

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035261.D
 Acq On : 23 Nov 2024 03:23
 Operator : RC/JU
 Sample : P4872-06MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X5MS

Quant Time: Nov 23 04:05:56 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)

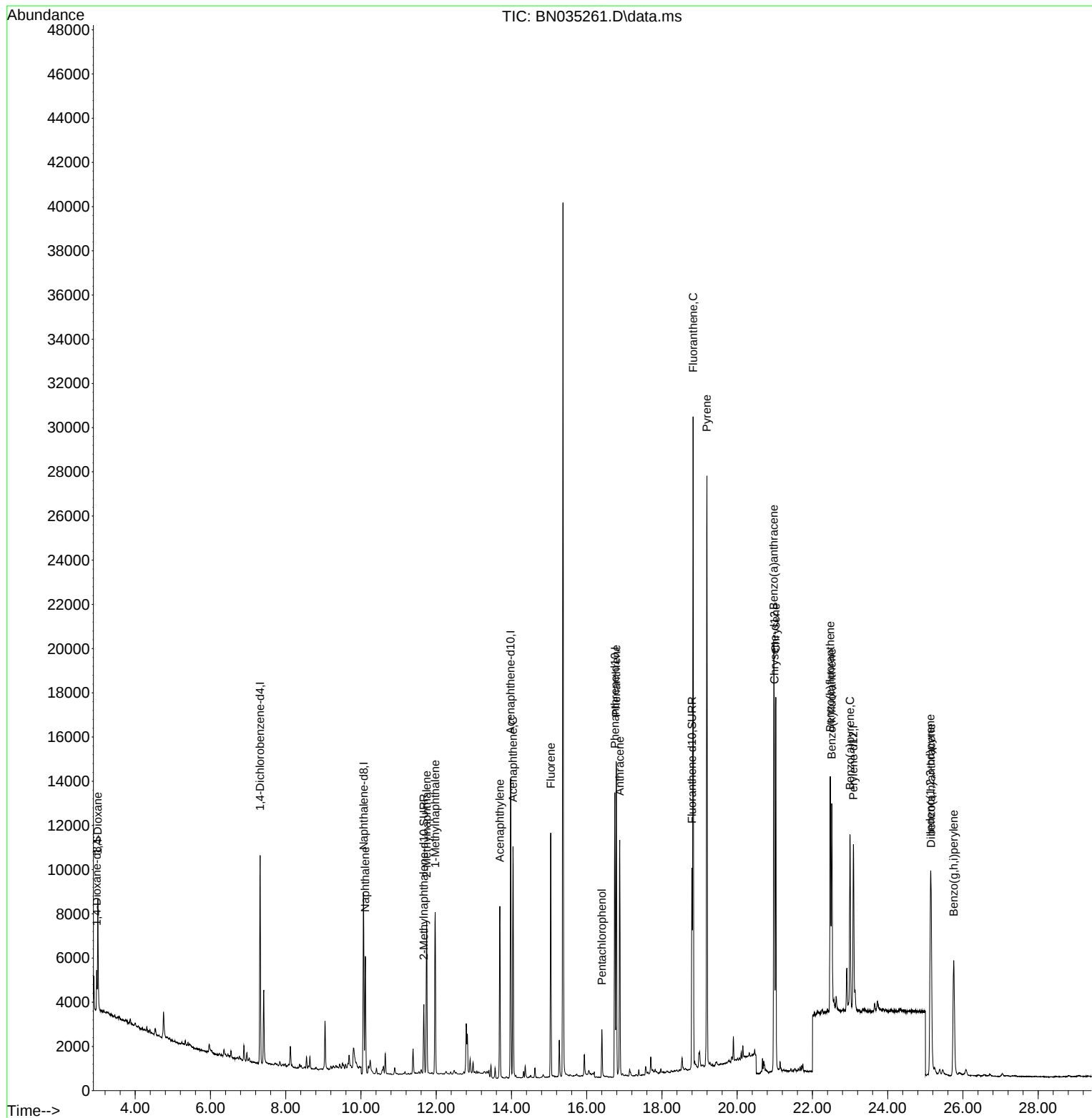
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	11409	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.977	164	7219	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	15229	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	10345	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	9174	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	1191	0.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	3911	0.234	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	9764	0.342	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.005	88	3562	0.814	ng/ul#	81
5) Naphthalene	10.113	128	7015	0.244	ng/ul	99
7) 2-Methylnaphthalene	11.747	142	4838	0.243	ng/ul	98
8) 1-Methylnaphthalene	11.972	142	4928	0.245	ng/ul	98
10) Acenaphthylene	13.690	152	8461	0.295	ng/ul	99
11) Acenaphthene	14.041	153	5759	0.263	ng/ul	97
12) Fluorene	15.045	166	6687	0.260	ng/ul	99
14) Pentachlorophenol	16.405	266	1505	0.424	ng/ul	98
15) Phenanthrene	16.785	178	14488	0.360	ng/ul	99
16) Anthracene	16.878	178	10850	0.290	ng/ul	100
19) Fluoranthene	18.828	202	24415	0.678	ng/ul#	94
20) Pyrene	19.195	202	22464	0.599	ng/ul#	92
21) Benzo(a)anthracene	20.973	228	14449	0.403	ng/ul	98
22) Chrysene	21.026	228	14413	0.399	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	13281	0.438	ng/ul	96
25) Benzo(k)fluoranthene	22.513	252	11048	0.353	ng/ul#	95
26) Benzo(a)pyrene	22.998	252	10712	0.387	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.138	276	12769	0.341	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.155	278	8692	0.296	ng/ul#	92
29) Benzo(g,h,i)perylene	25.755	276	10325	0.350	ng/ul#	92

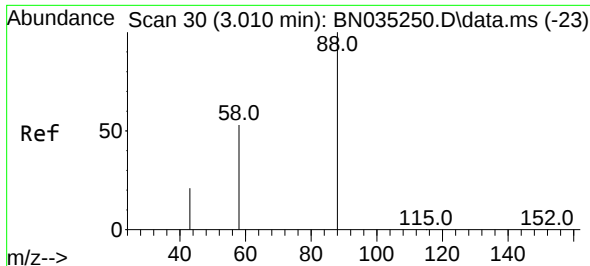
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

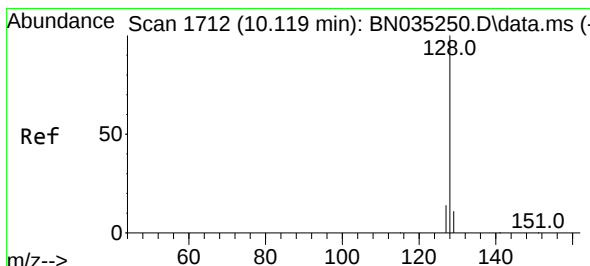
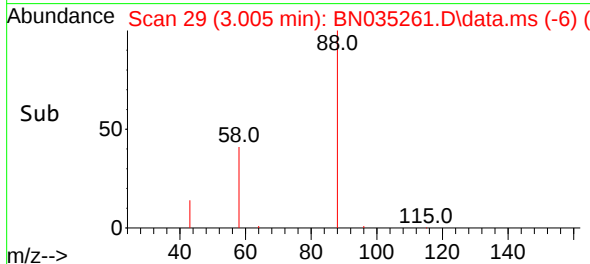
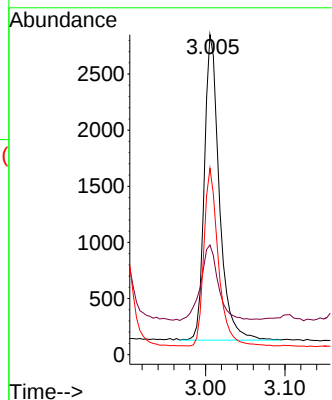
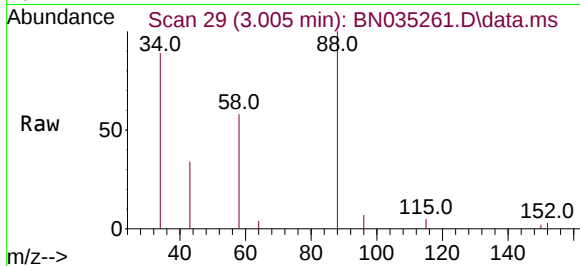




#2
 1,4-Dioxane
 Concen: 0.814 ng/ul
 RT: 3.005 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN035261.D
 Acq: 23 Nov 2024 03:23

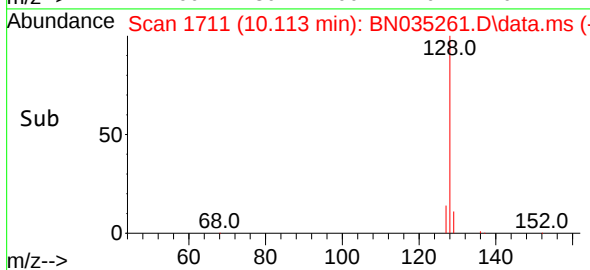
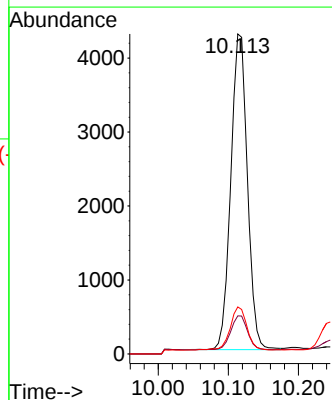
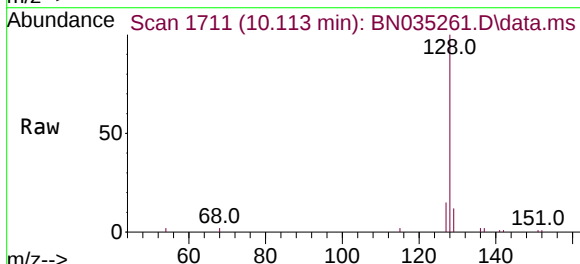
Instrument :
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 ClientSampleId :
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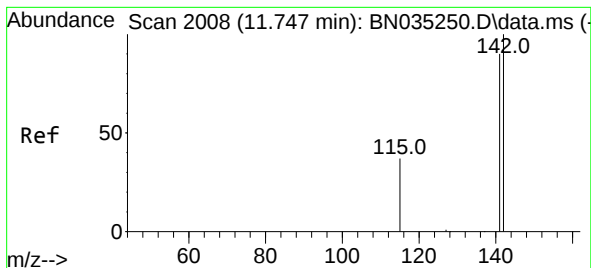
Tgt Ion: 88 Resp: 3562
 Ion Ratio Lower Upper
 88 100
 43 34.3 20.6 31.0#
 58 58.3 36.2 54.4#



#5
 Naphthalene
 Concen: 0.244 ng/ul
 RT: 10.113 min Scan# 1711
 Delta R.T. -0.005 min
 Lab File: BN035261.D
 Acq: 23 Nov 2024 03:23

Tgt Ion: 128 Resp: 7015
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.9 14.9
 127 14.7 11.4 17.2

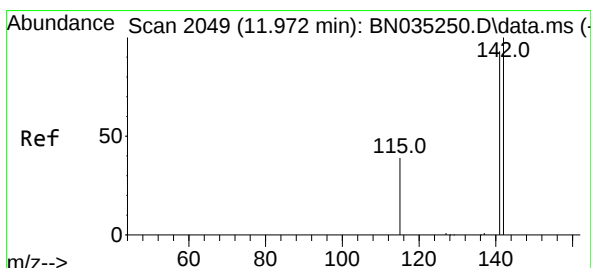
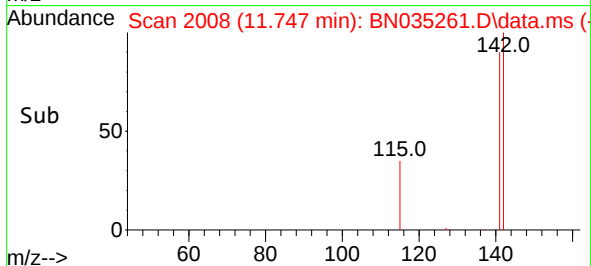
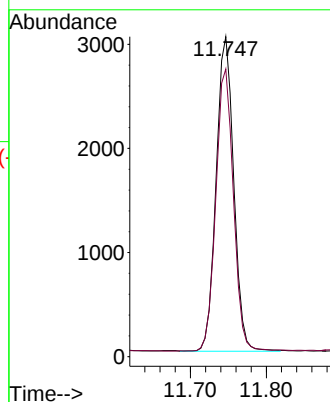
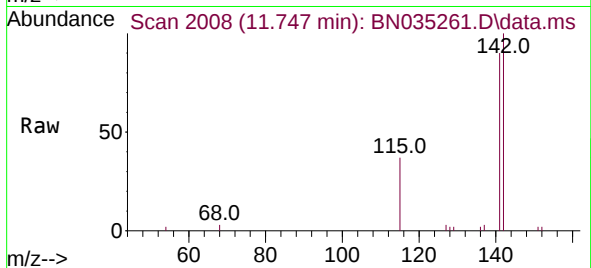




#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 11.747 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

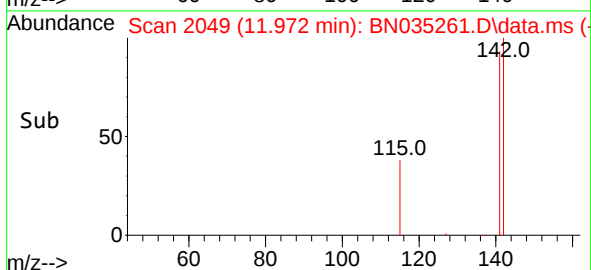
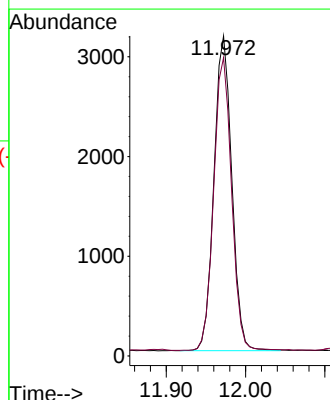
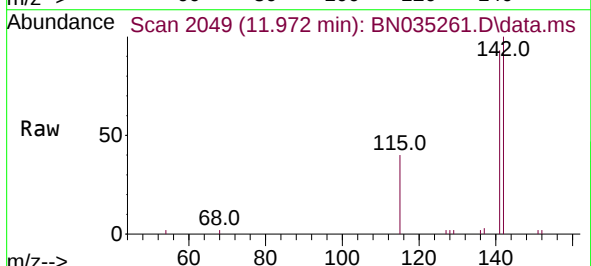
Instrument :
BNA_N
ClientSampleId :
E29X5MS

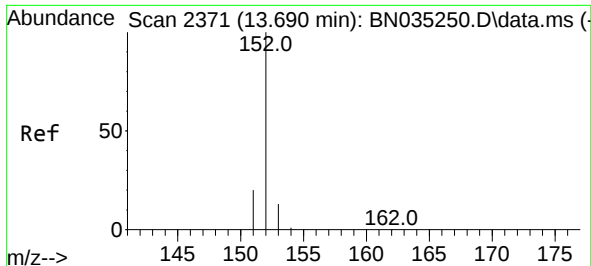
Tgt Ion:142 Resp: 4838
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:142 Resp: 4928
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7

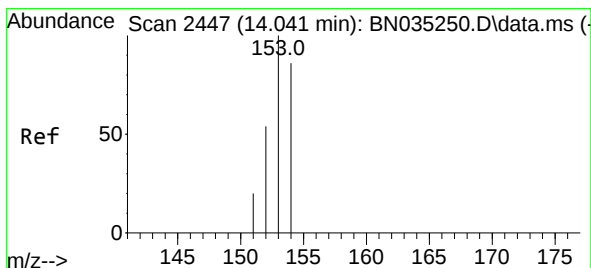
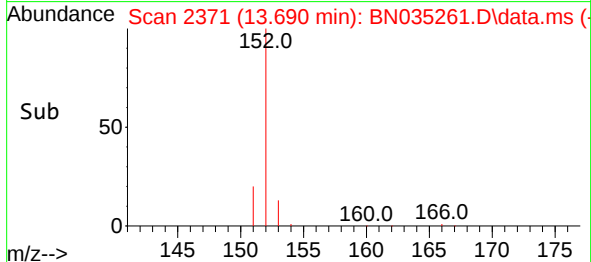
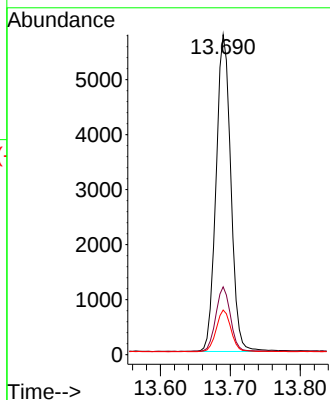
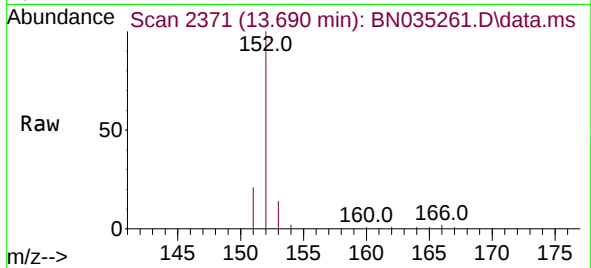




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 13.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

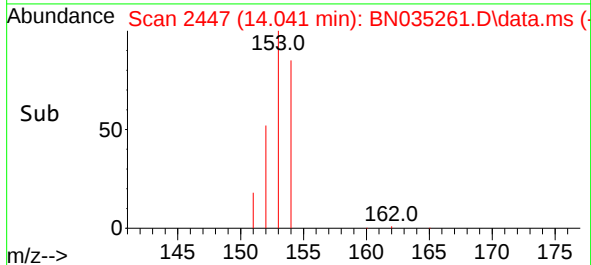
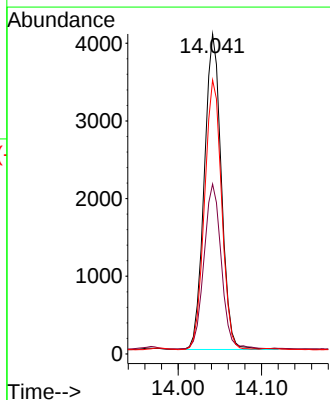
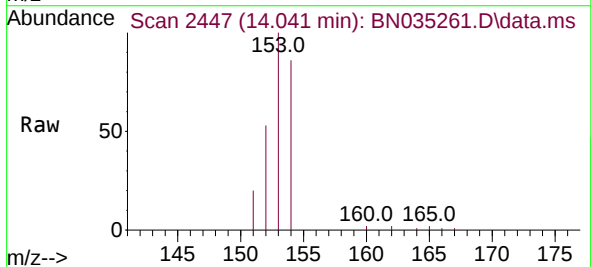
Instrument :
BNA_N
ClientSampleId :
E29X5MS

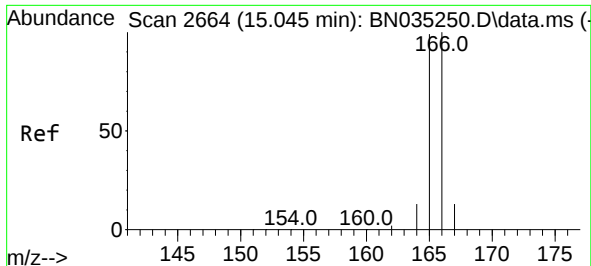
Tgt Ion:152 Resp: 8461
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.263 ng/ul
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:153 Resp: 5759
Ion Ratio Lower Upper
153 100
152 53.1 41.4 62.0
154 85.6 71.2 106.8

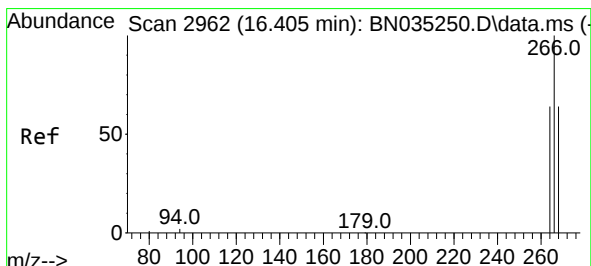
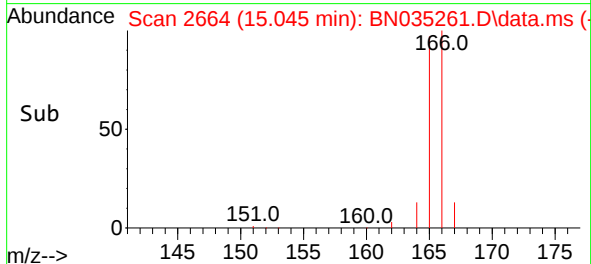
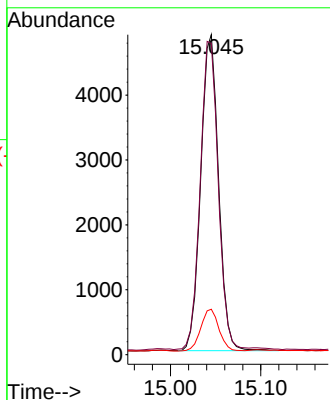
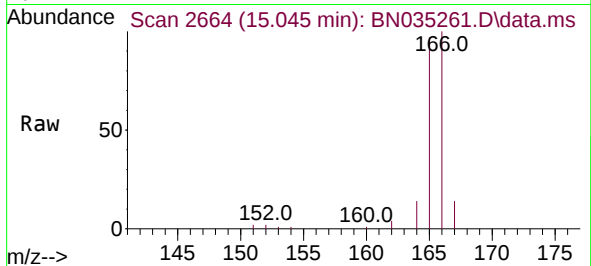




#12
Fluorene
Concen: 0.260 ng/ul
RT: 15.045 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

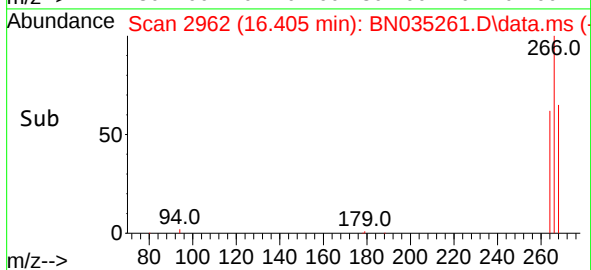
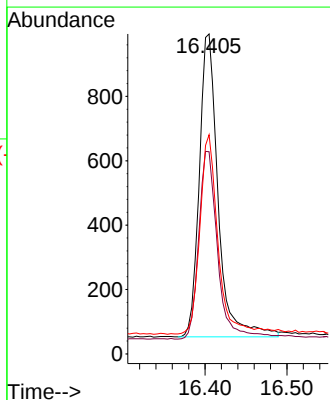
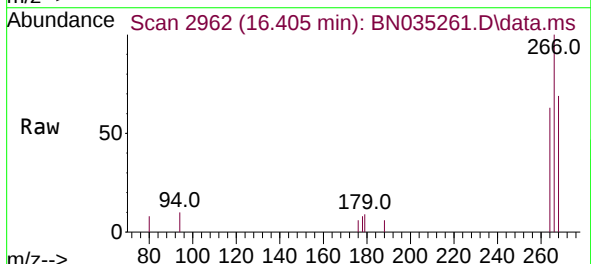
Instrument :
BNA_N
ClientSampleId :
E29X5MS

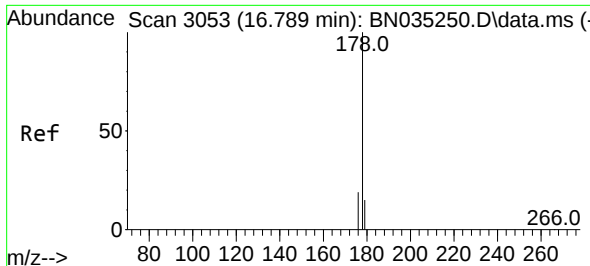
Tgt Ion:166 Resp: 6687
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.424 ng/ul
RT: 16.405 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:266 Resp: 1505
Ion Ratio Lower Upper
266 100
264 62.5 51.8 77.6
268 63.9 51.3 76.9

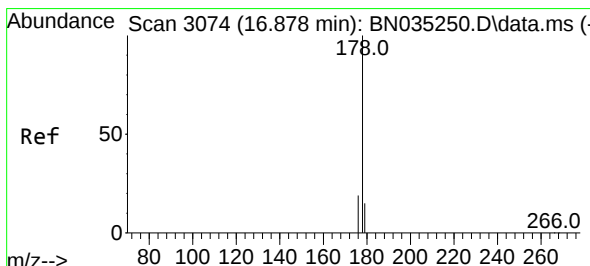
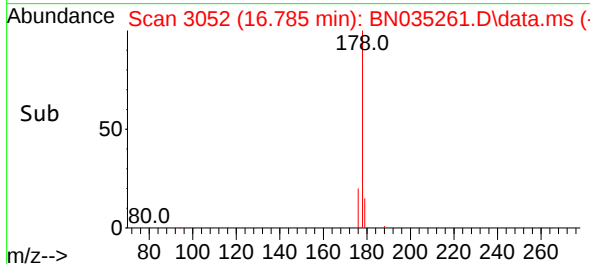
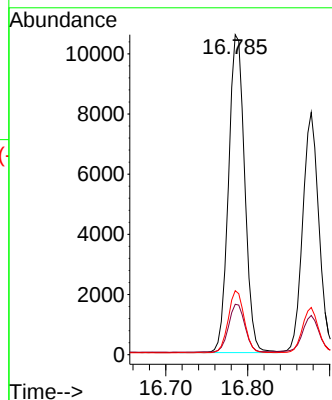
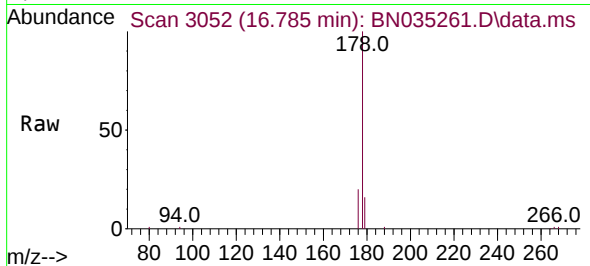




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 16.785 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

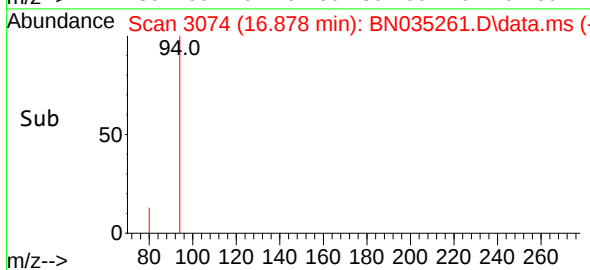
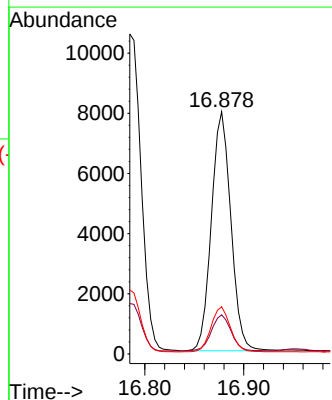
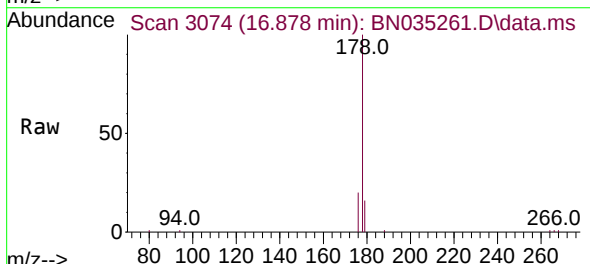
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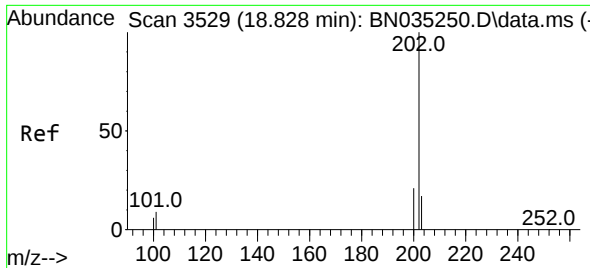
Tgt Ion:178 Resp: 14488
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.290 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:178 Resp: 10850
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.5 15.4 23.2

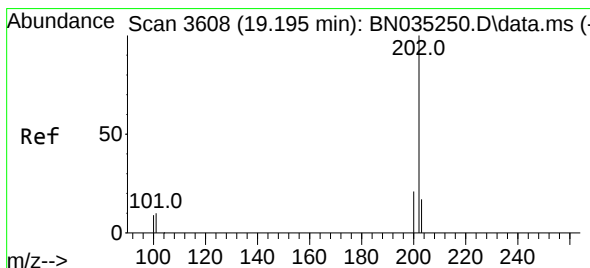
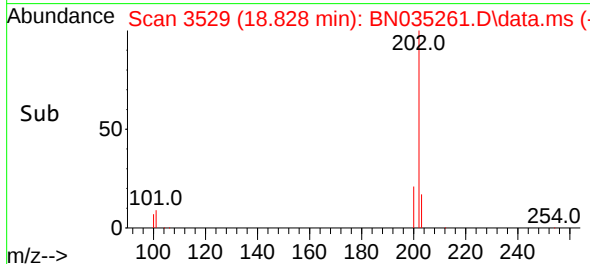
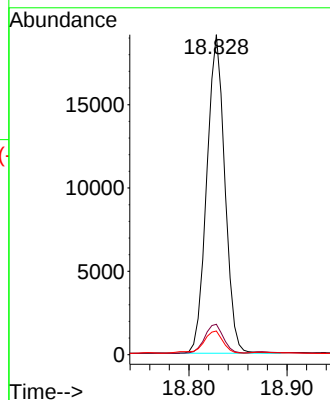
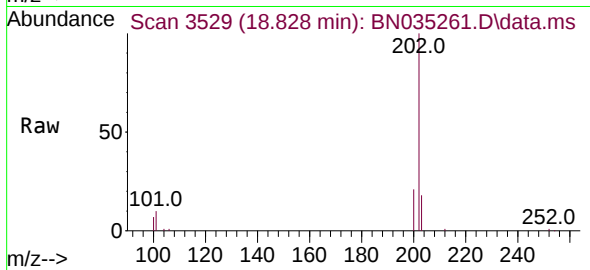




#19
Fluoranthene
Concen: 0.678 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

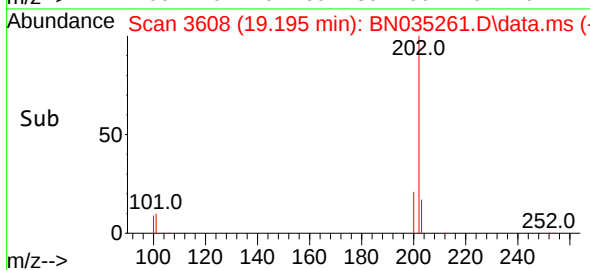
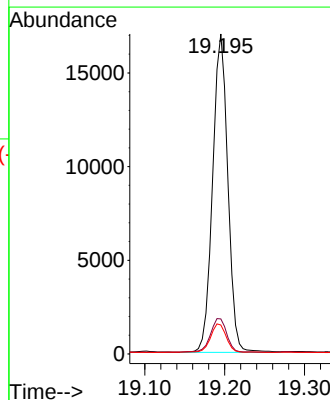
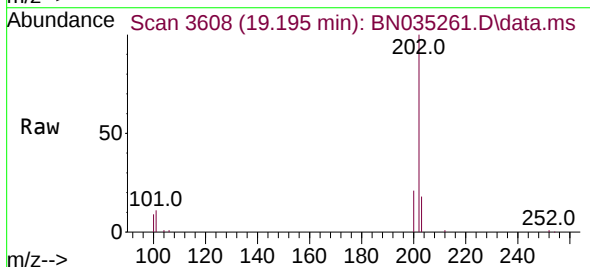
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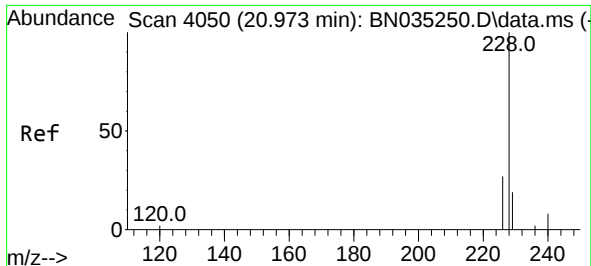
Tgt Ion:202 Resp: 24415
Ion Ratio Lower Upper
202 100
101 9.5 5.8 8.6#
100 7.4 4.5 6.7#



#20
Pyrene
Concen: 0.599 ng/u1
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:202 Resp: 22464
Ion Ratio Lower Upper
202 100
101 10.9 6.2 9.4#
100 9.1 5.1 7.7#

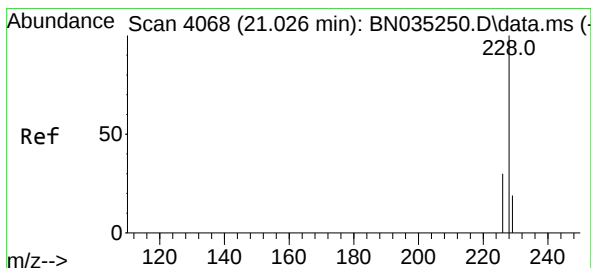
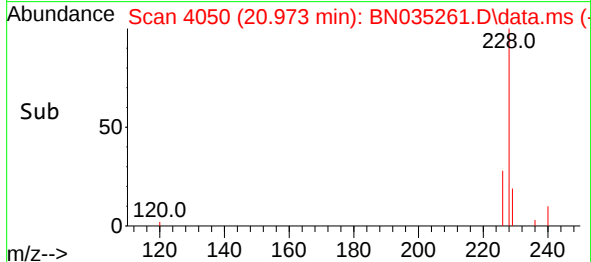
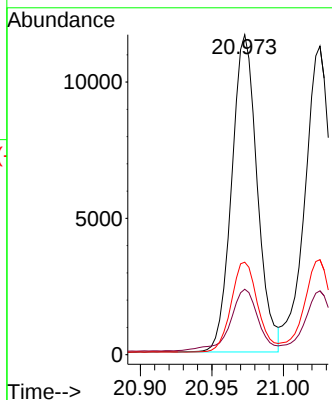
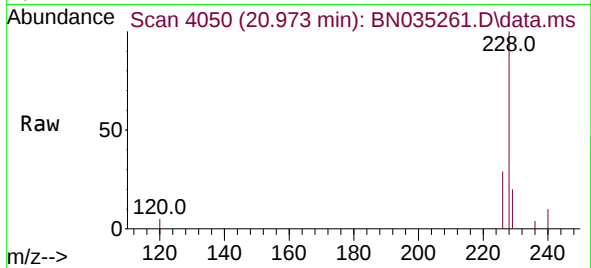




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

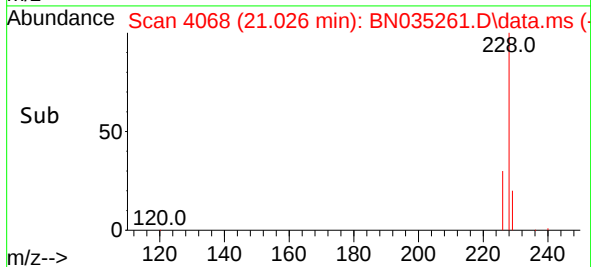
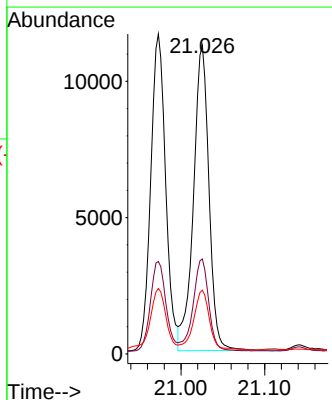
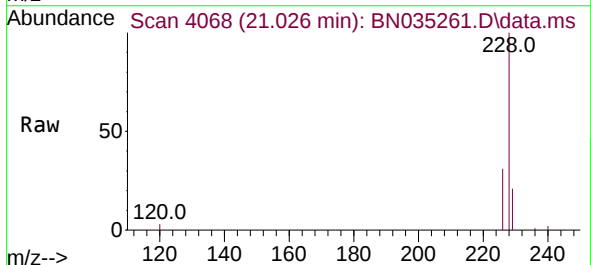
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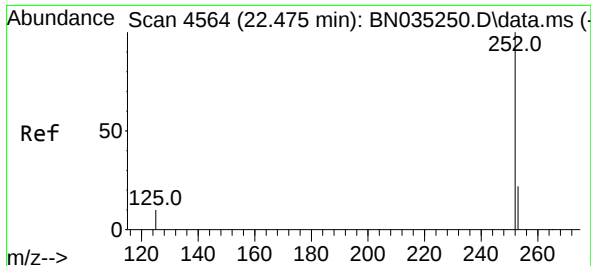
Tgt Ion:228 Resp: 14449
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 28.9 21.8 32.8



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.026 min Scan# 4068
Delta R.T. -0.003 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:228 Resp: 14413
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 20.7 16.0 24.0

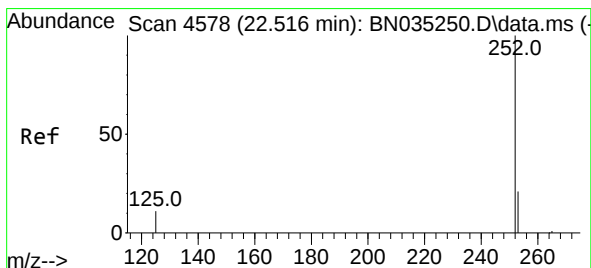
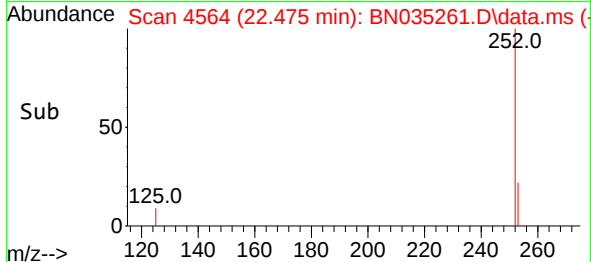
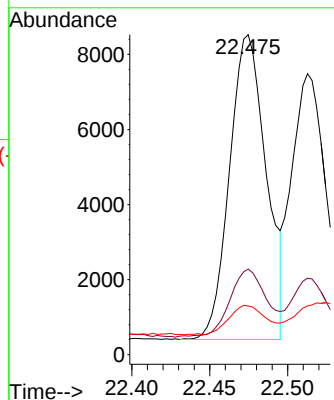
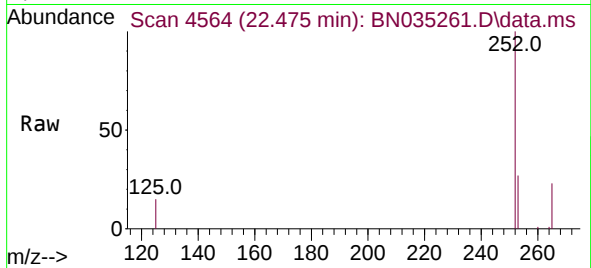




#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

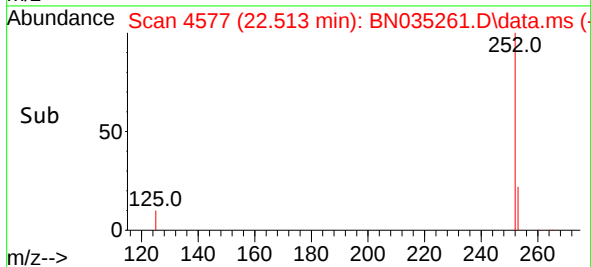
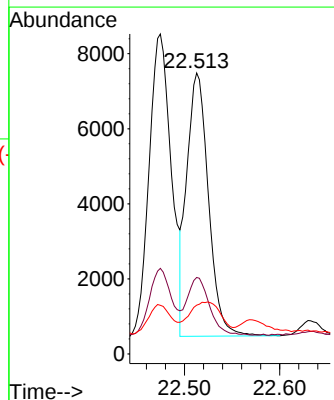
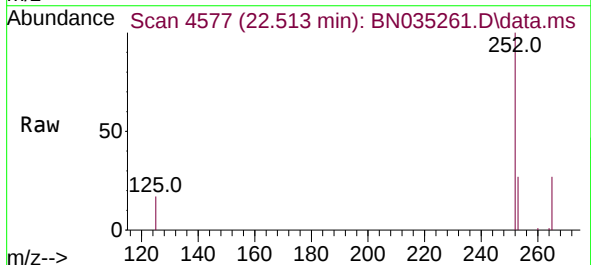
Instrument :
BNA_N
ClientSampleId :
E29X5MS

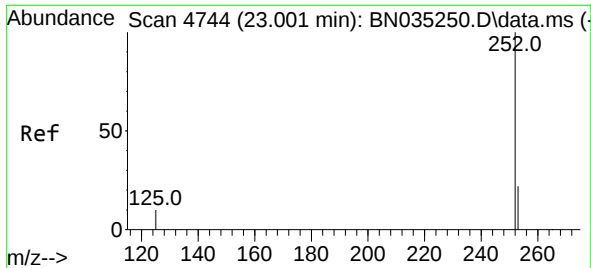
Tgt Ion:252 Resp: 13281
Ion Ratio Lower Upper
252 100
253 26.8 0.0 54.0
125 15.2 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:252 Resp: 11048
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.6
125 17.3 8.6 12.8#

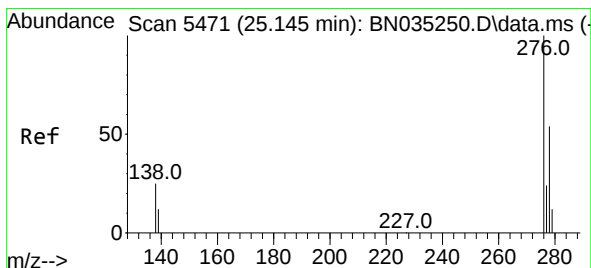
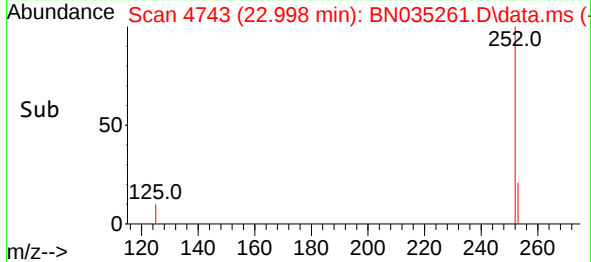
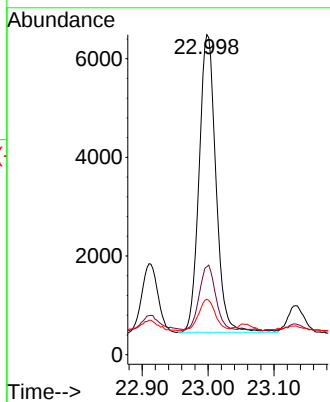
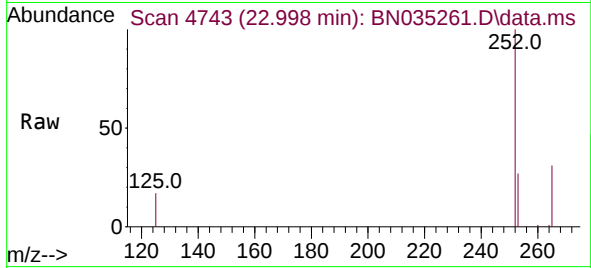




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 22.998 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

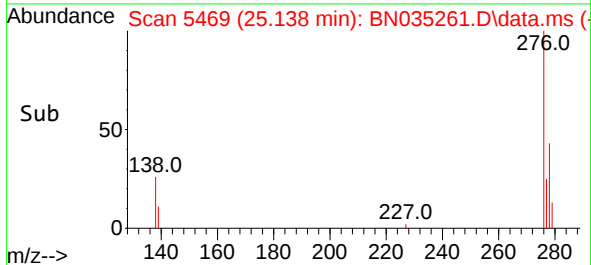
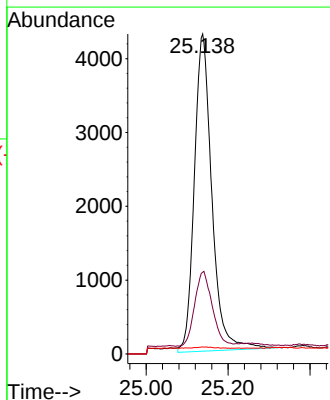
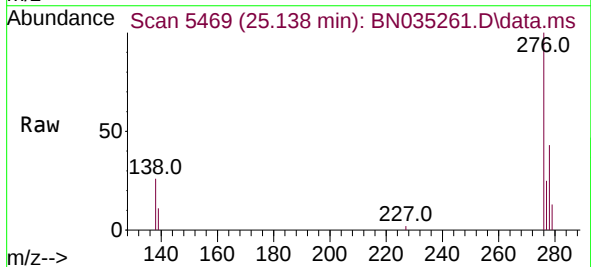
Instrument :
BNA_N
ClientSampleId :
E29X5MS

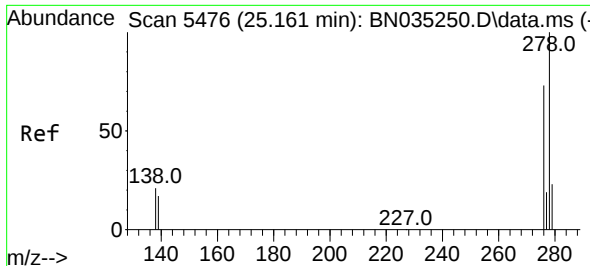
Tgt Ion:252 Resp: 10712
Ion Ratio Lower Upper
252 100
253 27.5 22.9 34.3
125 17.3 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 25.138 min Scan# 5469
Delta R.T. -0.013 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:276 Resp: 12769
Ion Ratio Lower Upper
276 100
138 24.5 13.8 20.8#
227 12.4 0.2 0.4#

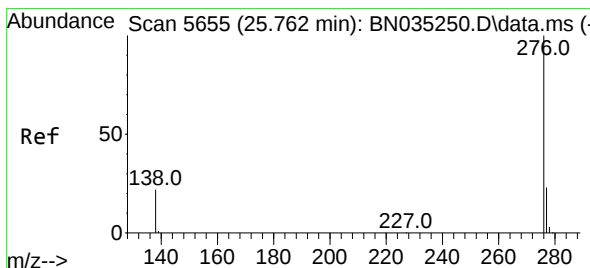
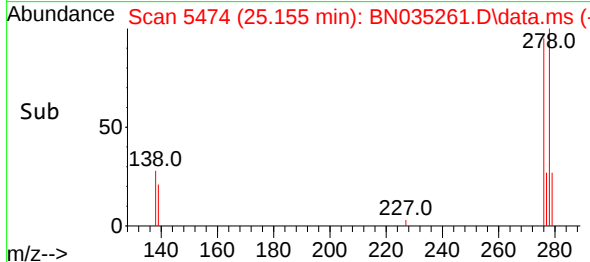
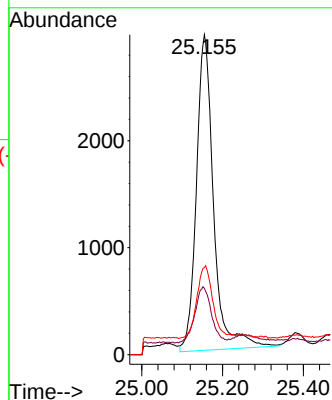
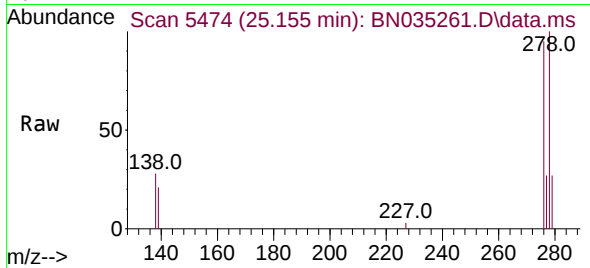




#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 25.155 min Scan# 5476
Delta R.T. -0.017 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Instrument :
BNA_N
ClientSampleId :
E29X5MS

Tgt Ion:278 Resp: 8692
Ion Ratio Lower Upper
278 100
139 20.8 10.7 16.1#
279 27.2 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 25.755 min Scan# 5653
Delta R.T. -0.020 min
Lab File: BN035261.D
Acq: 23 Nov 2024 03:23

Tgt Ion:276 Resp: 10325
Ion Ratio Lower Upper
276 100
138 24.2 13.0 19.6#
277 24.9 20.5 30.7

