

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
 Data File : BN028045.D
 Acq On : 04 Oct 2023 21:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4286

Quant Time: Oct 05 02:06:17 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

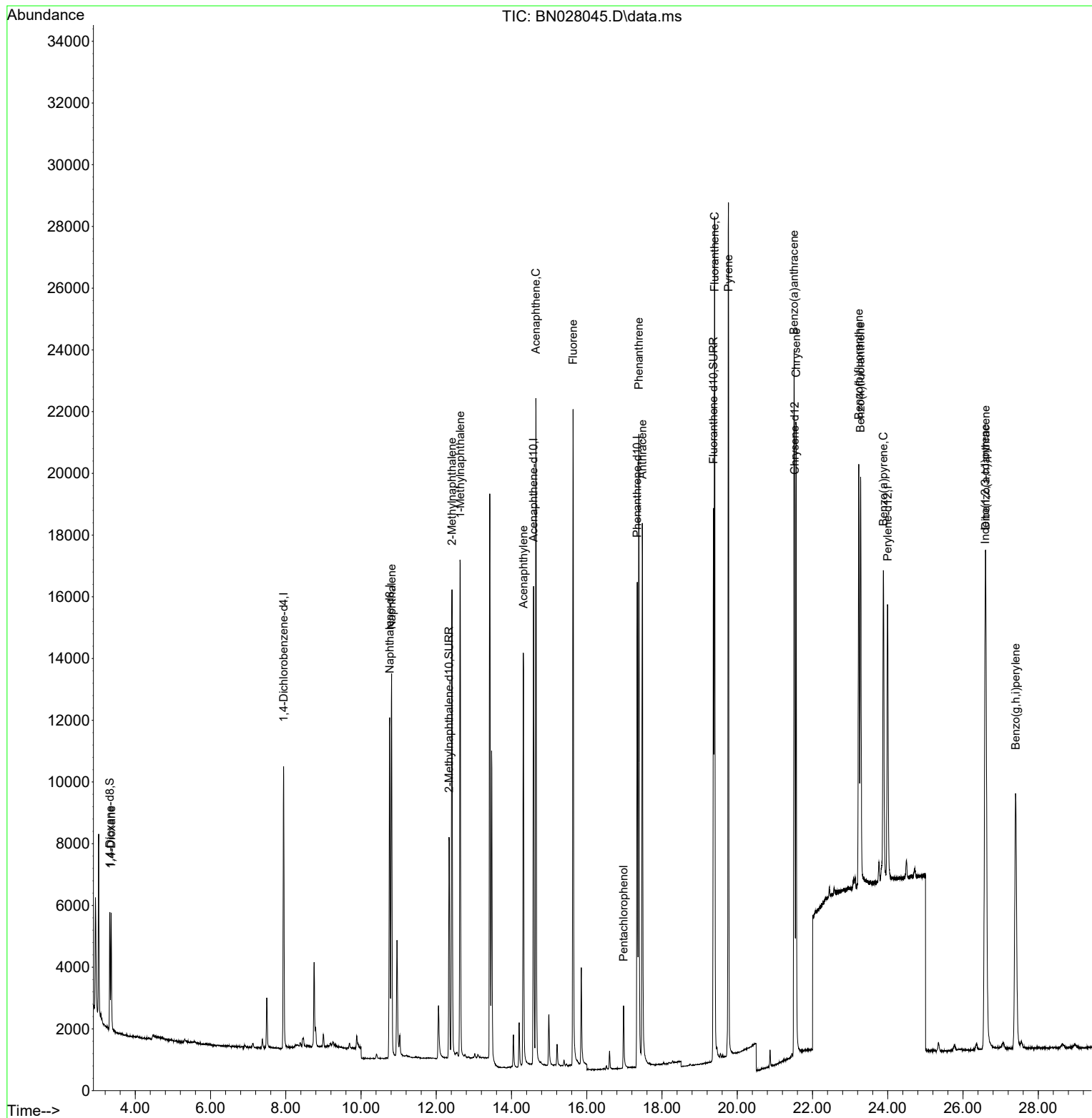
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	15352	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	9186	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	19156	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	12914	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	13337	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	2438	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	9905	0.400	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	19839	0.484	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	2637	0.411	ng/ul	92
5) Naphthalene	10.811	128	17158	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	11055	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	11299	0.397	ng/ul	100
10) Acenaphthylene	14.314	152	16260	0.390	ng/ul	100
11) Acenaphthene	14.647	153	12958	0.391	ng/ul	99
12) Fluorene	15.637	166	14562	0.395	ng/ul	99
14) Pentachlorophenol	16.978	266	1602	0.390	ng/ul	99
15) Phenanthrene	17.383	178	22744	0.398	ng/ul	99
16) Anthracene	17.476	178	20466	0.401	ng/ul	100
19) Fluoranthene	19.399	202	23804	0.483	ng/ul	100
20) Pyrene	19.766	202	23848	0.467	ng/ul	99
21) Benzo(a)anthracene	21.509	228	18643	0.395	ng/ul	99
22) Chrysene	21.565	228	18639	0.391	ng/ul	99
24) Benzo(b)fluoranthene	23.231	252	18792	0.380	ng/ul	94
25) Benzo(k)fluoranthene	23.278	252	18848	0.383	ng/ul	95
26) Benzo(a)pyrene	23.883	252	16665	0.395	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.589	276	23549	0.462	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.606	278	19041	0.459	ng/ul	98
29) Benzo(g,h,i)perylene	27.400	276	20025	0.480	ng/ul	99

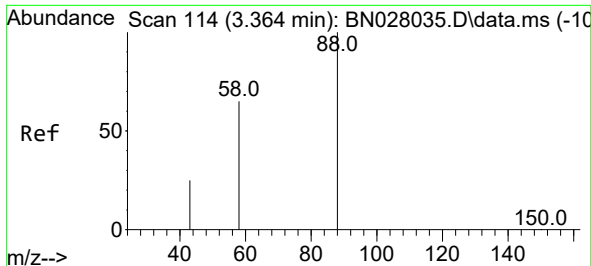
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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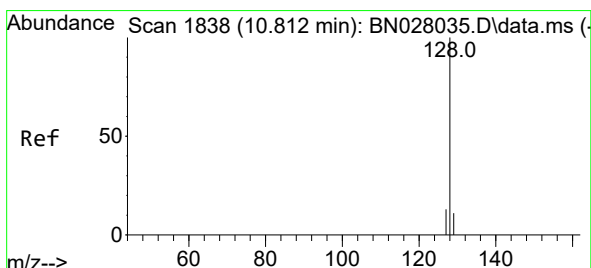
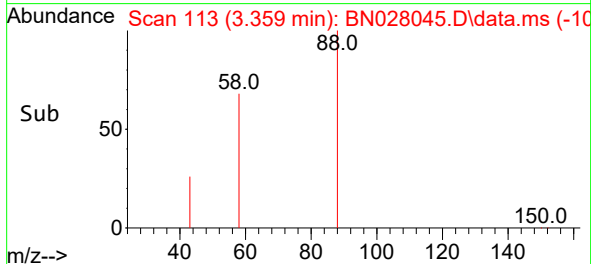
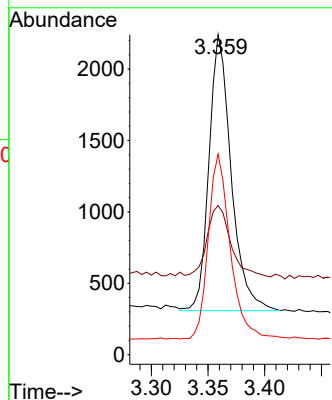
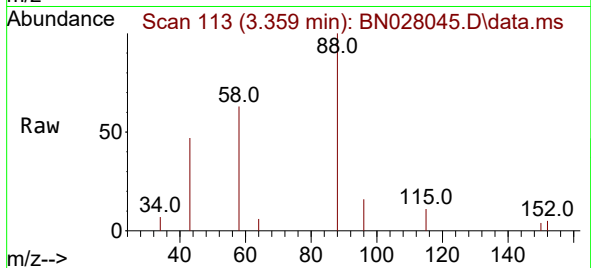




#2
1,4-Dioxane
Concen: 0.411 ng/ul
RT: 3.359 min Scan# 114
Delta R.T. -0.005 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

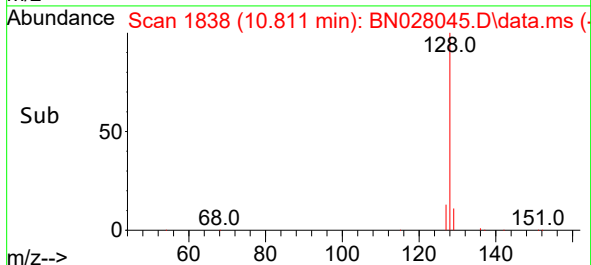
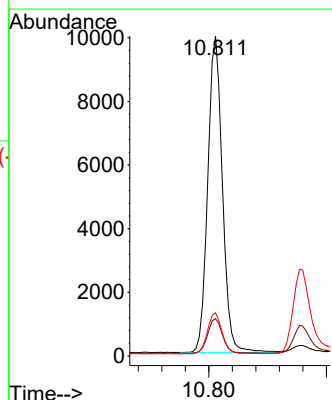
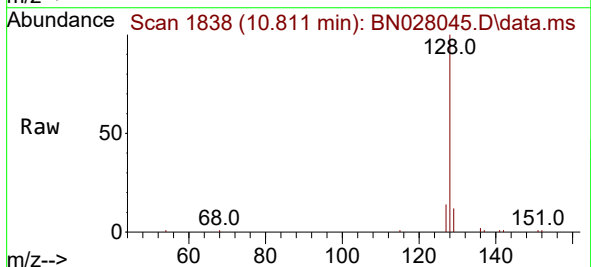
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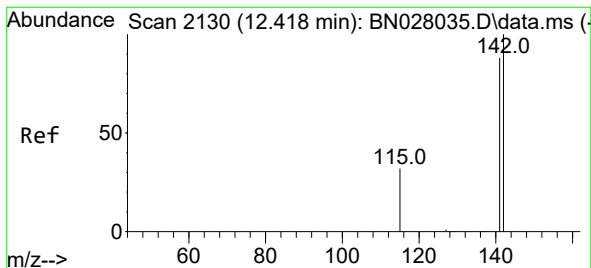
Tgt Ion: 88 Resp: 2637
Ion Ratio Lower Upper
88 100
43 46.6 33.4 50.2
58 62.7 45.7 68.5



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.811 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion: 128 Resp: 17158
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 11.0 16.4

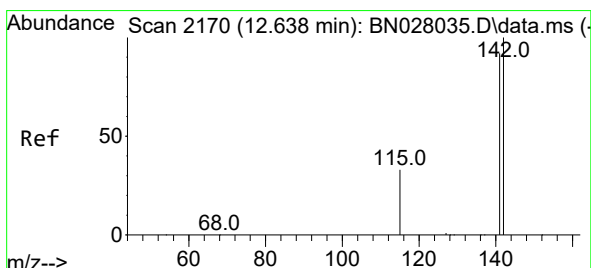
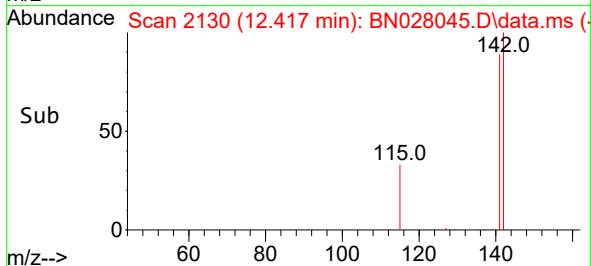
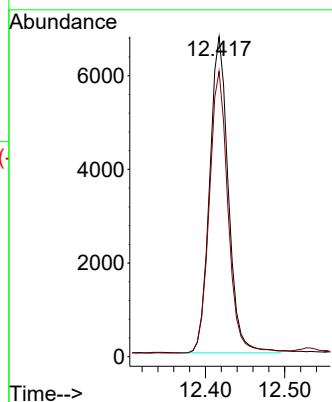
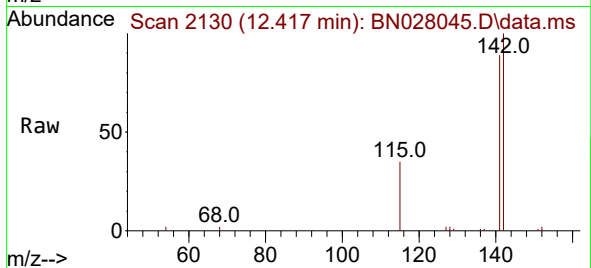




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.417 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

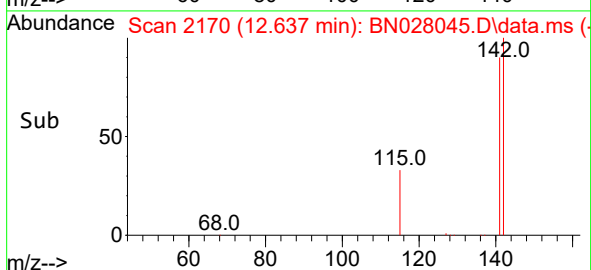
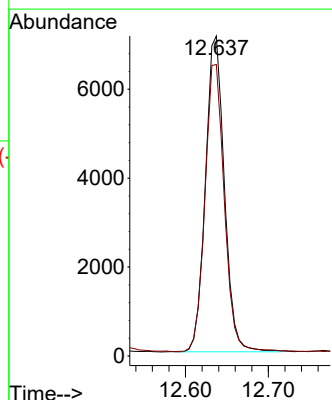
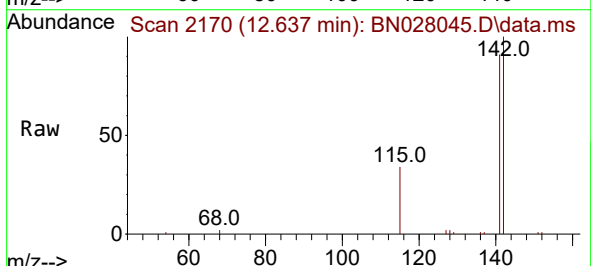
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

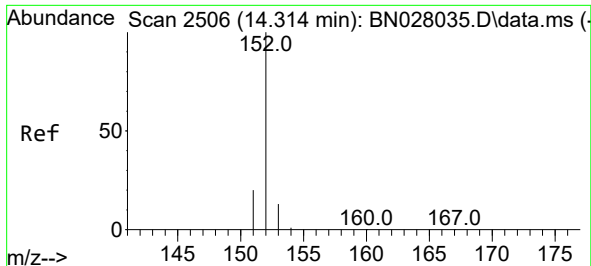
Tgt Ion:142 Resp: 11055
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.637 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:142 Resp: 11299
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6

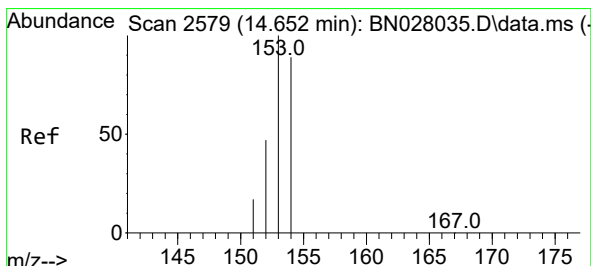
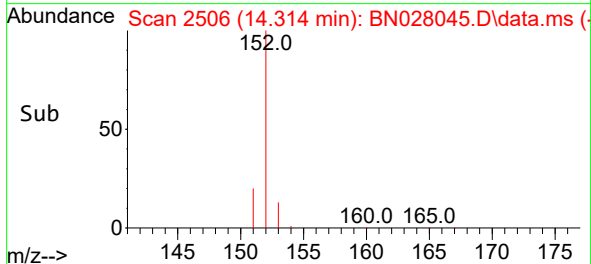
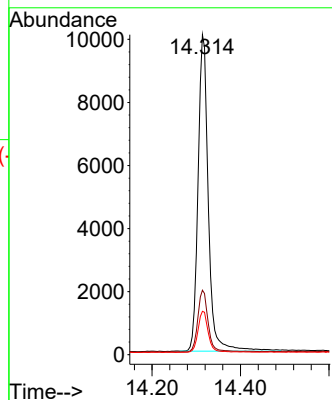
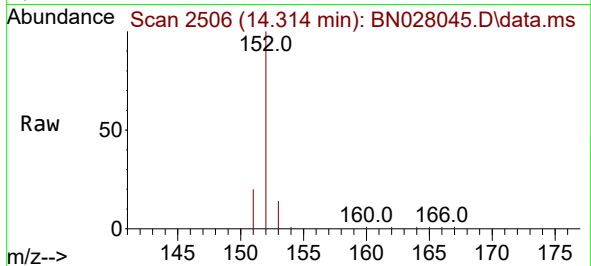




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

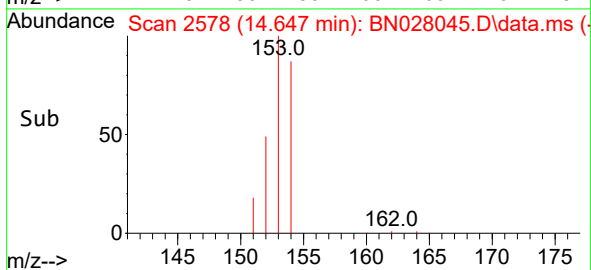
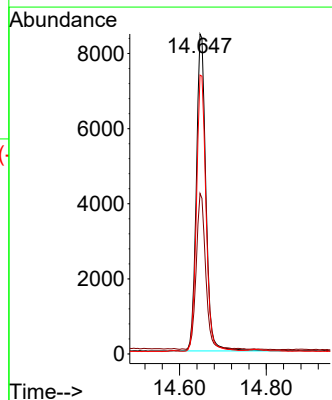
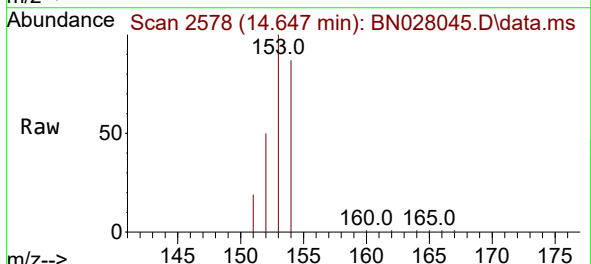
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ClientSampleId :
SSTD0.4286

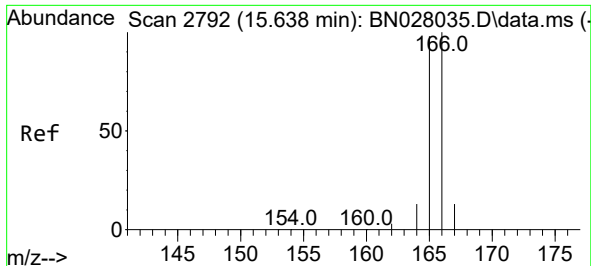
Tgt Ion:152 Resp: 16260
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. -0.010 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:153 Resp: 12958
Ion Ratio Lower Upper
153 100
152 50.2 39.4 59.0
154 87.1 70.2 105.4

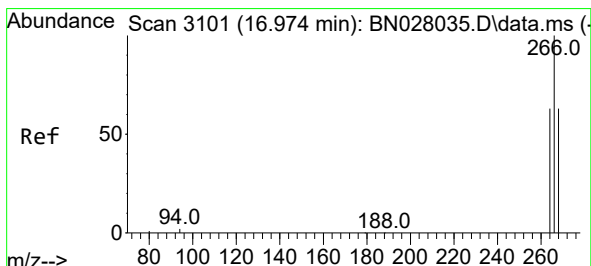
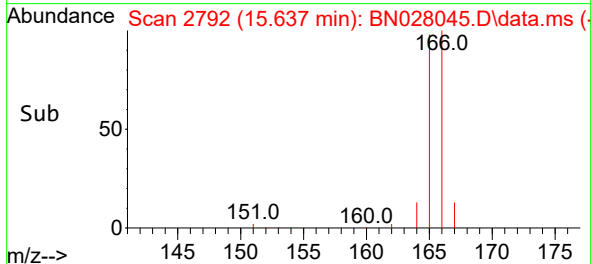
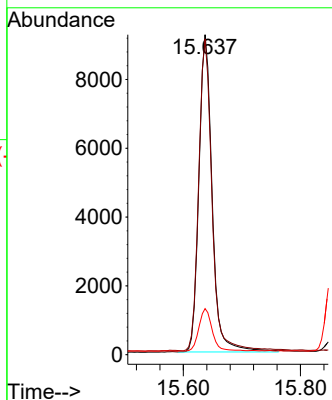
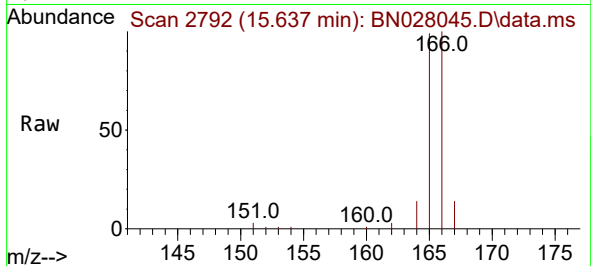




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

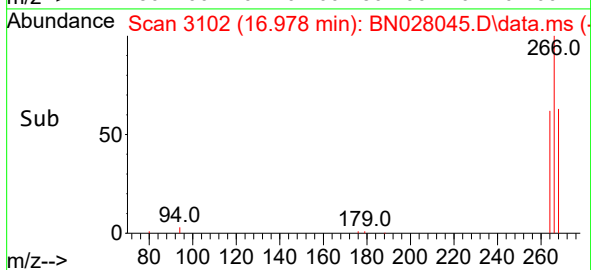
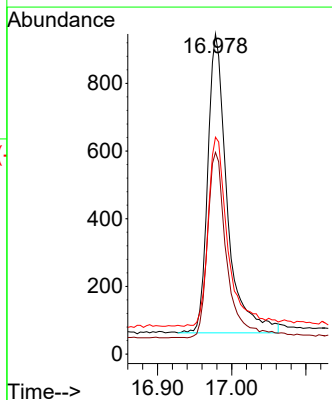
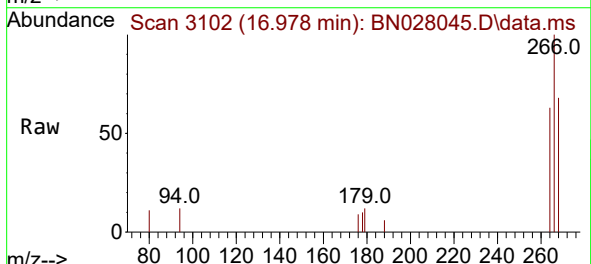
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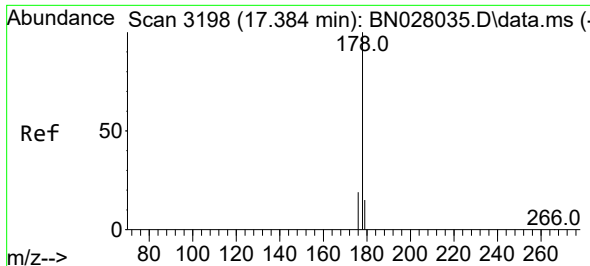
Tgt Ion:166 Resp: 14562
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 14.4 11.2 16.8



#14
Pentachlorophenol
Concen: 0.390 ng/ul
RT: 16.978 min Scan# 3102
Delta R.T. -0.009 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:266 Resp: 1602
Ion Ratio Lower Upper
266 100
264 61.5 49.6 74.4
268 64.9 52.2 78.4

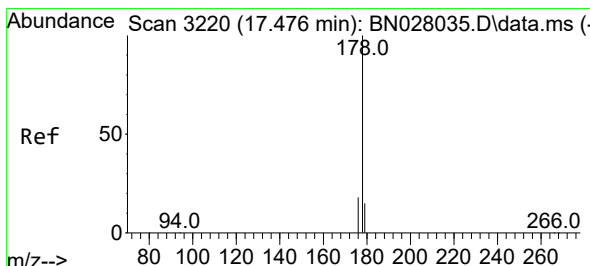
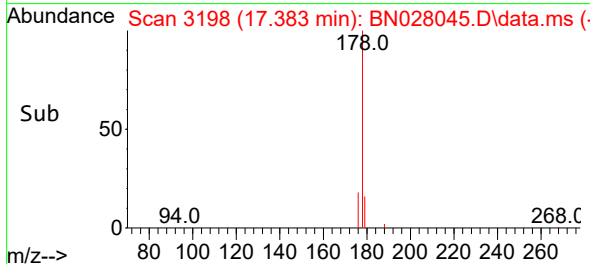
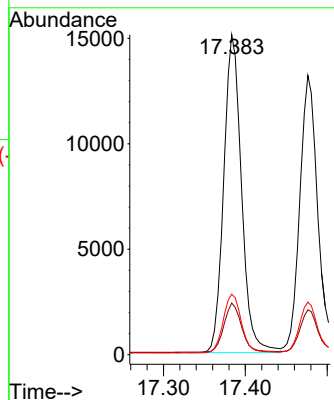
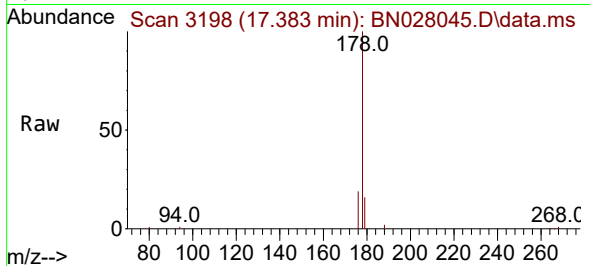




#15
Phenanthrene
Concen: 0.398 ng/ul
RT: 17.383 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

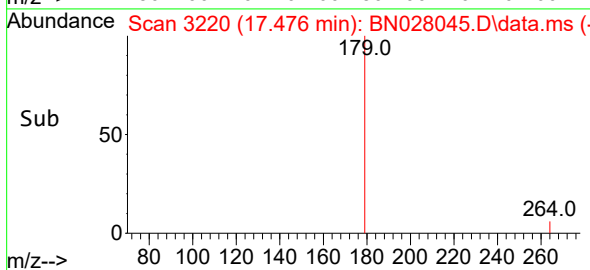
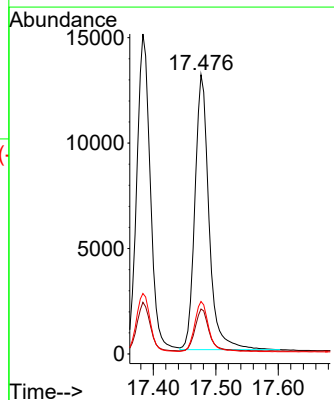
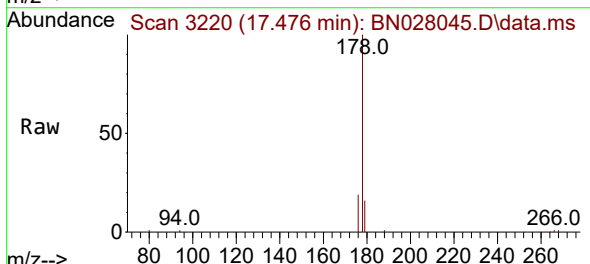
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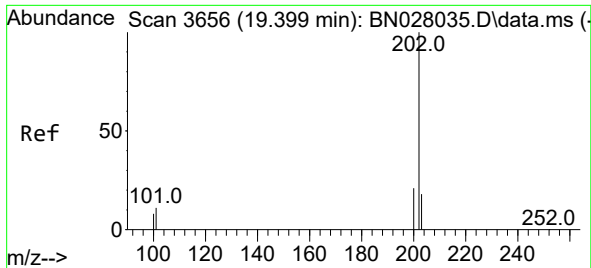
Tgt Ion:178 Resp: 22744
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 18.9 15.5 23.3



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.476 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:178 Resp: 20466
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 18.8 15.0 22.6

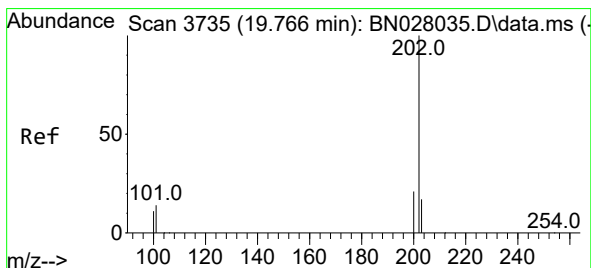
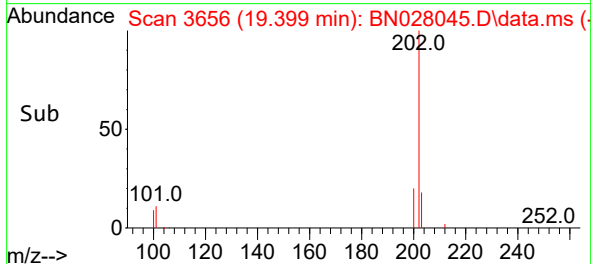
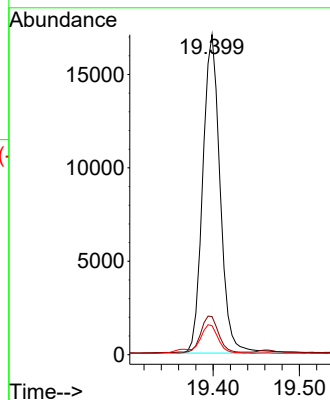
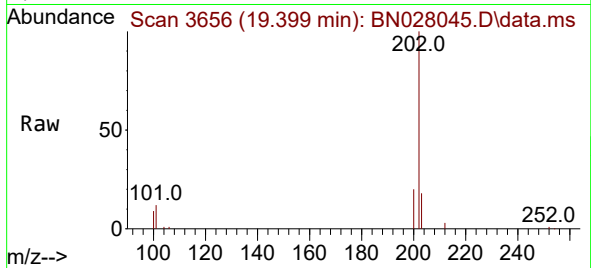




#19
Fluoranthene
Concen: 0.483 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.005 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

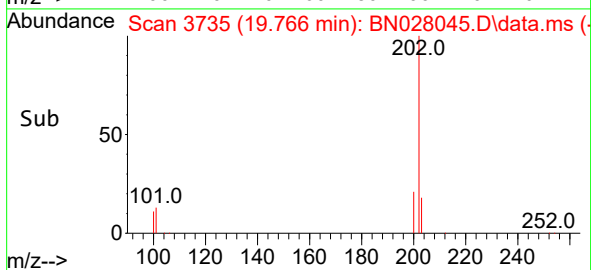
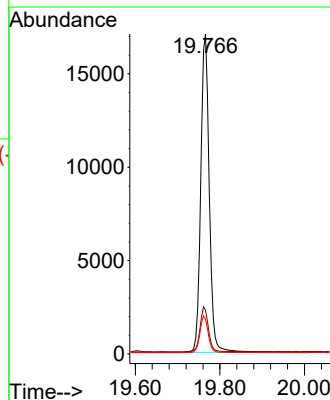
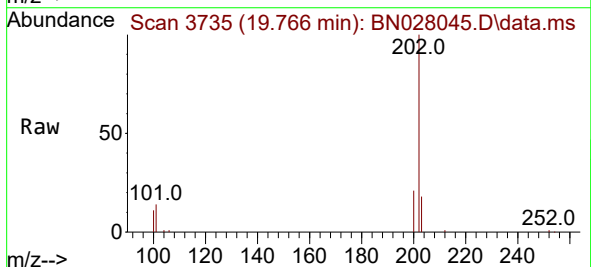
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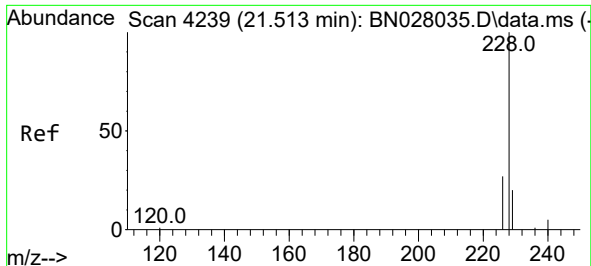
Tgt Ion:202 Resp: 23804
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 9.0 7.4 11.0



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.005 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:202 Resp: 23848
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.9 9.1 13.7

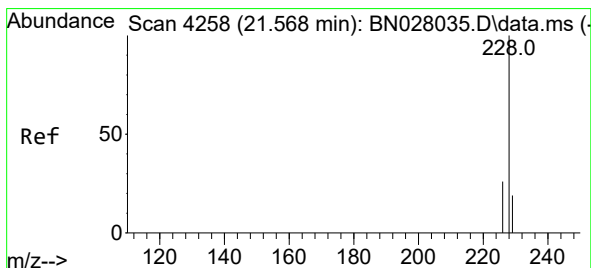
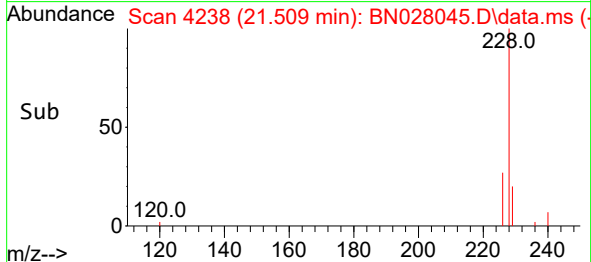
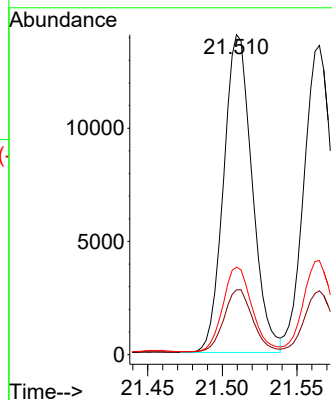
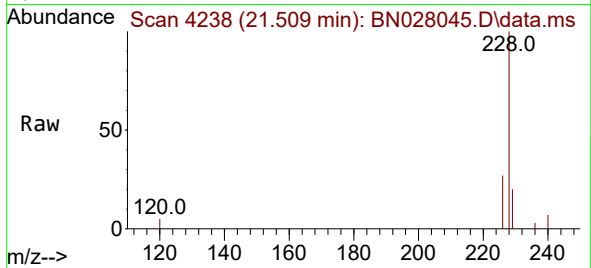




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.509 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

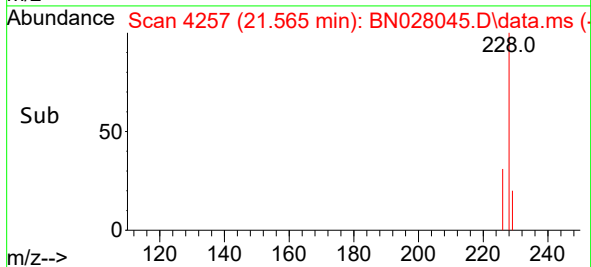
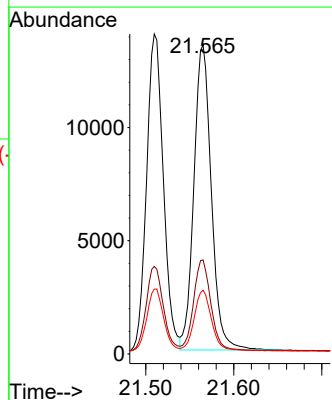
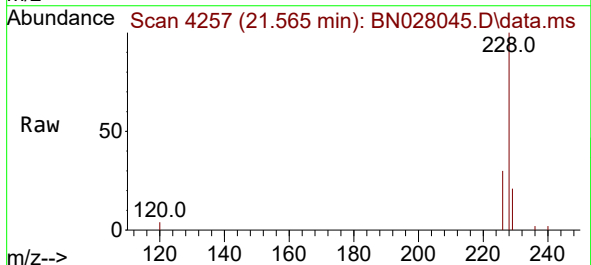
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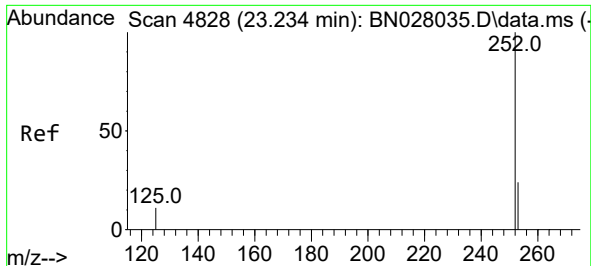
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Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.3 21.5 32.3



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. -0.009 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

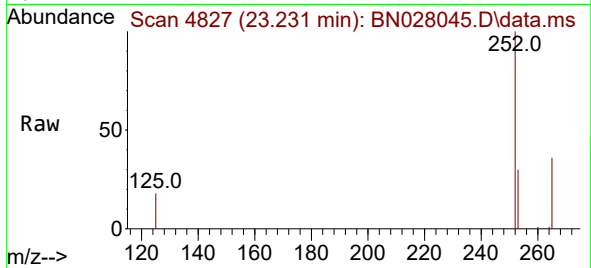
Tgt Ion:228 Resp: 18639
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 20.6 16.0 24.0



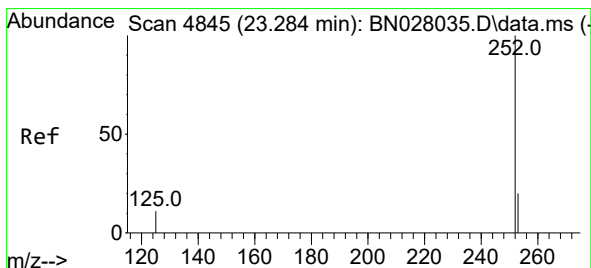
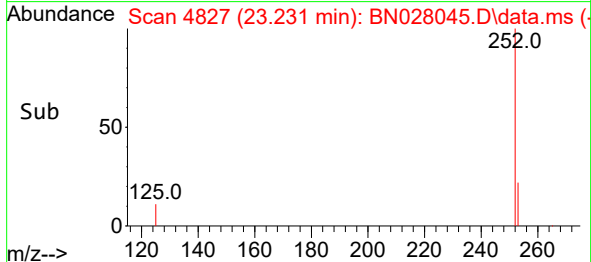
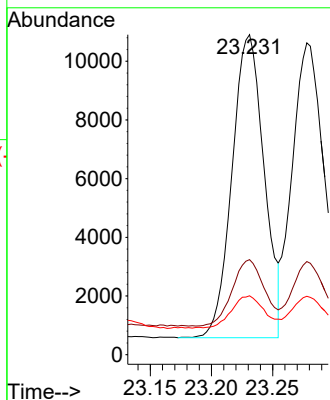


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.231 min Scan# 4827
Delta R.T. -0.009 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

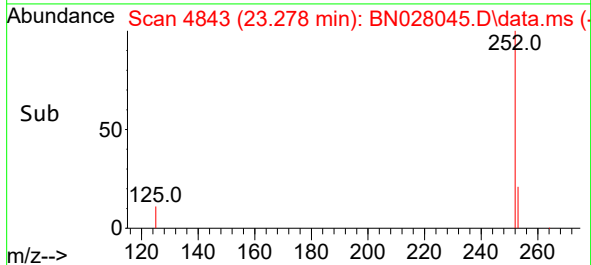
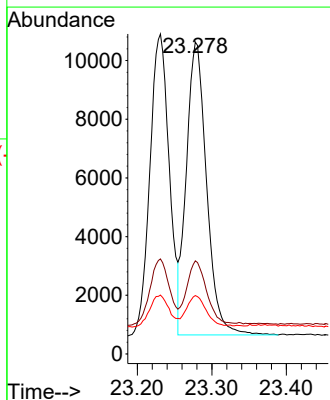
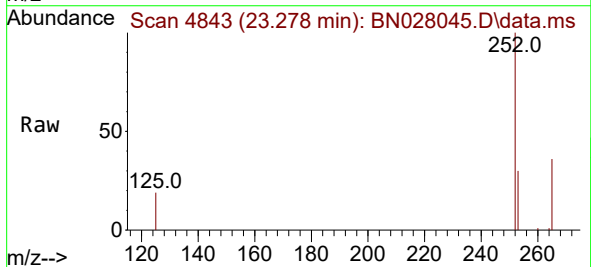


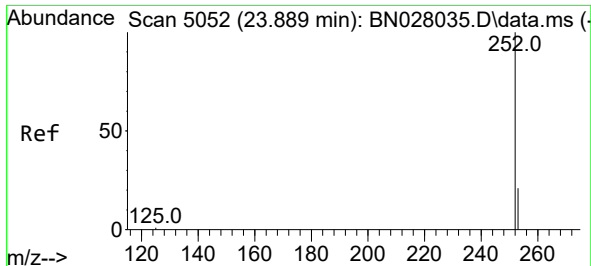
Tgt Ion:252 Resp: 18792
Ion Ratio Lower Upper
252 100
253 29.7 0.0 54.0
125 18.4 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.278 min Scan# 4843
Delta R.T. -0.012 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:252 Resp: 18848
Ion Ratio Lower Upper
252 100
253 29.9 21.8 32.8
125 18.8 12.8 19.2

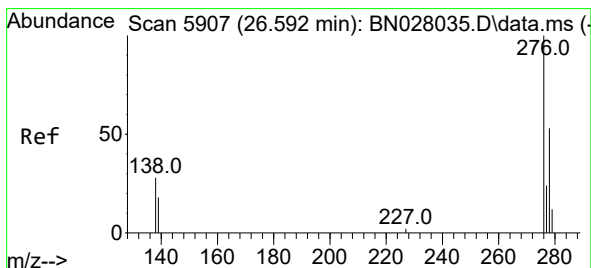
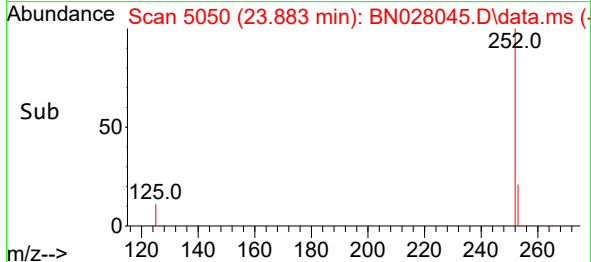
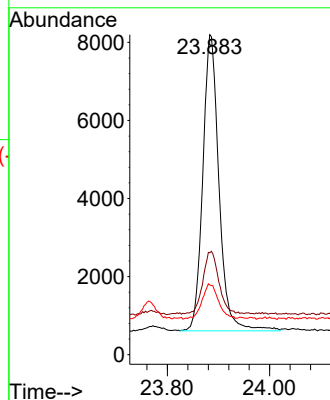
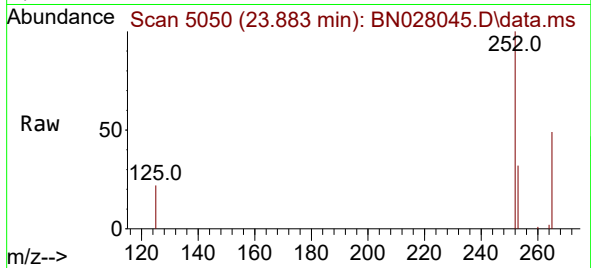




#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.883 min Scan# 5050
Delta R.T. -0.012 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

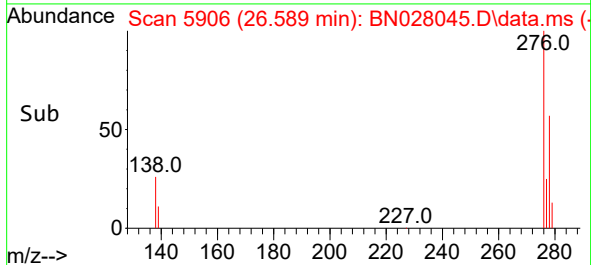
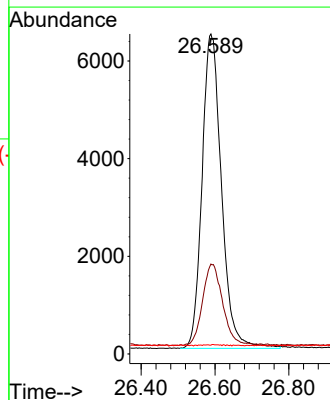
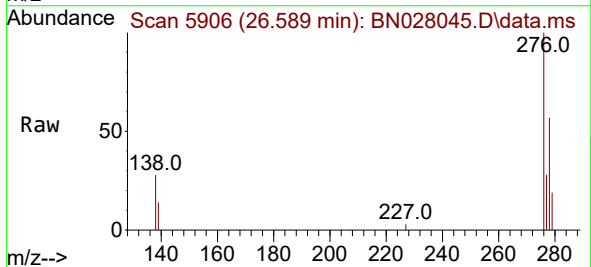
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

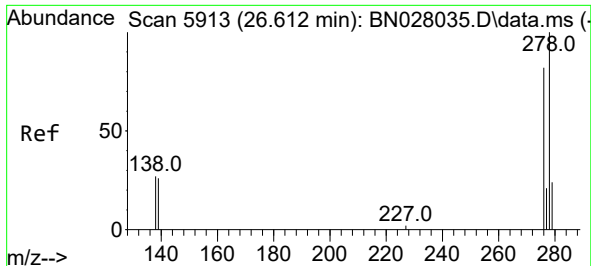
Tgt Ion:252 Resp: 16665
Ion Ratio Lower Upper
252 100
253 31.8 23.4 35.2
125 21.8 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng/ul
RT: 26.589 min Scan# 5906
Delta R.T. -0.014 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:276 Resp: 23549
Ion Ratio Lower Upper
276 100
138 26.7 21.6 32.4
227 0.1 0.2 0.2#

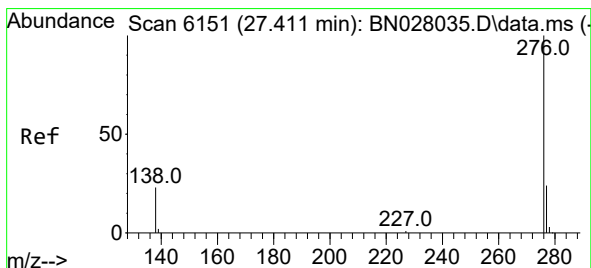
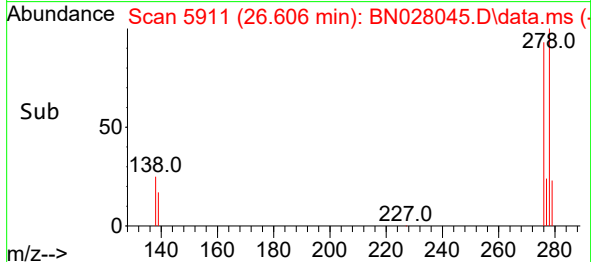
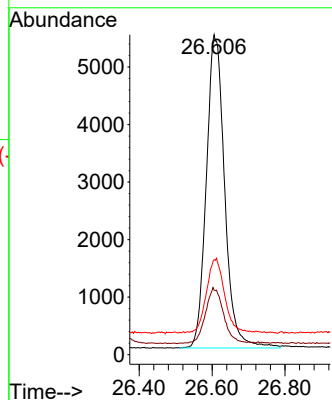
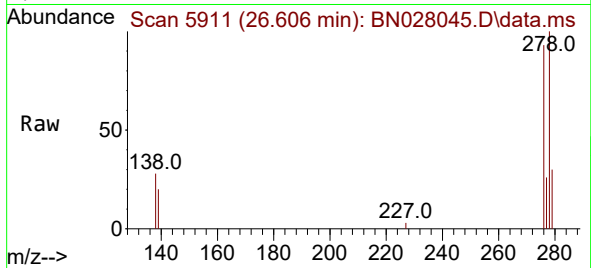




#28
Dibenzo(a,h)anthracene
Concen: 0.459 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. -0.014 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

Tgt Ion:278 Resp: 19041
Ion Ratio Lower Upper
278 100
139 20.2 15.9 23.9
279 29.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 27.400 min Scan# 6148
Delta R.T. -0.020 min
Lab File: BN028045.D
Acq: 04 Oct 2023 21:55

Tgt Ion:276 Resp: 20025
Ion Ratio Lower Upper
276 100
138 25.2 19.8 29.6
277 26.3 20.6 31.0

