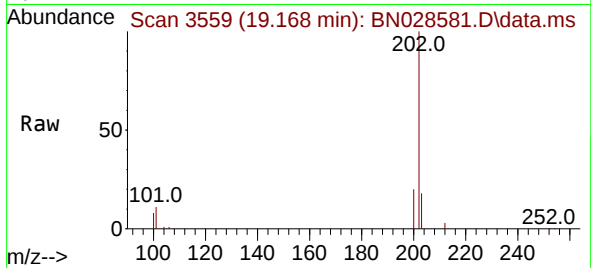




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.168 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

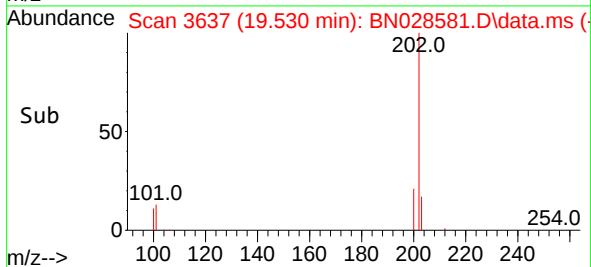
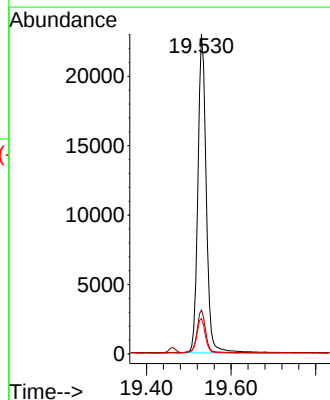
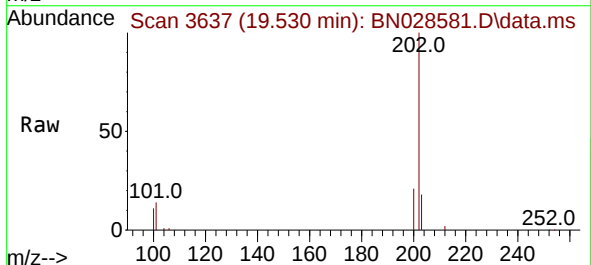
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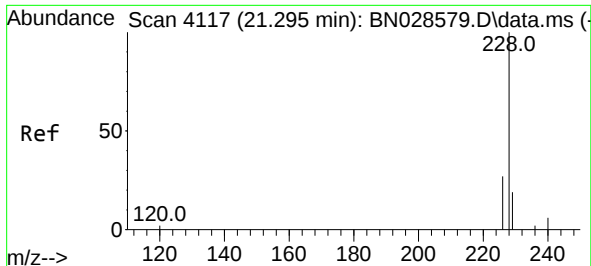
Tgt Ion:202 Resp: 30278
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.4 7.2 10.8



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.530 min Scan# 3637
Delta R.T. -0.009 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:202 Resp: 31478
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 11.1 8.2 12.2

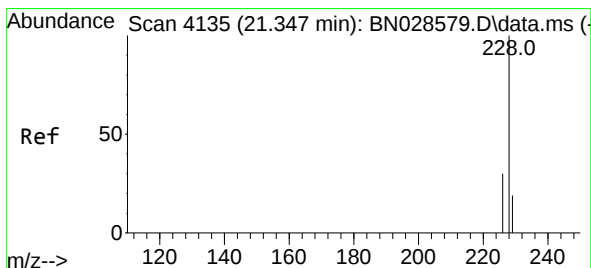
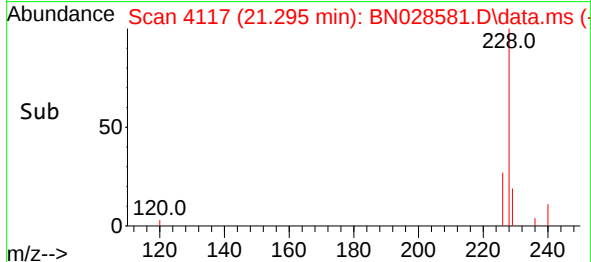
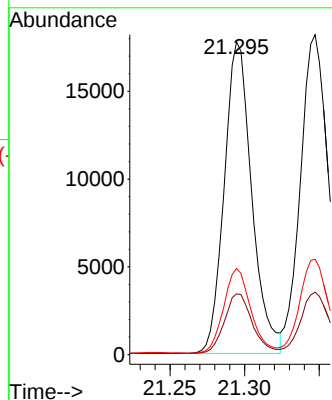
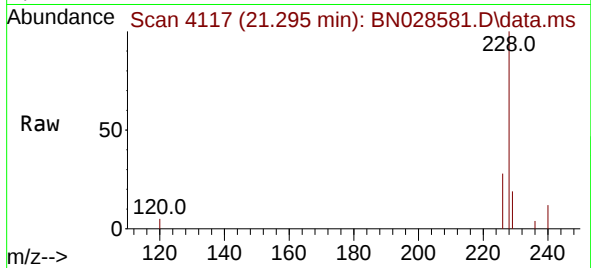




#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. -0.009 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

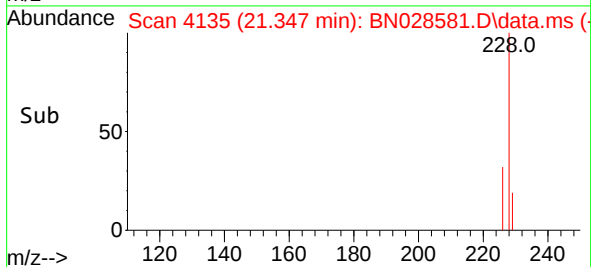
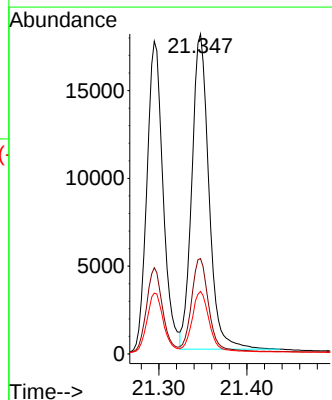
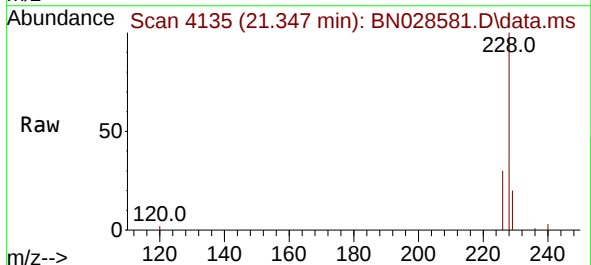
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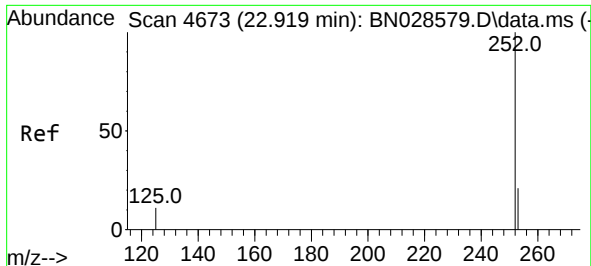
Tgt Ion:228 Resp: 22778
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.5 21.4 32.0



#22
Chrysene
Concen: 0.278 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:228 Resp: 24157
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.6 15.4 23.2

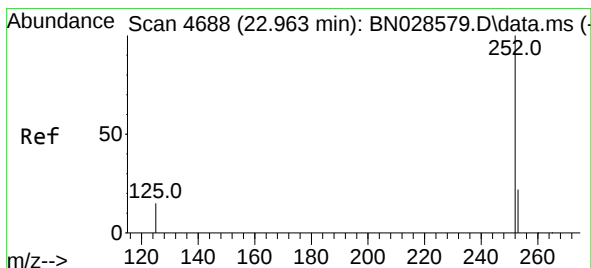
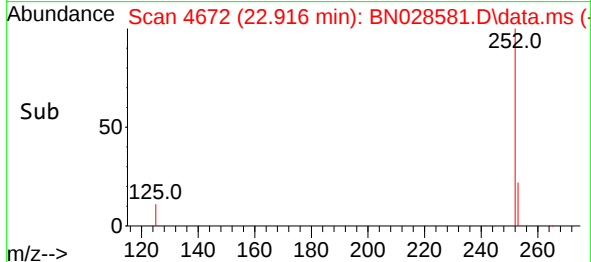
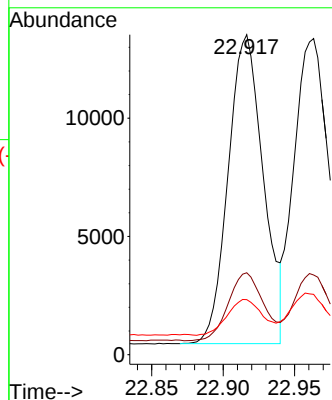
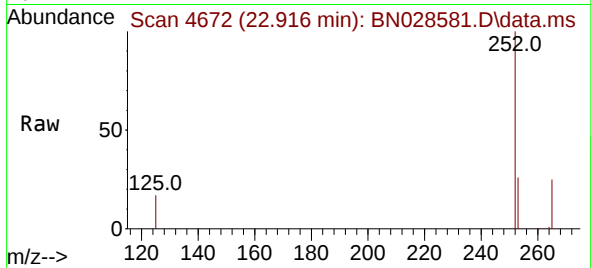




#24
Benzo(b)fluoranthene
Concen: 0.287 ng/ul
RT: 22.916 min Scan# 4672
Delta R.T. -0.012 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

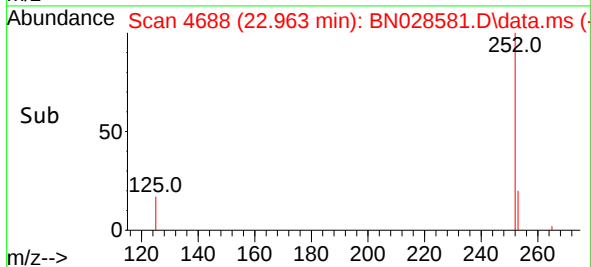
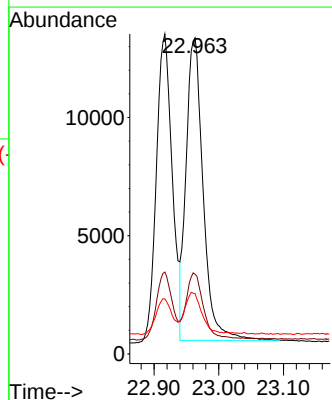
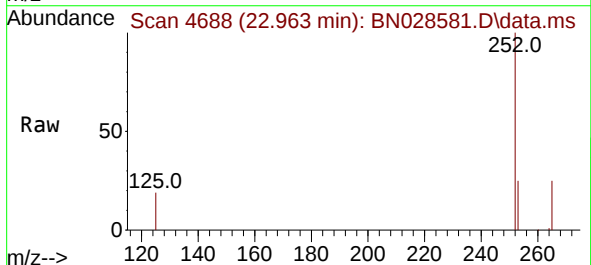
Instrument :
BNA_N
ClientSampleId :
SLCS056

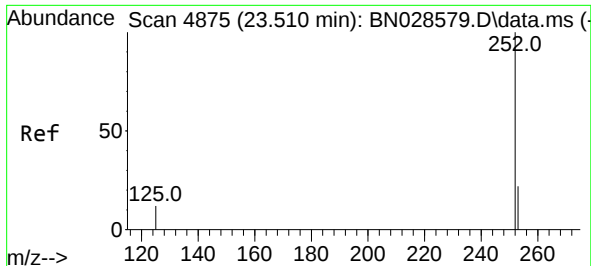
Tgt Ion:252 Resp: 22353
Ion Ratio Lower Upper
252 100
253 25.6 0.0 46.6
125 17.2 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul
RT: 22.963 min Scan# 4688
Delta R.T. -0.012 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:252 Resp: 23462
Ion Ratio Lower Upper
252 100
253 25.2 18.6 28.0
125 19.1 12.7 19.1

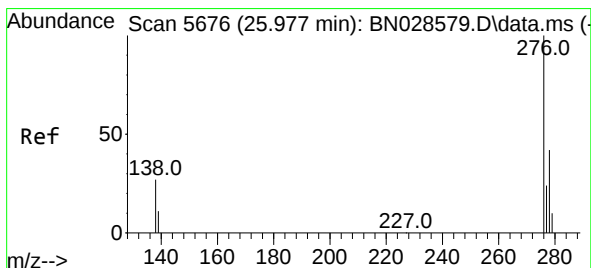
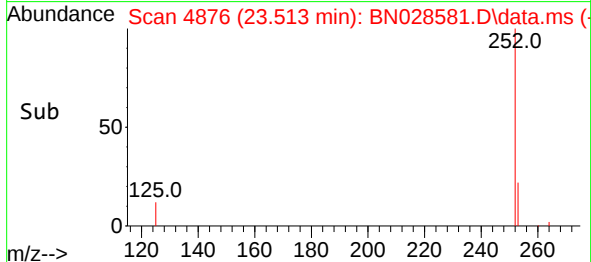
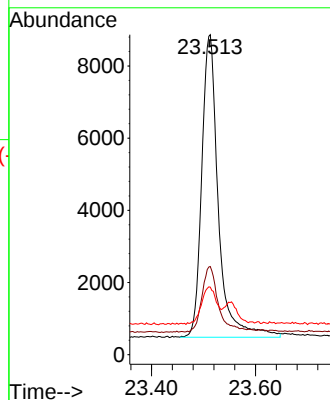
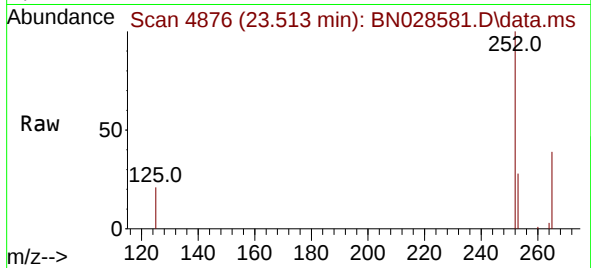




#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.513 min Scan# 4875
Delta R.T. -0.012 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

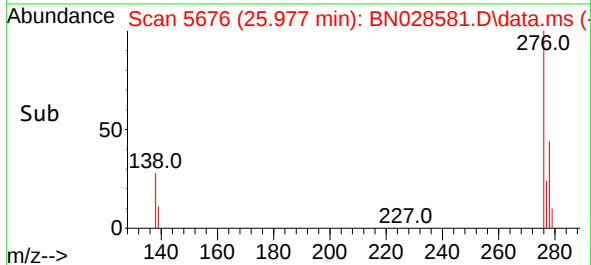
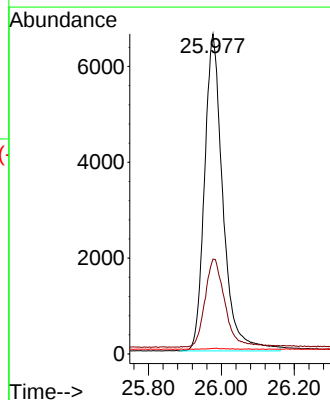
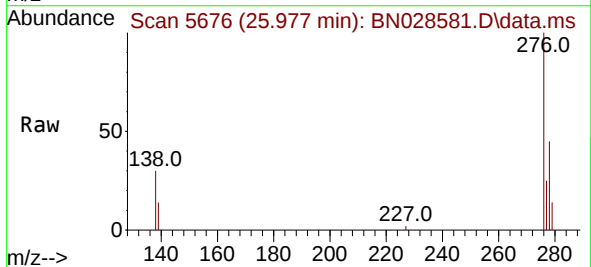
Instrument :
BNA_N
ClientSampleId :
SLCS056

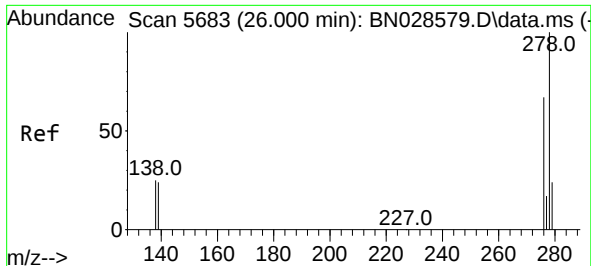
Tgt Ion:252 Resp: 18535
Ion Ratio Lower Upper
252 100
253 27.6 19.0 28.6
125 21.1 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 25.977 min Scan# 5676
Delta R.T. -0.017 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:276 Resp: 23175
Ion Ratio Lower Upper
276 100
138 29.7 23.8 35.6
227 0.2 0.1 0.1#

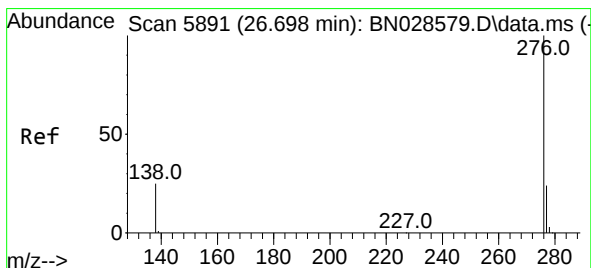
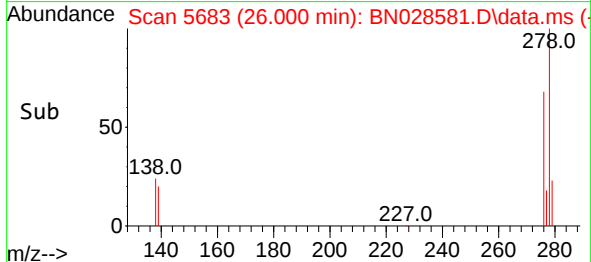
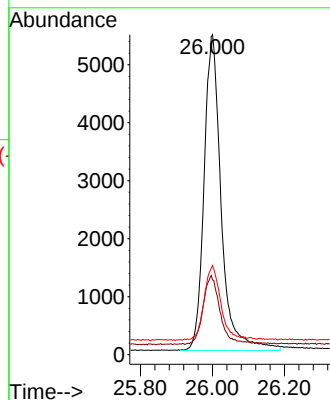
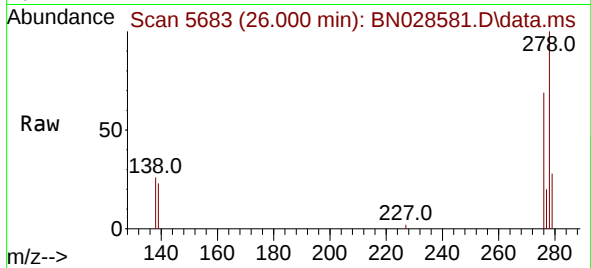




#28
Dibenzo(a,h)anthracene
Concen: 0.276 ng/ul
RT: 26.000 min Scan# 5683
Delta R.T. -0.017 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 17994
Ion Ratio Lower Upper
278 100
139 23.4 18.2 27.4
279 27.8 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 26.694 min Scan# 5890
Delta R.T. -0.024 min
Lab File: BN028581.D
Acq: 13 Nov 2023 13:23

Tgt Ion:276 Resp: 20159
Ion Ratio Lower Upper
276 100
138 27.3 20.5 30.7
277 24.8 19.4 29.0

