

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031656.D
 Acq On : 24 May 2024 11:42
 Operator : MA/JU
 Sample : P2548-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y4

Quant Time: May 24 22:41:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	491255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1964485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1002499	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1662846	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1426872	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1790367	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	31103	2.510	ng/uL	0.00
4) Pyridine-d5	3.605	84	325959	9.424	ng/u1	0.00
7) Phenol-d5	6.852	99	611530	15.122	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	376256	15.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	500306	16.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	403091	12.876	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	231496	15.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	222961	15.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	420876	15.161	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	370034	9.247	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1126667	17.833	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1370342	17.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	132112	11.052	ng/u1	0.00
60) Fluorene-d10	15.322	176	952150	17.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	68488	9.527	ng/u1	0.00
73) Anthracene-d10	17.169	188	1292414	18.360	ng/u1	0.00
81) Pyrene-d10	19.463	212	1454608	16.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1615267	19.167	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.522	128	117319	1.160	ng/u1	99
50) Acenaphthylene	14.045	152	179116	1.960	ng/u1	97
52) Acenaphthene	14.392	153	266873	4.506	ng/u1	89
55) 4-Nitrophenol	14.557	109	53327	5.921	ng/u1#	1
56) Dibenzofuran	14.728	168	235792	2.982	ng/u1	98
61) Fluorene	15.375	166	239228	3.863	ng/u1	98
72) Phenanthrene	17.116	178	4879398	57.820	ng/u1	99
74) Anthracene	17.204	178	1152987	13.618	ng/u1	98
77) Carbazole	17.475	167	543808	7.527	ng/u1	97
80) Fluoranthene	19.133	202	6819136	61.640	ng/u1	99
82) Pyrene	19.498	202	5862608	51.674	ng/u1	99
83) Butylbenzylphthalate	20.404	149	125816	3.268	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3215408	33.511	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	309295	5.867	ng/u1	99
87) Chrysene	21.345	228	2990876	33.745	ng/u1	95
90) Benzo(b)fluoranthene	23.315	252	4374247	41.868	ng/u1	97
91) Benzo(k)fluoranthene	23.315	252	4374247	41.072	ng/u1	98
93) Benzo(a)pyrene	24.104	252	3121625	31.104	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.539	276	2222501	18.452	ng/u1	99
95) Dibenzo(a,h)anthracene	27.580	278	322271	3.249	ng/u1	95
96) Benzo(g,h,i)perylene	28.568	276	2057267	20.673	ng/u1	96

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

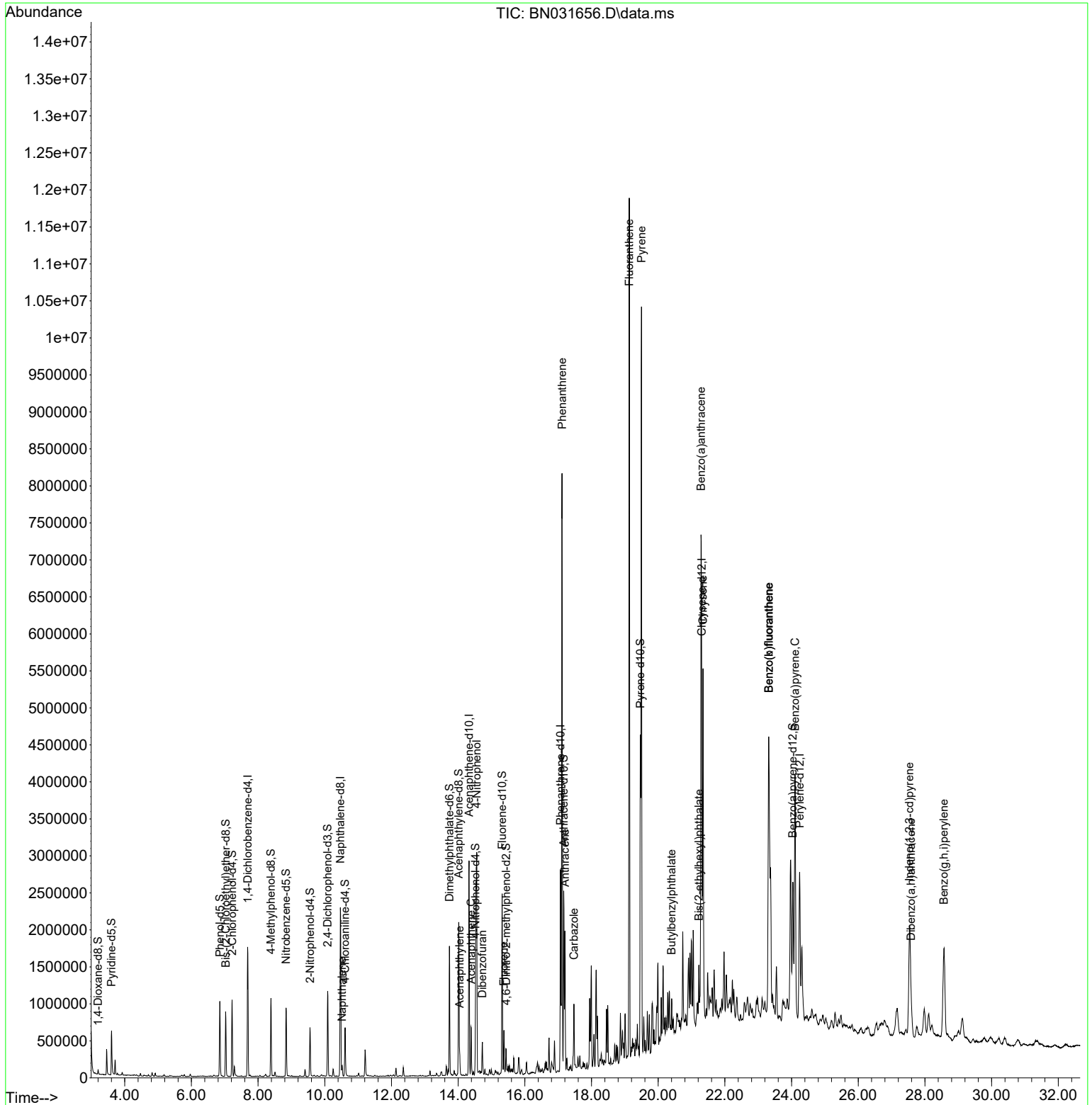
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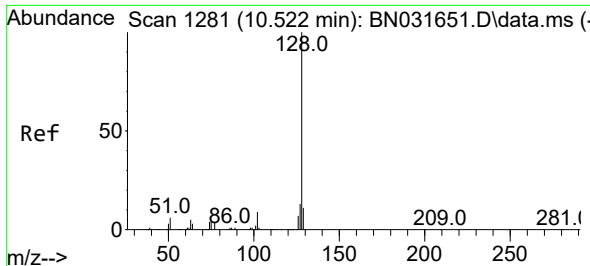
BNA_N

ClientSampleId :

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
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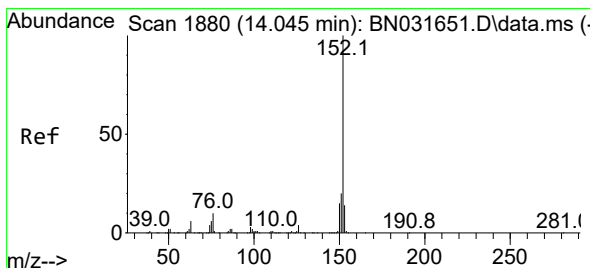
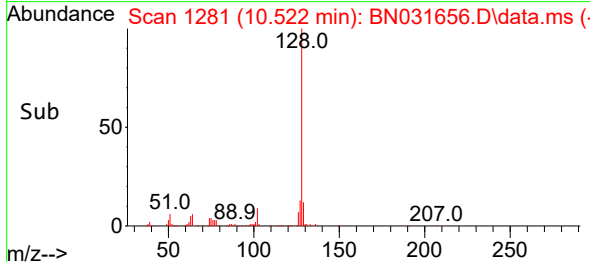
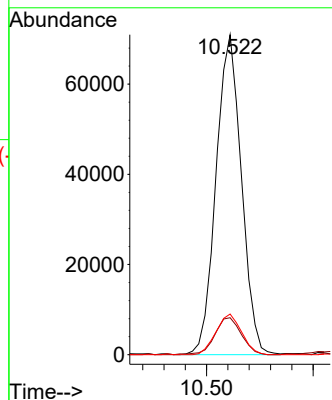
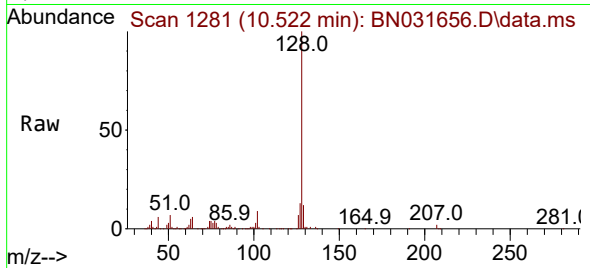




#30
Naphthalene
Concen: 1.160 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

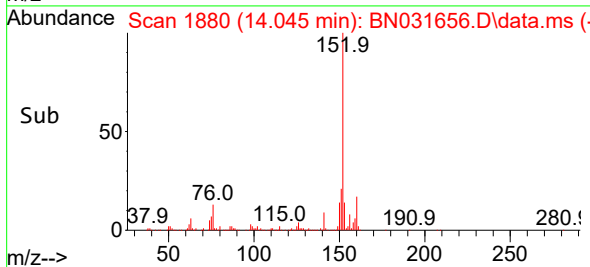
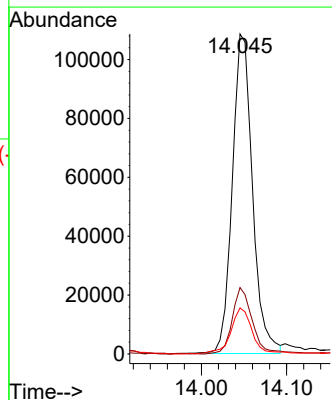
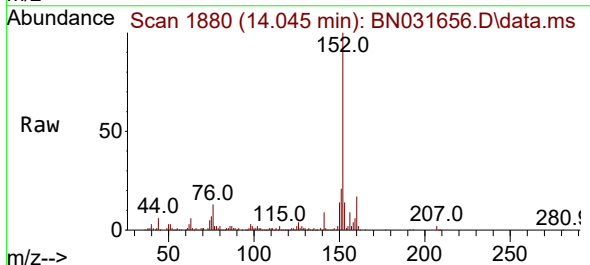
Instrument :
BNA_N
ClientSampleId :
BH5Y4

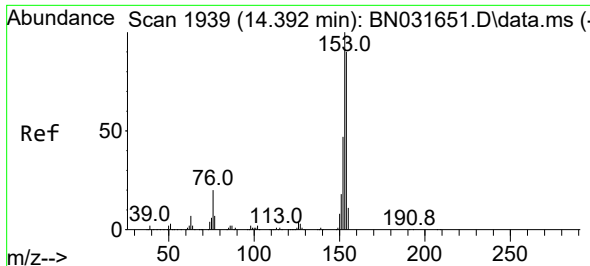
Tgt Ion:128 Resp: 117319
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.7 10.2 15.2



#50
Acenaphthylene
Concen: 1.960 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

Tgt Ion:152 Resp: 179116
Ion Ratio Lower Upper
152 100
151 20.7 15.6 23.4
153 14.4 10.8 16.2

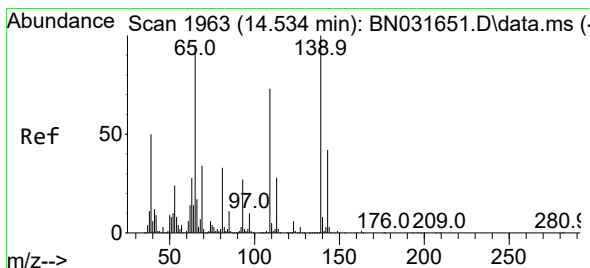
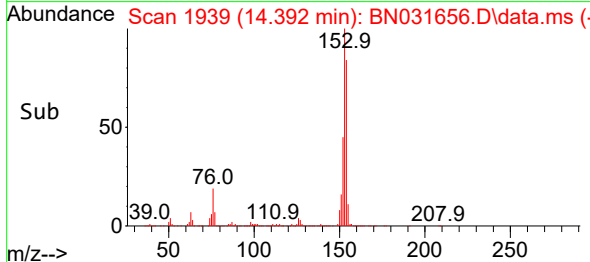
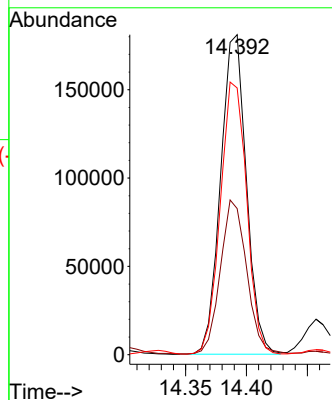
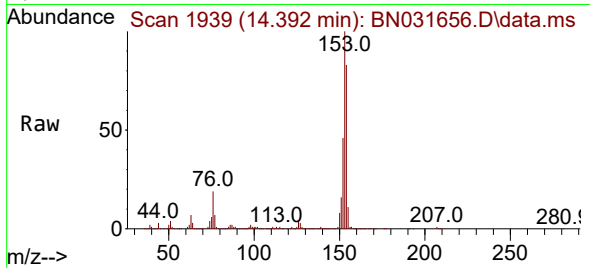




#52
Acenaphthene
Concen: 4.506 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

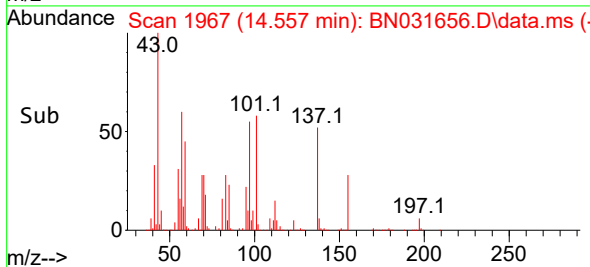
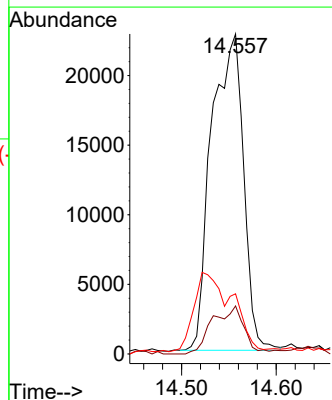
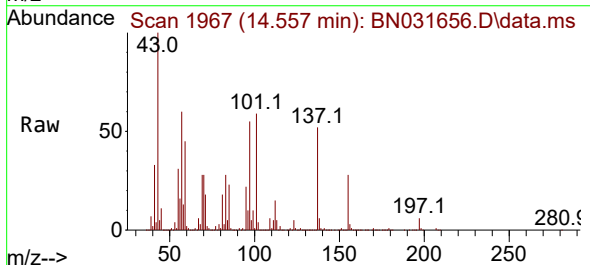
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BNA_N
ClientSampleId :
BH5Y4

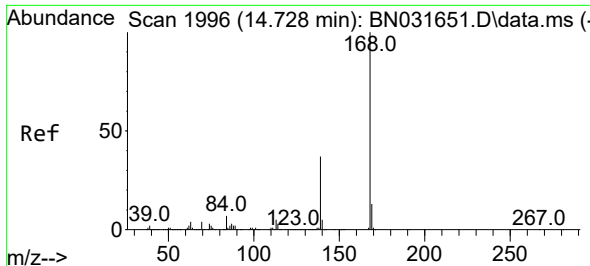
Tgt Ion:153 Resp: 266873
Ion Ratio Lower Upper
153 100
152 45.7 40.5 60.7
154 83.4 76.6 114.8



#55
4-Nitrophenol
Concen: 5.921 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. 0.018 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

Tgt Ion:109 Resp: 53327
Ion Ratio Lower Upper
109 100
139 15.0 113.8 170.6#
65 18.8 101.1 151.7#

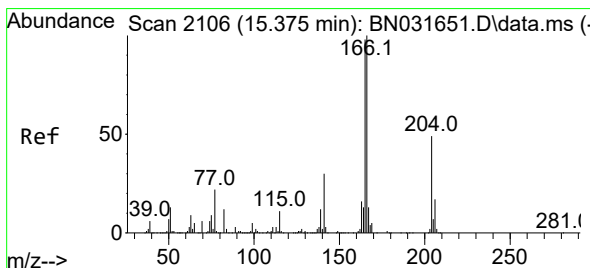
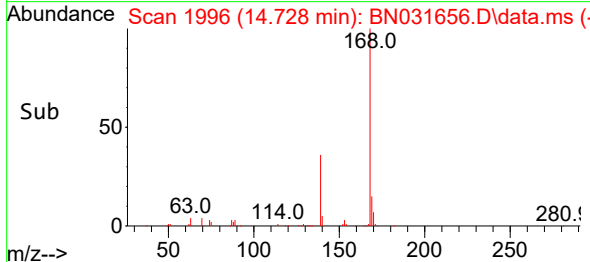
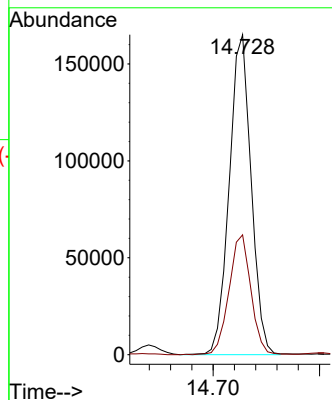
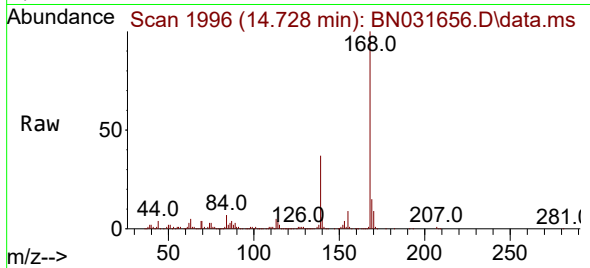




#56
Dibenzenofuran
Concen: 2.982 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

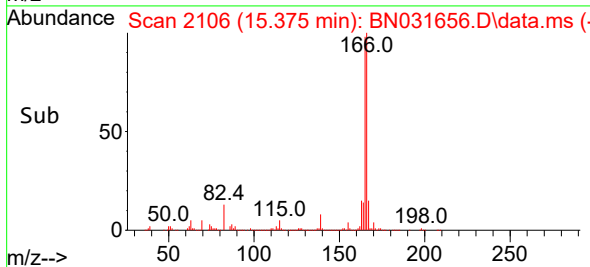
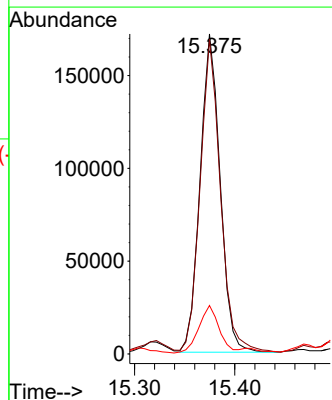
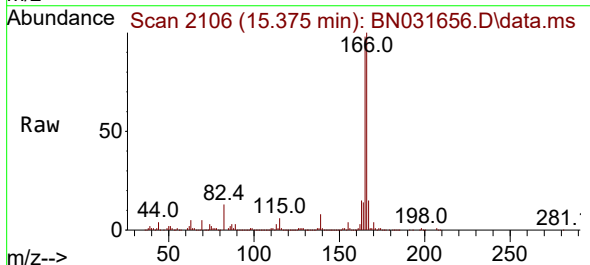
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BNA_N
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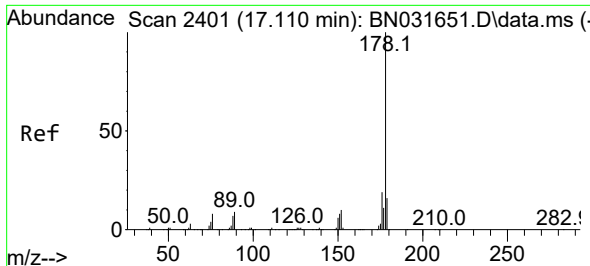
Tgt Ion:168 Resp: 235792
Ion Ratio Lower Upper
168 100
139 37.4 29.2 43.8



#61
Fluorene
Concen: 3.863 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

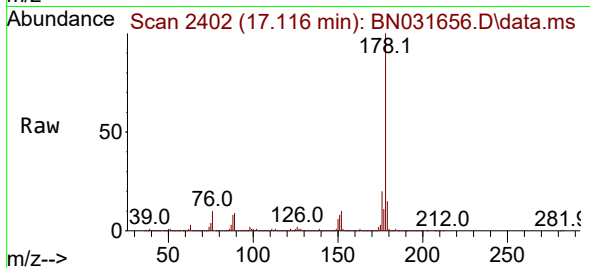
Tgt Ion:166 Resp: 239228
Ion Ratio Lower Upper
166 100
165 98.3 77.0 115.6
167 15.1 10.9 16.3



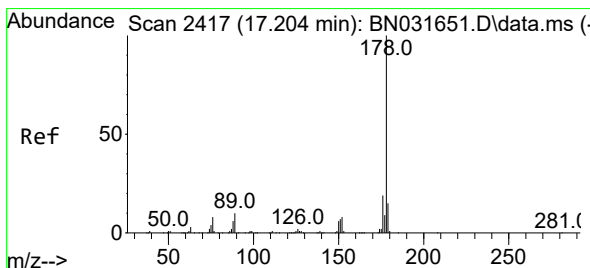
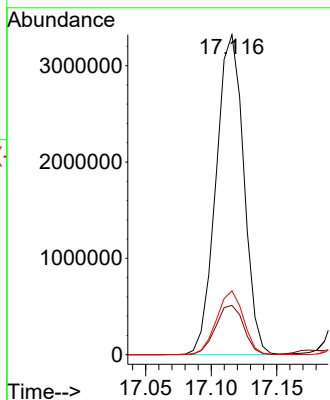
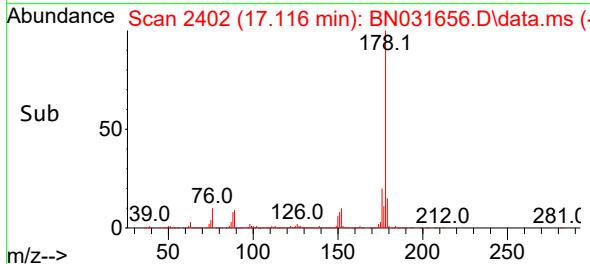


#72
Phenanthrene
Concen: 57.820 ng/ul
RT: 17.116 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

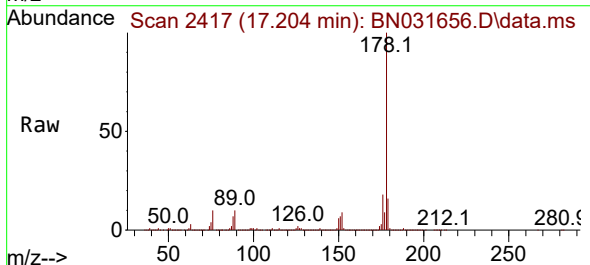
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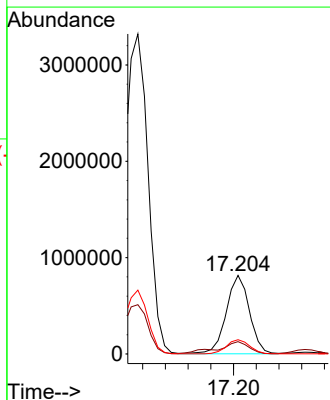
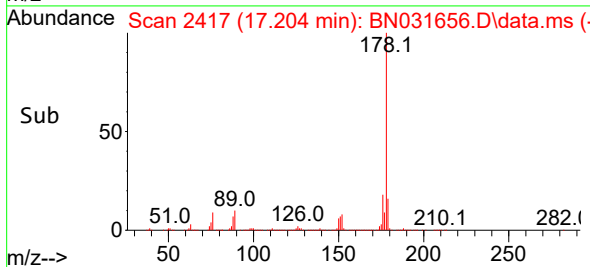
Tgt Ion:178 Resp: 4879398
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 20.0 15.2 22.8

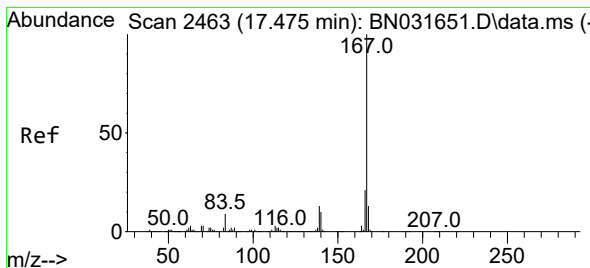


#74
Anthracene
Concen: 13.618 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



Tgt Ion:178 Resp: 1152987
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 18.1 15.4 23.2





#77

Carbazole

Concen: 7.527 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

Instrument :

BNA_N

ClientSampleId :

BH5Y4

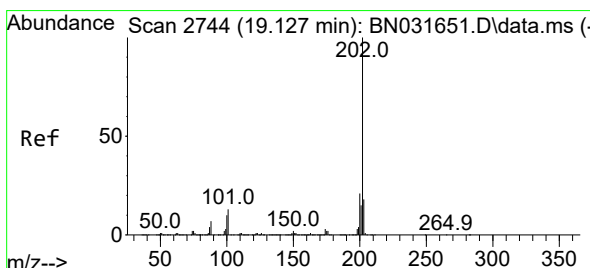
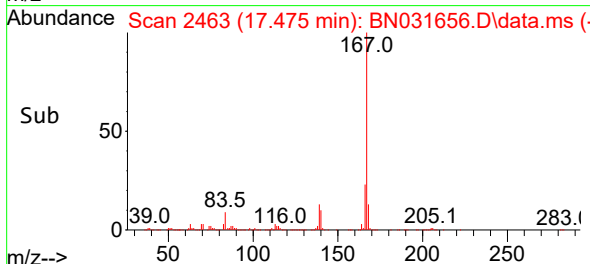
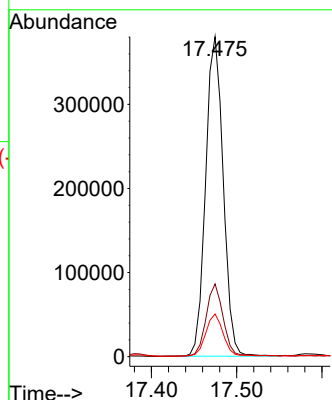
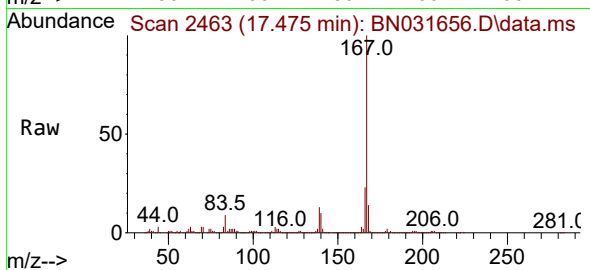
Tgt Ion:167 Resp: 543808

Ion Ratio Lower Upper

167 100

166 22.7 16.7 25.1

139 13.4 10.5 15.7



#80

Fluoranthene

Concen: 61.640 ng/ul

RT: 19.133 min Scan# 2745

Delta R.T. -0.000 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

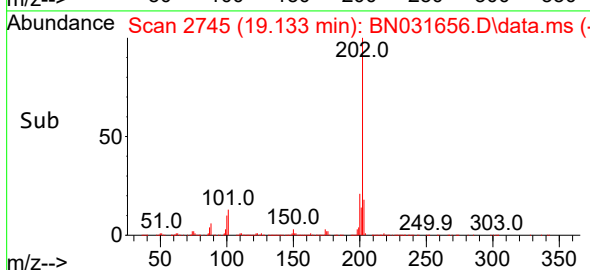
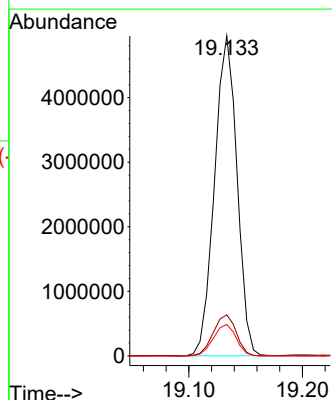
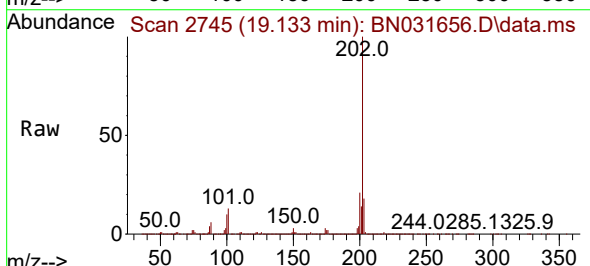
Tgt Ion:202 Resp: 6819136

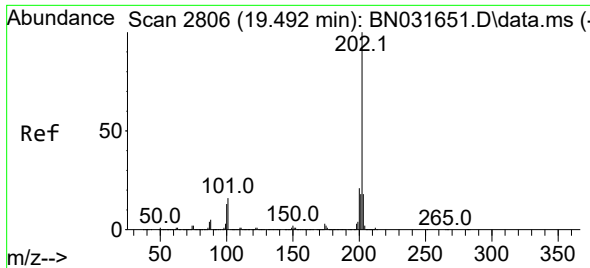
Ion Ratio Lower Upper

202 100

101 12.9 10.1 15.1

100 9.9 8.0 12.0

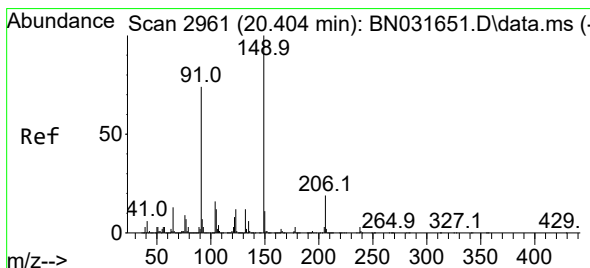
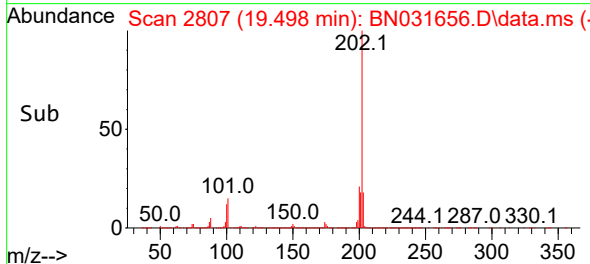
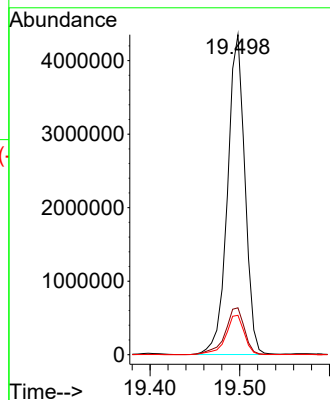
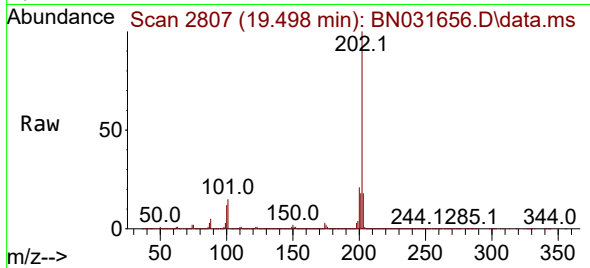




#82
 Pyrene
 Concen: 51.674 ng/ul
 RT: 19.498 min Scan# 2807
 Delta R.T. -0.000 min
 Lab File: BN031656.D
 Acq: 24 May 2024 11:42

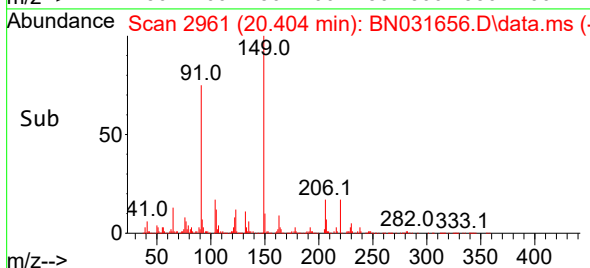
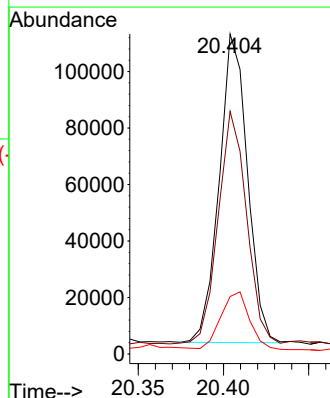
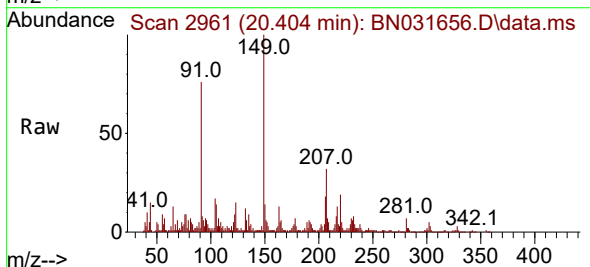
Instrument :
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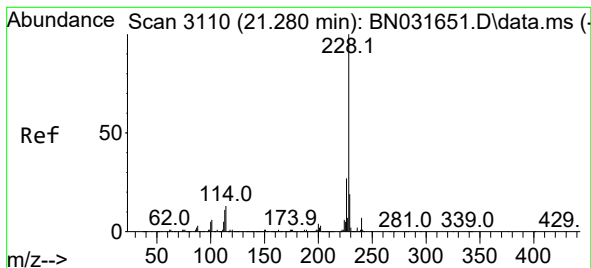
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 Ion Ratio Lower Upper
 202 100
 101 14.7 11.4 17.2
 100 12.3 9.3 13.9



#83
 Butylbenzylphthalate
 Concen: 3.268 ng/ul
 RT: 20.404 min Scan# 2961
 Delta R.T. -0.006 min
 Lab File: BN031656.D
 Acq: 24 May 2024 11:42

Tgt Ion:149 Resp: 125816
 Ion Ratio Lower Upper
 149 100
 91 75.8 60.8 91.2
 206 18.0 15.8 23.8





#85

Benzo(a)anthracene

Concen: 33.511 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

Instrument :

BNA_N

ClientSampleId :

BH5Y4

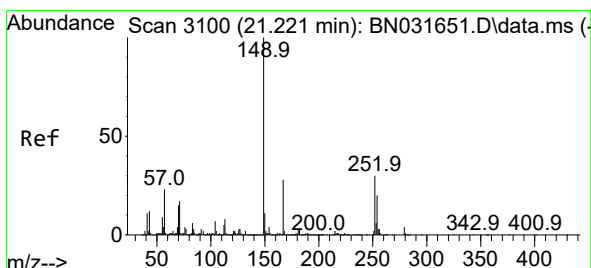
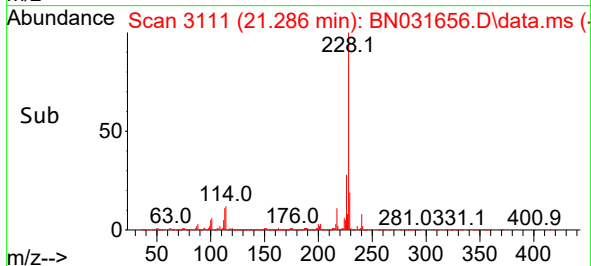
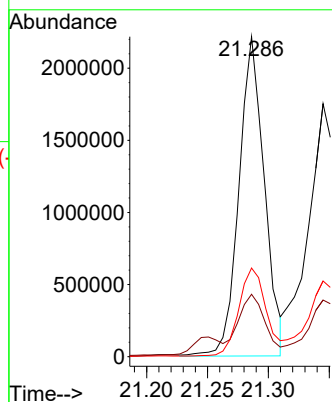
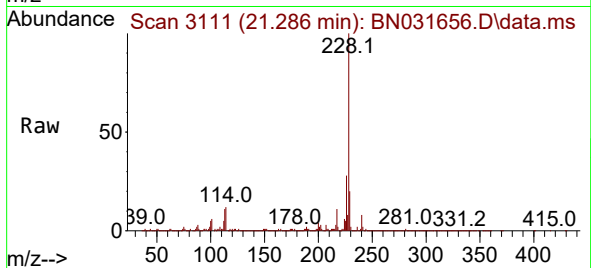
Tgt Ion:228 Resp: 3215408

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 27.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.867 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

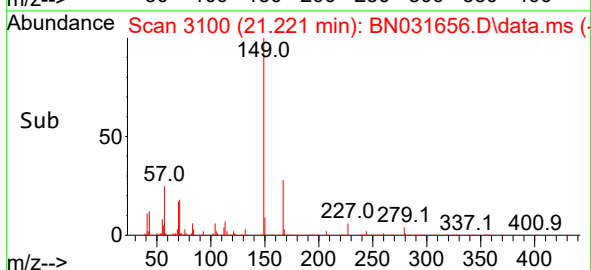
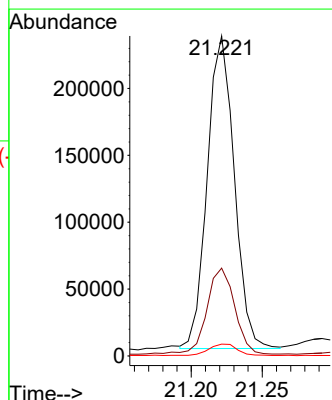
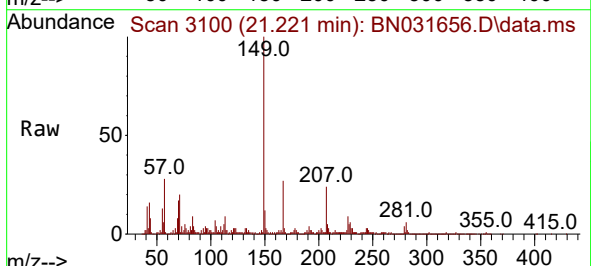
Tgt Ion:149 Resp: 309295

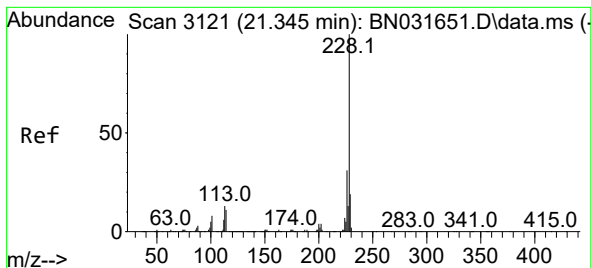
Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

279 3.7 2.8 4.2





#87

Chrysene

Concen: 33.745 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

Instrument :

BNA_N

ClientSampleId :

BH5Y4

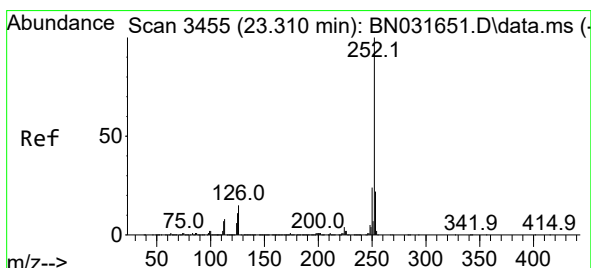
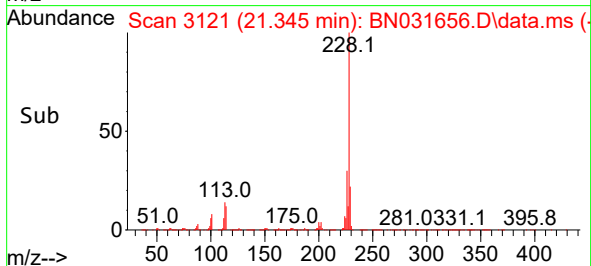
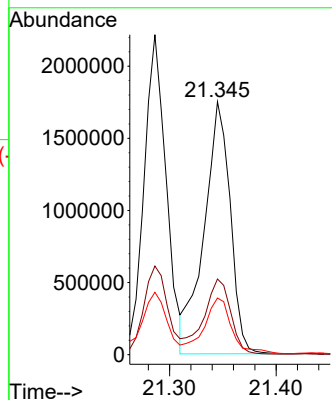
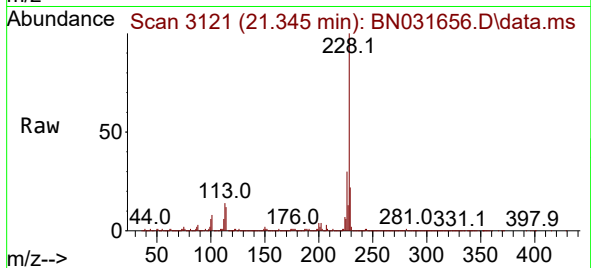
Tgt Ion:228 Resp: 2990876

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 22.4 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 41.868 ng/ul

RT: 23.315 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

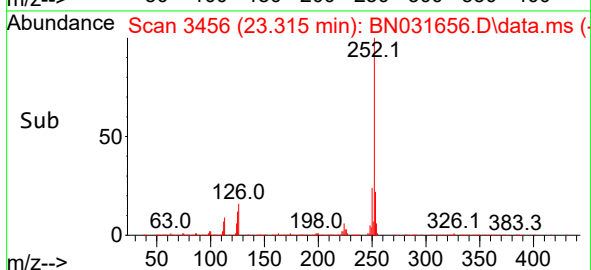
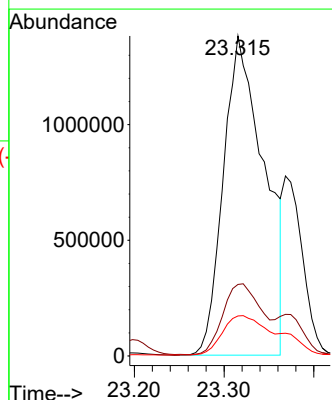
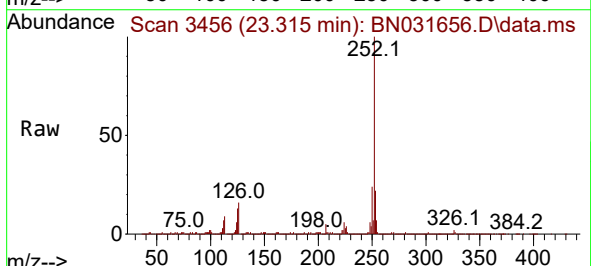
Tgt Ion:252 Resp: 4374247

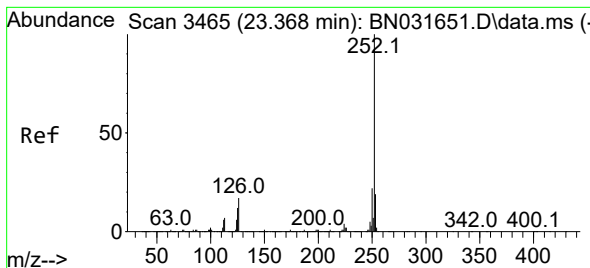
Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

125 12.5 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 41.072 ng/ul

RT: 23.315 min Scan# 34

Delta R.T. -0.053 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

Instrument :

BNA_N

ClientSampleId :

BH5Y4

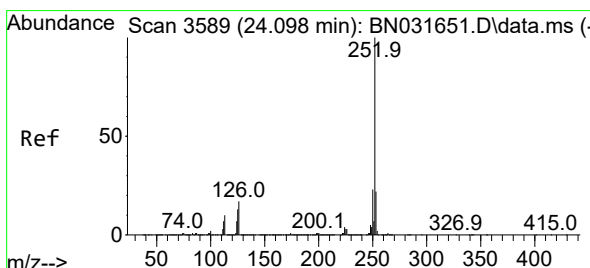
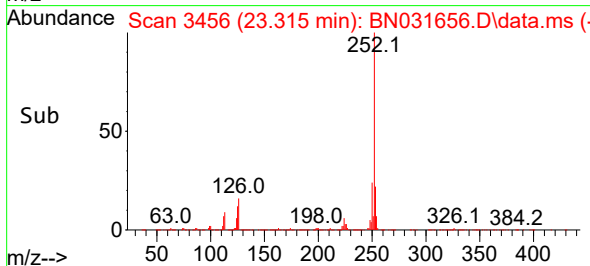
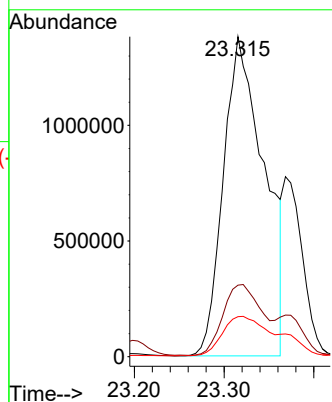
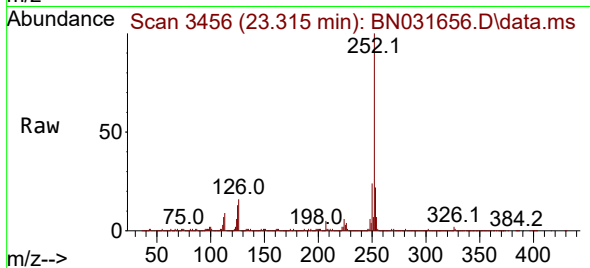
Tgt Ion:252 Resp: 4374247

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 12.5 9.3 13.9



#93

Benzo(a)pyrene

Concen: 31.104 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

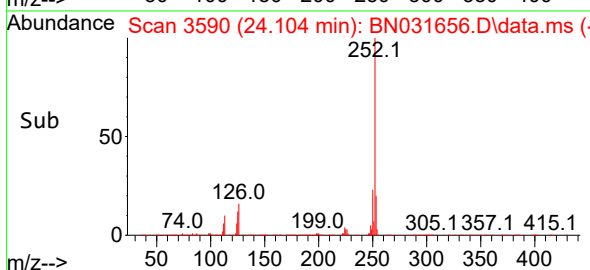
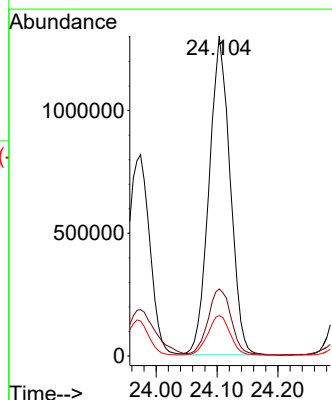
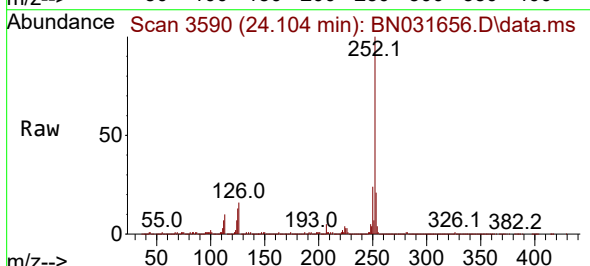
Tgt Ion:252 Resp: 3121625

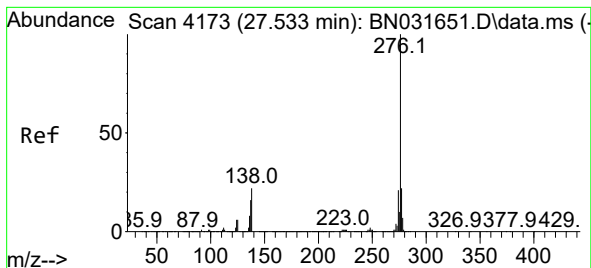
Ion Ratio Lower Upper

252 100

253 21.0 16.6 24.8

125 12.6 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.452 ng/ul

RT: 27.539 min Scan# 4173

Delta R.T. 0.006 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

Instrument :

BNA_N

ClientSampleId :

BH5Y4

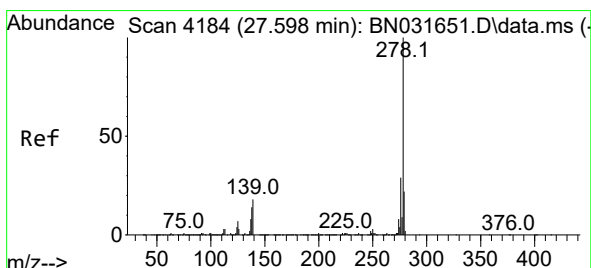
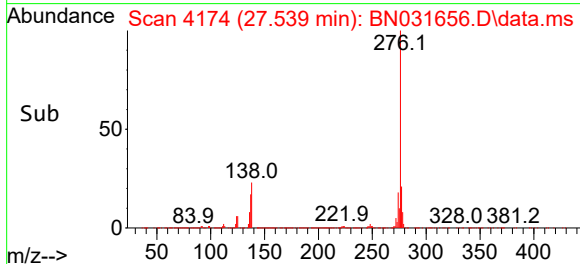
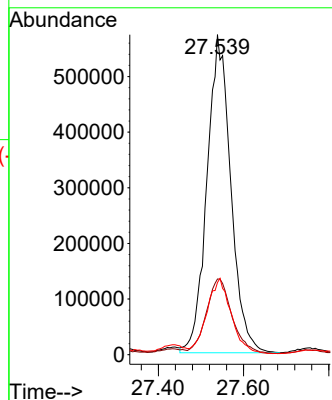
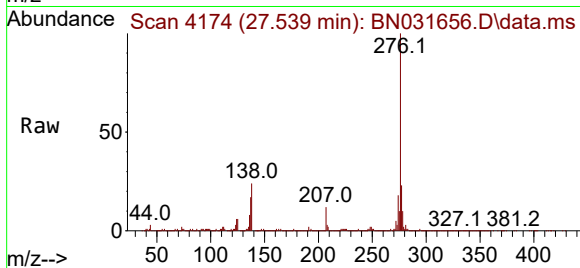
Tgt Ion:276 Resp: 2222501

Ion Ratio Lower Upper

276 100

138 23.6 19.8 29.6

277 22.6 18.2 27.4



#95

Dibenzo(a,h)anthracene

Concen: 3.249 ng/ul

RT: 27.580 min Scan# 4181

Delta R.T. -0.012 min

Lab File: BN031656.D

Acq: 24 May 2024 11:42

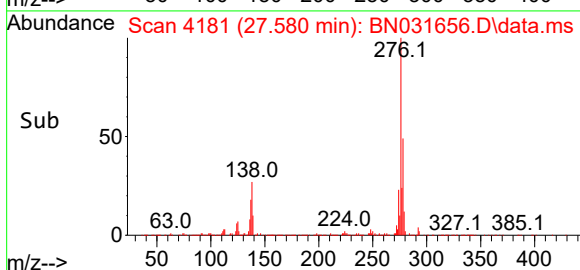
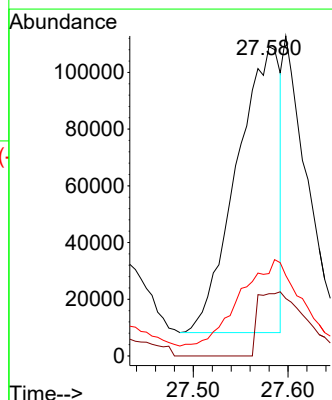
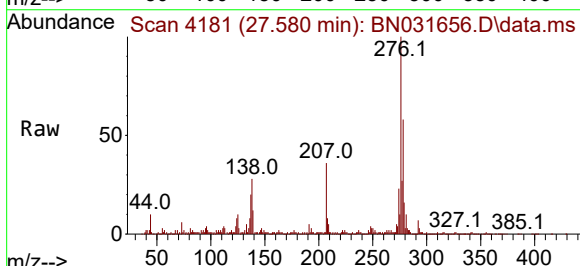
Tgt Ion:278 Resp: 322271

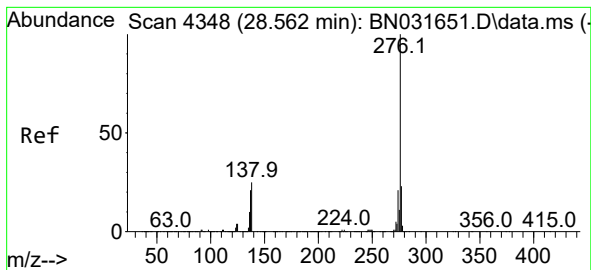
Ion Ratio Lower Upper

278 100

139 20.1 15.2 22.8

279 26.7 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 20.673 ng/ul

RT: 28.568 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN031656.D

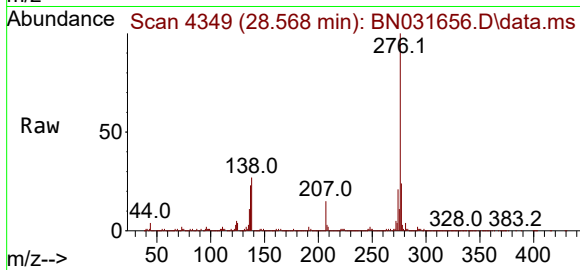
Acq: 24 May 2024 11:42

Instrument :

BNA_N

ClientSampleId :

BH5Y4



Tgt Ion:276 Resp: 2057267

Ion Ratio Lower Upper

276 100

138 26.6 19.5 29.3

277 23.8 17.6 26.4

