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 Data File : BN031700.D
 Acq On : 29 May 2024 21:17
 Operator : MA/JU
 Sample : P2569-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH698

Quant Time: May 29 23:22:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

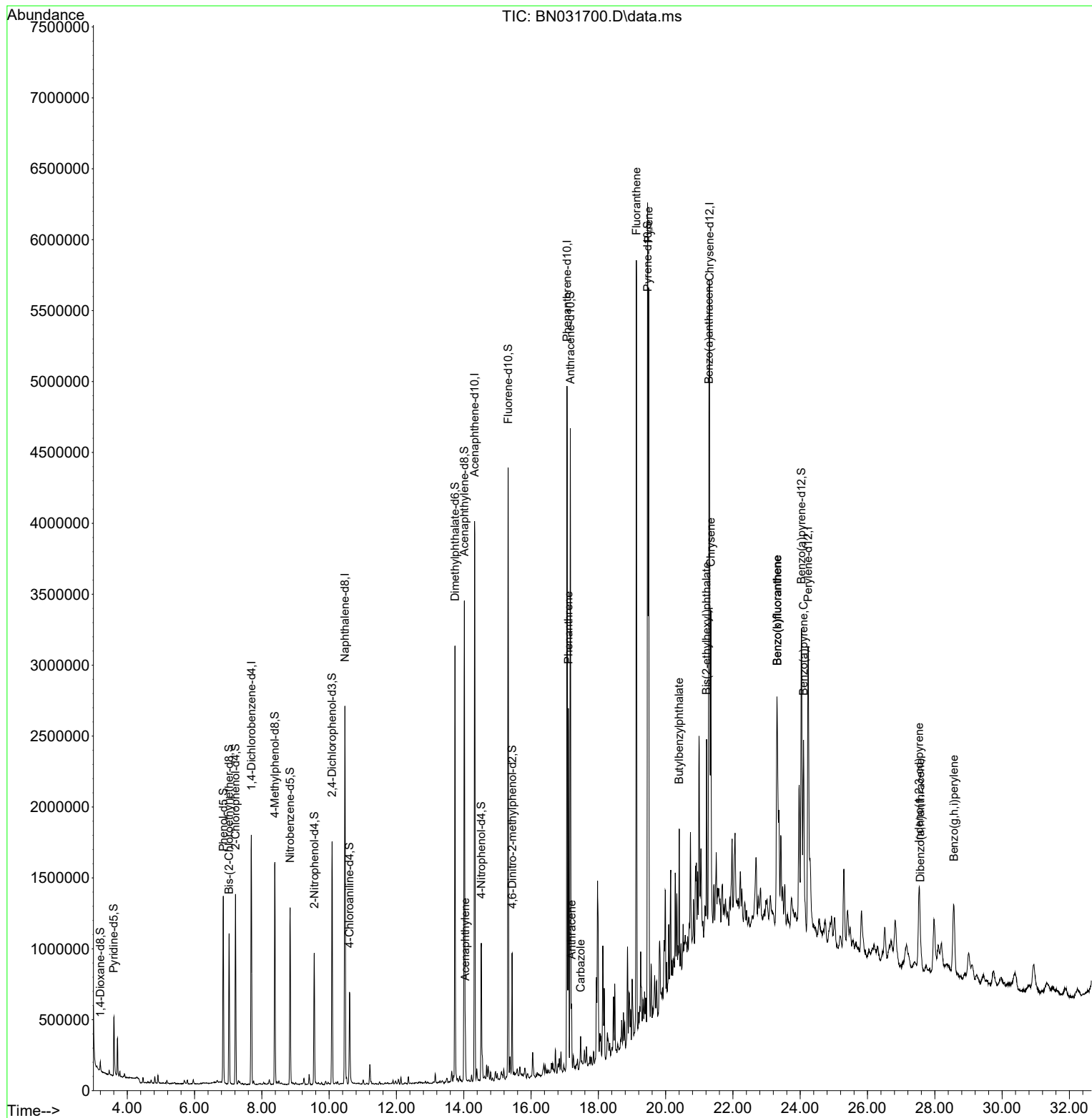
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	495829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2242142	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1430413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2869098	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1901354	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1864977	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	36164	3.017	ng/uL	0.00
4) Pyridine-d5	3.599	84	241669	7.163	ng/ul	0.00
7) Phenol-d5	6.852	99	809357	19.041	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	465894	18.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.217	132	631699	19.477	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	616796	17.801	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	321137	18.732	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	322582	18.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	625345	18.915	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	396394	8.075	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2019561	20.266	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2282188	19.917	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	232131	11.634	ng/ul	0.00
60) Fluorene-d10	15.322	176	1744809	20.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	181393	12.578	ng/ul	0.00
73) Anthracene-d10	17.169	188	2564475	20.878	ng/ul	0.00
81) Pyrene-d10	19.463	212	2780379	27.327	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1940297	21.788	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.046	152	254676	1.967	ng/ul	99
72) Phenanthrene	17.110	178	1526808	10.446	ng/ul	98
74) Anthracene	17.204	178	284450	1.921	ng/ul	98
77) Carbazole	17.475	167	134153	1.062	ng/ul	99
80) Fluoranthene	19.134	202	3198431	26.304	ng/ul	98
82) Pyrene	19.492	202	2990134	23.968	ng/ul	99
83) Butylbenzylphthalate	20.404	149	283963	4.819	ng/ul	95
85) Benzo(a)anthracene	21.286	228	1341001	10.537	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.216	149	537812	6.261	ng/ul	99
87) Chrysene	21.345	228	1527504	12.850	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	1641020	14.721	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	1641020	15.002	ng/ul	98
93) Benzo(a)pyrene	24.098	252	1196381	11.459	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	862263	7.167	ng/ul	95
95) Dibenzo(a,h)anthracene	27.568	278	105702	1.076	ng/ul#	84
96) Benzo(g,h,i)perylene	28.568	276	843773	8.823	ng/ul	100

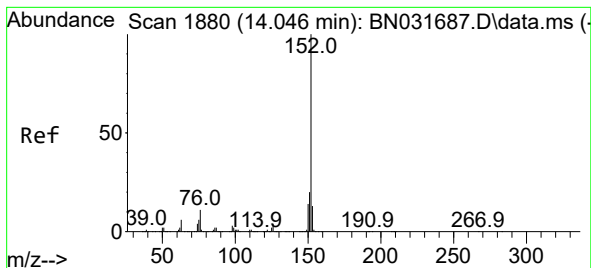
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 1.967 ng/ul

RT: 14.046 min Scan# 1880

Delta R.T. 0.000 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

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BNA_N

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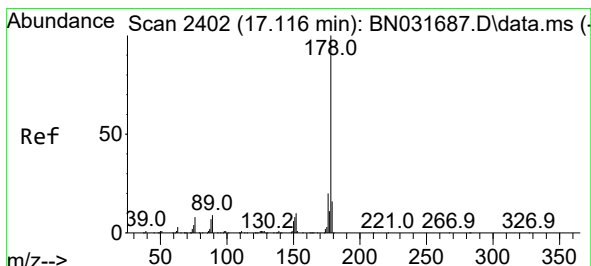
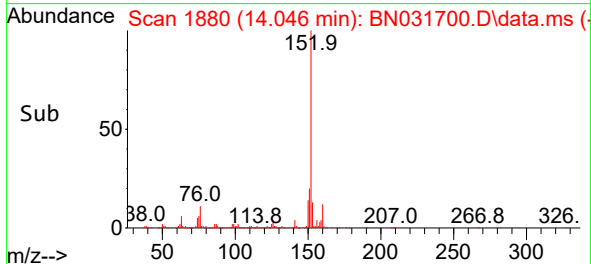
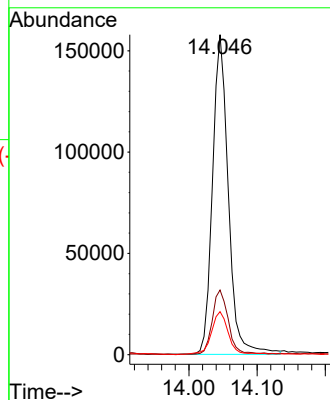
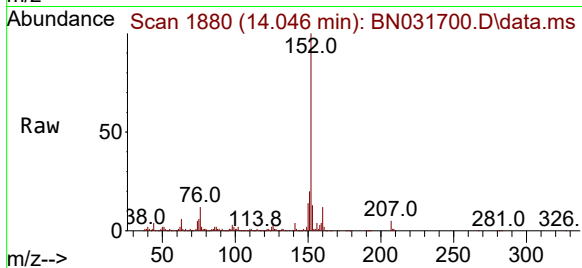
Tgt Ion:152 Resp: 254676

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.5 10.4 15.6



#72

Phenanthrene

Concen: 10.446 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

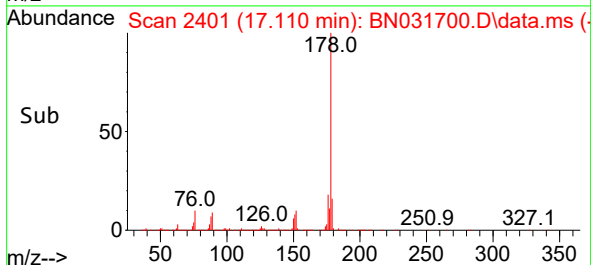
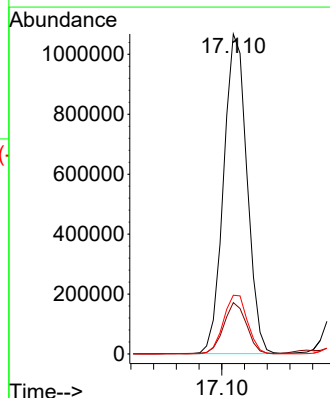
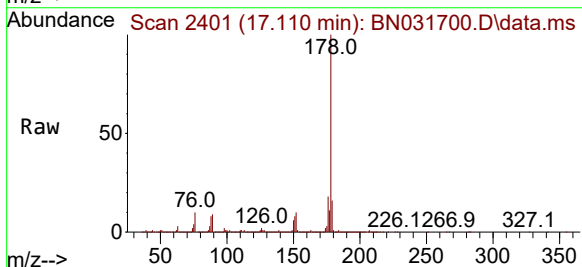
Tgt Ion:178 Resp: 1526808

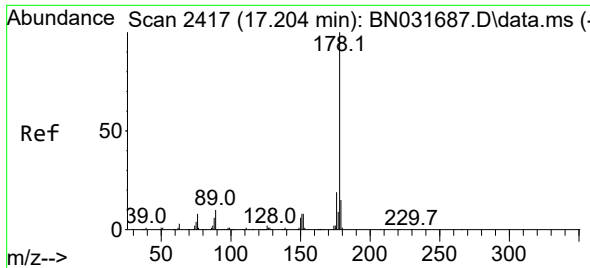
Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 18.3 15.8 23.6

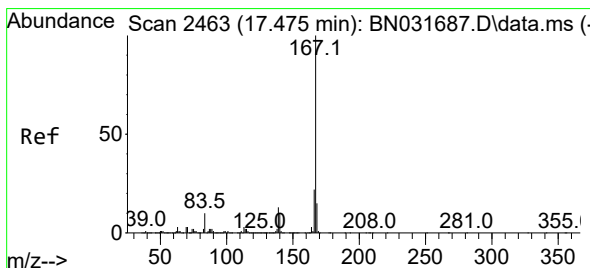
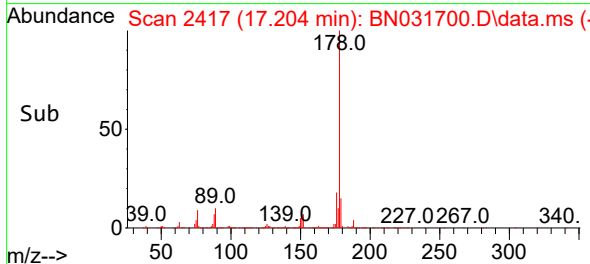
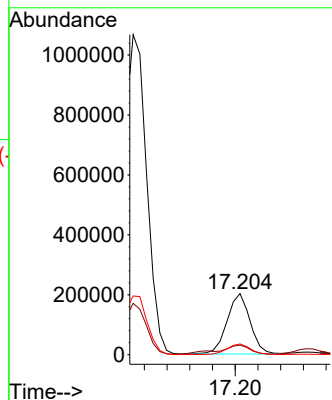
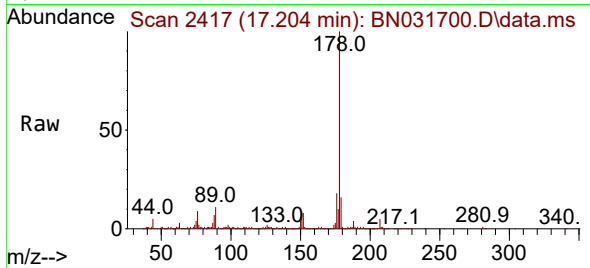




#74
 Anthracene
 Concen: 1.921 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN031700.D
 Acq: 29 May 2024 21:17

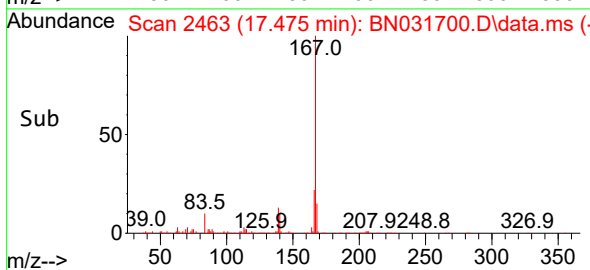
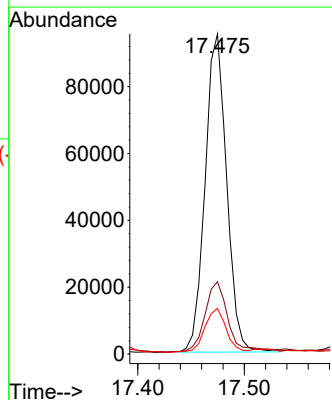
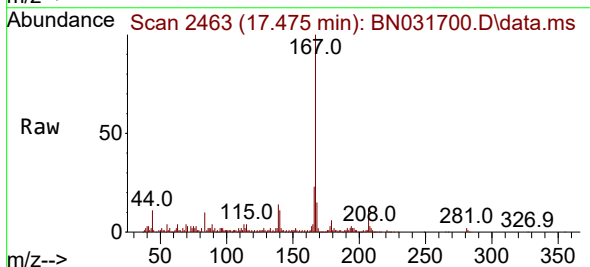
Instrument :
 BNA_N
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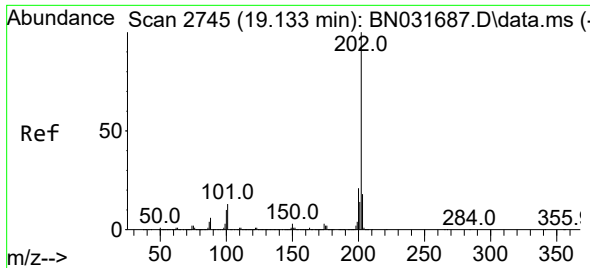
Tgt Ion:178 Resp: 284450
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.8 17.6
 176 17.6 14.8 22.2



#77
 Carbazole
 Concen: 1.062 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031700.D
 Acq: 29 May 2024 21:17

Tgt Ion:167 Resp: 134153
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 14.3 10.5 15.7

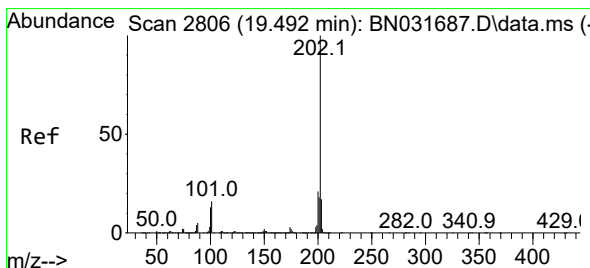
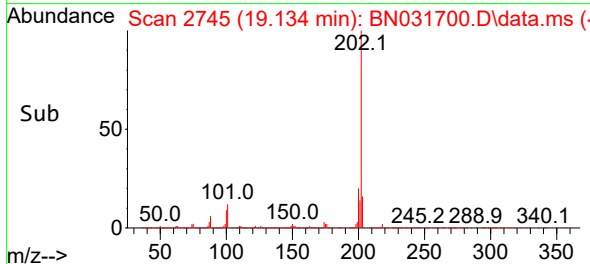
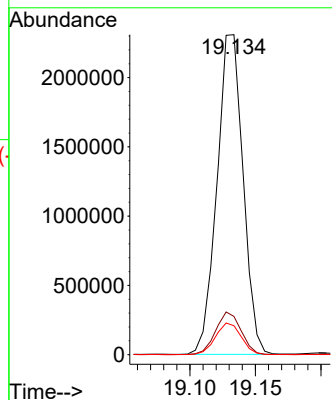
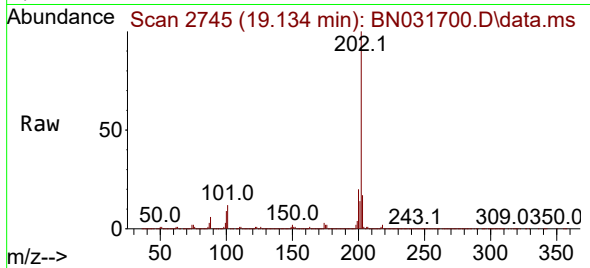




#80
Fluoranthene
Concen: 26.304 ng/ul
RT: 19.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031700.D
Acq: 29 May 2024 21:17

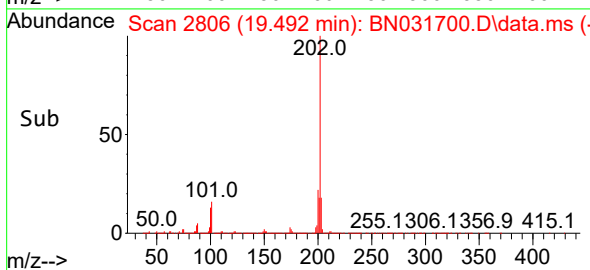
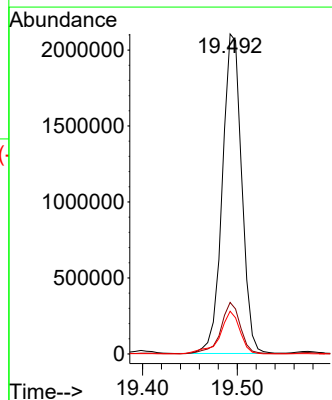
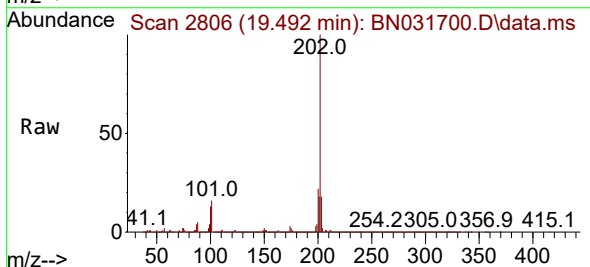
Instrument :
BNA_N
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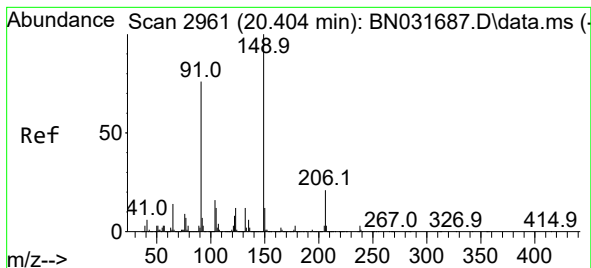
Tgt Ion:202 Resp: 3198431
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 9.1 8.0 12.0



#82
Pyrene
Concen: 23.968 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031700.D
Acq: 29 May 2024 21:17

Tgt Ion:202 Resp: 2990134
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 13.4 10.2 15.2





#83

Butylbenzylphthalate

Concen: 4.819 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

Instrument :

BNA_N

ClientSampleId :

BH698

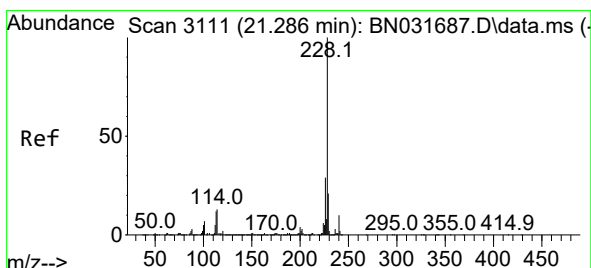
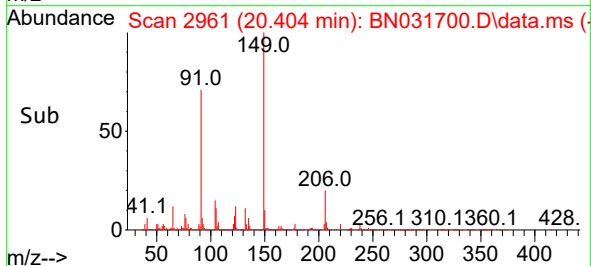
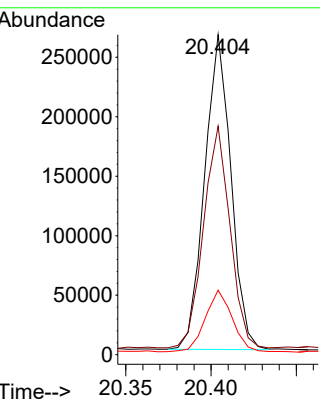
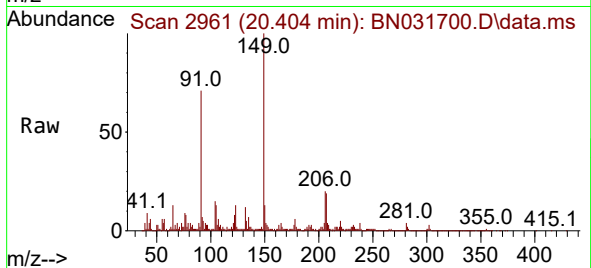
Tgt Ion:149 Resp: 283963

Ion Ratio Lower Upper

149 100

91 71.4 61.0 91.4

206 20.2 16.5 24.7



#85

Benzo(a)anthracene

Concen: 10.537 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

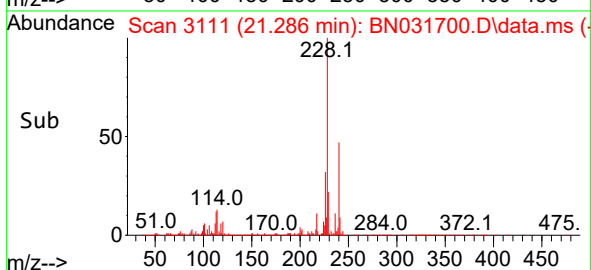
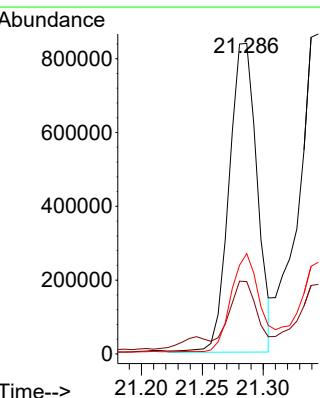
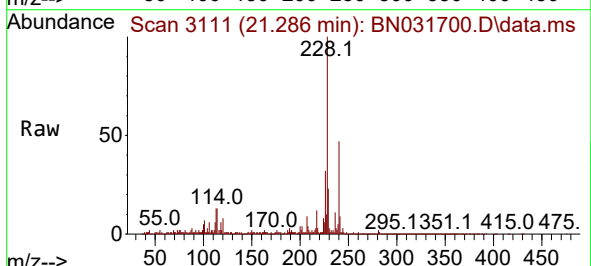
Tgt Ion:228 Resp: 1341001

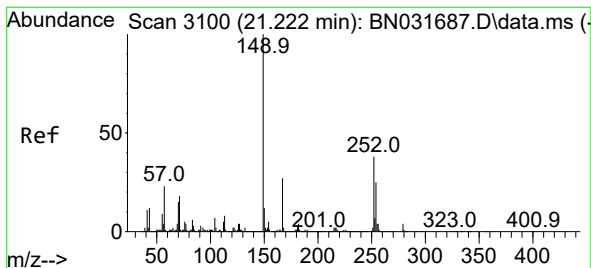
Ion Ratio Lower Upper

228 100

229 23.3 16.7 25.1

226 32.3 22.8 34.2

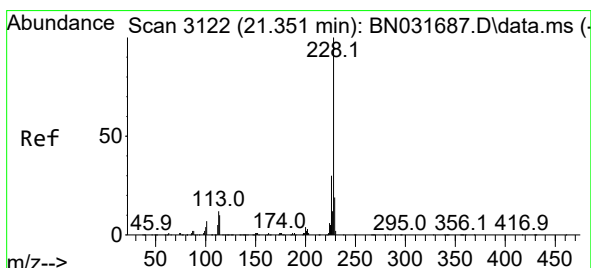
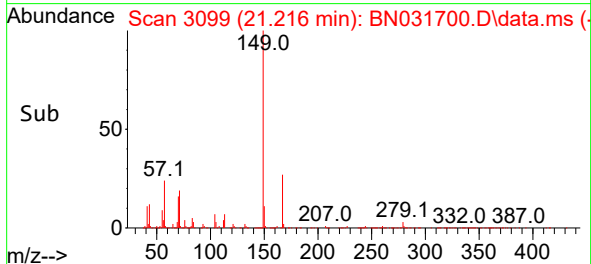
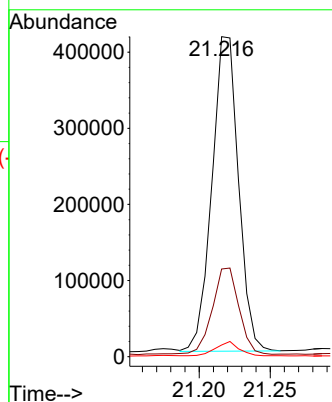
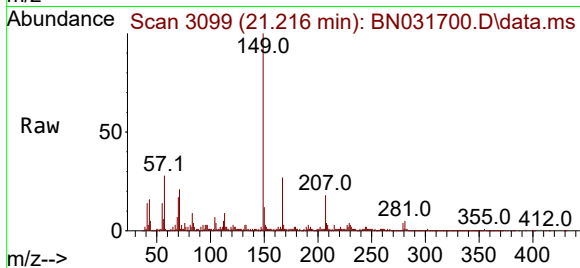




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 6.261 ng/ul
 RT: 21.216 min Scan# 3099
 Delta R.T. -0.006 min
 Lab File: BN031700.D
 Acq: 29 May 2024 21:17

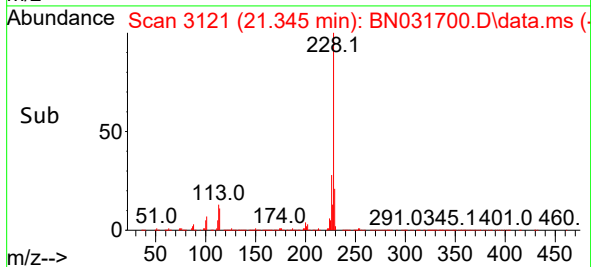
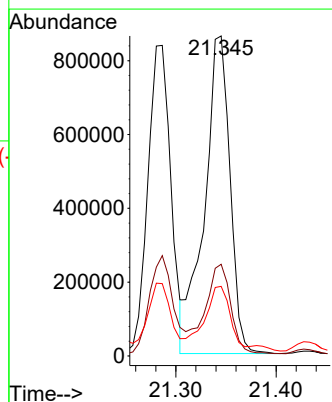
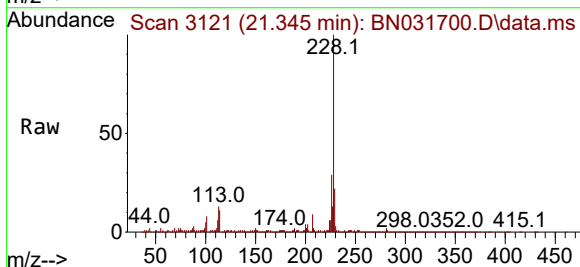
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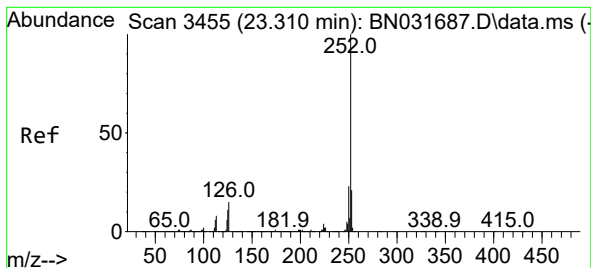
Tgt Ion:149 Resp: 537812
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.4 32.0
 279 3.6 3.3 4.9



#87
 Chrysene
 Concen: 12.850 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BN031700.D
 Acq: 29 May 2024 21:17

Tgt Ion:228 Resp: 1527504
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.7 35.5
 229 21.8 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 14.721 ng/ul

RT: 23.316 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

Instrument :

BNA_N

ClientSampleId :

BH698

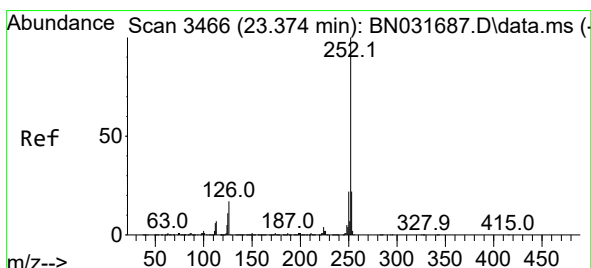
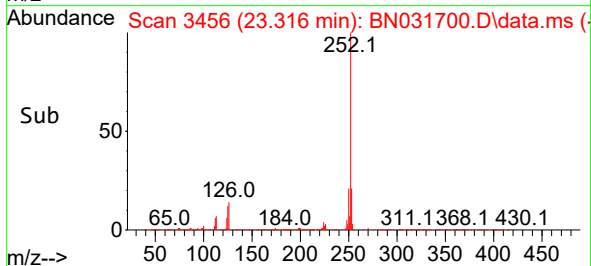
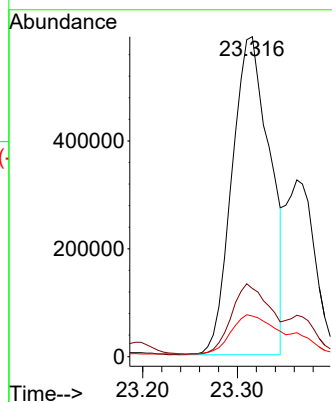
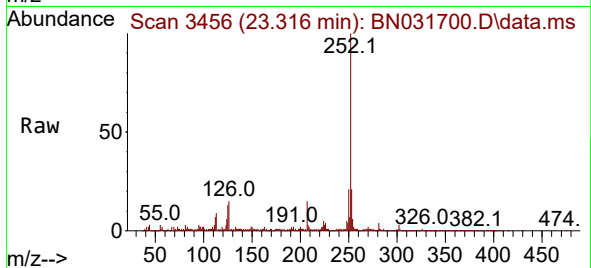
Tgt Ion:252 Resp: 1641020

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 12.7 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 15.002 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. -0.059 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

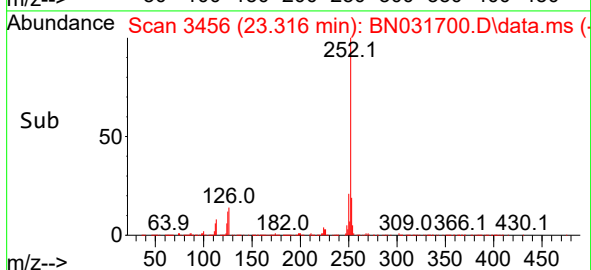
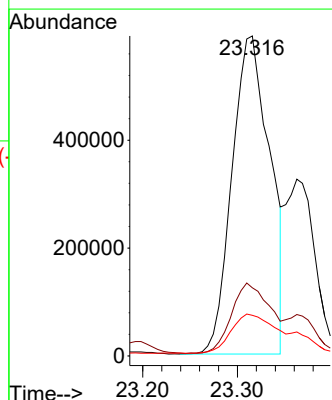
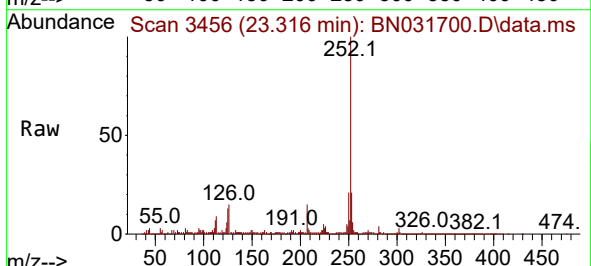
Tgt Ion:252 Resp: 1641020

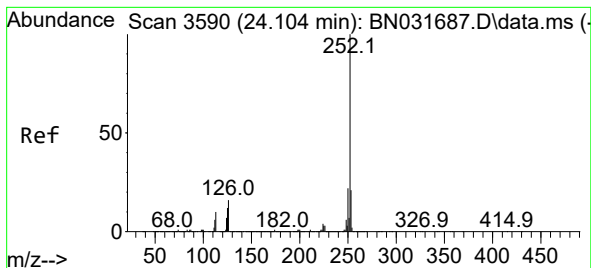
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 12.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 11.459 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

Instrument :

BNA_N

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BH698

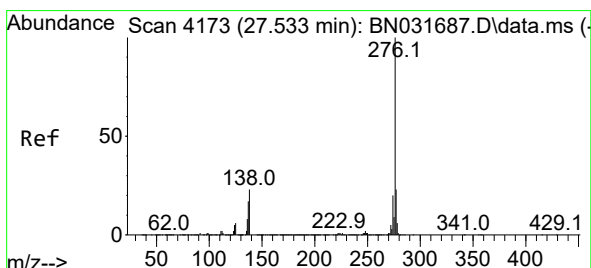
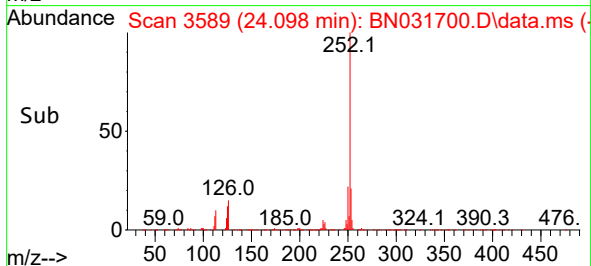
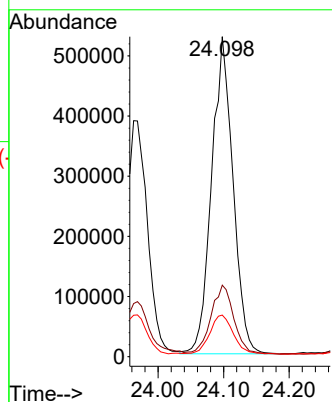
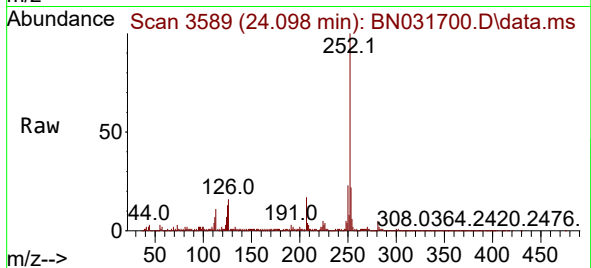
Tgt Ion:252 Resp: 1196381

Ion Ratio Lower Upper

252 100

253 22.3 16.6 24.8

125 13.0 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.167 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BN031700.D

Acq: 29 May 2024 21:17

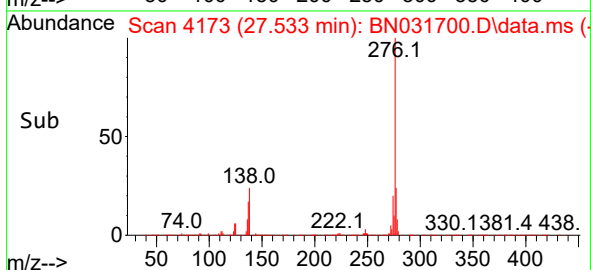
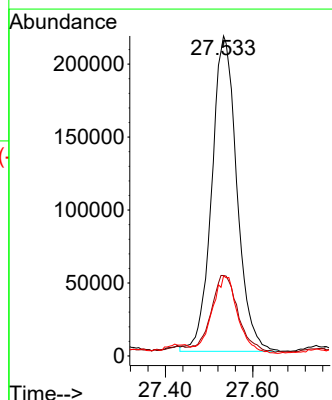
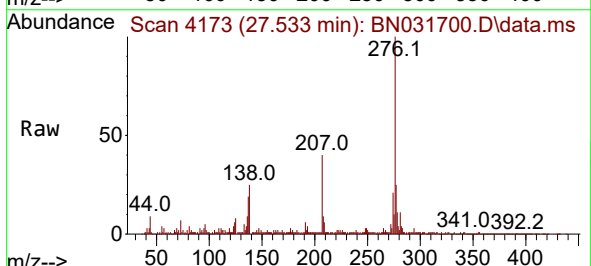
Tgt Ion:276 Resp: 862263

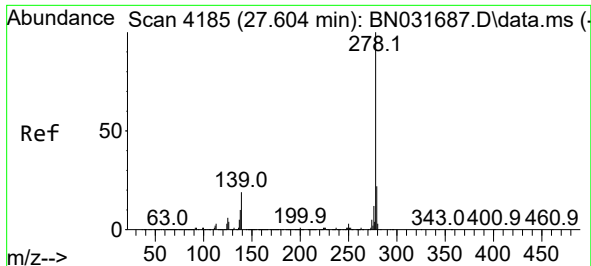
Ion Ratio Lower Upper

276 100

138 25.1 18.1 27.1

277 25.0 18.2 27.2

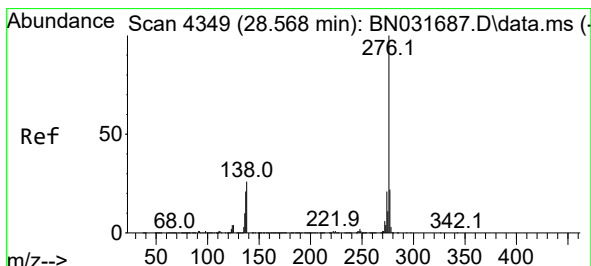
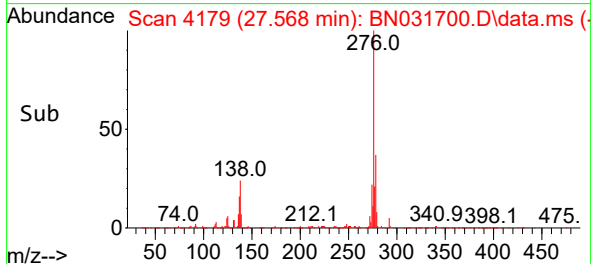
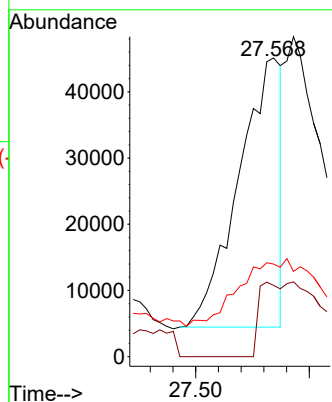
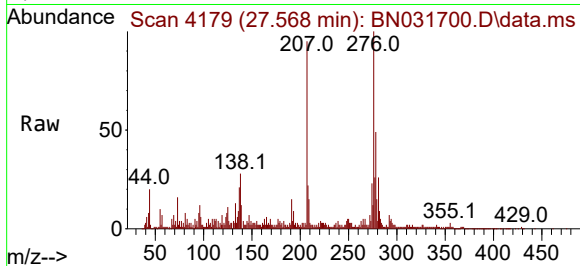




#95
 Dibenzo(a,h)anthracene
 Concen: 1.076 ng/ul
 RT: 27.568 min Scan# 4185
 Delta R.T. -0.035 min
 Lab File: BN031700.D
 Acq: 29 May 2024 21:17

Instrument :
 BNA_N
 ClientSampleId :
 BH698

Tgt Ion:278 Resp: 105702
 Ion Ratio Lower Upper
 278 100
 139 23.9 15.0 22.6#
 279 31.0 17.4 26.0#



#96
 Benzo(g,h,i)perylene
 Concen: 8.823 ng/ul
 RT: 28.568 min Scan# 4349
 Delta R.T. 0.000 min
 Lab File: BN031700.D
 Acq: 29 May 2024 21:17

Tgt Ion:276 Resp: 843773
 Ion Ratio Lower Upper
 276 100
 138 26.2 20.9 31.3
 277 22.1 18.0 27.0

