

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031831.D
 Acq On : 06 Jun 2024 23:11
 Operator : MA/JU
 Sample : P2647-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:41:01 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)

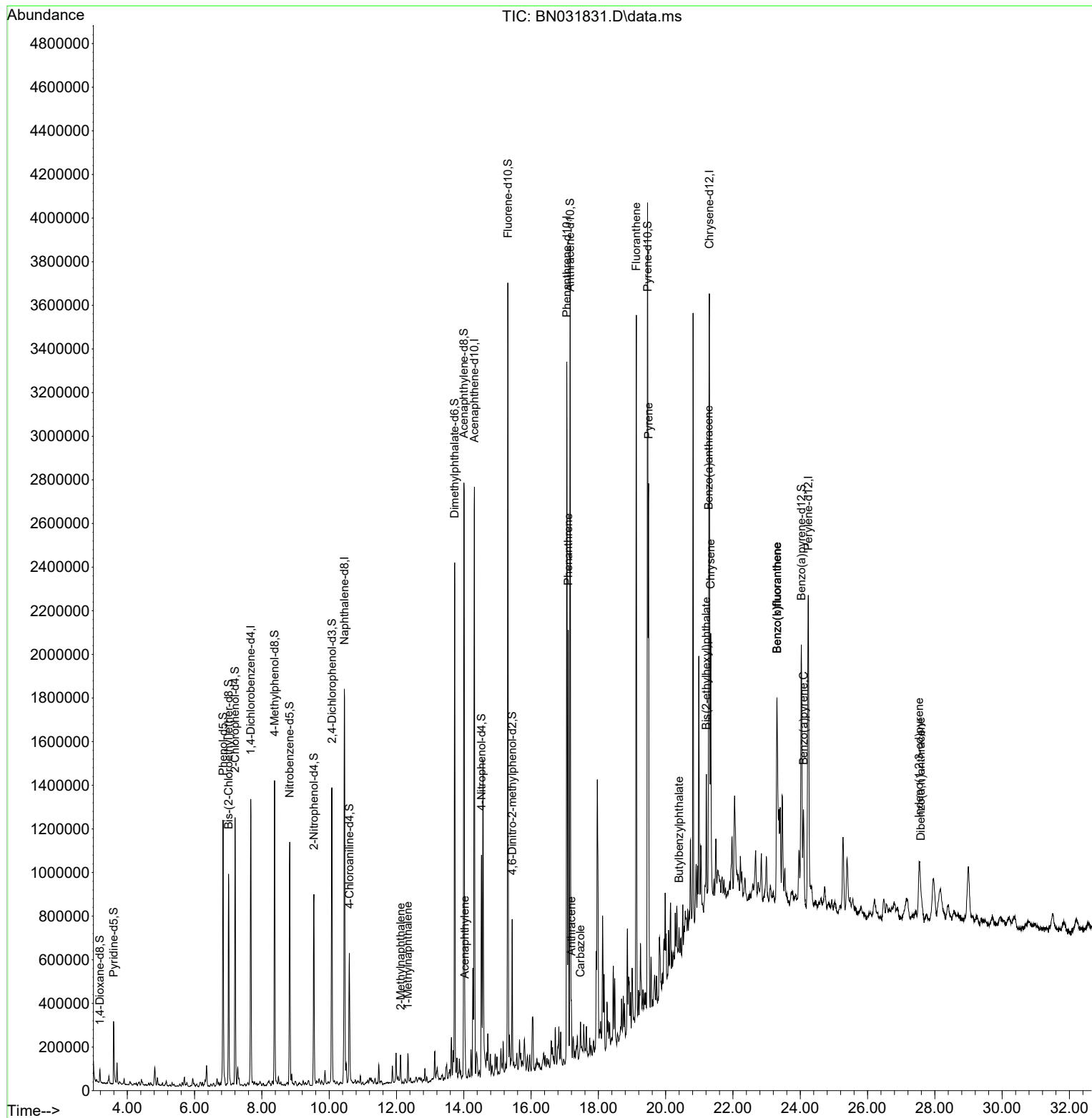
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	372720	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136	1550566	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	960297	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1863344	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1131873	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1280732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	33341	3.701	ng/uL	0.00
4) Pyridine-d5	3.593	84	166688	6.573	ng/ul	0.00
7) Phenol-d5	6.846	99	754473	23.612	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	407953	21.827	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	597651	24.514	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	552234	21.202	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	290324	24.488	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	303247	24.762	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	543740	23.782	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	355967	10.486	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	1592204	23.800	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160	1893543	24.615	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.528	143	269467	20.117	ng/ul	0.00
60) Fluorene-d10	15.310	176	1422986	25.139	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	143483	15.319	ng/ul	0.00
73) Anthracene-d10	17.163	188	2053642	25.743	ng/ul	0.00
81) Pyrene-d10	19.463	212	1761051	29.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1060334	17.338	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.122	142	64484	1.176	ng/ul	93
37) 1-Methylnaphthalene	12.340	142	68111	1.238	ng/ul	97
50) Acenaphthylene	14.034	152	104132	1.198	ng/ul#	97
72) Phenanthrene	17.104	178	1164641	12.270	ng/ul	98
74) Anthracene	17.198	178	178712	1.858	ng/ul	97
77) Carbazole	17.469	167	92733	1.131	ng/ul	96
80) Fluoranthene	19.127	202	1849138	25.546	ng/ul	99
82) Pyrene	19.492	202	1404899	18.917	ng/ul	98
83) Butylbenzylphthalate	20.398	149	43848	1.250	ng/ul	98
85) Benzo(a)anthracene	21.280	228	706624	9.327	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	246838	4.827	ng/ul	100
87) Chrysene	21.339	228	800764	11.316	ng/ul	95
90) Benzo(b)fluoranthene	23.310	252	1009708	13.190	ng/ul	96
91) Benzo(k)fluoranthene	23.310	252	1009708	13.442	ng/ul	97
93) Benzo(a)pyrene	24.098	252	412947	5.760	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.539	276	385081	4.661	ng/ul	94
95) Dibenzo(a,h)anthracene	27.580	278	74141	1.099	ng/ul#	90

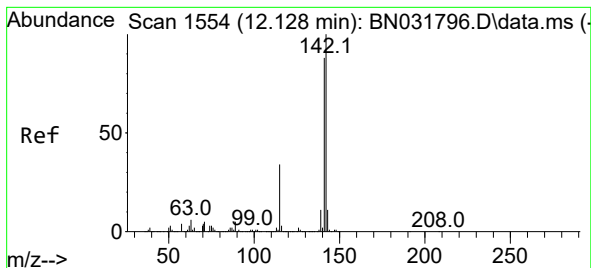
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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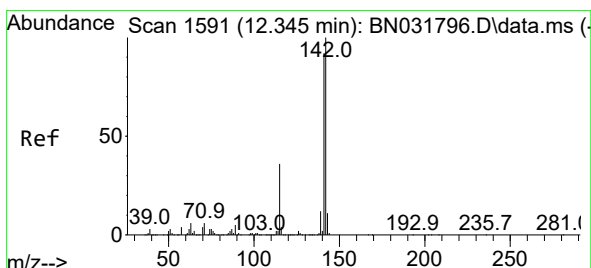
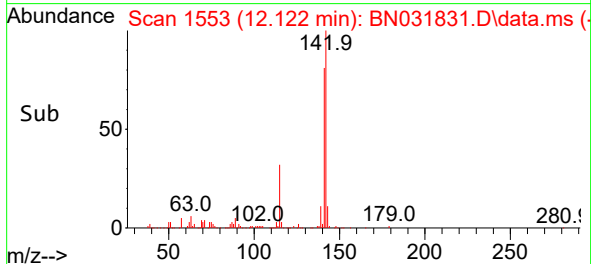
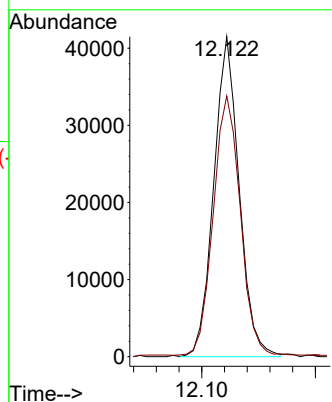
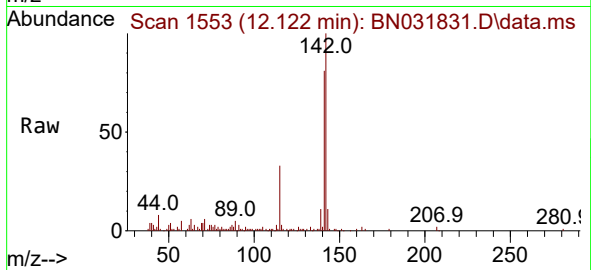




#36
2-Methylnaphthalene
Concen: 1.176 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031831.D
Acq: 06 Jun 2024 23:11

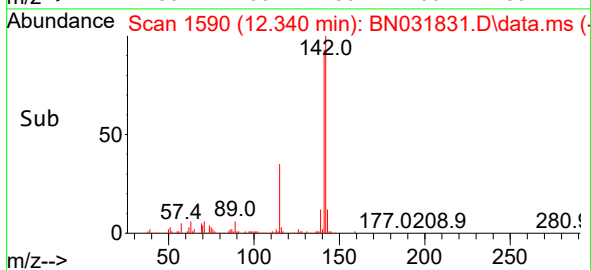
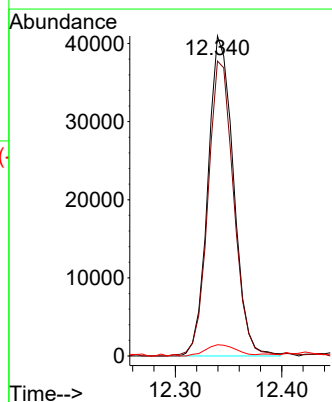
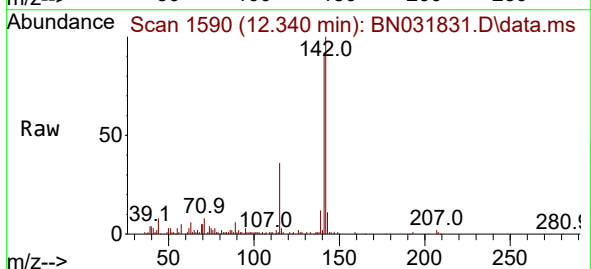
Instrument :
BNA_N
ClientSampleId :

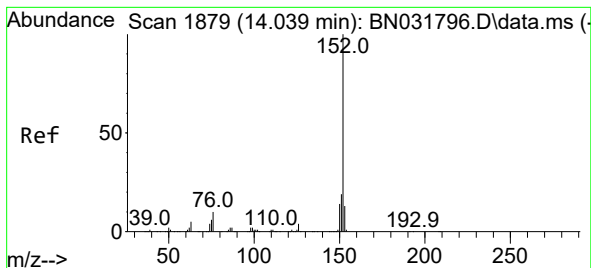
Tgt Ion:142 Resp: 64484
Ion Ratio Lower Upper
142 100
141 81.5 70.1 105.1



#37
1-Methylnaphthalene
Concen: 1.238 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BN031831.D
Acq: 06 Jun 2024 23:11

Tgt Ion:142 Resp: 68111
Ion Ratio Lower Upper
142 100
141 92.1 71.7 107.5
116 3.5 3.0 4.4





#50

Acenaphthylene

Concen: 1.198 ng/ul

RT: 14.034 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

Instrument :

BNA_N

ClientSampleId :

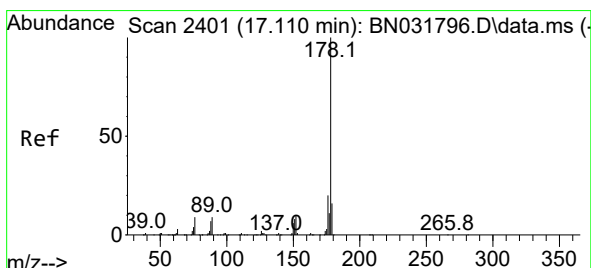
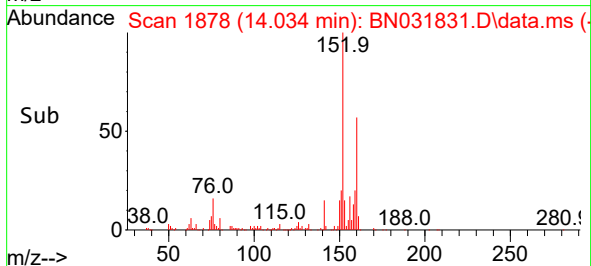
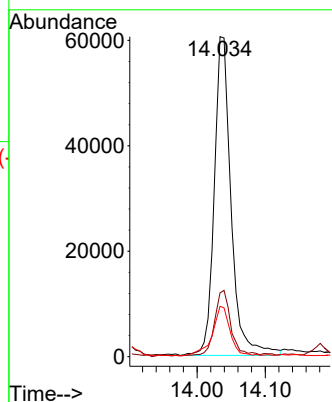
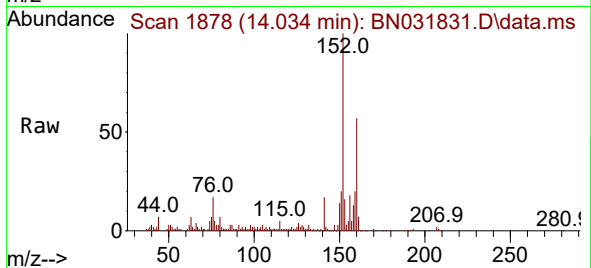
Tgt Ion:152 Resp: 104132

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 15.8 10.4 15.6#



#72

Phenanthrene

Concen: 12.270 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.012 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

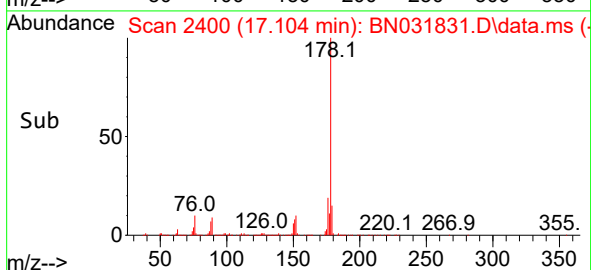
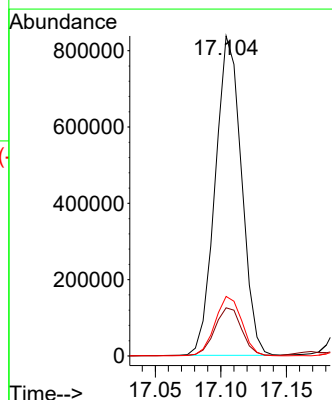
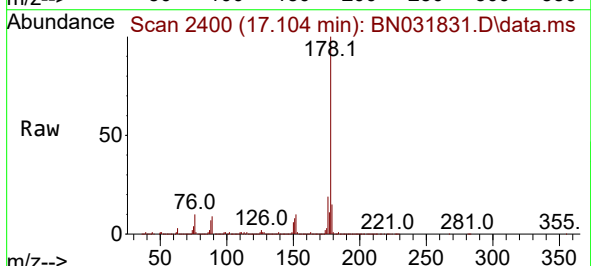
Tgt Ion:178 Resp: 1164641

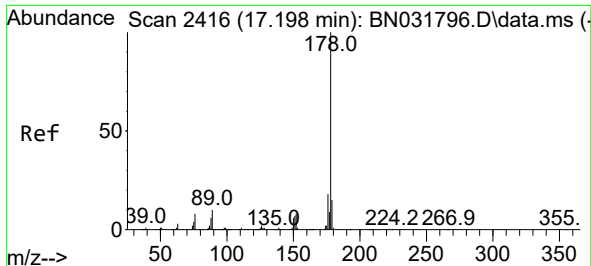
Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

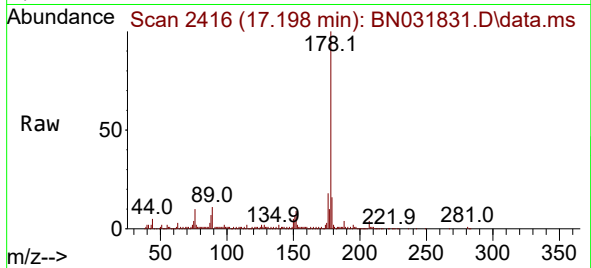
176 18.6 15.8 23.6



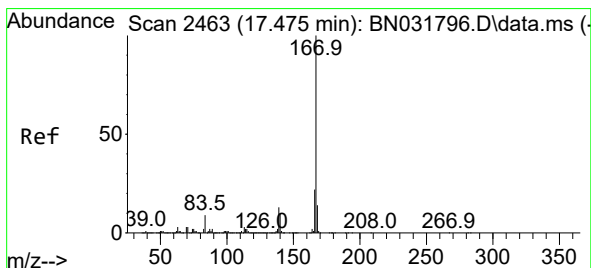
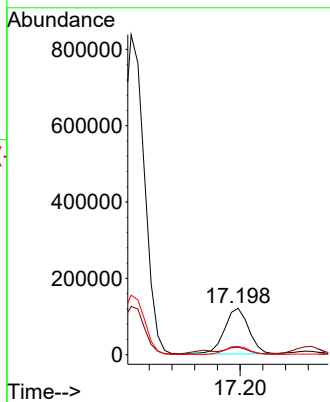
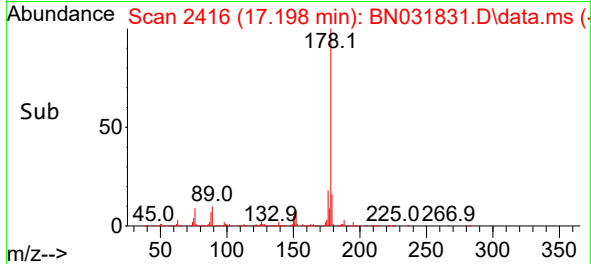


#74
 Anthracene
 Concen: 1.858 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031831.D
 Acq: 06 Jun 2024 23:11

Instrument :
 BNA_N
 ClientSampleId :

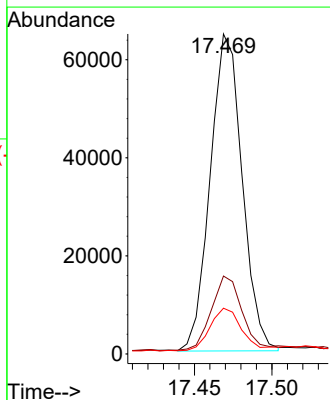
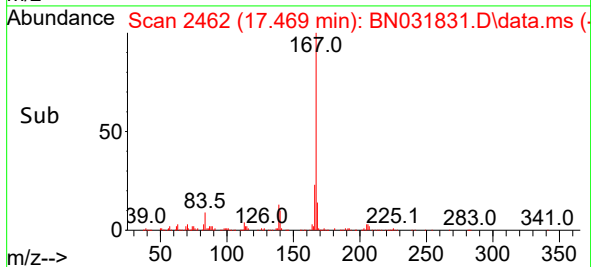
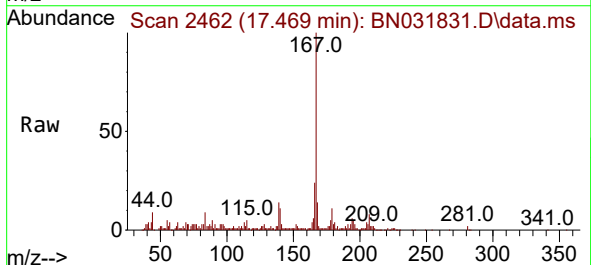


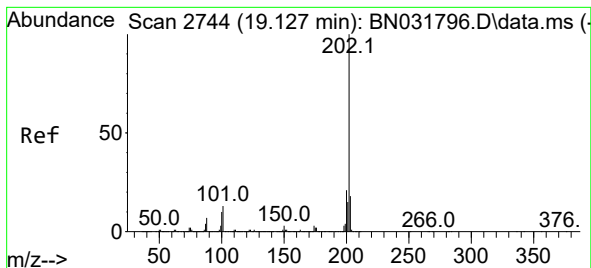
Tgt Ion:178 Resp: 178712
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.8 17.6
 176 17.7 14.8 22.2



#77
 Carbazole
 Concen: 1.131 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031831.D
 Acq: 06 Jun 2024 23:11

Tgt Ion:167 Resp: 92733
 Ion Ratio Lower Upper
 167 100
 166 24.4 17.9 26.9
 139 14.3 10.5 15.7





#80

Fluoranthene

Concen: 25.546 ng/ul

RT: 19.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

Instrument :

BNA_N

ClientSampleId :

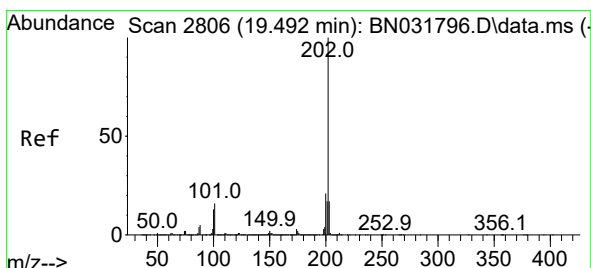
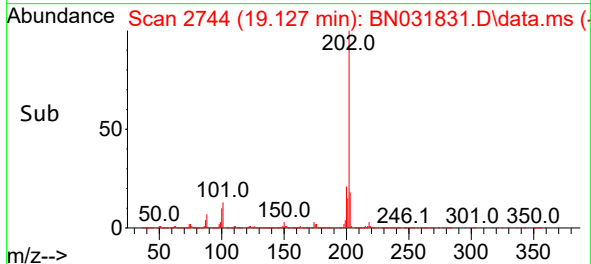
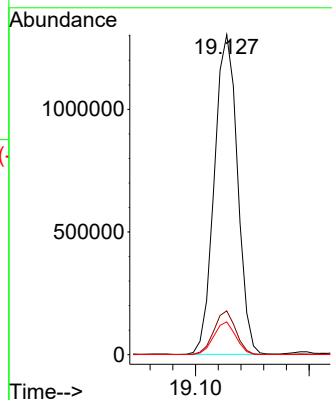
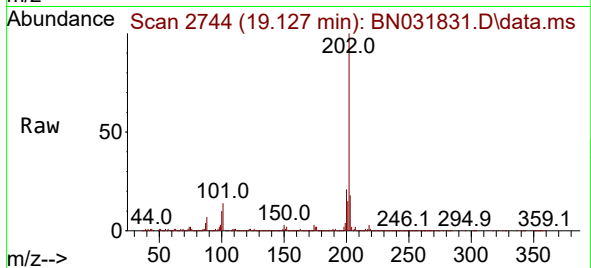
Tgt Ion:202 Resp: 1849138

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

100 10.3 8.0 12.0



#82

Pyrene

Concen: 18.917 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

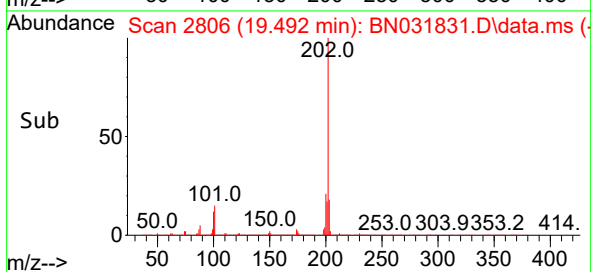
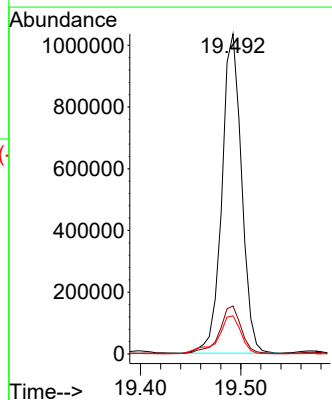
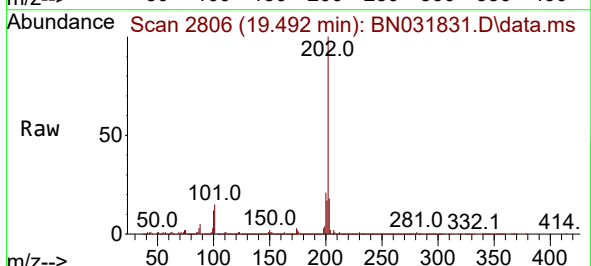
Tgt Ion:202 Resp: 1404899

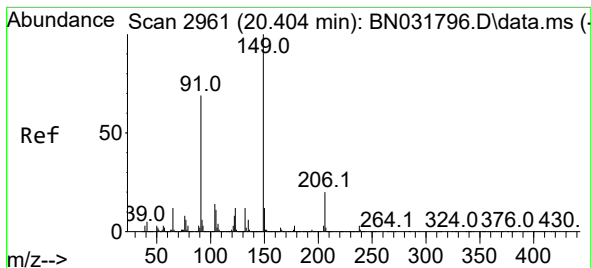
Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

100 11.9 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.250 ng/ul

RT: 20.398 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BN031831.D

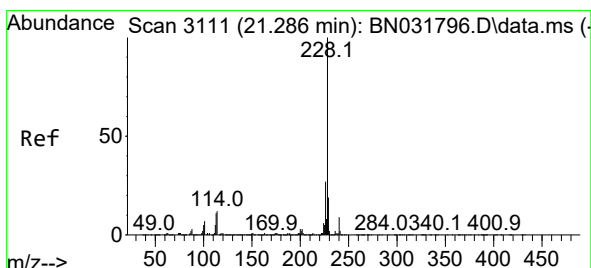
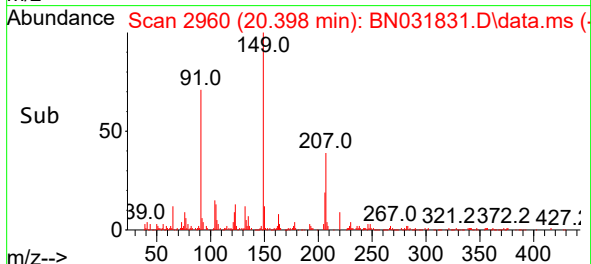
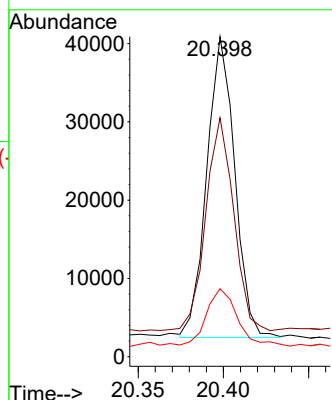
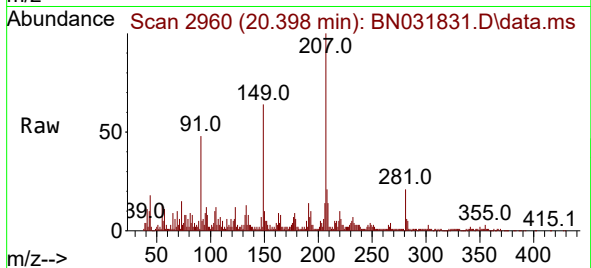
Acq: 06 Jun 2024 23:11

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:149	Resp:	43848
Ion Ratio	Lower	Upper
149	100	
91	74.7	61.0 91.4
206	21.3	16.5 24.7



#85

Benzo(a)anthracene

Concen: 9.327 ng/ul

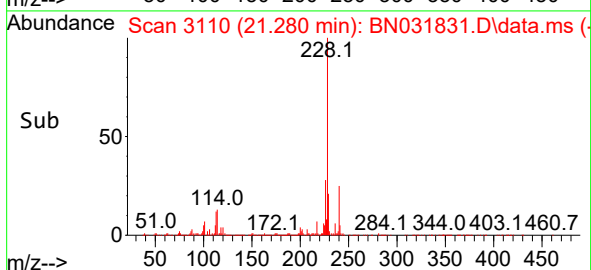
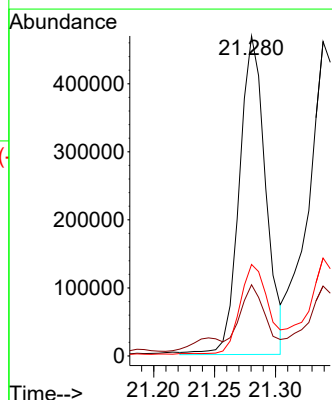
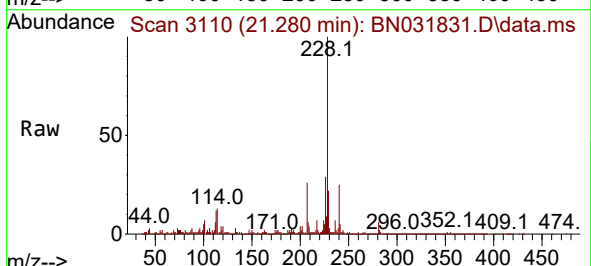
RT: 21.280 min Scan# 3110

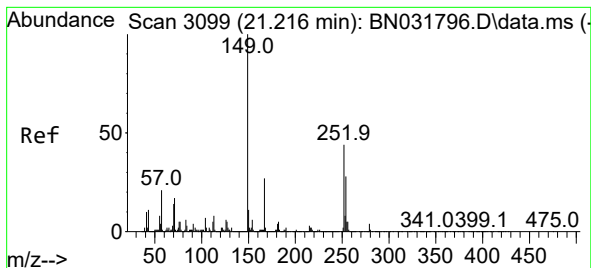
Delta R.T. -0.006 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

Tgt Ion:228	Resp:	706624
Ion Ratio	Lower	Upper
228	100	
229	22.3	16.7 25.1
226	28.6	22.8 34.2

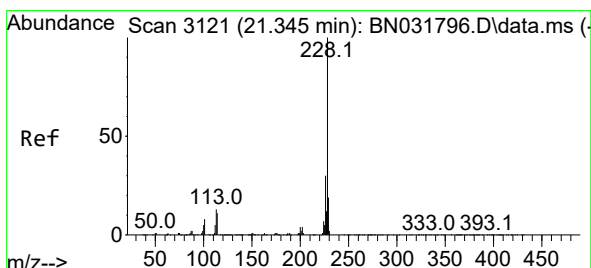
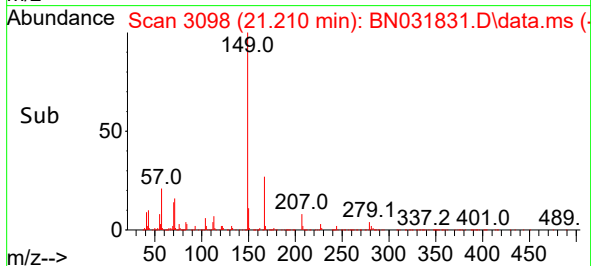
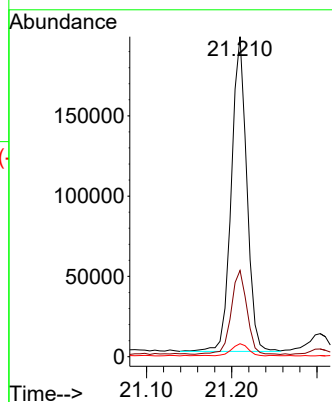
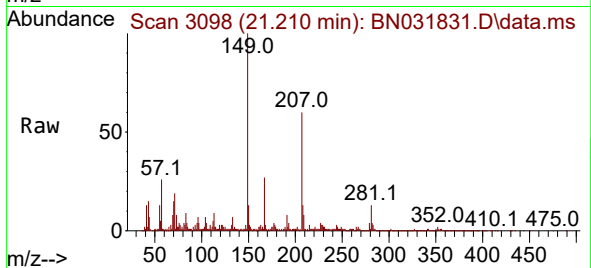




#86
Bis(2-ethylhexyl)phthalate
Concen: 4.827 ng/ul
RT: 21.210 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BN031831.D
Acq: 06 Jun 2024 23:11

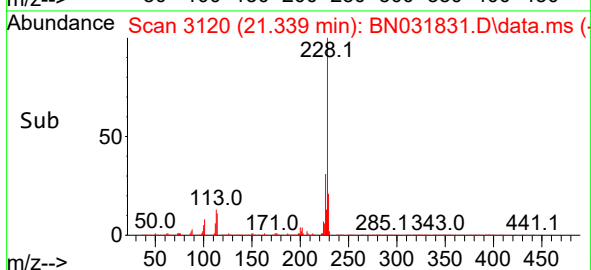
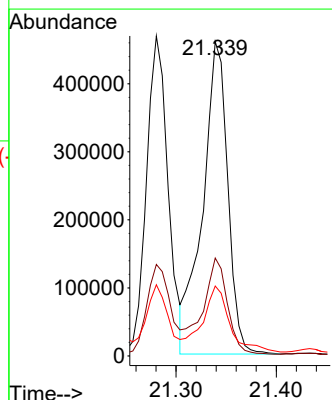
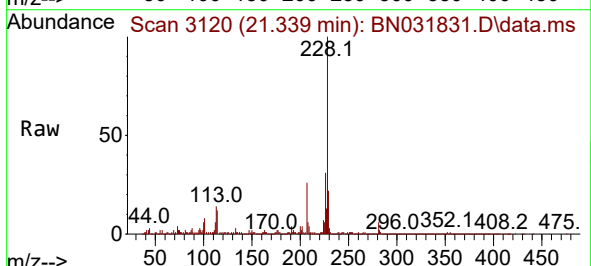
Instrument :
BNA_N
ClientSampleId :

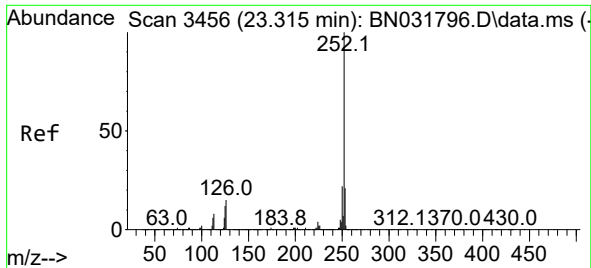
Tgt Ion:149 Resp: 246838
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.1 3.3 4.9



#87
Chrysene
Concen: 11.316 ng/ul
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN031831.D
Acq: 06 Jun 2024 23:11

Tgt Ion:228 Resp: 800764
Ion Ratio Lower Upper
228 100
226 31.1 23.7 35.5
229 22.2 15.1 22.7

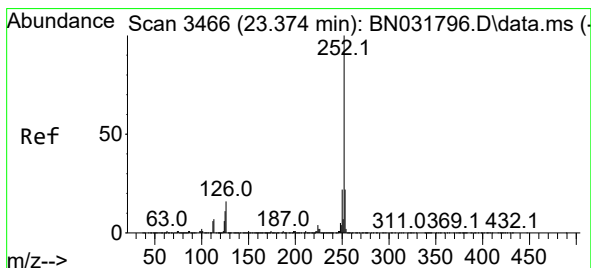
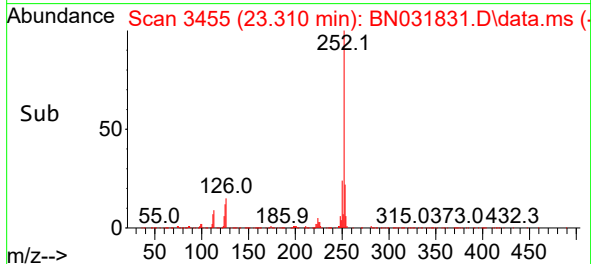
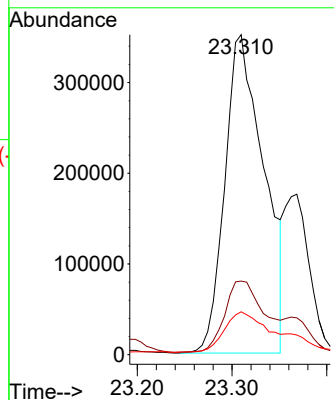
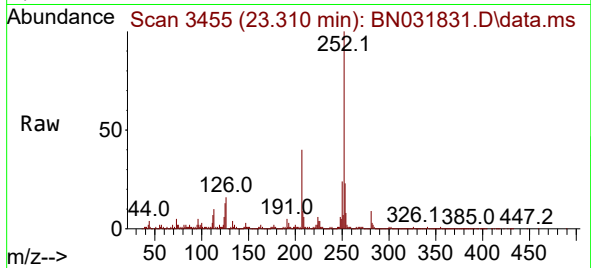




#90
Benzo(b)fluoranthene
Concen: 13.190 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN031831.D
Acq: 06 Jun 2024 23:11

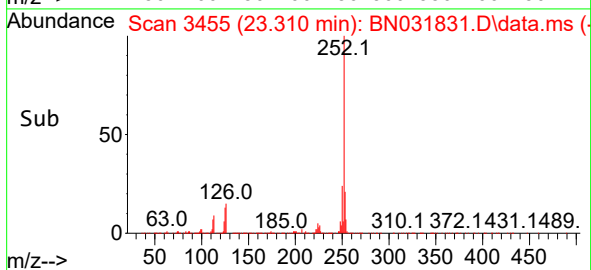
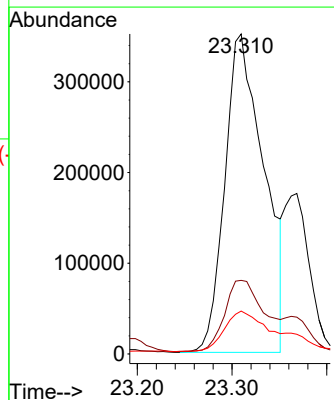
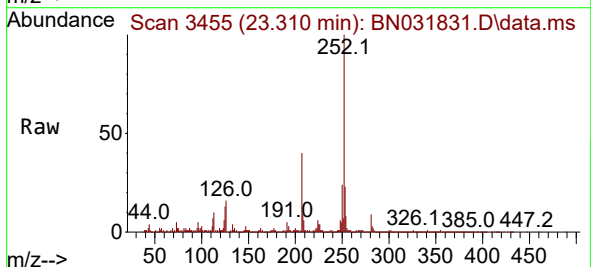
Instrument :
BNA_N
ClientSampleId :

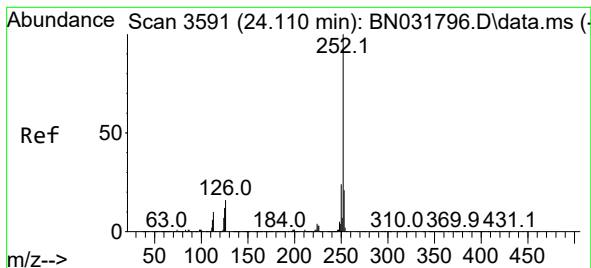
Tgt Ion:252 Resp: 1009708
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 13.4 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 13.442 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. -0.065 min
Lab File: BN031831.D
Acq: 06 Jun 2024 23:11

Tgt Ion:252 Resp: 1009708
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 13.4 9.4 14.2





#93

Benzo(a)pyrene

Concen: 5.760 ng/ul

RT: 24.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

Instrument :

BNA_N

ClientSampleId :

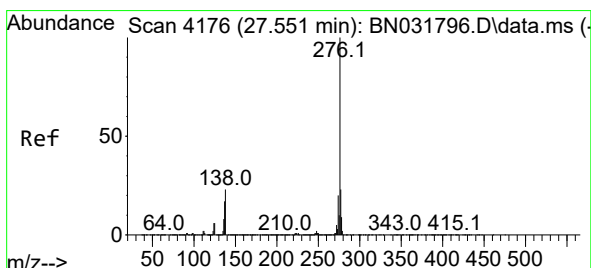
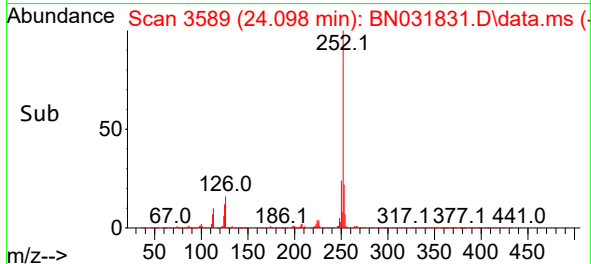
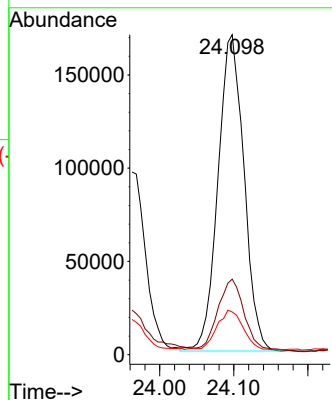
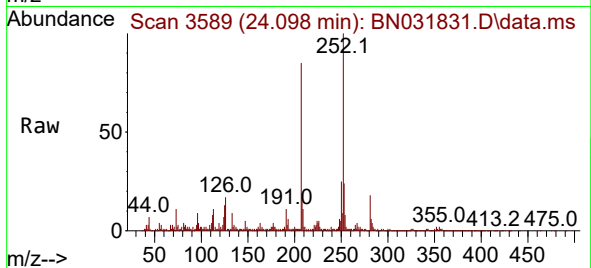
Tgt Ion:252 Resp: 412947

Ion Ratio Lower Upper

252 100

253 23.6 16.6 24.8

125 13.3 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.661 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

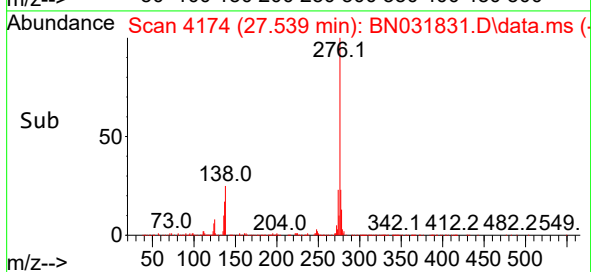
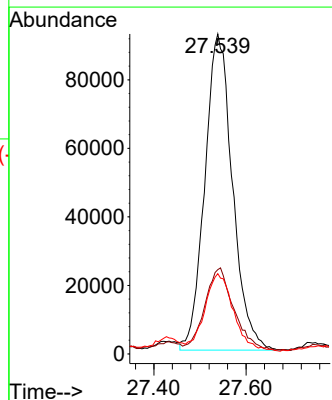
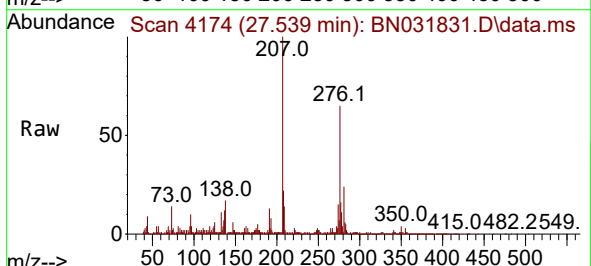
Tgt Ion:276 Resp: 385081

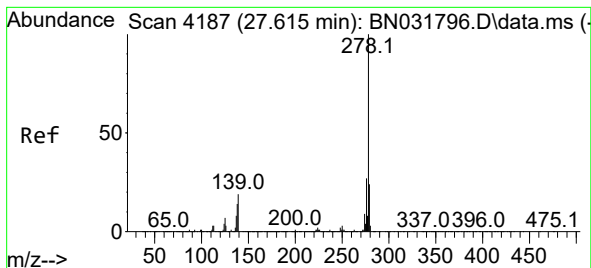
Ion Ratio Lower Upper

276 100

138 26.3 18.1 27.1

277 25.1 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.099 ng/ul

RT: 27.580 min Scan# 41

Delta R.T. -0.024 min

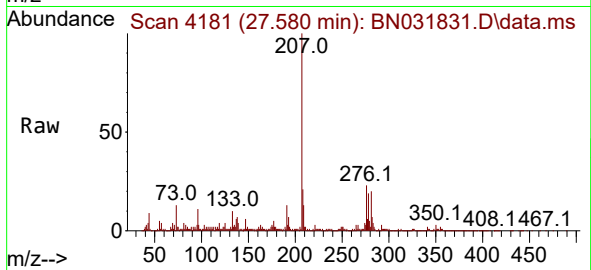
Lab File: BN031831.D

Acq: 06 Jun 2024 23:11

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 74141

Ion Ratio Lower Upper

278 100

139 22.5 15.0 22.6

279 27.5 17.4 26.0#

