

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
 Data File : BN028037.D
 Acq On : 04 Oct 2023 16:18
 Operator : MA/JU
 Sample : PB155827BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS827

Quant Time: Oct 05 02:05:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

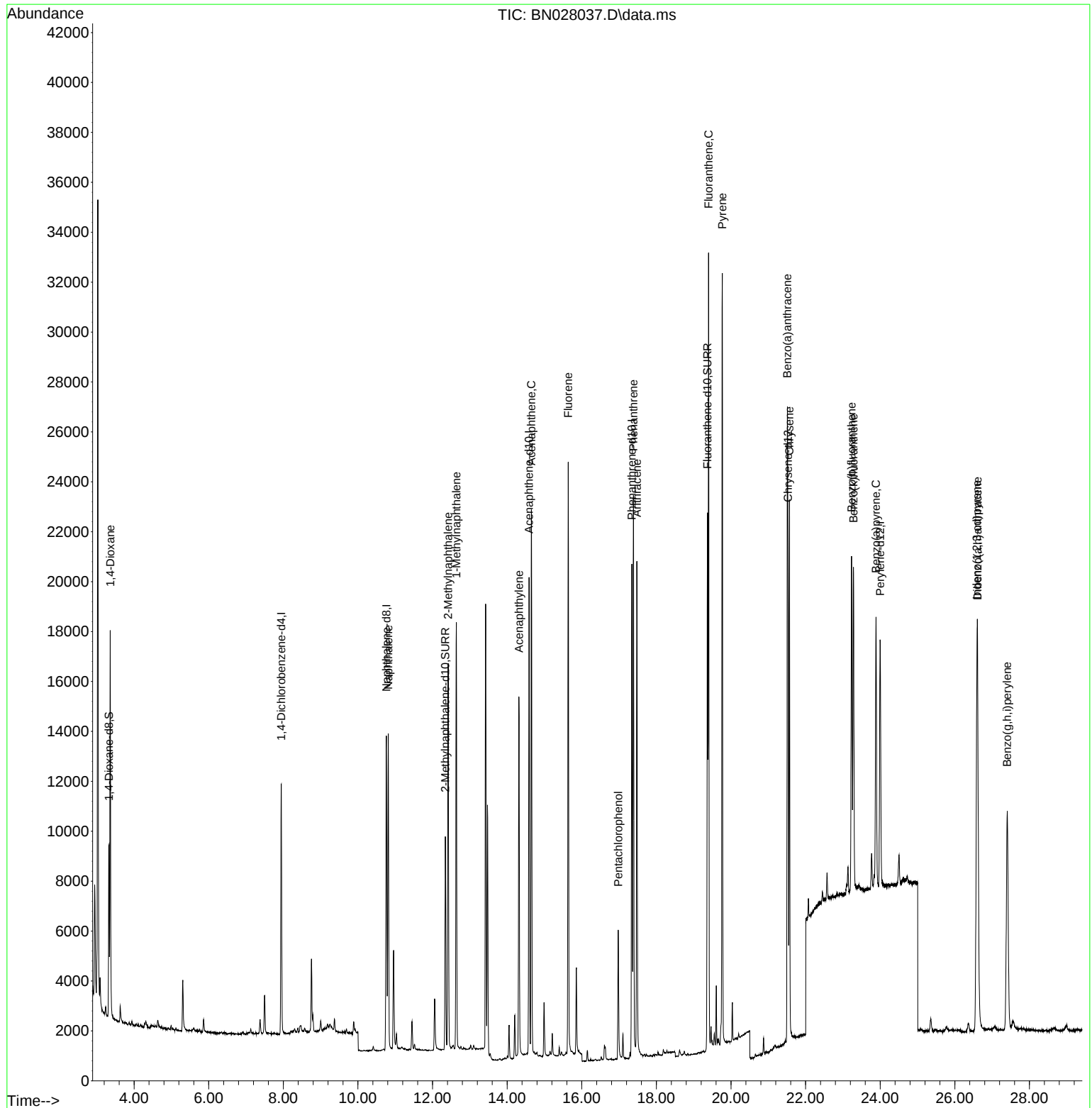
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	5193	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	17287	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	10667	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	23004	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	15010	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	14771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4428	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	11214	0.403	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	24246	0.509	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	10597	1.534	ng/ul	90
5) Naphthalene	10.812	128	16822	0.343	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	11027	0.356	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	11769	0.367	ng/ul	99
10) Acenaphthylene	14.314	152	17388	0.359	ng/ul	100
11) Acenaphthene	14.647	153	13136	0.341	ng/ul	99
12) Fluorene	15.637	166	14964	0.349	ng/ul	100
14) Pentachlorophenol	16.978	266	3712	0.752	ng/ul	99
15) Phenanthrene	17.384	178	23651	0.345	ng/ul	100
16) Anthracene	17.477	178	21679	0.353	ng/ul	100
19) Fluoranthene	19.399	202	25167	0.439	ng/ul	100
20) Pyrene	19.766	202	25734	0.433	ng/ul	100
21) Benzo(a)anthracene	21.510	228	19958	0.364	ng/ul	98
22) Chrysene	21.565	228	19366	0.350	ng/ul	98
24) Benzo(b)fluoranthene	23.231	252	19194	0.350	ng/ul	90
25) Benzo(k)fluoranthene	23.281	252	18544	0.340	ng/ul#	90
26) Benzo(a)pyrene	23.886	252	16362	0.350	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.592	276	23083	0.409	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.609	278	18633	0.405	ng/ul	95
29) Benzo(g,h,i)perylene	27.404	276	19359	0.419	ng/ul	95

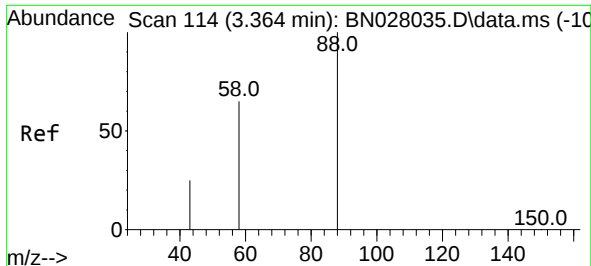
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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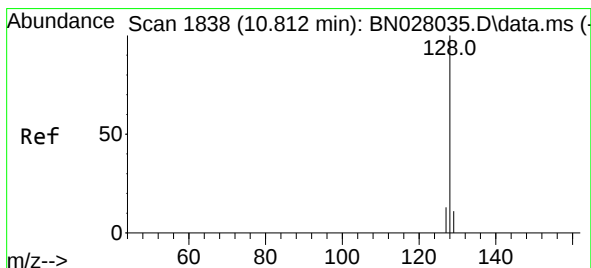
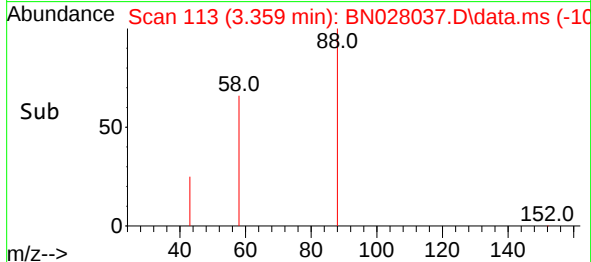
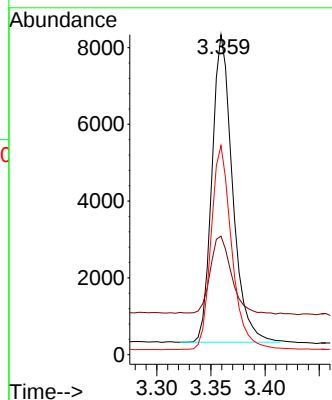
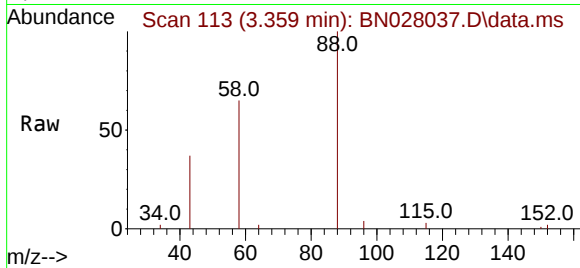




#2
1,4-Dioxane
Concen: 1.534 ng/ul
RT: 3.359 min Scan# 114
Delta R.T. -0.004 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

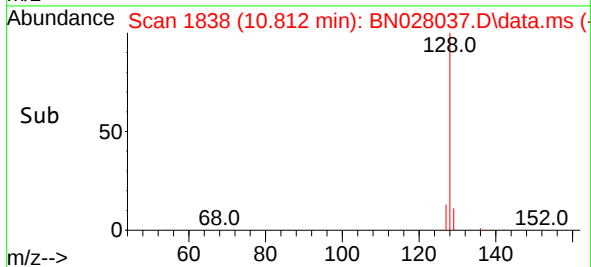
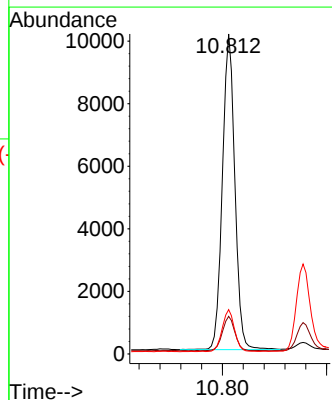
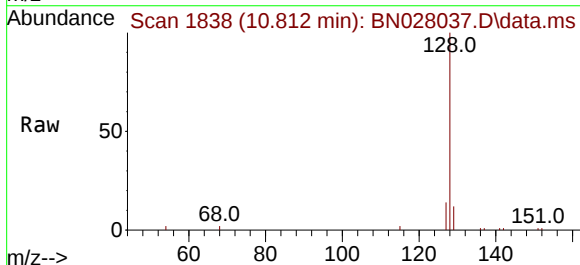
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SLCS827

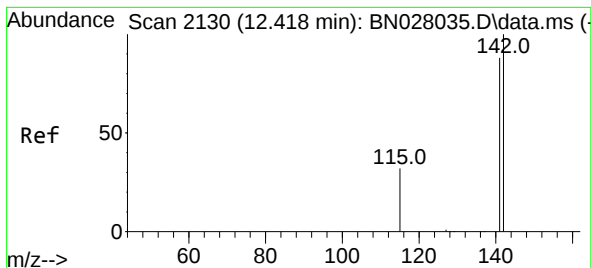
Tgt Ion: 88 Resp: 10597
Ion Ratio Lower Upper
88 100
43 37.1 33.4 50.2
58 65.3 45.7 68.5



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.812 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion: 128 Resp: 16822
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 11.0 16.4

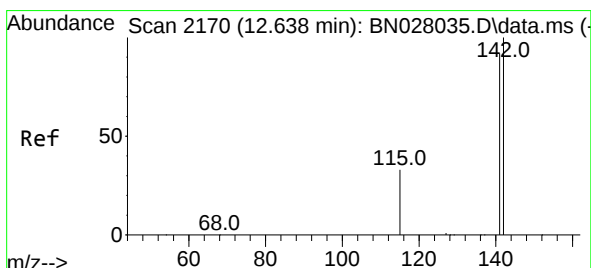
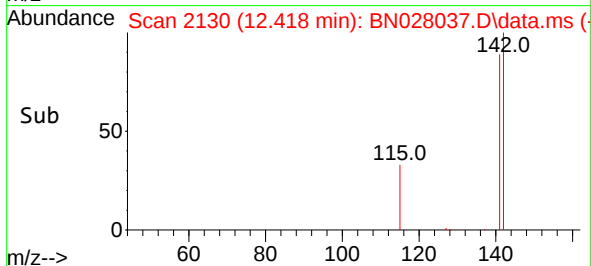
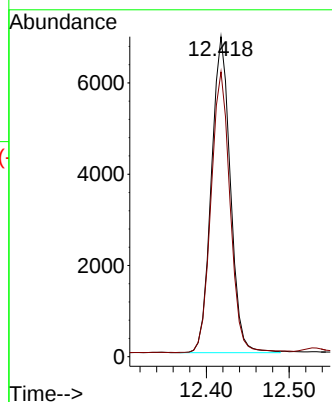
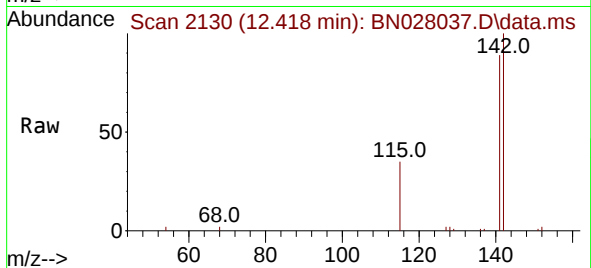




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

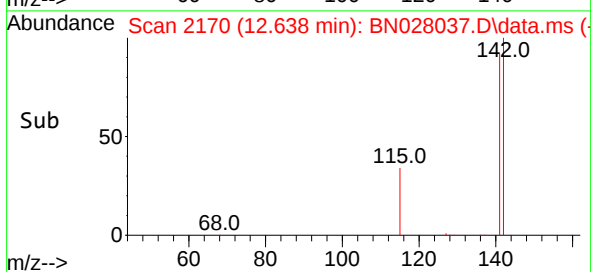
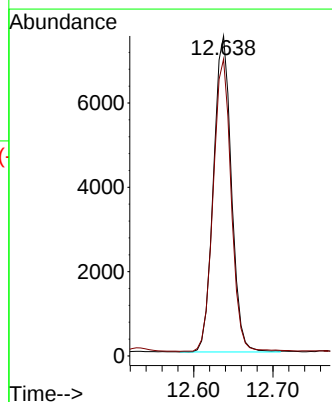
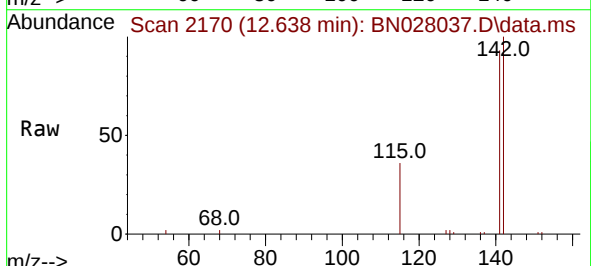
Instrument :
BNA_N
ClientSampleId :
SLCS827

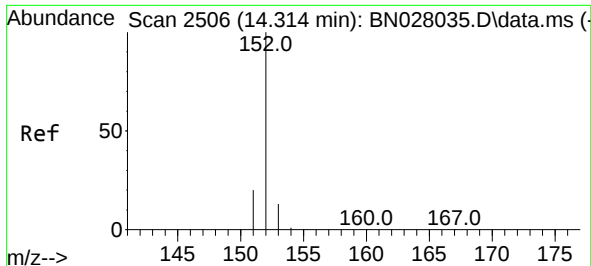
Tgt Ion:142 Resp: 11027
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:142 Resp: 11769
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6

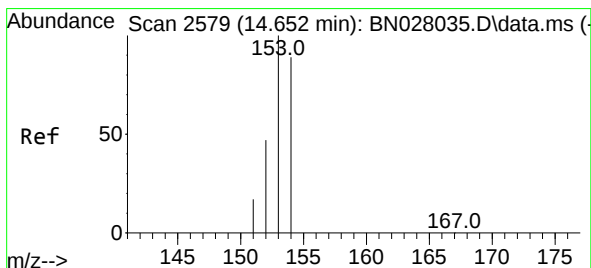
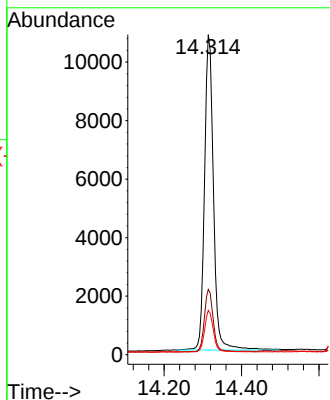
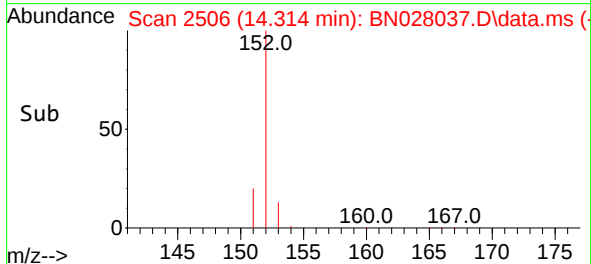
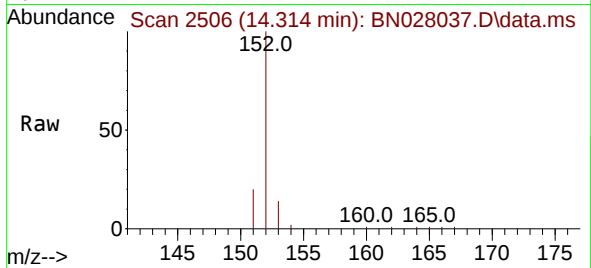




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

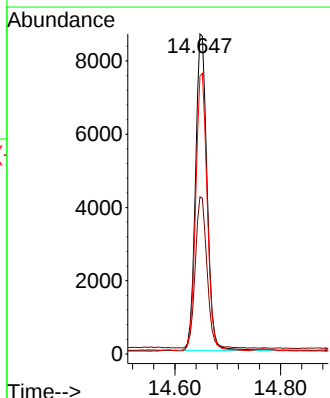
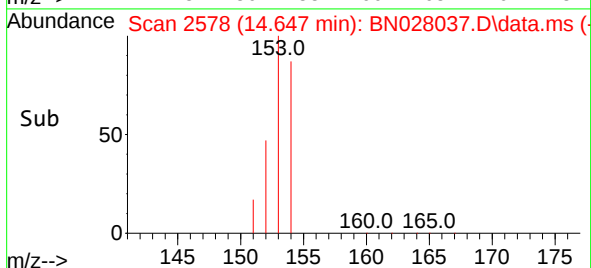
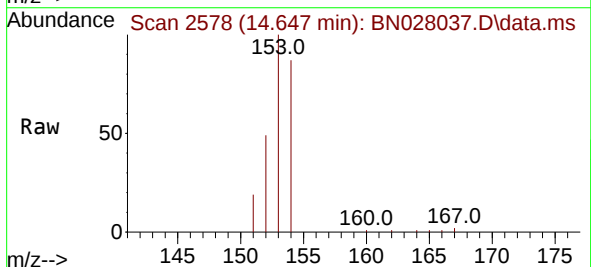
Instrument :
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ClientSampleId :
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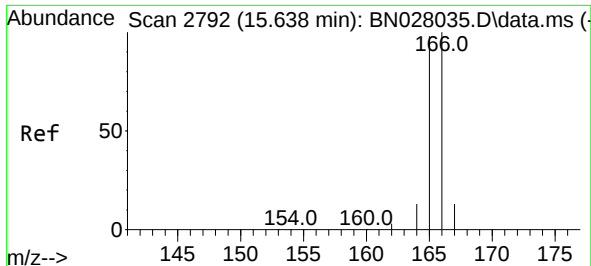
Tgt Ion:152 Resp: 17388
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. -0.009 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:153 Resp: 13136
Ion Ratio Lower Upper
153 100
152 49.1 39.4 59.0
154 86.9 70.2 105.4

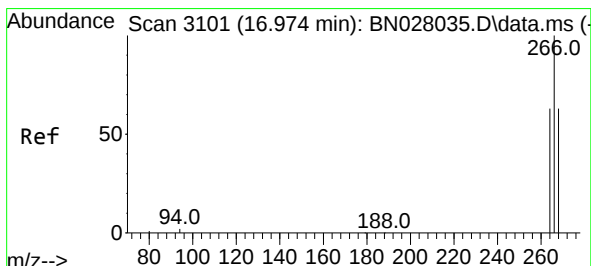
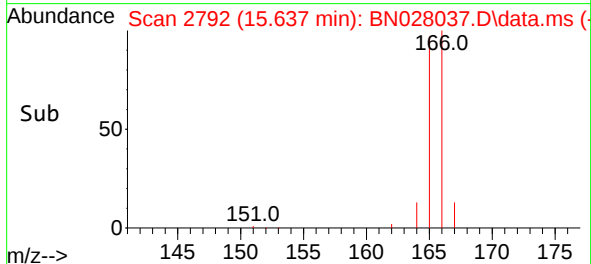
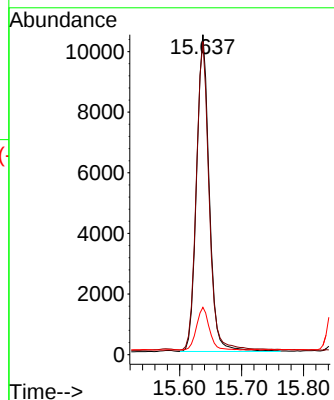
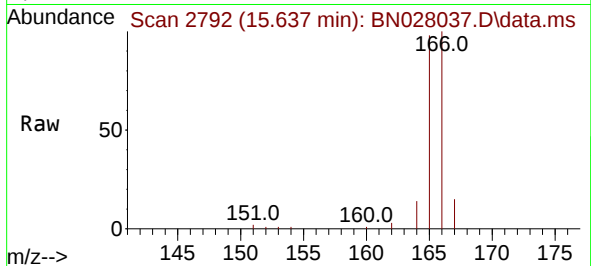




#12
 Fluorene
 Concen: 0.349 ng/ul
 RT: 15.637 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028037.D
 Acq: 04 Oct 2023 16:18

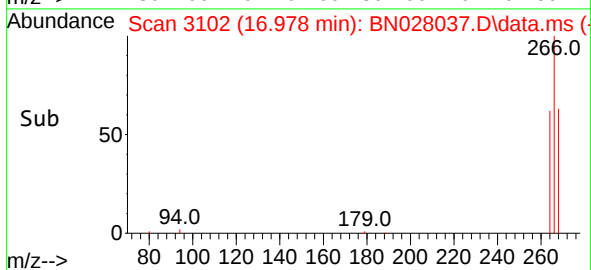
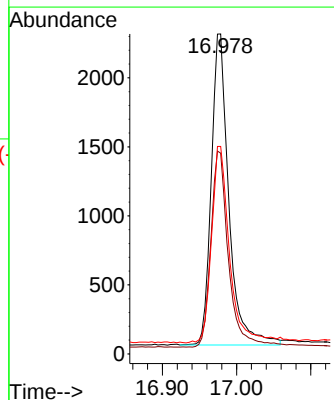
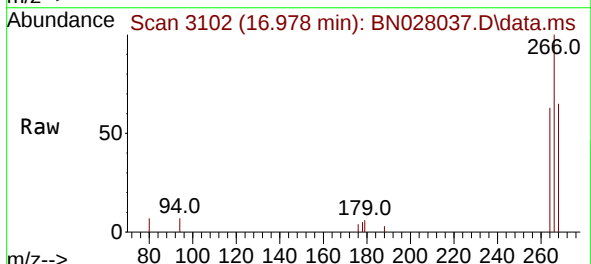
Instrument :
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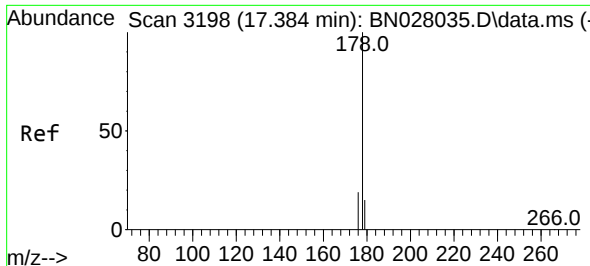
Tgt Ion:166 Resp: 14964
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 14.8 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.752 ng/ul
 RT: 16.978 min Scan# 3102
 Delta R.T. -0.008 min
 Lab File: BN028037.D
 Acq: 04 Oct 2023 16:18

Tgt Ion:266 Resp: 3712
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.6 74.4
 268 64.9 52.2 78.4

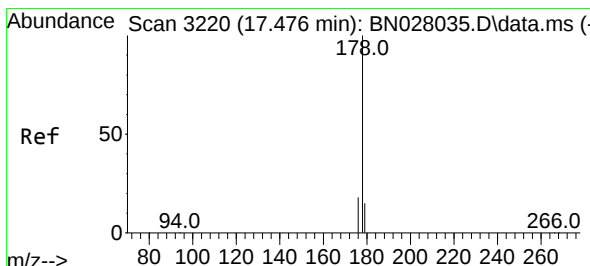
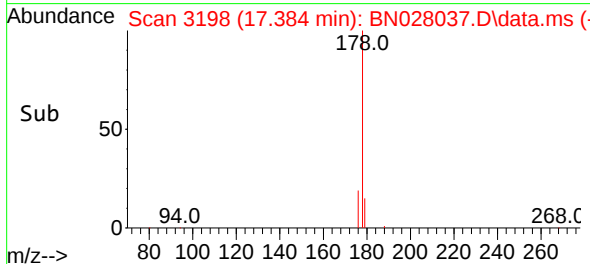
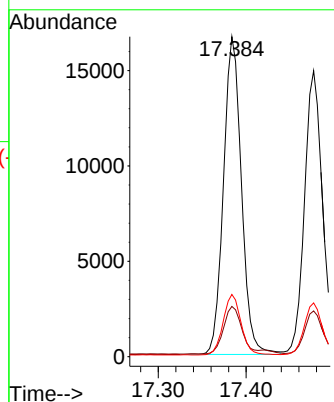
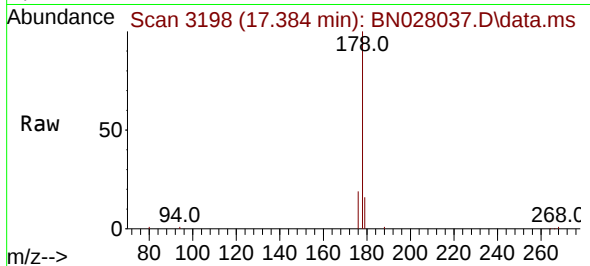




#15
Phenanthrene
Concen: 0.345 ng/u1
RT: 17.384 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

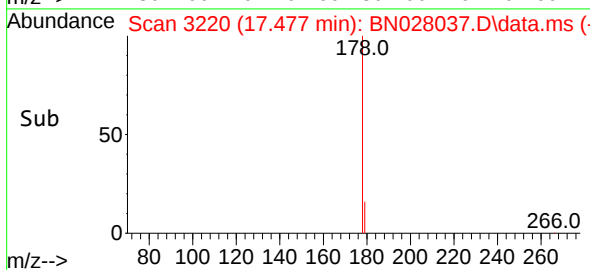
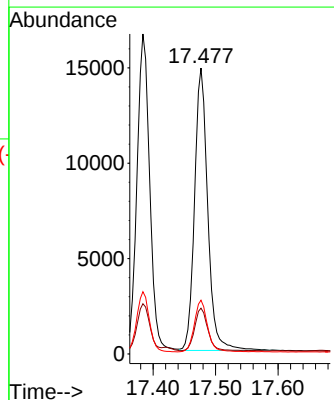
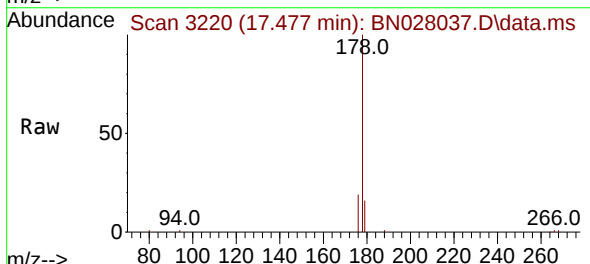
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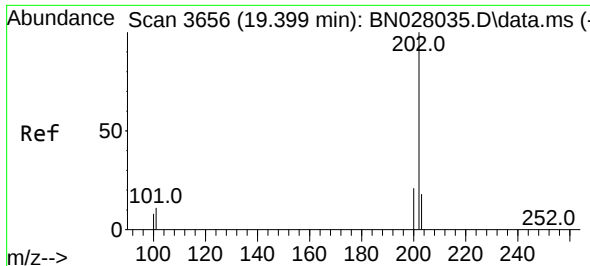
Tgt Ion:178 Resp: 23651
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.353 ng/u1
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:178 Resp: 21679
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 18.8 15.0 22.6

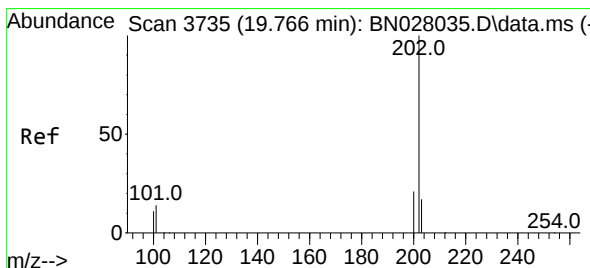
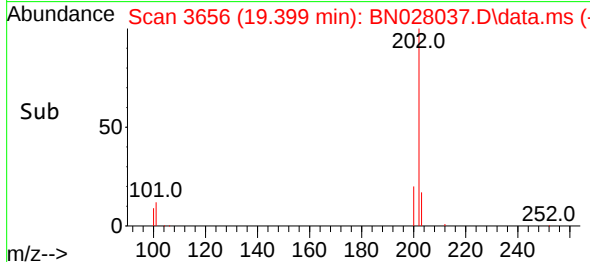
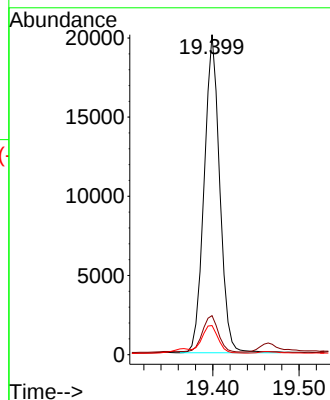
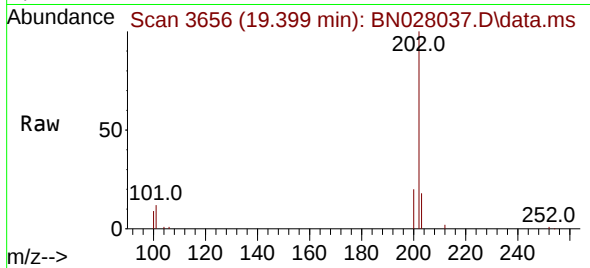




#19
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

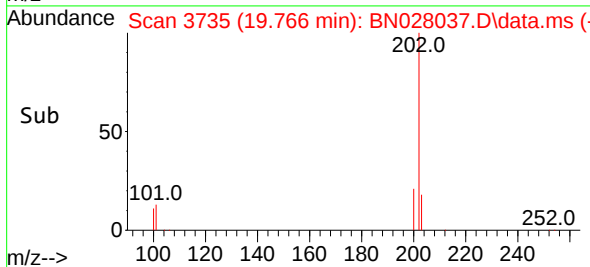
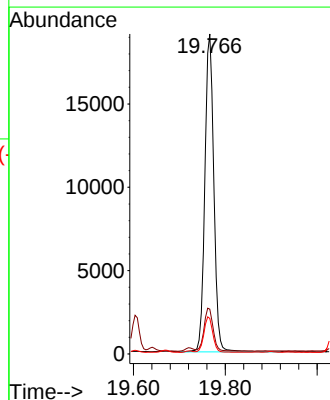
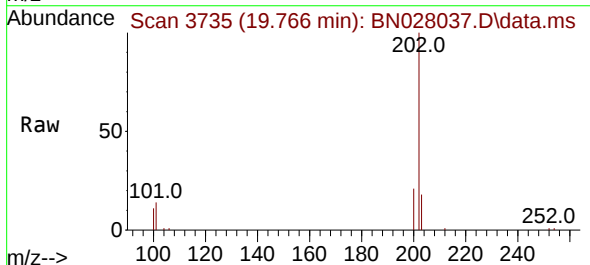
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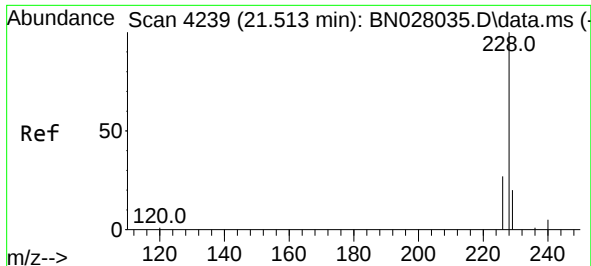
Tgt Ion:202 Resp: 25167
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 9.1 7.4 11.0



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.004 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:202 Resp: 25734
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.1 9.1 13.7

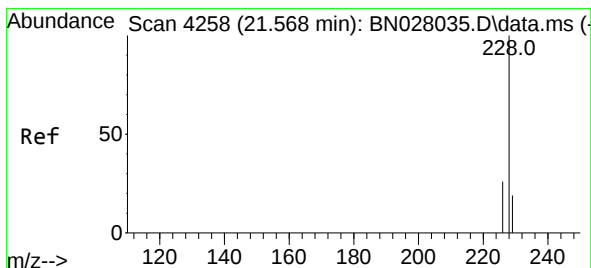
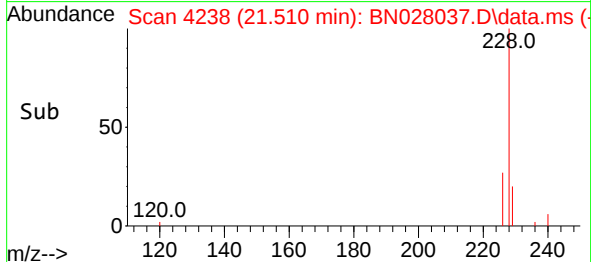
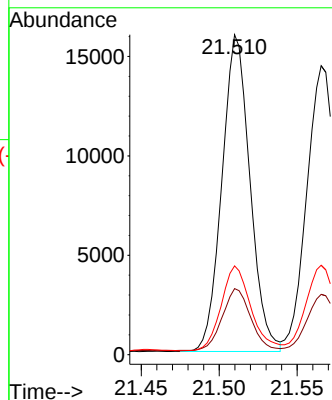
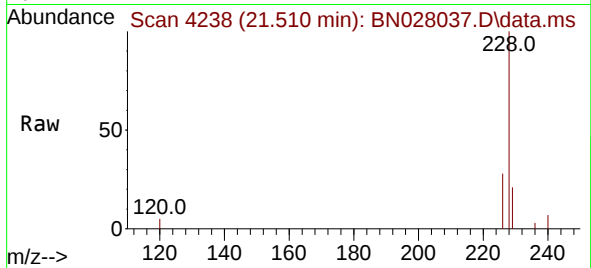




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.510 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

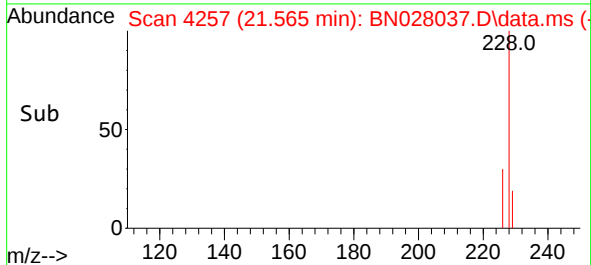
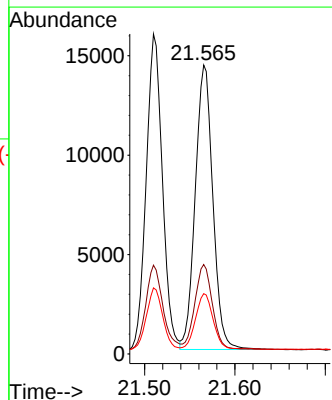
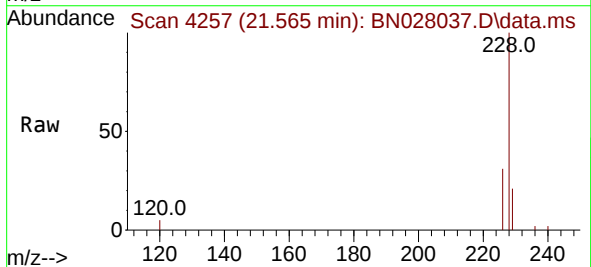
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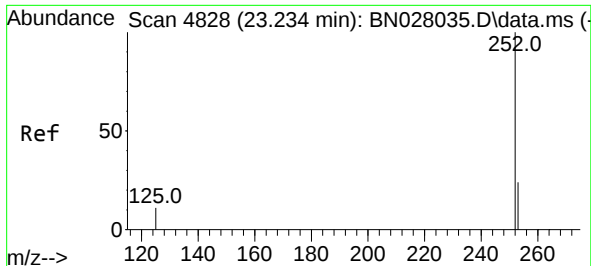
Tgt Ion:228 Resp: 19958
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 27.8 21.5 32.3



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. -0.009 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:228 Resp: 19366
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.8
229 20.9 16.0 24.0

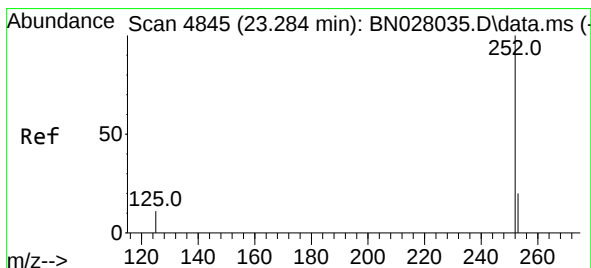
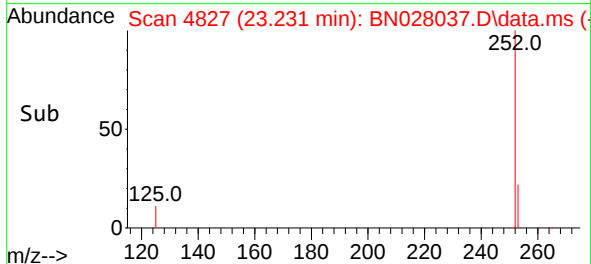
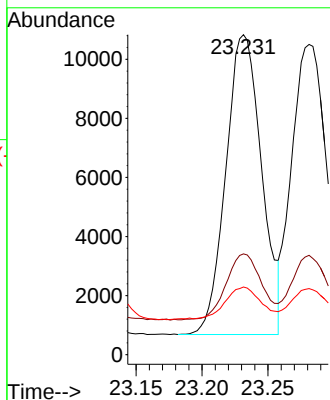
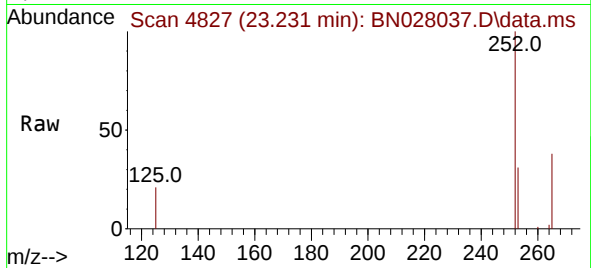




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.231 min Scan# 4827
Delta R.T. -0.009 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

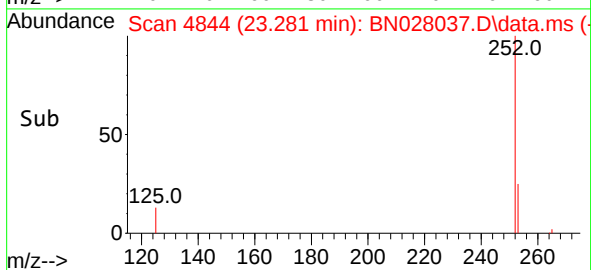
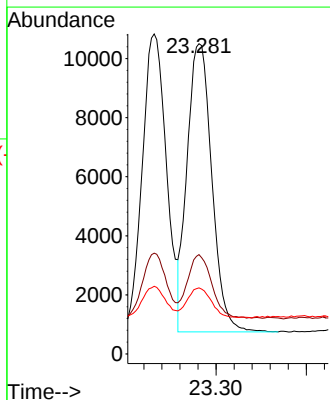
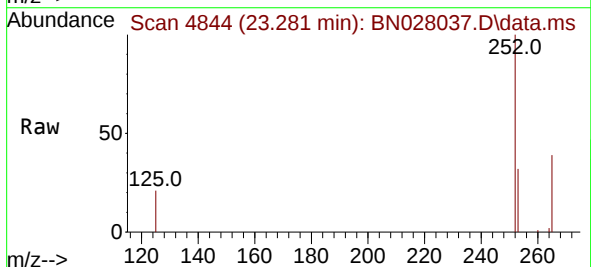
Instrument :
BNA_N
ClientSampleId :
SLCS827

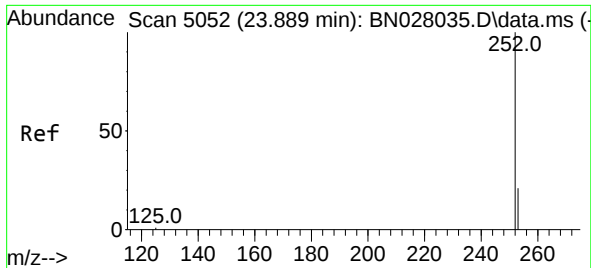
Tgt Ion:252 Resp: 19194
Ion Ratio Lower Upper
252 100
253 31.5 0.0 54.0
125 21.1 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.281 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:252 Resp: 18544
Ion Ratio Lower Upper
252 100
253 32.0 21.8 32.8
125 21.3 12.8 19.2#

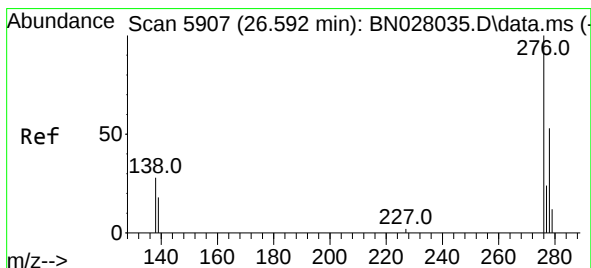
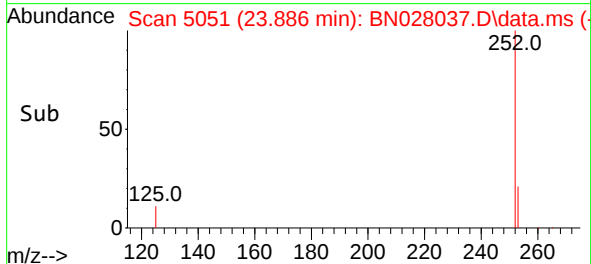
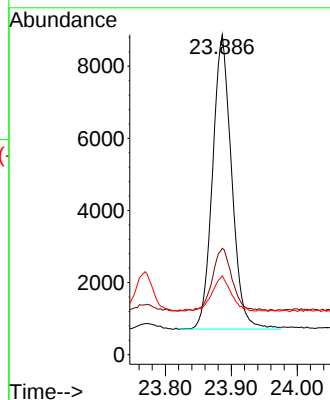
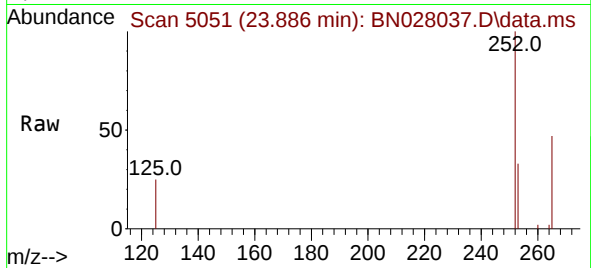




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.886 min Scan# 5051
Delta R.T. -0.009 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

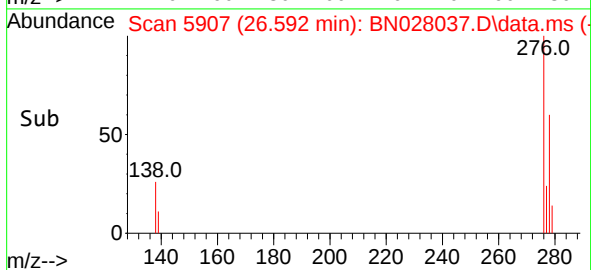
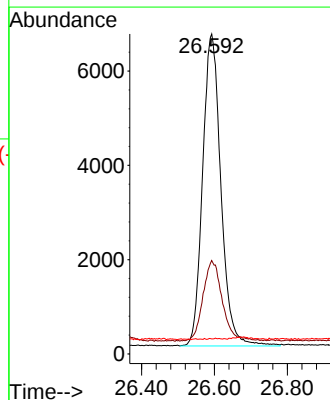
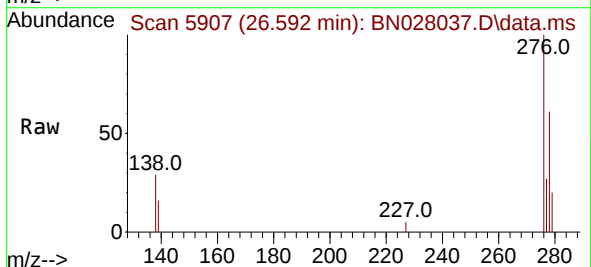
Instrument :
BNA_N
ClientSampleId :
SLCS827

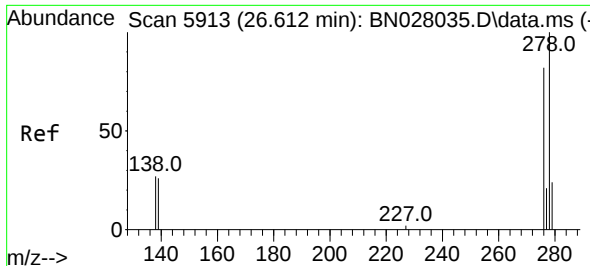
Tgt Ion:252 Resp: 16362
Ion Ratio Lower Upper
252 100
253 33.2 23.4 35.2
125 24.7 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. -0.010 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:276 Resp: 23083
Ion Ratio Lower Upper
276 100
138 27.4 21.6 32.4
227 0.1 0.2 0.2#

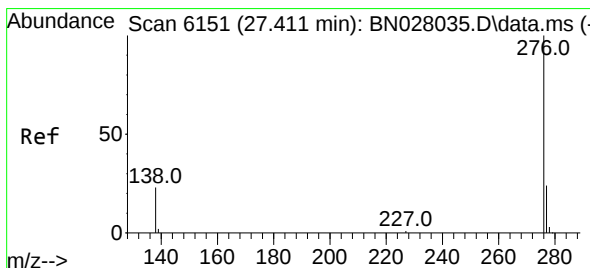
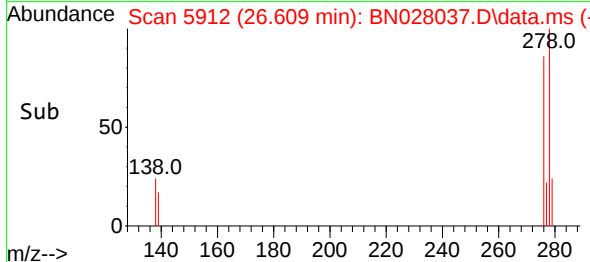
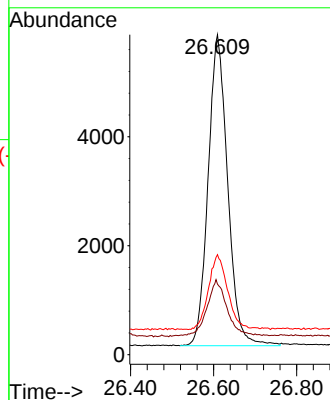
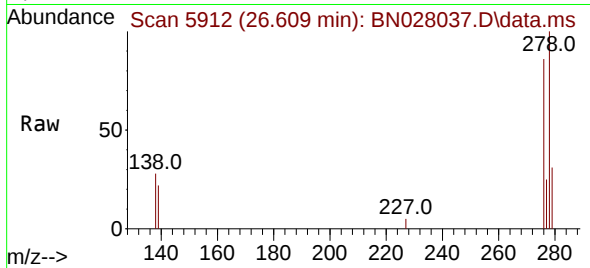




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.609 min Scan# 5913
Delta R.T. -0.010 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SLCS827

Tgt Ion:278 Resp: 18633
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 31.3 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.404 min Scan# 6149
Delta R.T. -0.017 min
Lab File: BN028037.D
Acq: 04 Oct 2023 16:18

Tgt Ion:276 Resp: 19359
Ion Ratio Lower Upper
276 100
138 28.9 19.8 29.6
277 27.1 20.6 31.0

