

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035256.D
 Acq On : 23 Nov 2024 00:22
 Operator : RC/JU
 Sample : PB165099BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS099

Quant Time: Nov 23 00:51:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

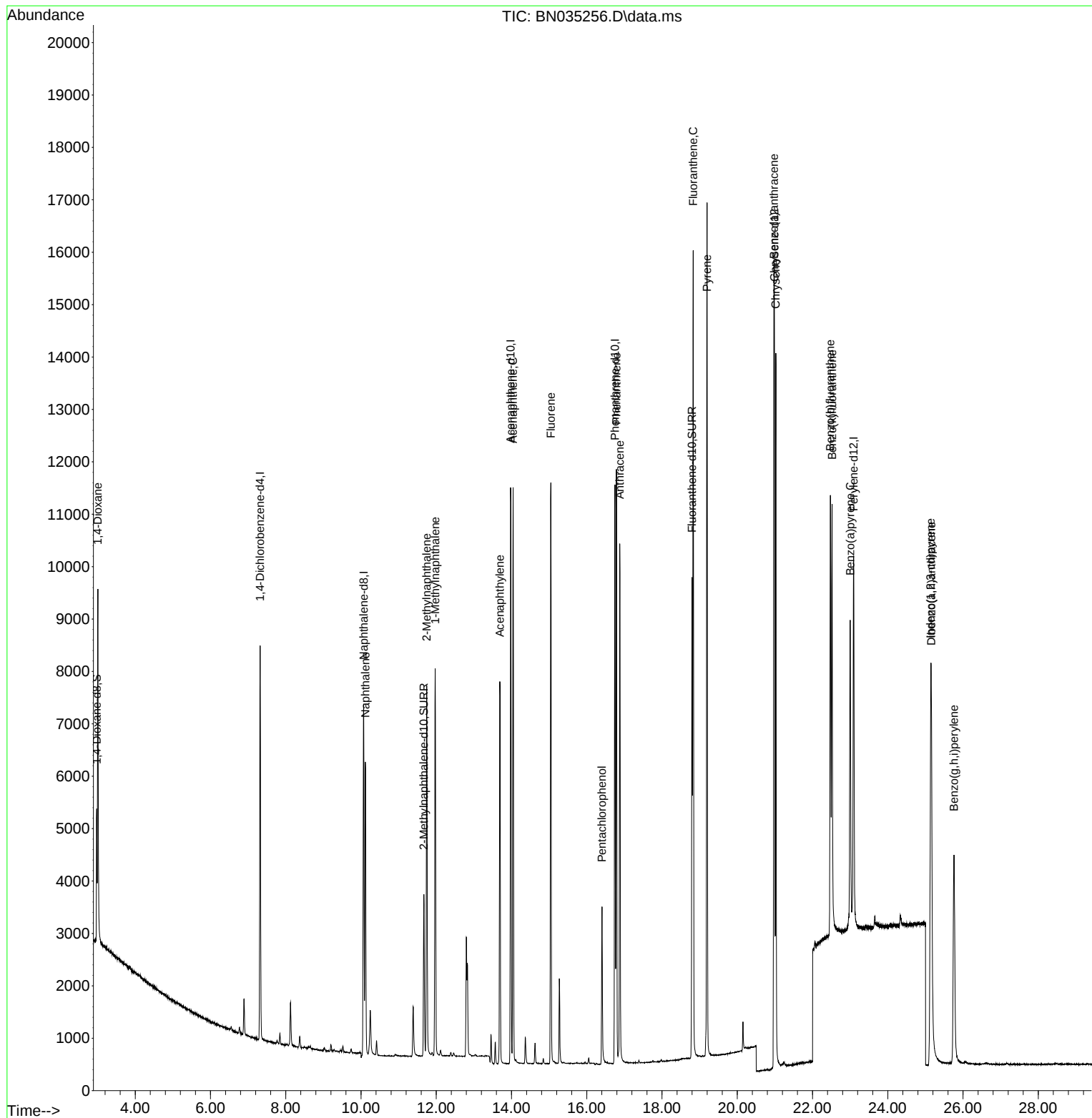
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	3718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	9412	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.977	164	5930	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	13279	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	9950	0.400	ng/ul	# 0.00
23) Perylene-d12	23.092	264	8640	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	1723	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	4211	0.305	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	10277	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.005	88	4894	1.327	ng/ul#	89
5) Naphthalene	10.113	128	7549	0.318	ng/ul	99
7) 2-Methylnaphthalene	11.747	142	5106	0.310	ng/ul	97
8) 1-Methylnaphthalene	11.972	142	5217	0.314	ng/ul	99
10) Acenaphthylene	13.690	152	8117	0.345	ng/ul	100
11) Acenaphthene	14.041	153	6028	0.335	ng/ul	97
12) Fluorene	15.045	166	6877	0.326	ng/ul	99
14) Pentachlorophenol	16.405	266	2052	0.663	ng/ul	99
15) Phenanthrene	16.789	178	11522	0.328	ng/ul	99
16) Anthracene	16.878	178	10250	0.315	ng/ul	100
19) Fluoranthene	18.828	202	13291	0.384	ng/ul#	94
20) Pyrene	19.195	202	13612	0.378	ng/ul#	91
21) Benzo(a)anthracene	20.973	228	11117	0.322	ng/ul	99
22) Chrysene	21.023	228	11742	0.338	ng/ul	100
24) Benzo(b)fluoranthene	22.475	252	9660	0.338	ng/ul	95
25) Benzo(k)fluoranthene	22.519	252	10576	0.359	ng/ul#	95
26) Benzo(a)pyrene	23.001	252	8563	0.328	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.141	276	10525	0.299	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.158	278	7921	0.287	ng/ul#	92
29) Benzo(g,h,i)perylene	25.762	276	8291	0.298	ng/ul#	93

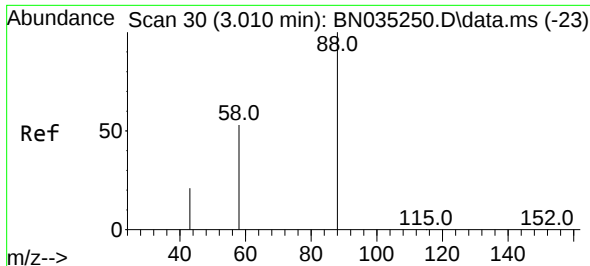
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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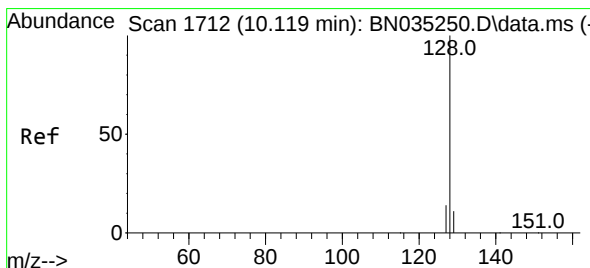
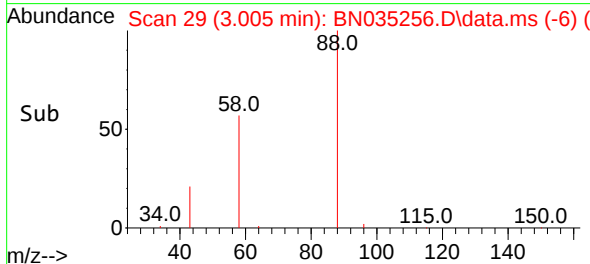
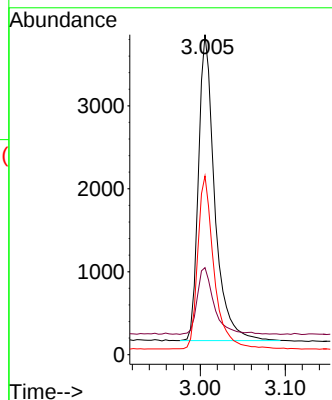
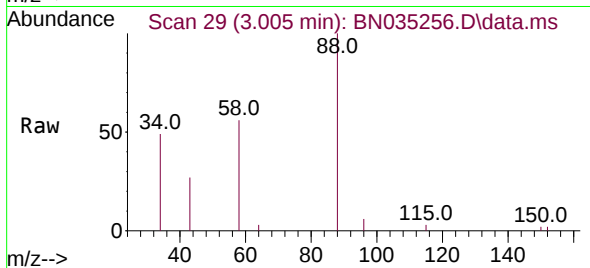




#2
 1,4-Dioxane
 Concen: 1.327 ng/ul
 RT: 3.005 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN035256.D
 Acq: 23 Nov 2024 00:22

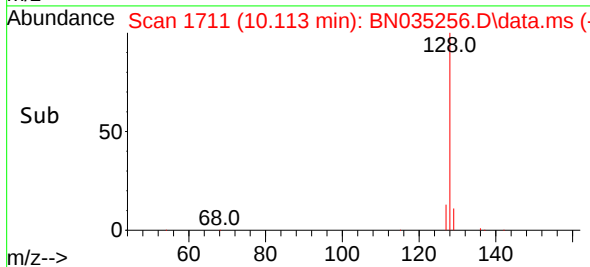
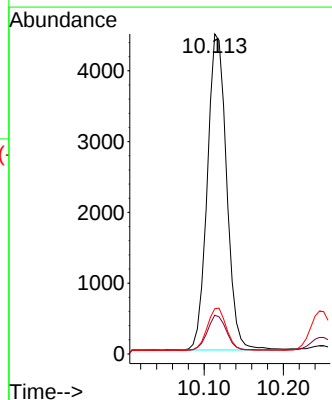
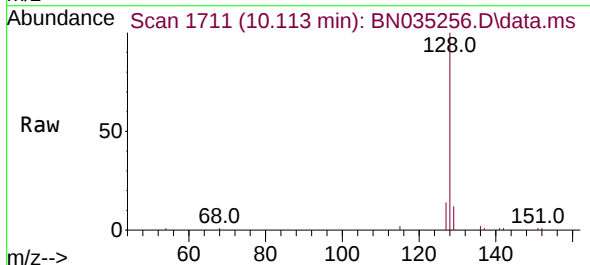
Instrument :
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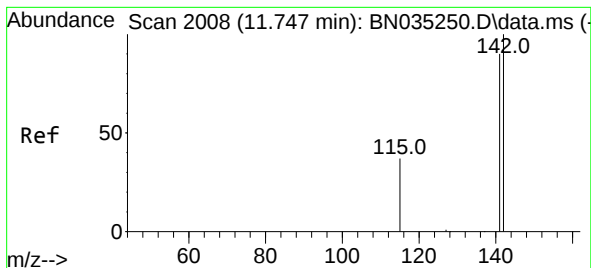
Tgt Ion: 88 Resp: 4894
 Ion Ratio Lower Upper
 88 100
 43 27.2 20.6 31.0
 58 55.8 36.2 54.4#



#5
 Naphthalene
 Concen: 0.318 ng/ul
 RT: 10.113 min Scan# 1711
 Delta R.T. -0.005 min
 Lab File: BN035256.D
 Acq: 23 Nov 2024 00:22

Tgt Ion:128 Resp: 7549
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.9 14.9
 127 14.2 11.4 17.2

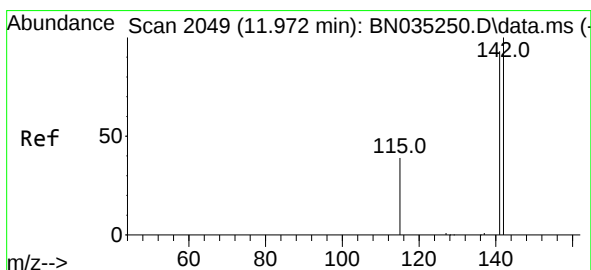
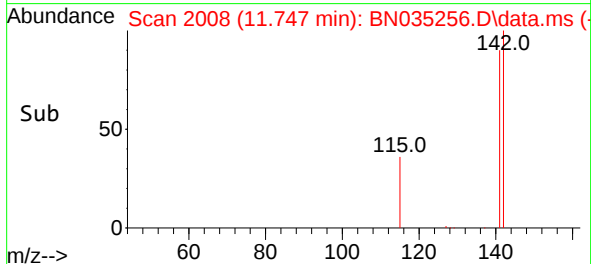
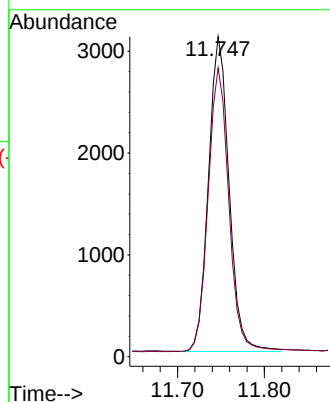
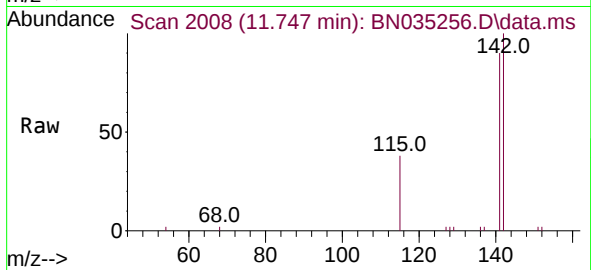




#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 11.747 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

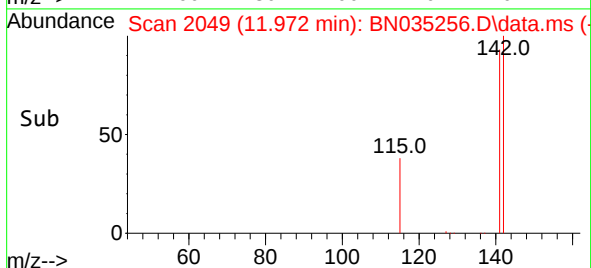
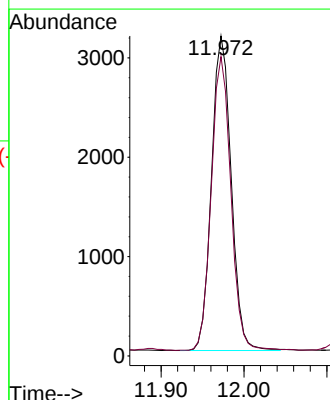
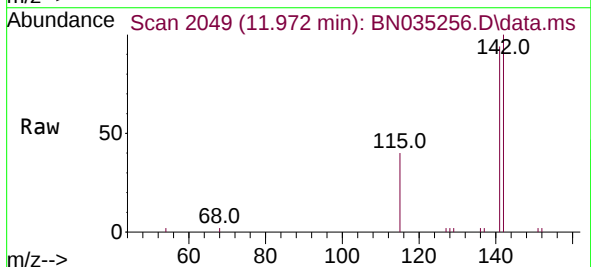
Instrument :
BNA_N
ClientSampleId :
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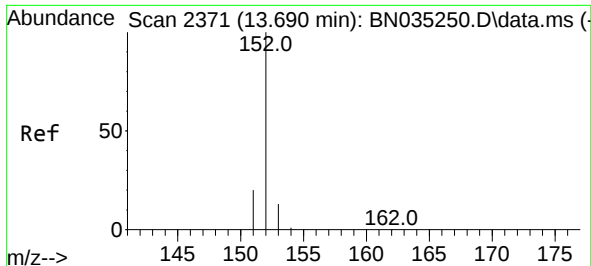
Tgt Ion:142 Resp: 5106
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:142 Resp: 5217
Ion Ratio Lower Upper
142 100
141 92.8 73.1 109.7

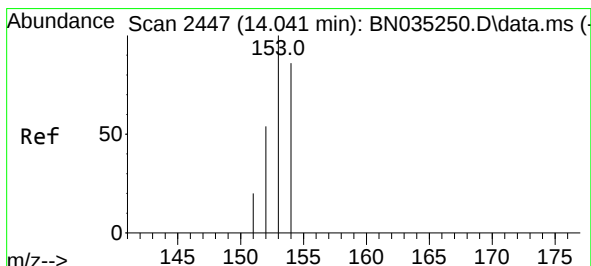
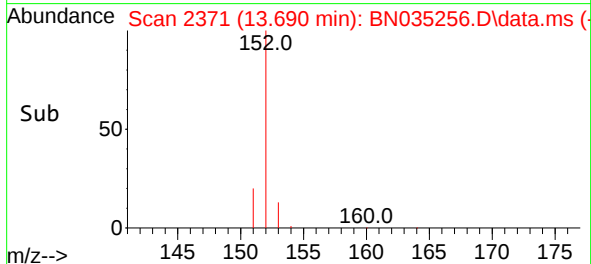
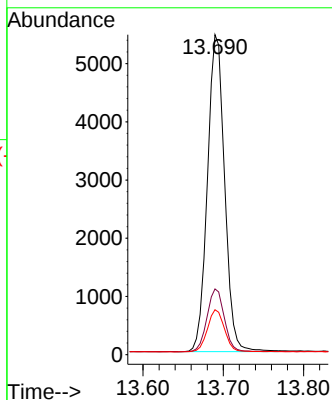
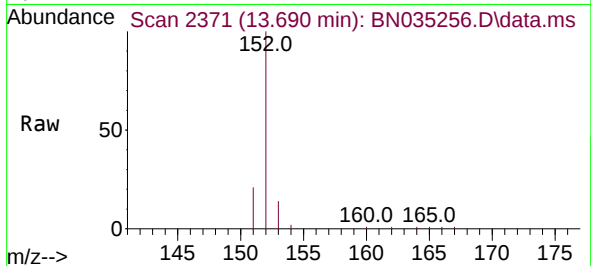




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 13.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

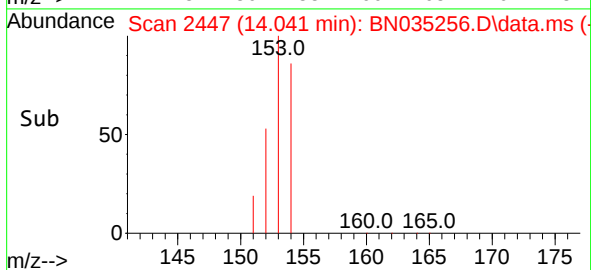
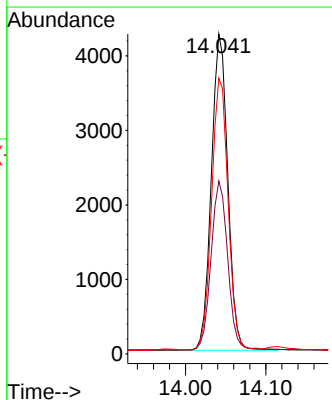
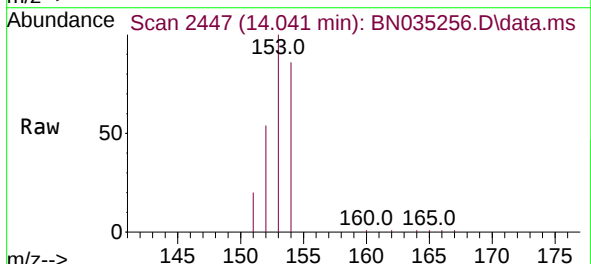
Instrument :
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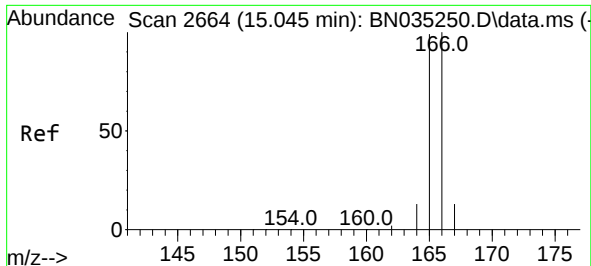
Tgt Ion:152 Resp: 8117
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:153 Resp: 6028
Ion Ratio Lower Upper
153 100
152 54.0 41.4 62.0
154 86.2 71.2 106.8

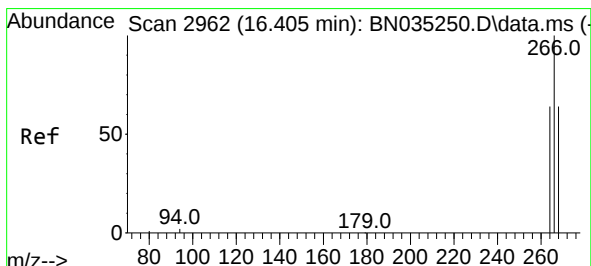
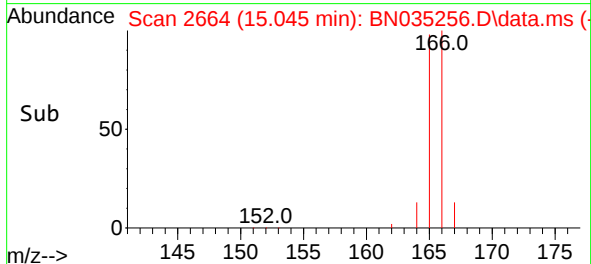
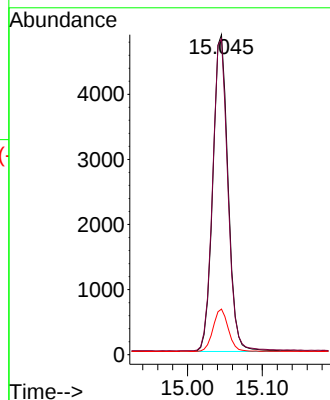
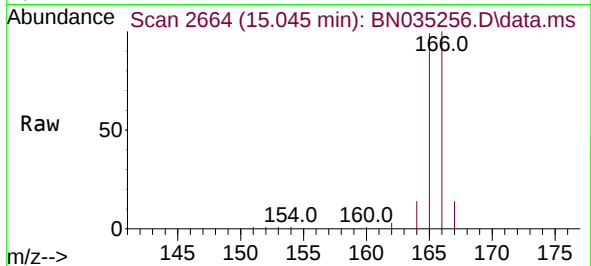




#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.045 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

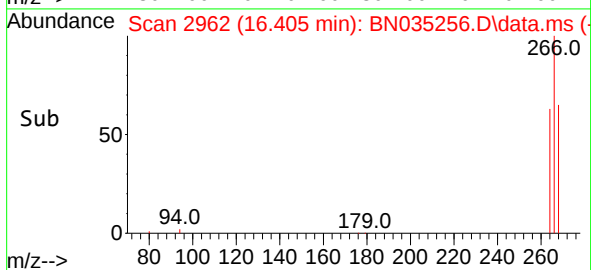
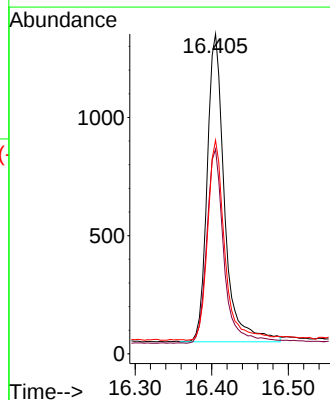
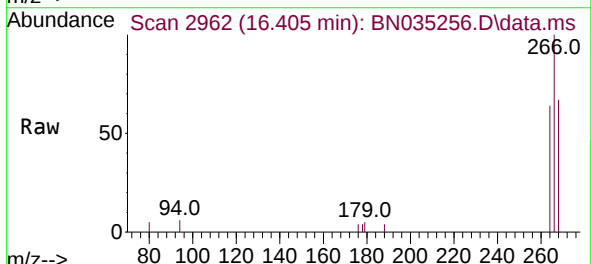
Instrument :
BNA_N
ClientSampleId :
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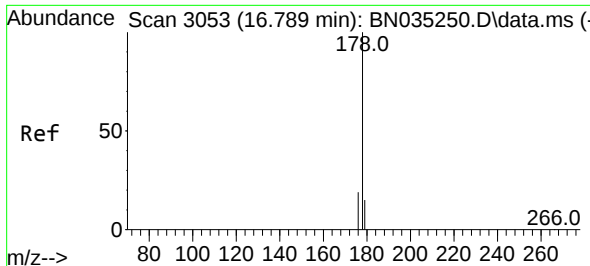
Tgt Ion:166 Resp: 6877
Ion Ratio Lower Upper
166 100
165 98.7 78.6 118.0
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 16.405 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:266 Resp: 2052
Ion Ratio Lower Upper
266 100
264 62.5 51.8 77.6
268 64.1 51.3 76.9

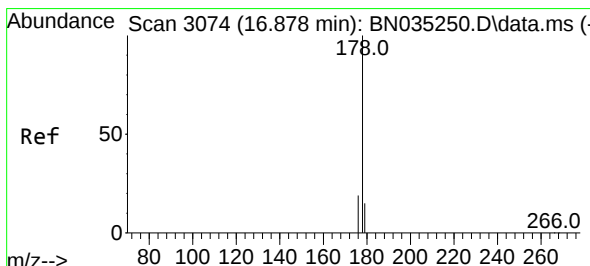
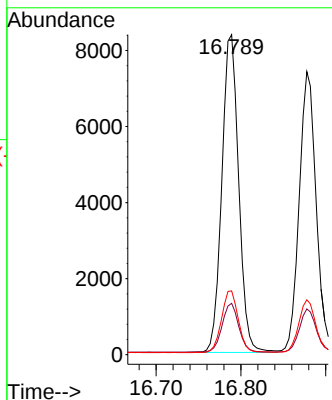
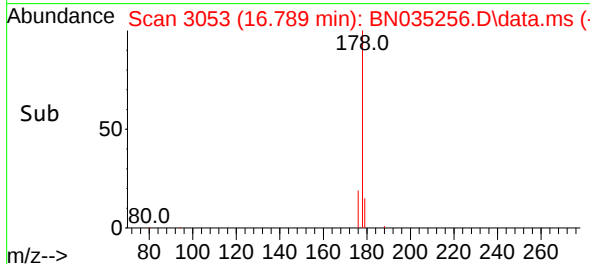
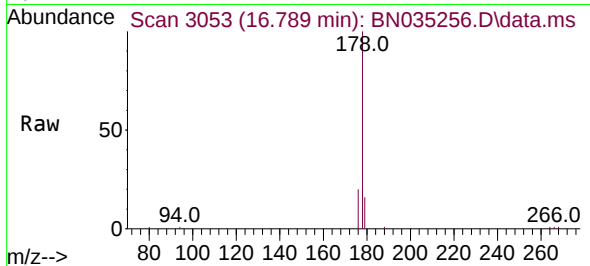




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 16.789 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

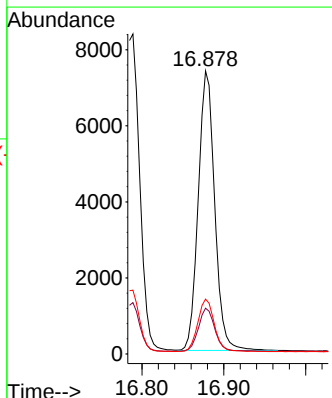
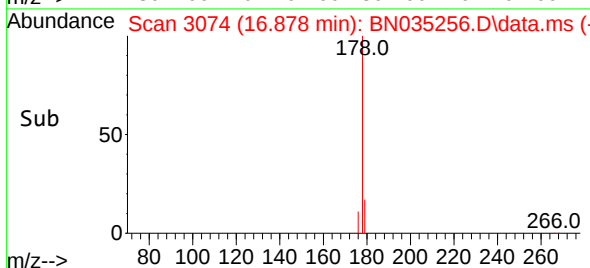
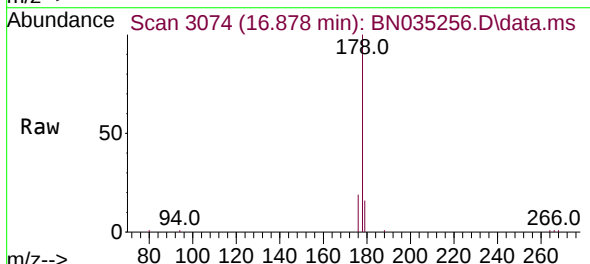
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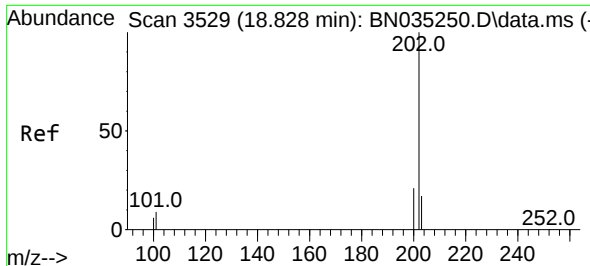
Tgt Ion:	178	Resp:	11522
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.9	15.6	23.4



#16
Anthracene
Concen: 0.315 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:	178	Resp:	10250
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.4	15.4	23.2

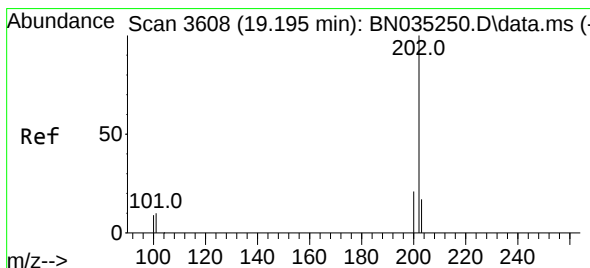
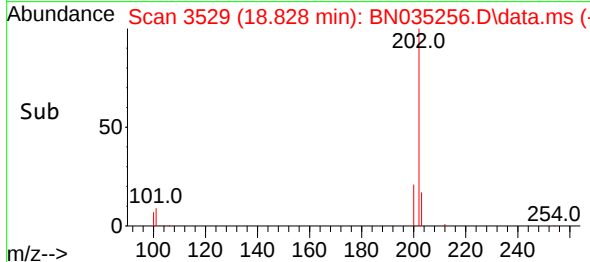
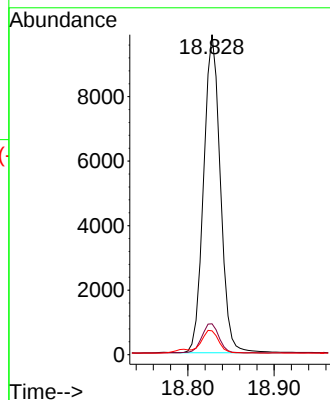
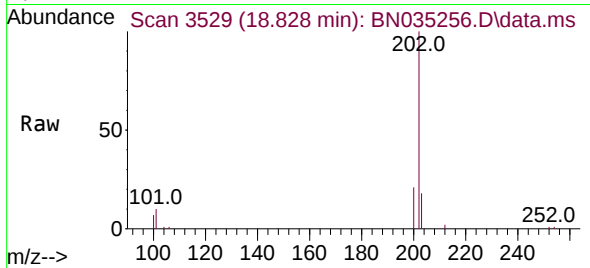




#19
Fluoranthene
Concen: 0.384 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

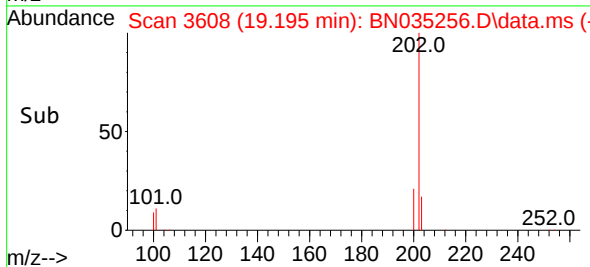
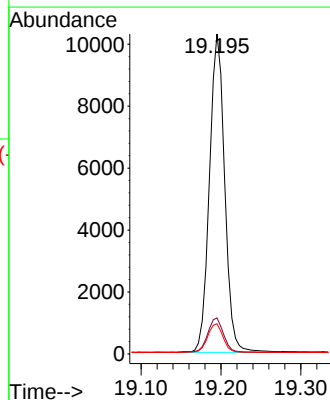
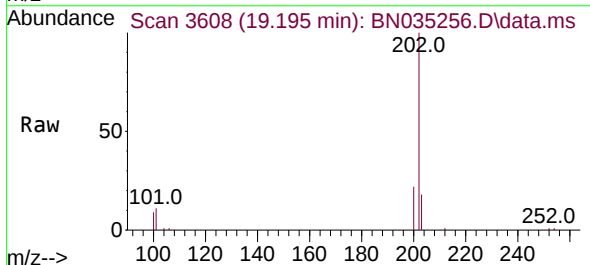
Instrument :
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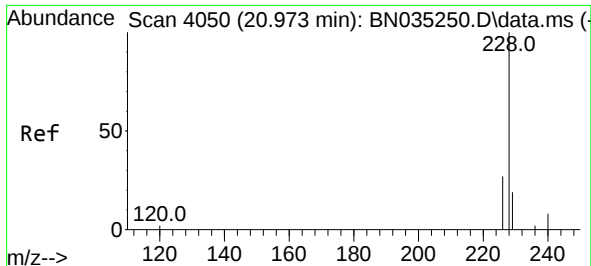
Tgt Ion:202 Resp: 13291
Ion Ratio Lower Upper
202 100
101 9.7 5.8 8.6#
100 7.4 4.5 6.7#



#20
Pyrene
Concen: 0.378 ng/u1
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:202 Resp: 13612
Ion Ratio Lower Upper
202 100
101 11.2 6.2 9.4#
100 9.5 5.1 7.7#

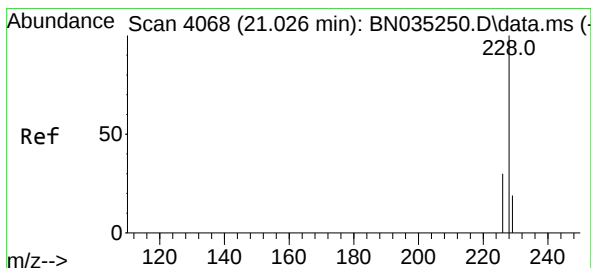
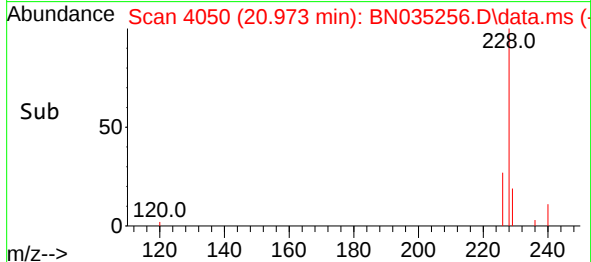
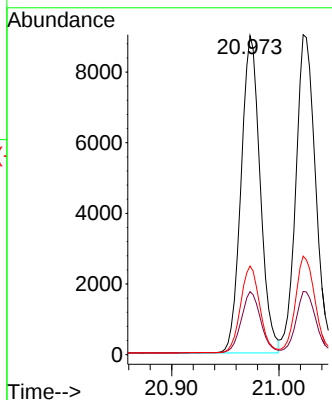
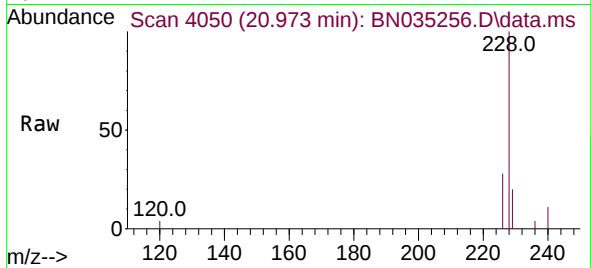




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

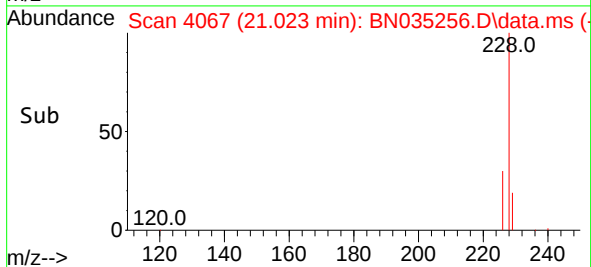
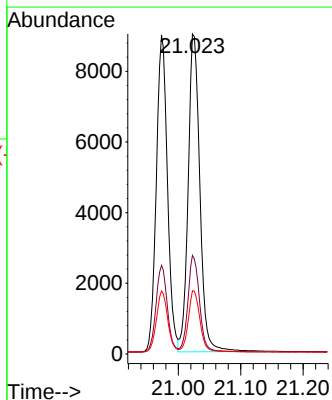
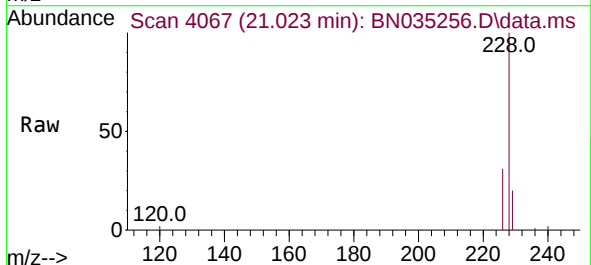
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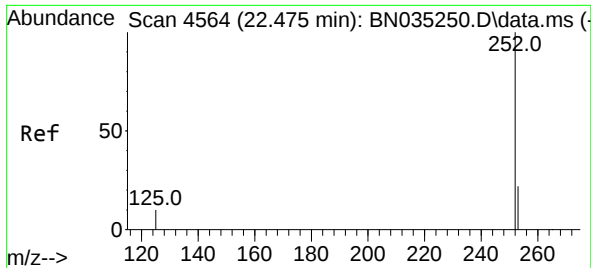
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Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.023 min Scan# 4067
Delta R.T. -0.006 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:228 Resp: 11742
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.8 16.0 24.0

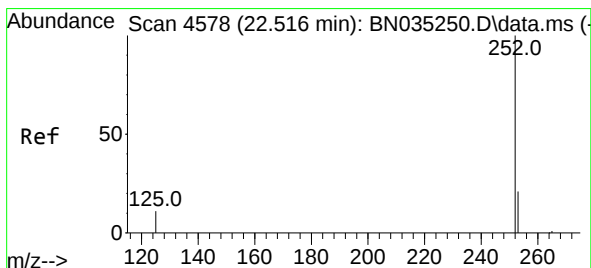
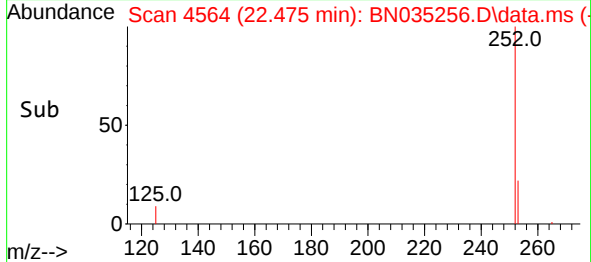
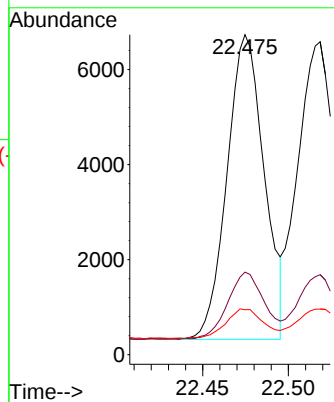
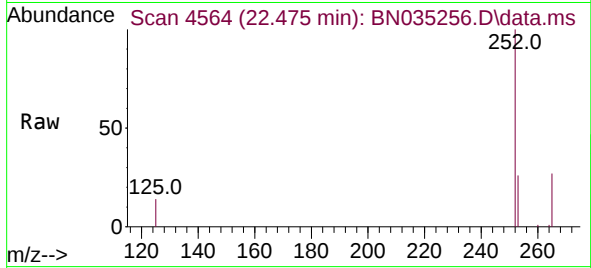




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

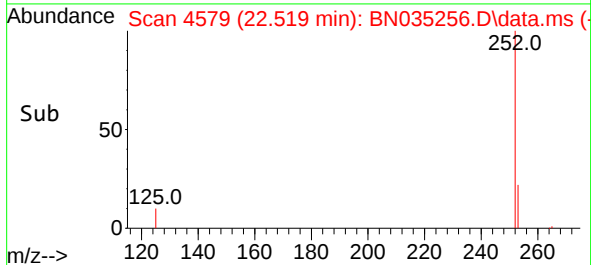
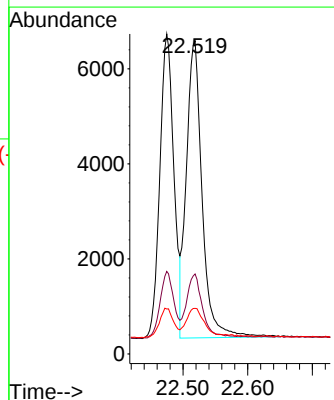
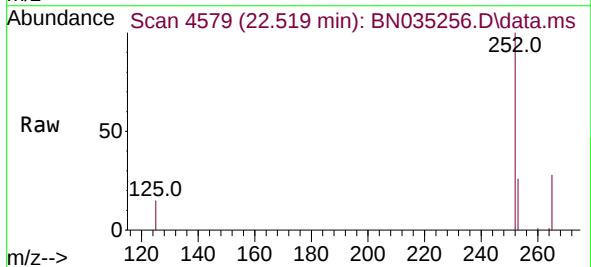
Instrument :
BNA_N
ClientSampleId :
SLCS099

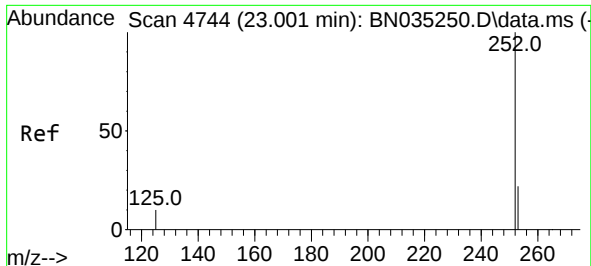
Tgt Ion:252 Resp: 9660
Ion Ratio Lower Upper
252 100
253 25.8 0.0 54.0
125 14.1 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.519 min Scan# 4579
Delta R.T. -0.003 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:252 Resp: 10576
Ion Ratio Lower Upper
252 100
253 25.5 21.8 32.6
125 14.6 8.6 12.8#

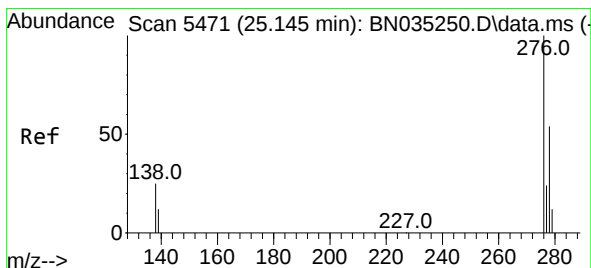
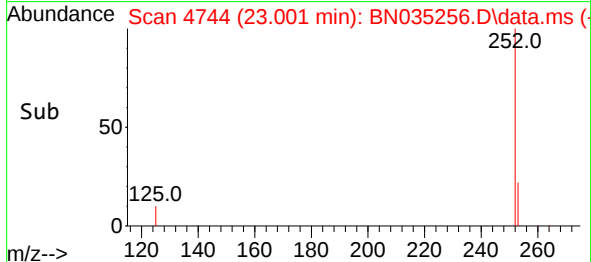
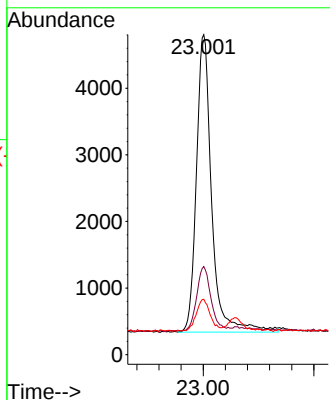
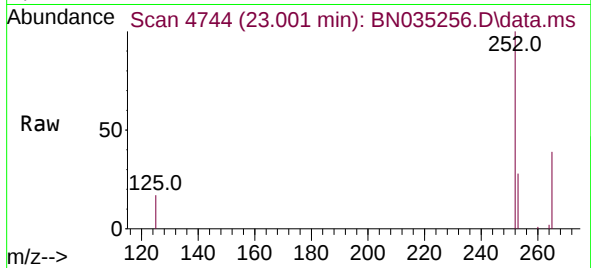




#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

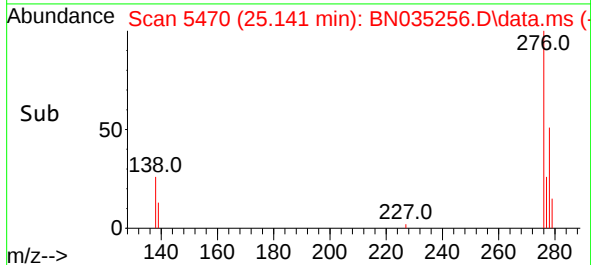
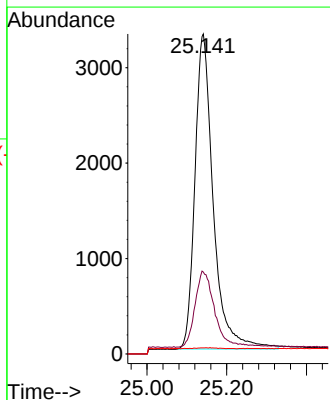
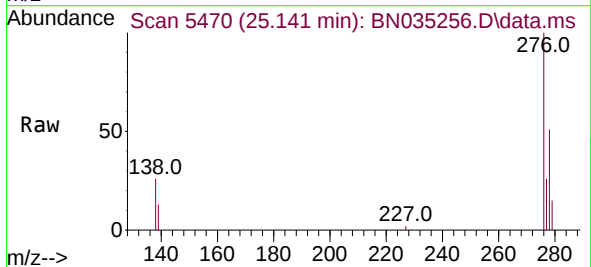
Instrument :
BNA_N
ClientSampleId :
SLCS099

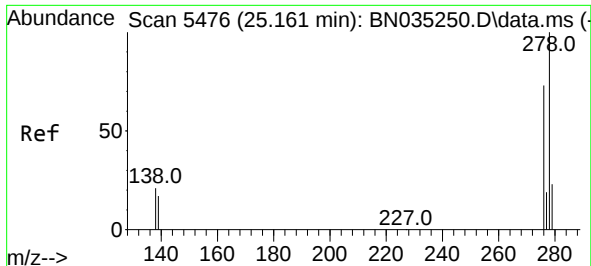
Tgt Ion:252 Resp: 8563
Ion Ratio Lower Upper
252 100
253 27.6 22.9 34.3
125 17.3 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 25.141 min Scan# 5470
Delta R.T. -0.010 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:276 Resp: 10525
Ion Ratio Lower Upper
276 100
138 24.9 13.8 20.8#
227 0.0 0.2 0.4#

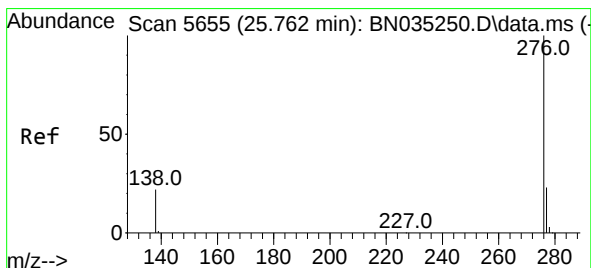
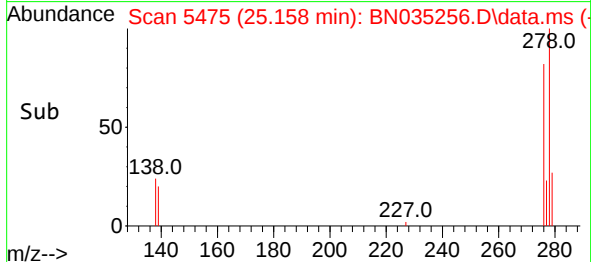
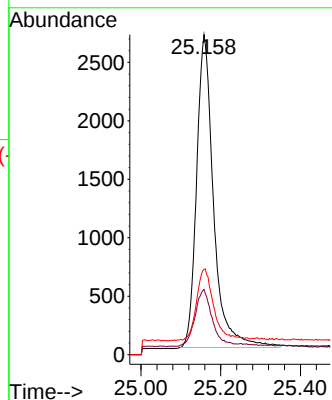
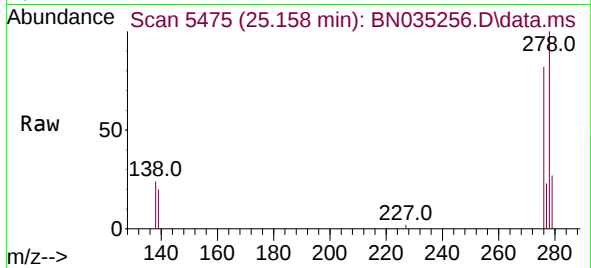




#28
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 25.158 min Scan# 5475
Delta R.T. -0.013 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Instrument :
BNA_N
ClientSampleId :
SLCS099

Tgt Ion:278 Resp: 7921
Ion Ratio Lower Upper
278 100
139 20.4 10.7 16.1#
279 26.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 25.762 min Scan# 5655
Delta R.T. -0.013 min
Lab File: BN035256.D
Acq: 23 Nov 2024 00:22

Tgt Ion:276 Resp: 8291
Ion Ratio Lower Upper
276 100
138 23.9 13.0 19.6#
277 25.2 20.5 30.7

