

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111323\
 Data File : BN028578.D
 Acq On : 13 Nov 2023 11:33
 Operator : MA/JU
 Sample : PB156720BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS720

Quant Time: Nov 13 12:02:17 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)

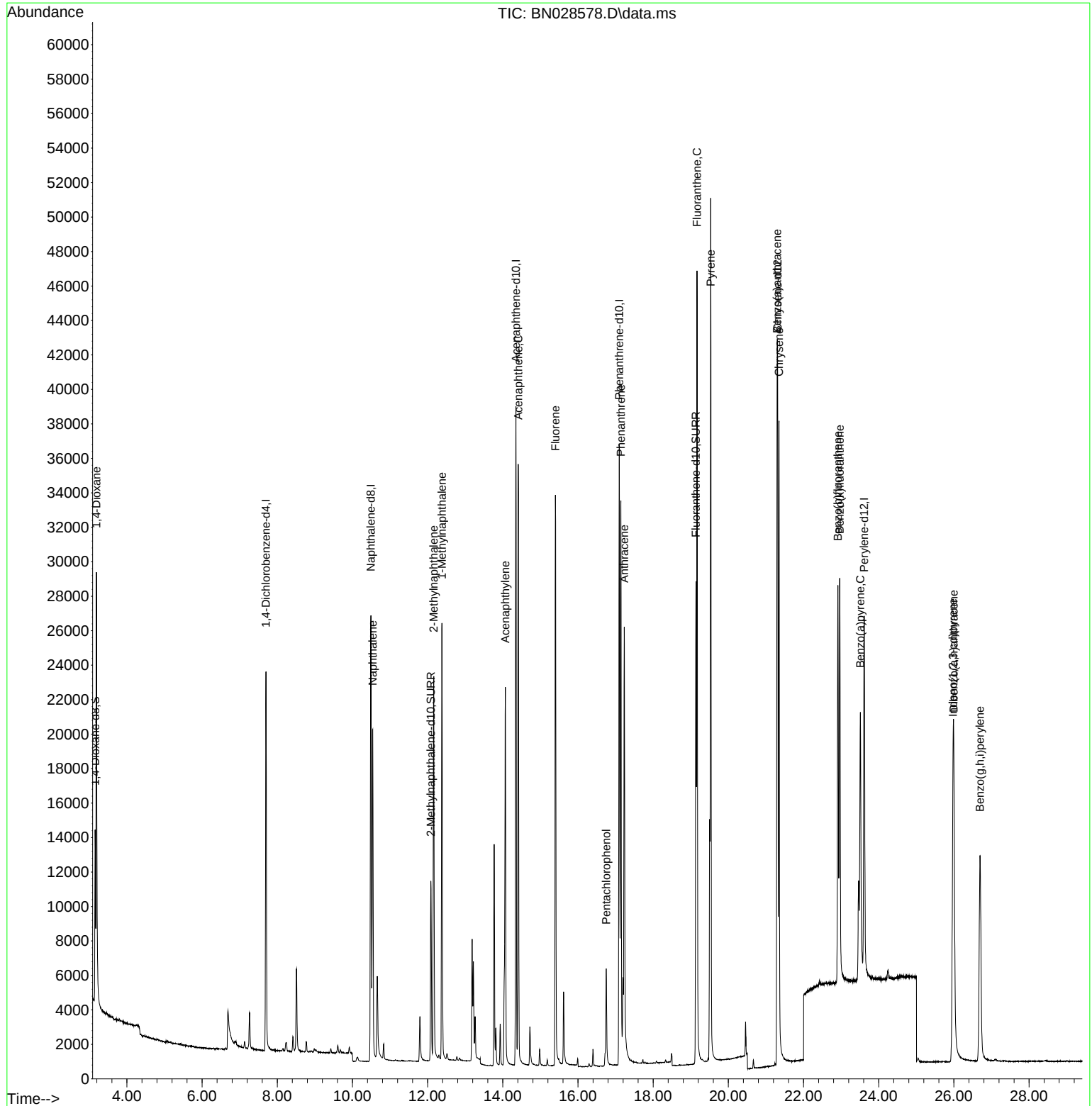
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	11567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	36310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	20915	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	44737	0.400	ng/ul	0.00
17) Chrysene-d12	21.311	240	30114	0.400	ng/ul	0.00
23) Perylene-d12	23.614	264	28269	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	6773	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.085	152	14165	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	30879	0.319	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	16000	1.132	ng/ul#	81
5) Naphthalene	10.540	128	26646	0.262	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	16755	0.250	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	17981	0.264	ng/ul	99
10) Acenaphthylene	14.067	152	25234	0.242	ng/ul	100
11) Acenaphthene	14.409	153	19971	0.260	ng/ul	99
12) Fluorene	15.399	166	22242	0.249	ng/ul	98
14) Pentachlorophenol	16.753	266	4147	0.386	ng/ul	99
15) Phenanthrene	17.141	178	35820	0.261	ng/ul	100
16) Anthracene	17.230	178	30483	0.242	ng/ul	99
19) Fluoranthene	19.164	202	39920	0.312	ng/ul	100
20) Pyrene	19.532	202	41465	0.312	ng/ul	99
21) Benzo(a)anthracene	21.296	228	30244	0.254	ng/ul	99
22) Chrysene	21.349	228	32106	0.276	ng/ul	99
24) Benzo(b)fluoranthene	22.915	252	30012	0.283	ng/ul	97
25) Benzo(k)fluoranthene	22.962	252	31443	0.283	ng/ul	96
26) Benzo(a)pyrene	23.512	252	24675	0.246	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.975	276	30130	0.271	ng/ul	100
28) Dibenzo(a,h)anthracene	25.998	278	22137	0.249	ng/ul	98
29) Benzo(g,h,i)perylene	26.693	276	27494	0.302	ng/ul	98

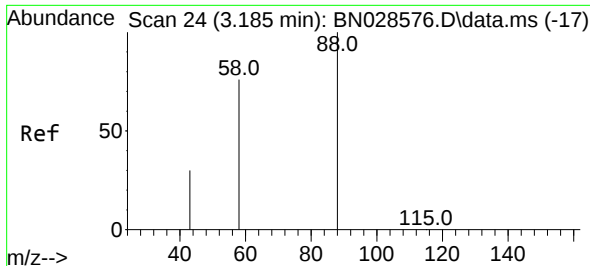
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 13 12:02:17 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:30:32 2023
Response via : Initial Calibration

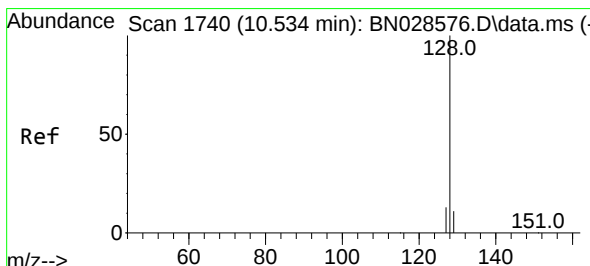
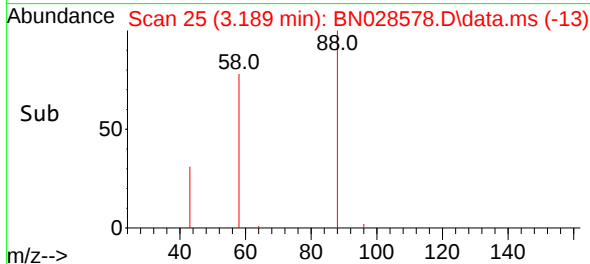
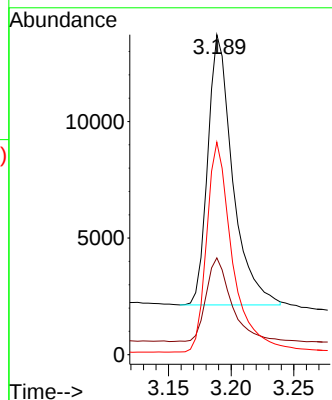
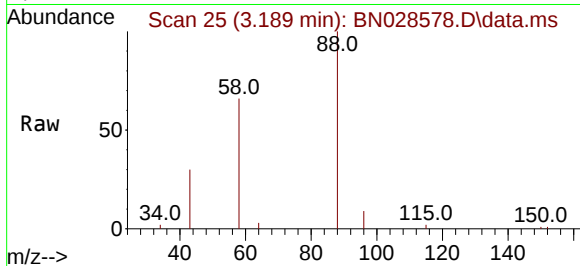




#2
1,4-Dioxane
Concen: 1.132 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

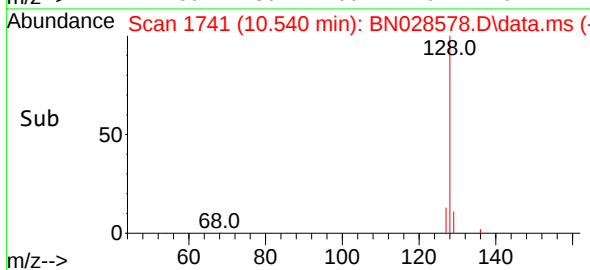
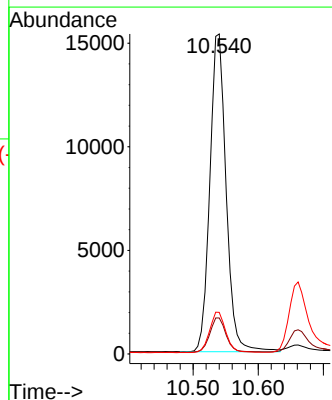
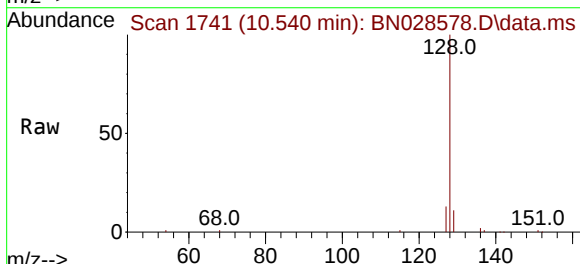
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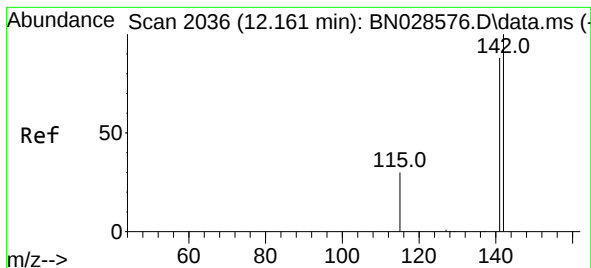
Tgt Ion: 88 Resp: 16000
Ion Ratio Lower Upper
88 100
43 30.2 32.9 49.3#
58 66.4 41.8 62.8#



#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion: 128 Resp: 26646
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.7 16.1

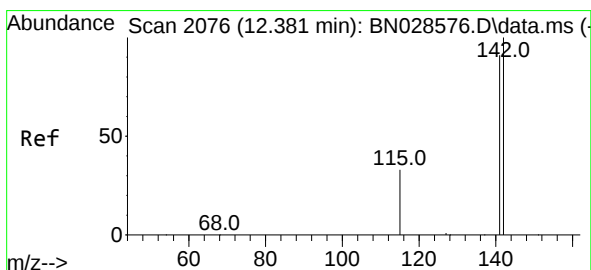
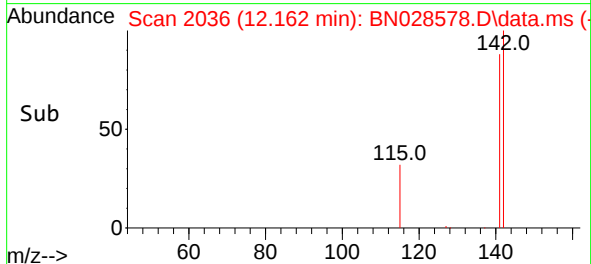
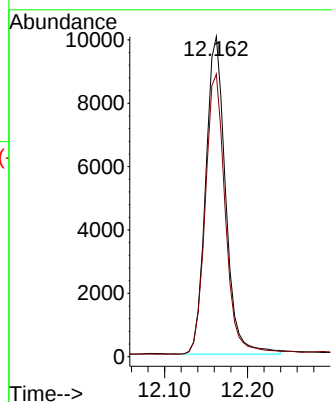
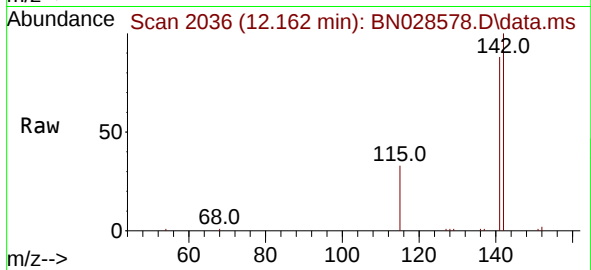




#7
2-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

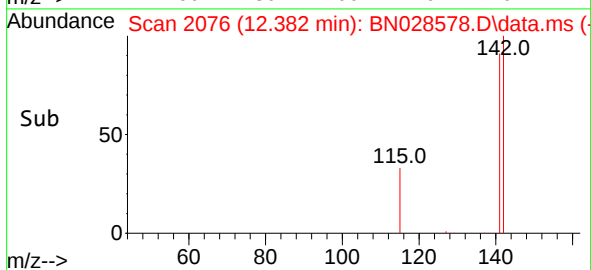
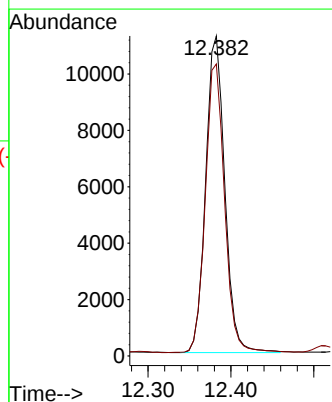
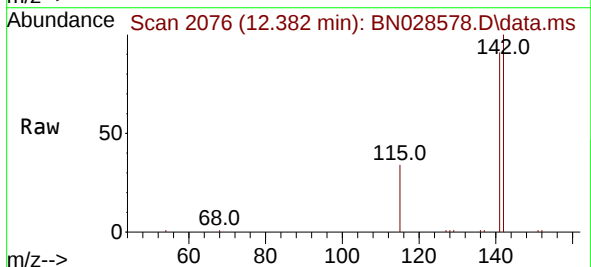
Instrument :
BNA_N
ClientSampleId :
SLCS720

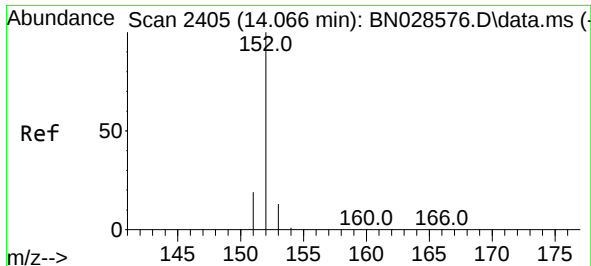
Tgt Ion:142 Resp: 16755
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:142 Resp: 17981
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

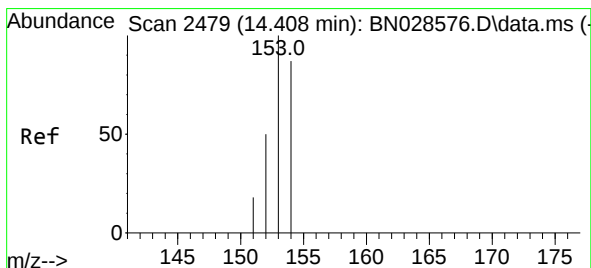
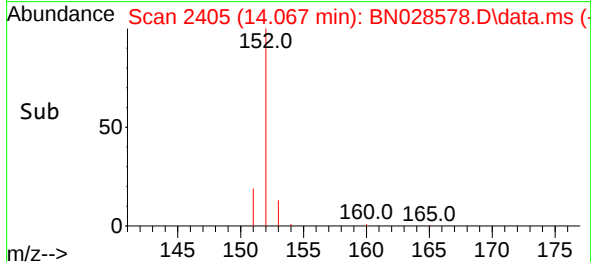
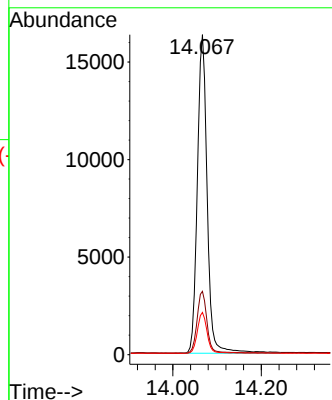
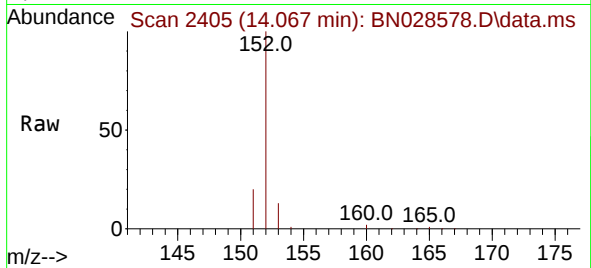




#10
Acenaphthylene
Concen: 0.242 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

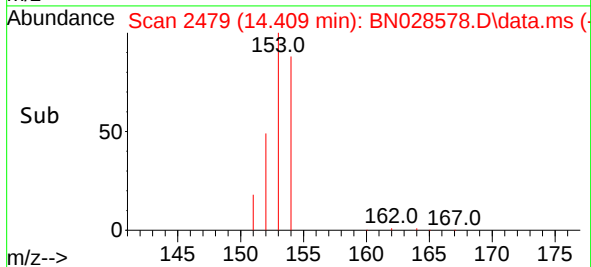
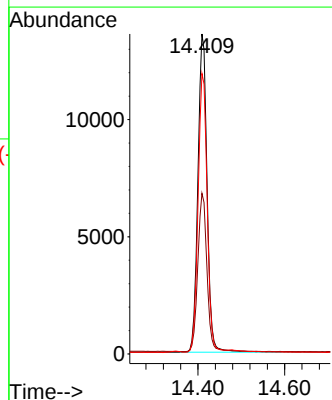
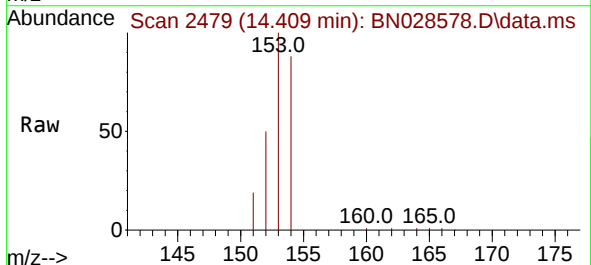
Instrument :
BNA_N
ClientSampleId :
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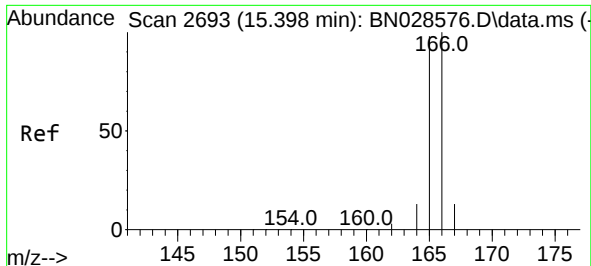
Tgt Ion:152 Resp: 25234
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.6 15.8



#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.409 min Scan# 2479
Delta R.T. -0.008 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:153 Resp: 19971
Ion Ratio Lower Upper
153 100
152 50.2 39.6 59.4
154 87.6 71.0 106.6

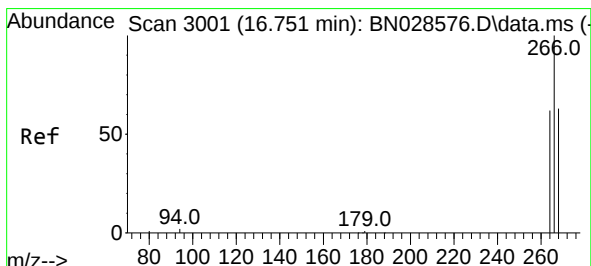
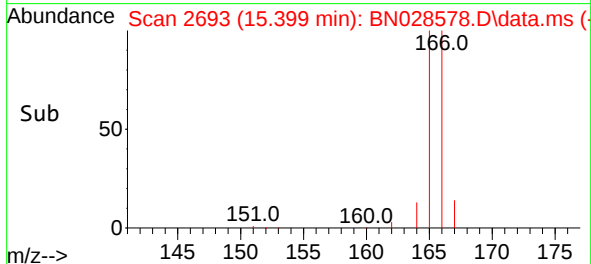
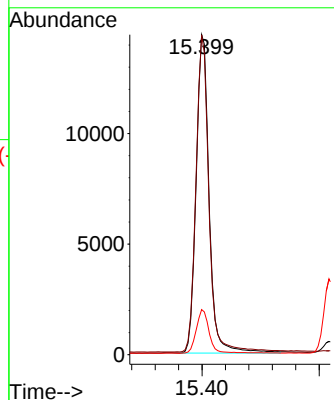
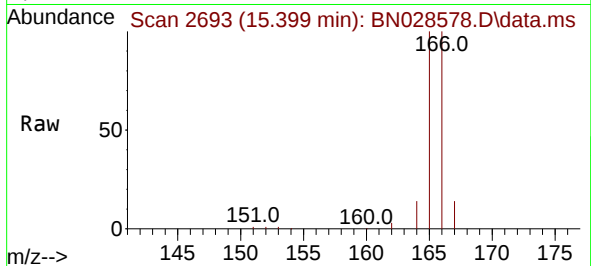




#12
Fluorene
Concen: 0.249 ng/ul
RT: 15.399 min Scan# 20
Delta R.T. -0.008 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

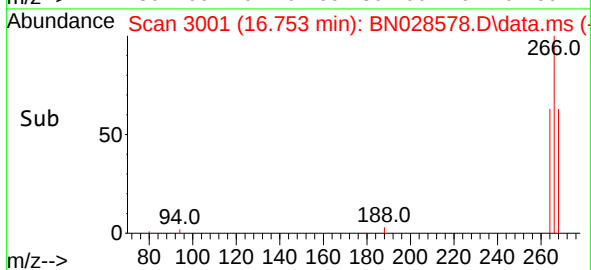
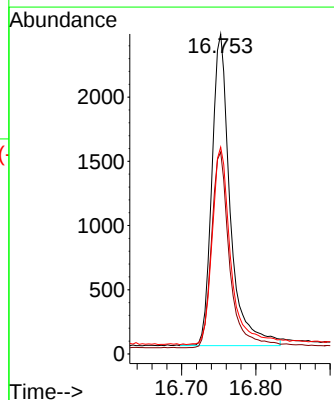
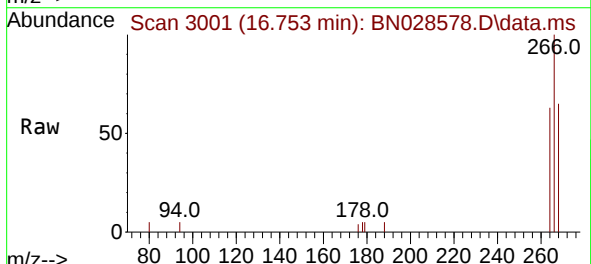
Instrument :
BNA_N
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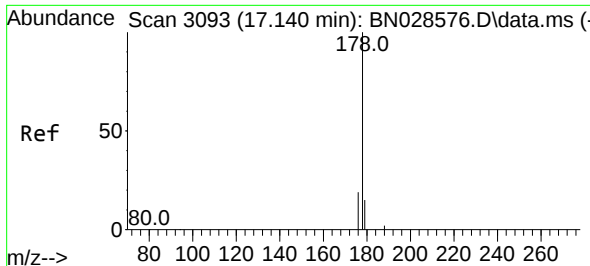
Tgt Ion:166 Resp: 22242
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 14.1 11.0 16.6



#14
Pentachlorophenol
Concen: 0.386 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:266 Resp: 4147
Ion Ratio Lower Upper
266 100
264 62.6 50.1 75.1
268 64.1 50.6 75.8

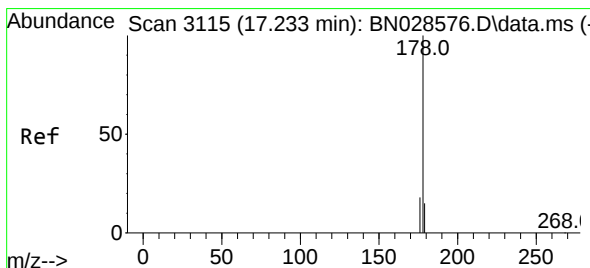
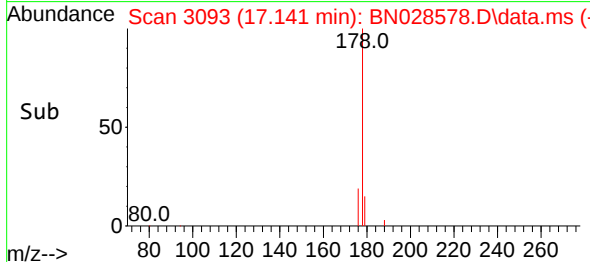
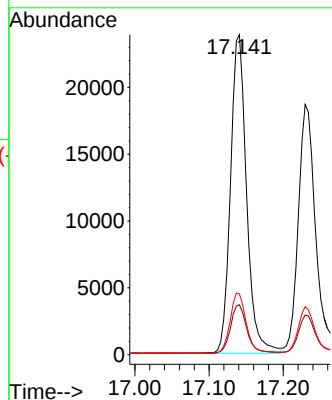
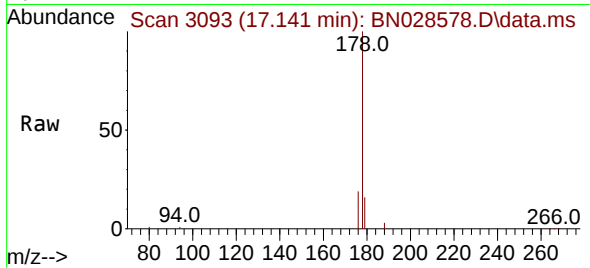




#15
Phenanthrene
Concen: 0.261 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

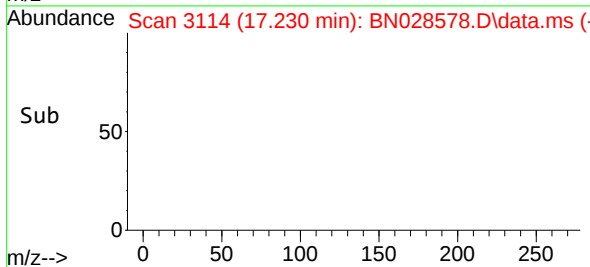
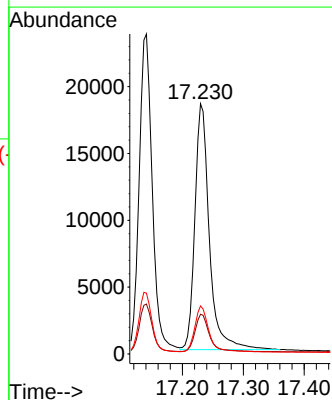
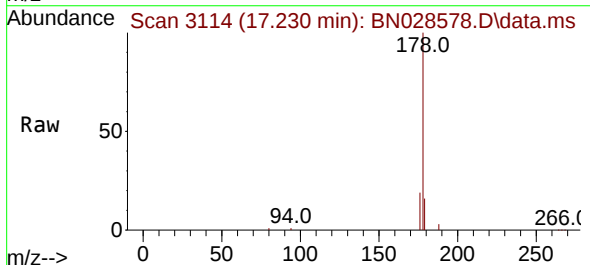
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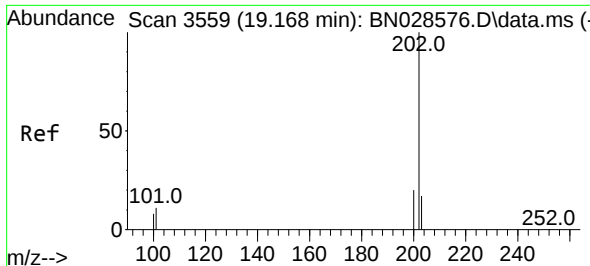
Tgt Ion:178 Resp: 35820
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.0 15.4 23.2



#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.230 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:178 Resp: 30483
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.2 14.9 22.3

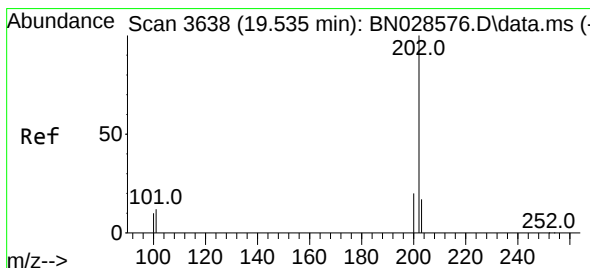
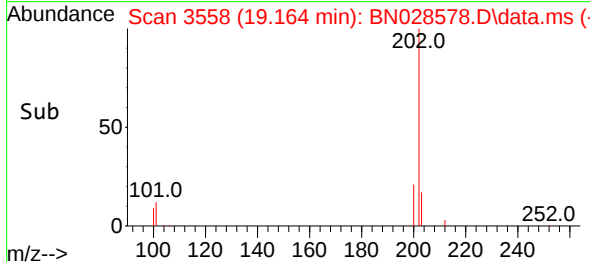
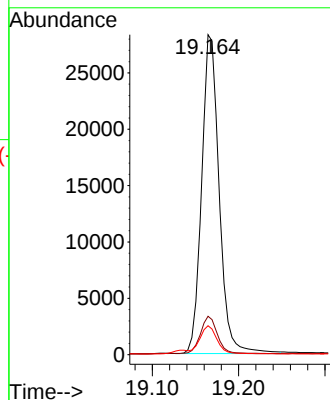
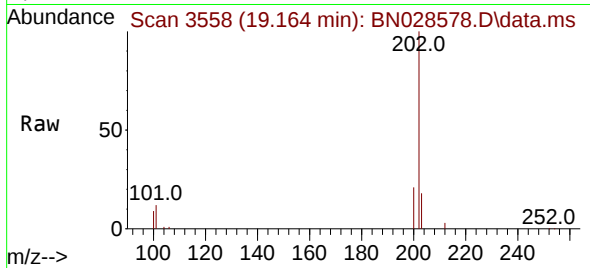




#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 19.164 min Scan# 3558
Delta R.T. -0.008 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

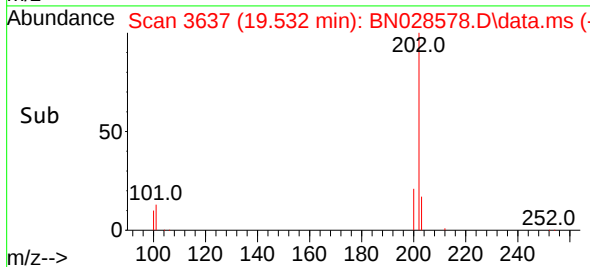
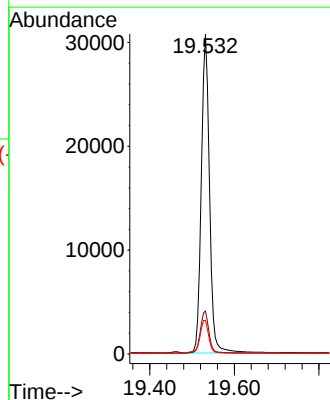
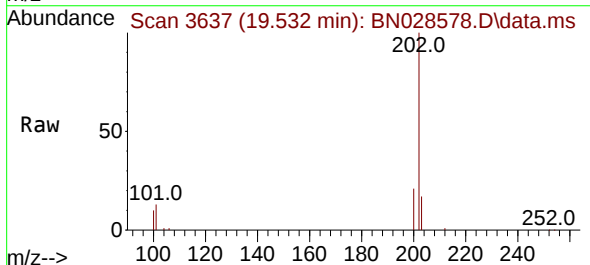
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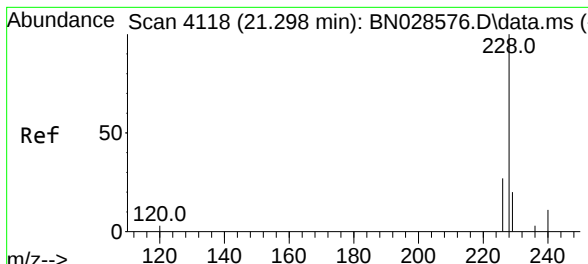
Tgt Ion:202 Resp: 39920
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.1 7.2 10.8



#20
Pyrene
Concen: 0.312 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:202 Resp: 41465
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.5 8.2 12.2

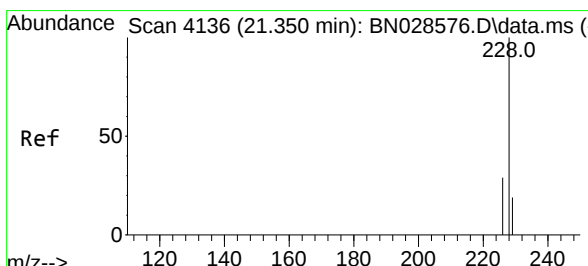
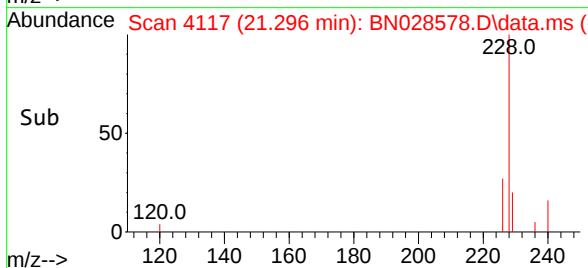
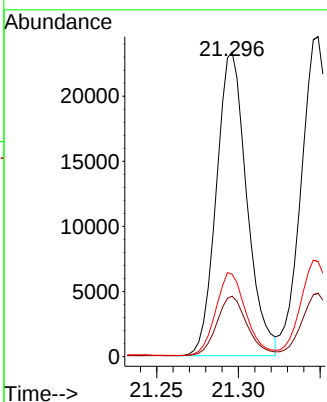
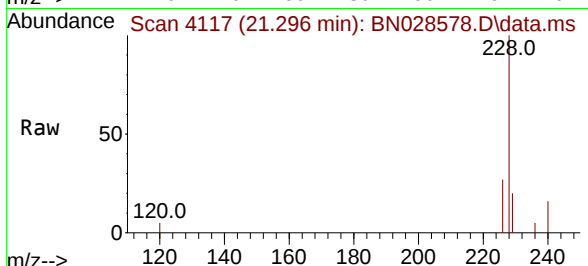




#21
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

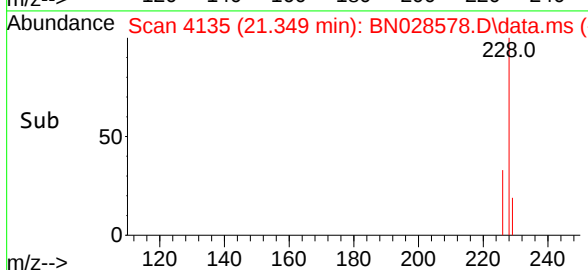
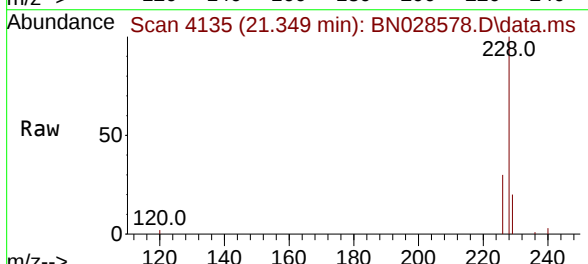
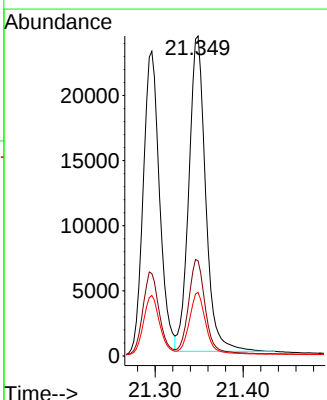
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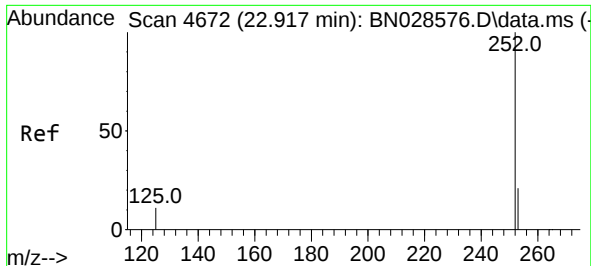
Tgt Ion:	228	Resp:	30244
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.7	23.5
226	27.0	21.4	32.0



#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:	228	Resp:	32106
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.8
229	19.8	15.4	23.2

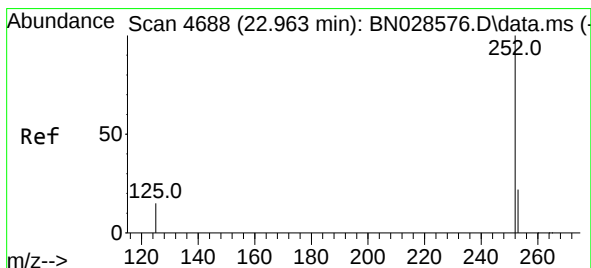
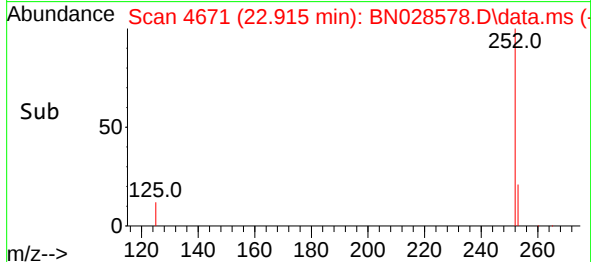
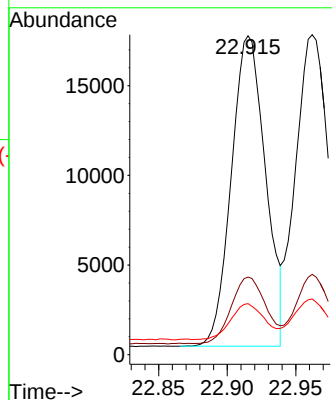
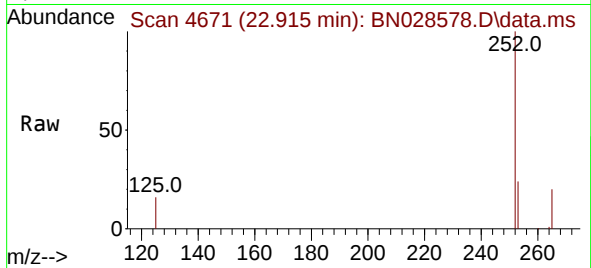




#24
Benzo(b)fluoranthene
Concen: 0.283 ng/ul
RT: 22.915 min Scan# 4671
Delta R.T. -0.013 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

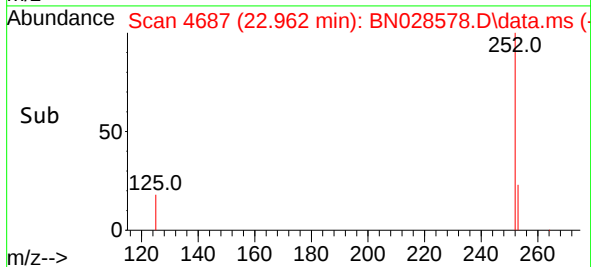
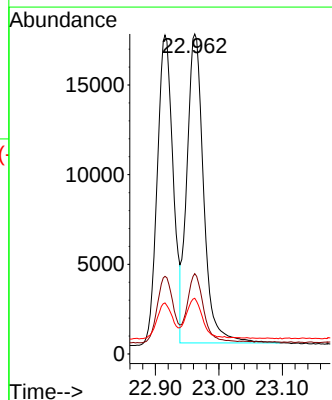
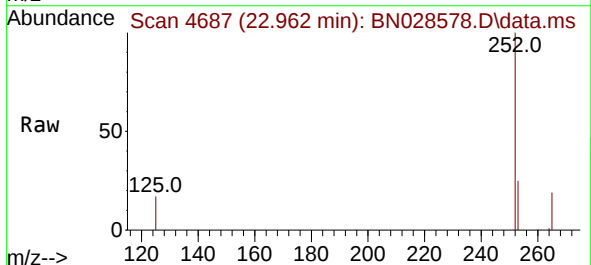
Instrument :
BNA_N
ClientSampleId :
SLCS720

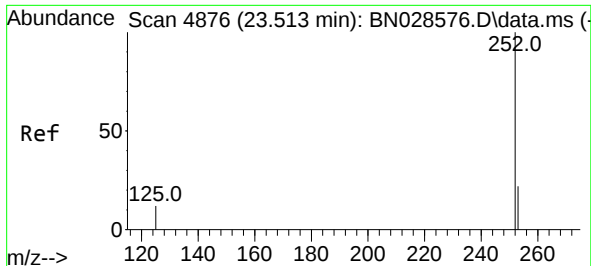
Tgt Ion:252 Resp: 30012
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.6
125 16.0 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul
RT: 22.962 min Scan# 4687
Delta R.T. -0.013 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:252 Resp: 31443
Ion Ratio Lower Upper
252 100
253 25.1 18.6 28.0
125 17.4 12.7 19.1

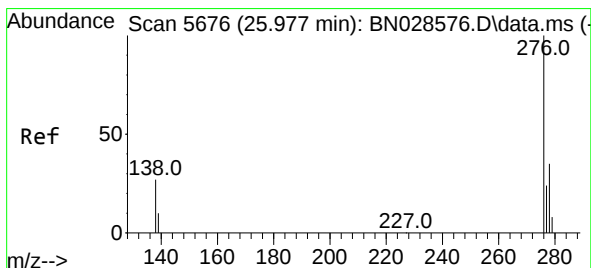
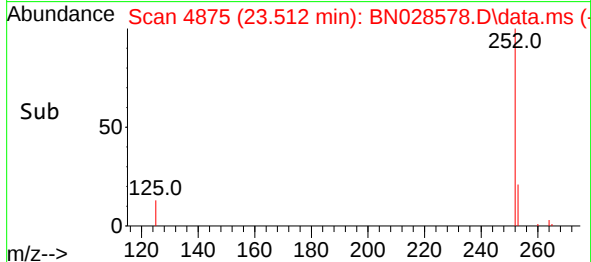
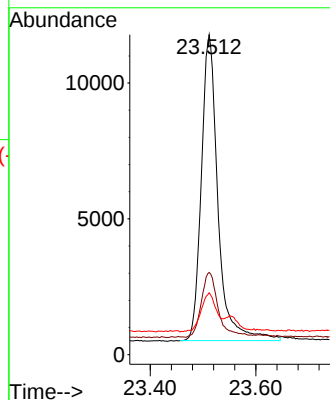
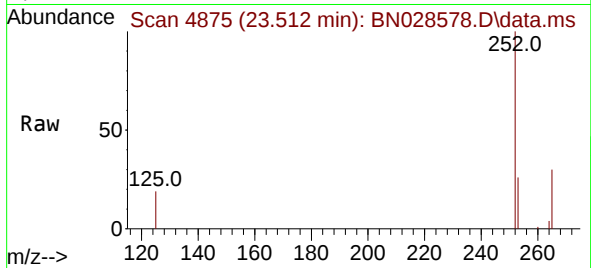




#26
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 23.512 min Scan# 4876
Delta R.T. -0.013 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

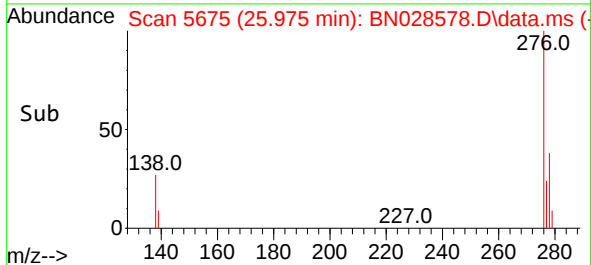
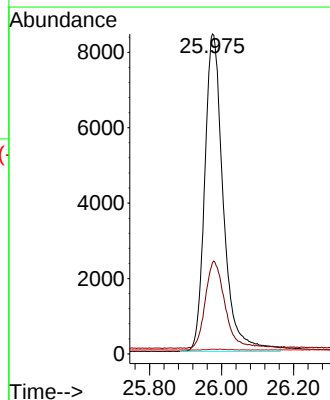
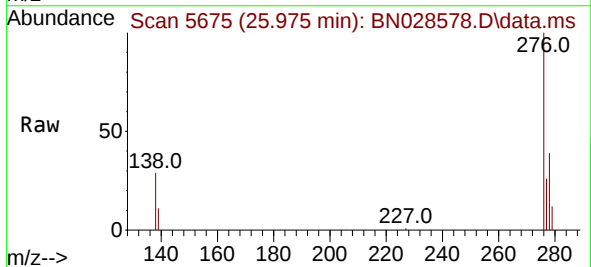
Instrument :
BNA_N
ClientSampleId :
SLCS720

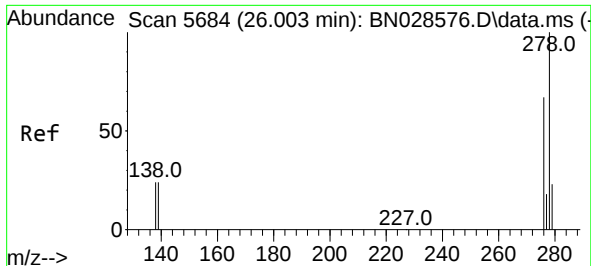
Tgt Ion:252 Resp: 24675
Ion Ratio Lower Upper
252 100
253 25.7 19.0 28.6
125 19.4 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng/ul
RT: 25.975 min Scan# 5675
Delta R.T. -0.019 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:276 Resp: 30130
Ion Ratio Lower Upper
276 100
138 29.5 23.8 35.6
227 0.1 0.1 0.1

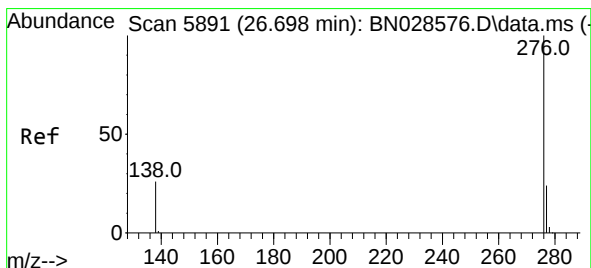
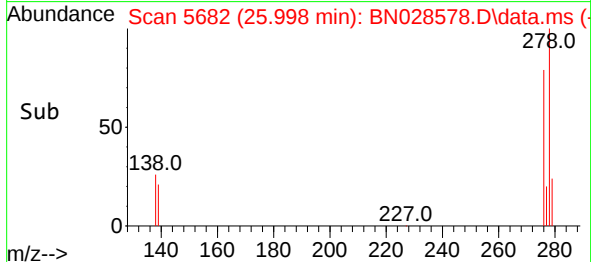
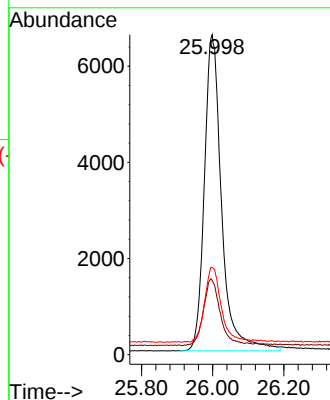
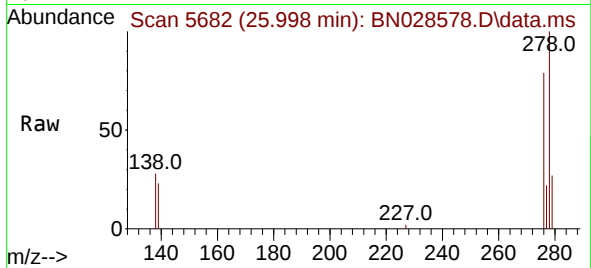




#28
Dibenzo(a,h)anthracene
Concen: 0.249 ng/ul
RT: 25.998 min Scan# 5682
Delta R.T. -0.019 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Instrument :
BNA_N
ClientSampleId :
SLCS720

Tgt Ion:278 Resp: 22137
Ion Ratio Lower Upper
278 100
139 23.2 18.2 27.4
279 27.3 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 26.693 min Scan# 5889
Delta R.T. -0.025 min
Lab File: BN028578.D
Acq: 13 Nov 2023 11:33

Tgt Ion:276 Resp: 27494
Ion Ratio Lower Upper
276 100
138 27.4 20.5 30.7
277 24.5 19.4 29.0

