

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031655.D
 Acq On : 24 May 2024 11:02
 Operator : MA/JU
 Sample : P2548-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y2

Quant Time: May 24 22:41:45 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

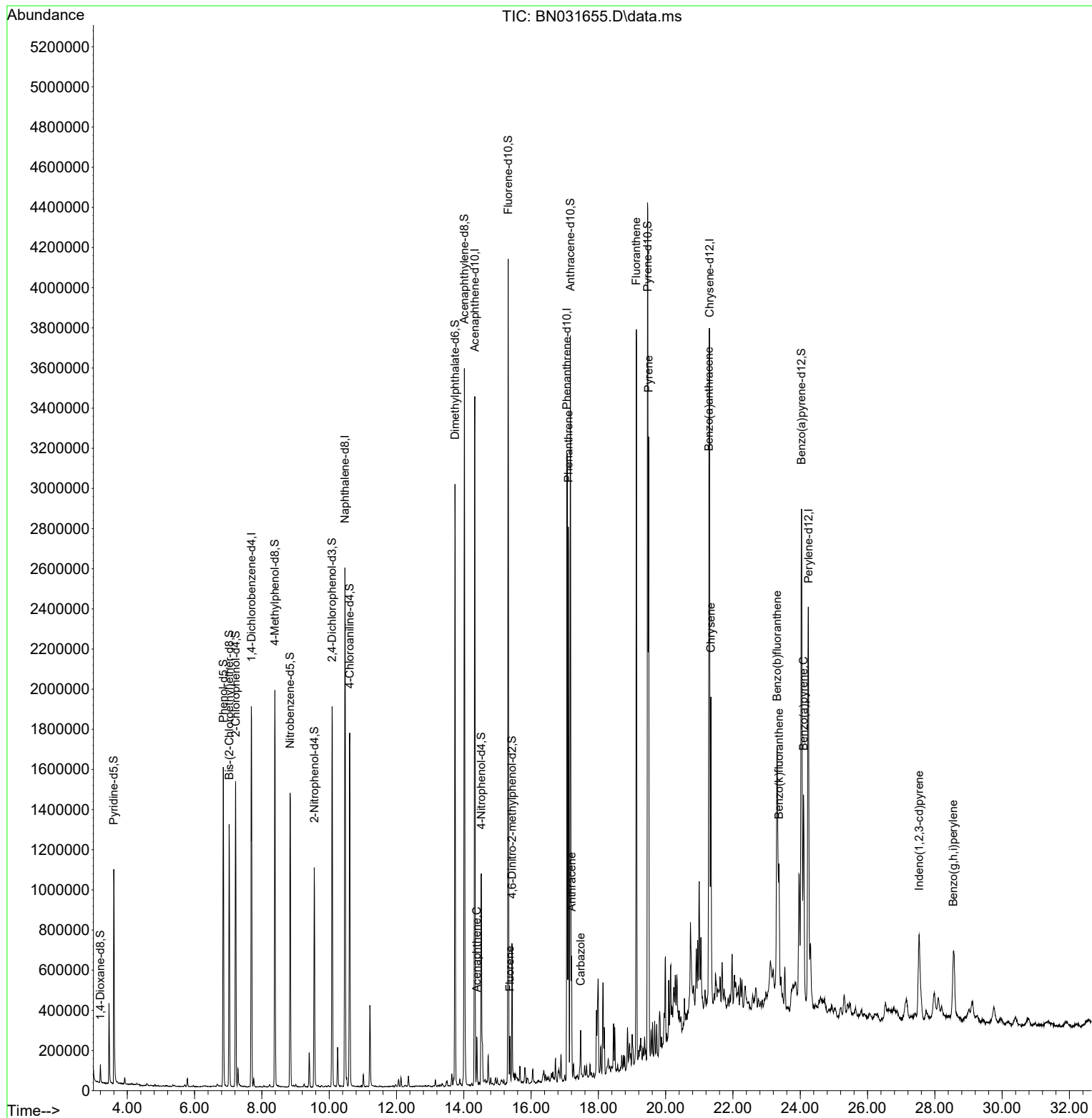
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	526664	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2182413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1163079	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1859220	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1417124	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1748536	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	45191	3.401	ng/uL	0.00
4) Pyridine-d5	3.599	84	595490	16.060	ng/u1	0.00
7) Phenol-d5	6.852	99	973760	22.461	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	559364	21.512	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	739659	22.141	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	757168	22.560	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	374107	22.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	362081	22.957	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	705839	22.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	991780	22.310	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1983630	27.063	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2366173	25.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	253128	18.252	ng/u1	0.00
60) Fluorene-d10	15.322	176	1622392	25.541	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	127618	15.876	ng/u1	0.00
73) Anthracene-d10	17.169	188	2057568	26.143	ng/u1	0.00
81) Pyrene-d10	19.469	212	2028942	22.826	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2200675	26.738	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.386	153	95601	1.391	ng/u1	92
61) Fluorene	15.375	166	102237	1.423	ng/u1	98
72) Phenanthrene	17.110	178	1629014	17.265	ng/u1	99
74) Anthracene	17.204	178	362034	3.824	ng/u1	98
77) Carbazole	17.475	167	141971	1.757	ng/u1	100
80) Fluoranthene	19.127	202	2150734	19.575	ng/u1	98
82) Pyrene	19.492	202	1824066	16.188	ng/u1	96
85) Benzo(a)anthracene	21.286	228	1007817	10.576	ng/u1	98
87) Chrysene	21.345	228	978078	11.111	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	1357296	13.302	ng/u1	99
91) Benzo(k)fluoranthene	23.368	252	388388	3.734	ng/u1	96
93) Benzo(a)pyrene	24.098	252	933137	9.520	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	620811	5.277	ng/u1	96
96) Benzo(g,h,i)perylene	28.550	276	577094	5.938	ng/u1	97

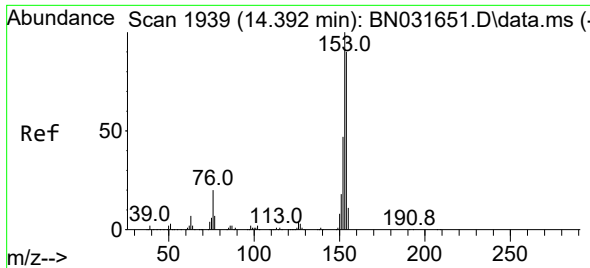
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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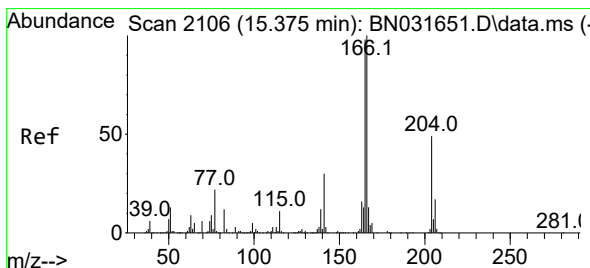
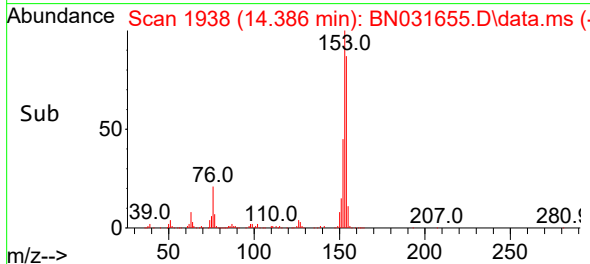
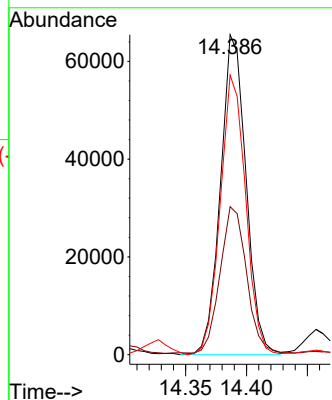
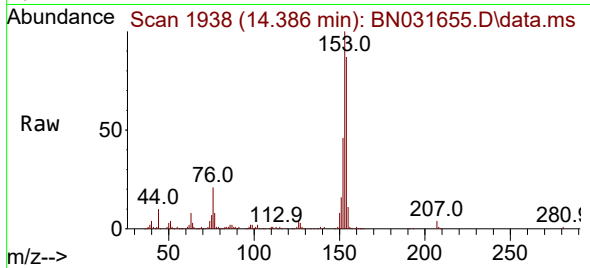




#52
Acenaphthene
Concen: 1.391 ng/ul
RT: 14.386 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BN031655.D
Acq: 24 May 2024 11:02

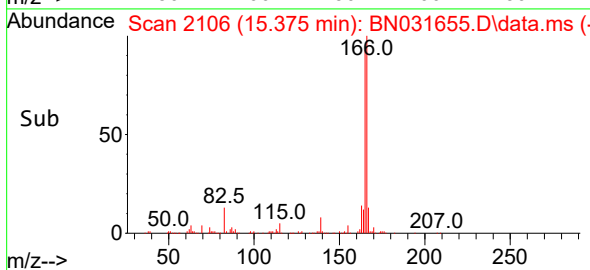
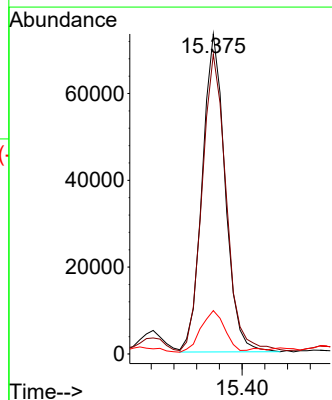
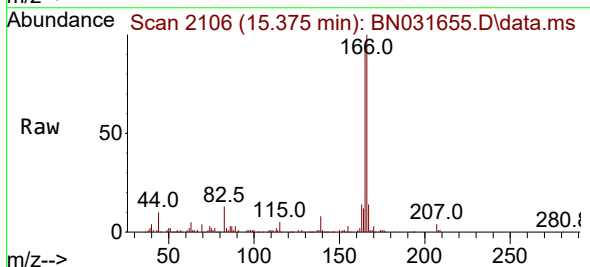
Instrument :
BNA_N
ClientSampleId :
BH5Y2

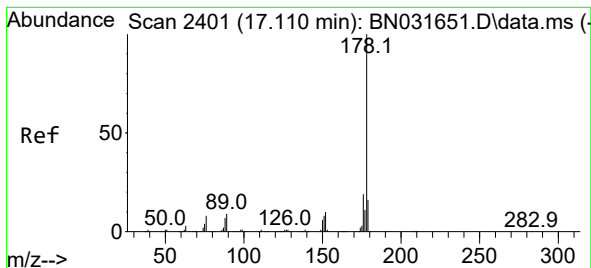
Tgt Ion:153 Resp: 95601
Ion Ratio Lower Upper
153 100
152 46.3 40.5 60.7
154 87.4 76.6 114.8



#61
Fluorene
Concen: 1.423 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031655.D
Acq: 24 May 2024 11:02

Tgt Ion:166 Resp: 102237
Ion Ratio Lower Upper
166 100
165 93.7 77.0 115.6
167 13.5 10.9 16.3





#72

Phenanthrene

Concen: 17.265 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

Instrument :

BNA_N

ClientSampleId :

BH5Y2

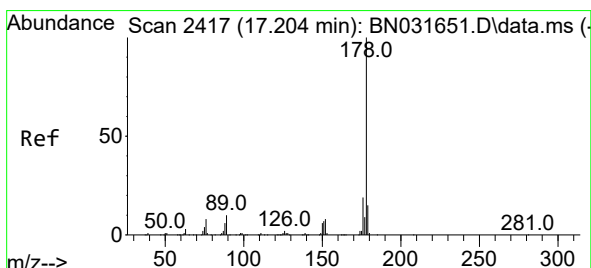
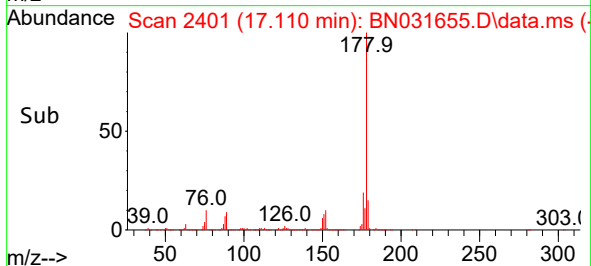
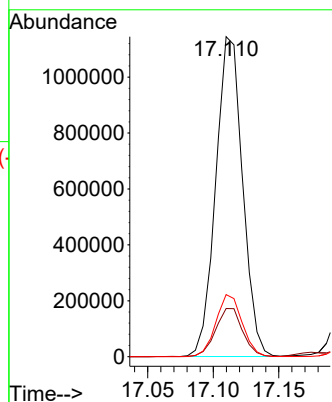
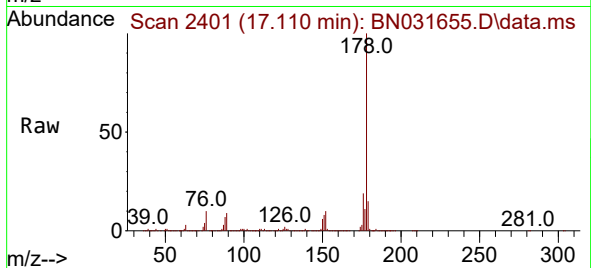
Tgt Ion:178 Resp: 1629014

Ion Ratio Lower Upper

178 100

179 15.0 12.6 18.8

176 19.4 15.2 22.8



#74

Anthracene

Concen: 3.824 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

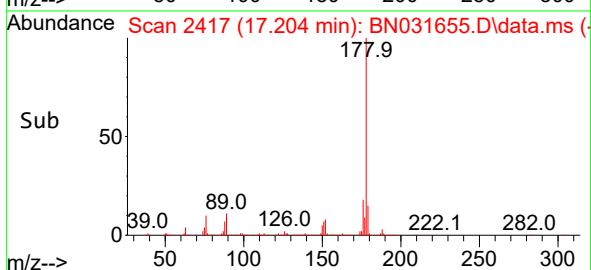
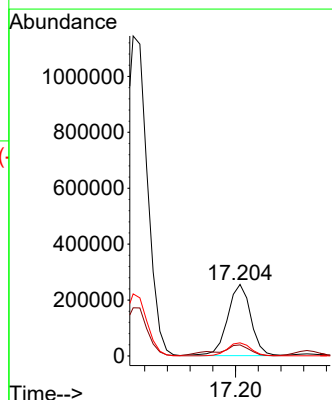
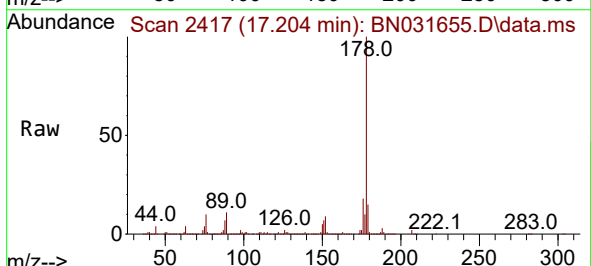
Tgt Ion:178 Resp: 362034

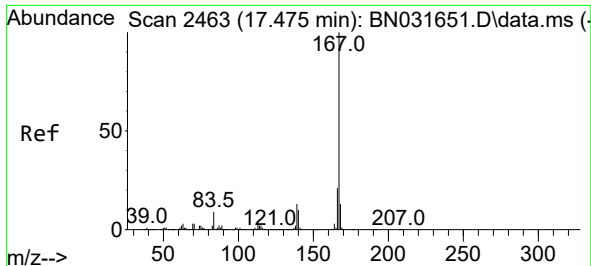
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 18.3 15.4 23.2



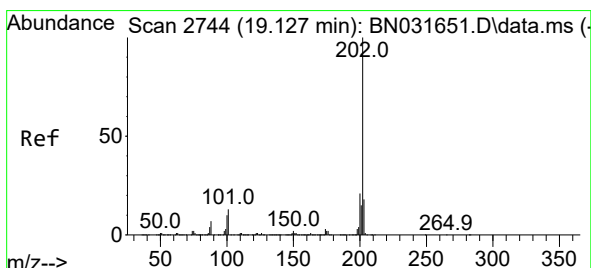
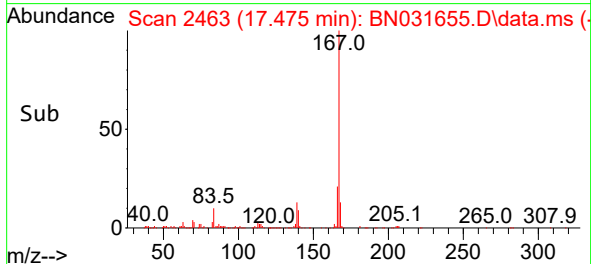
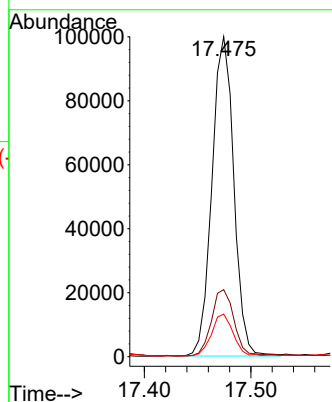
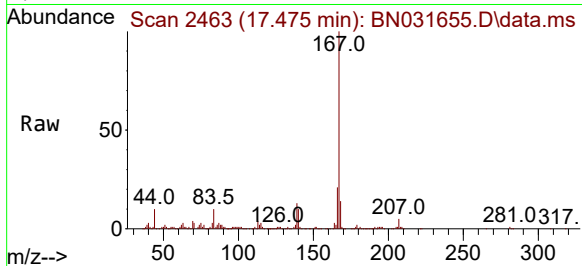


#77
 Carbazole
 Concen: 1.757 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031655.D
 Acq: 24 May 2024 11:02

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y2

Tgt Ion:167 Resp: 141971

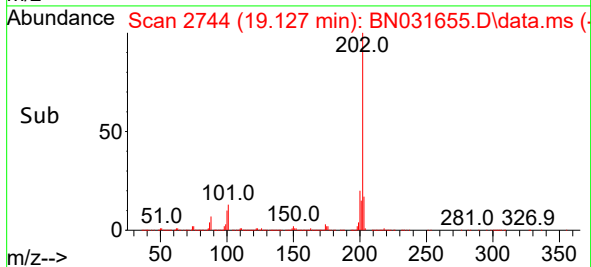
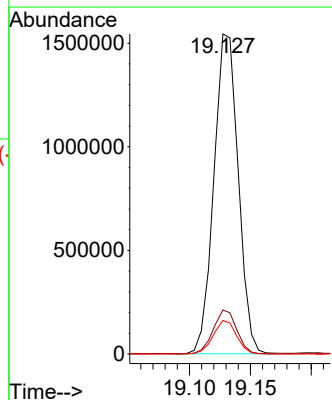
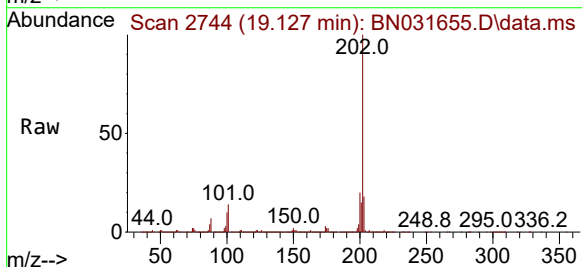
Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.7	25.1
139	13.3	10.5	15.7

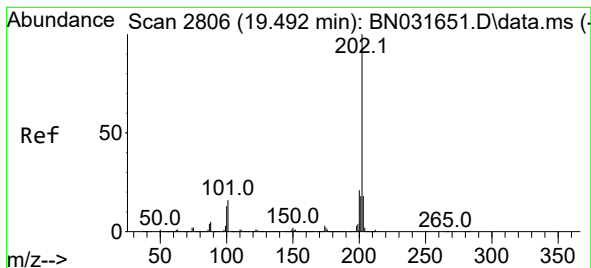


#80
 Fluoranthene
 Concen: 19.575 ng/ul
 RT: 19.127 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031655.D
 Acq: 24 May 2024 11:02

Tgt Ion:202 Resp: 2150734

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.1	15.1
100	10.5	8.0	12.0





#82

Pyrene

Concen: 16.188 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.006 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

Instrument :

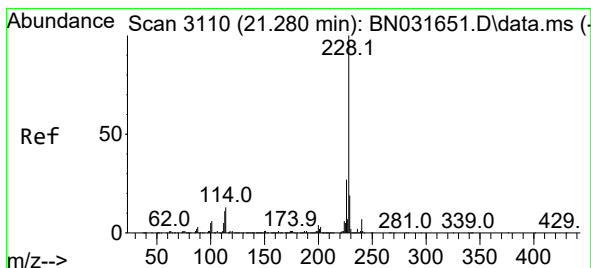
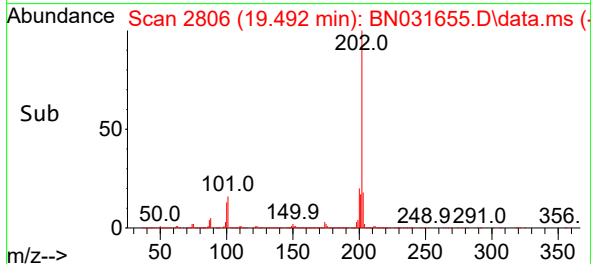
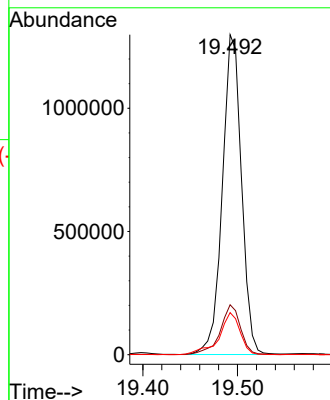
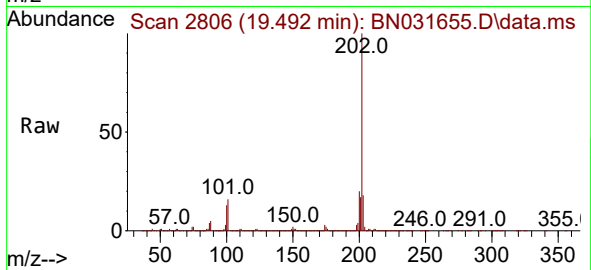
BNA_N

ClientSampleId :

BH5Y2

Tgt Ion:202 Resp: 1824066

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.4	17.2
100	13.2	9.3	13.9



#85

Benzo(a)anthracene

Concen: 10.576 ng/ul

RT: 21.286 min Scan# 3111

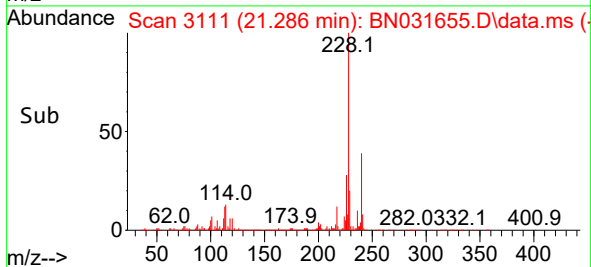
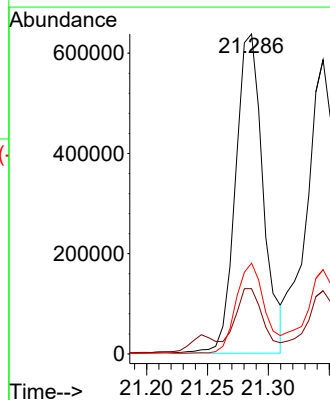
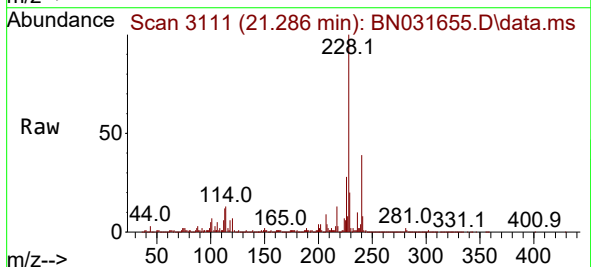
Delta R.T. -0.000 min

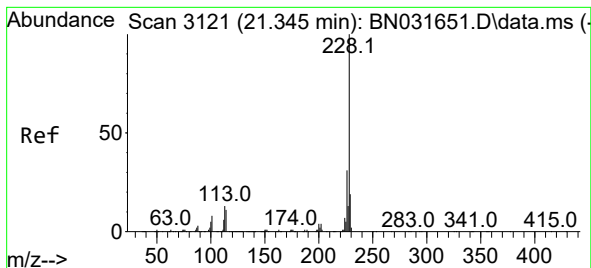
Lab File: BN031655.D

Acq: 24 May 2024 11:02

Tgt Ion:228 Resp: 1007817

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	28.4	21.9	32.9





#87

Chrysene

Concen: 11.111 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

Instrument :

BNA_N

ClientSampleId :

BH5Y2

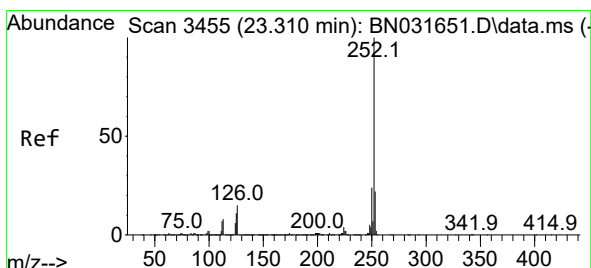
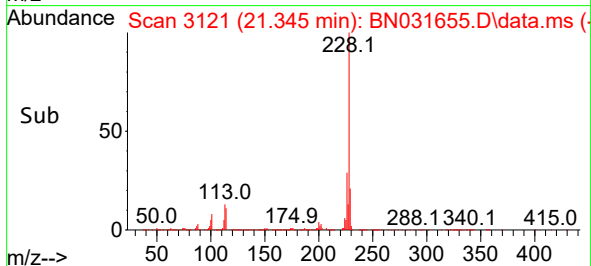
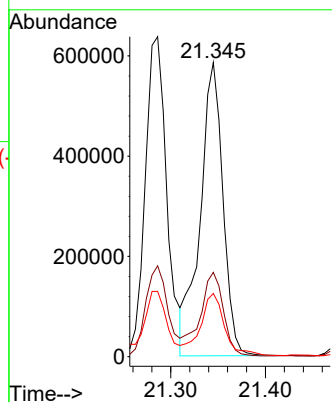
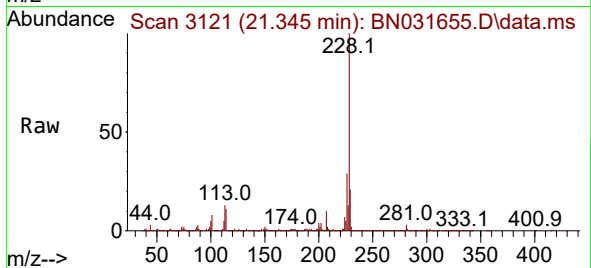
Tgt Ion:228 Resp: 978078

Ion Ratio Lower Upper

228 100

226 28.7 22.9 34.3

229 21.5 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 13.302 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

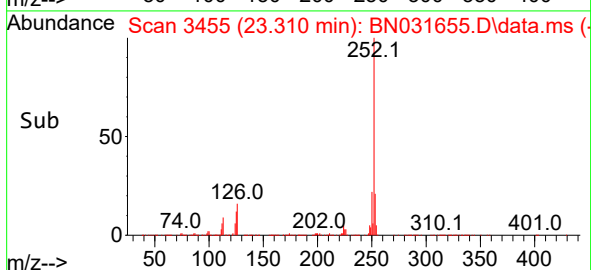
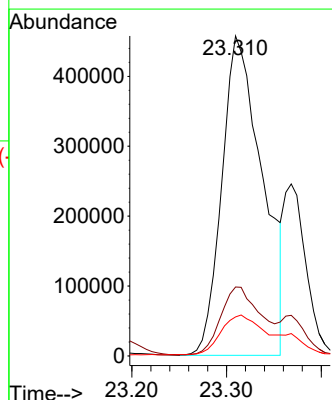
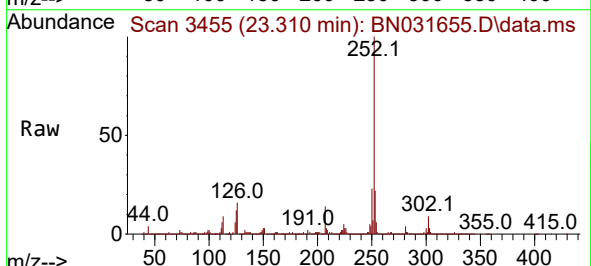
Tgt Ion:252 Resp: 1357296

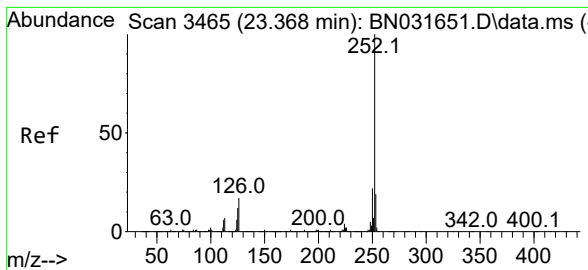
Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

125 12.2 9.3 13.9

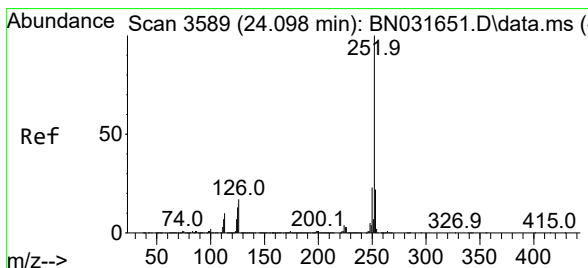
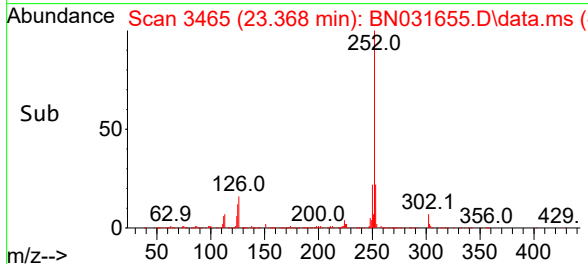
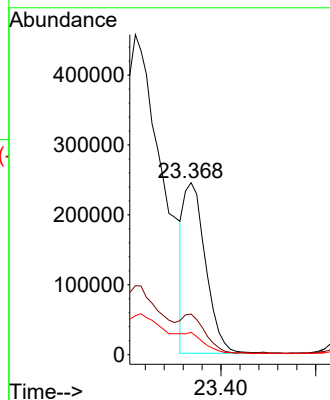
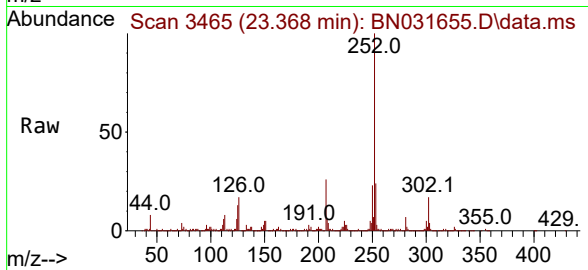




#91
Benzo(k)fluoranthene
Concen: 3.734 ng/ul
RT: 23.368 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031655.D
Acq: 24 May 2024 11:02

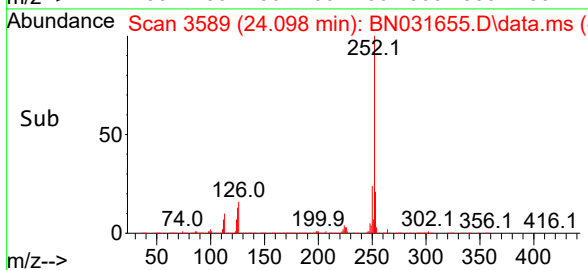
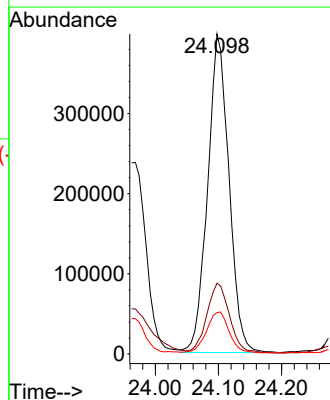
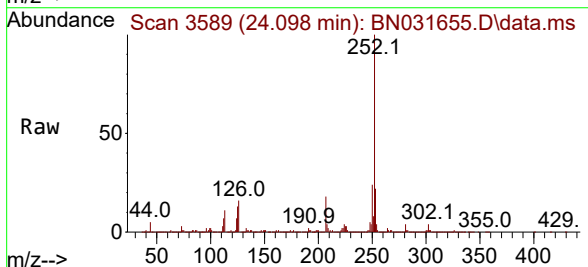
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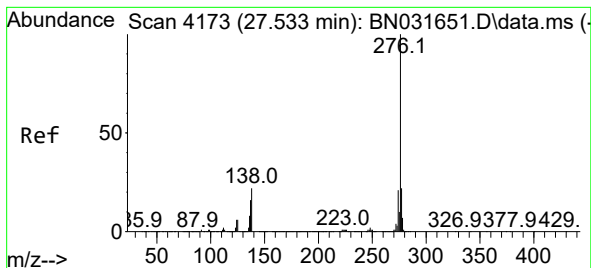
Tgt Ion:252 Resp: 388388
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 13.0 9.3 13.9



#93
Benzo(a)pyrene
Concen: 9.520 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031655.D
Acq: 24 May 2024 11:02

Tgt Ion:252 Resp: 933137
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 12.9 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.277 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. -0.000 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

Instrument :

BNA_N

ClientSampleId :

BH5Y2

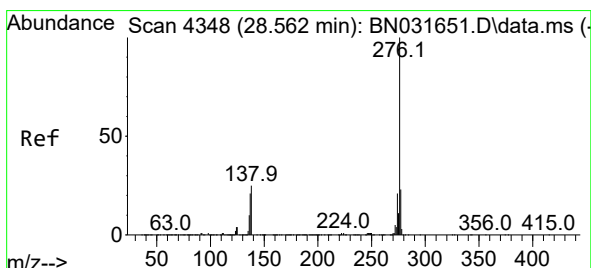
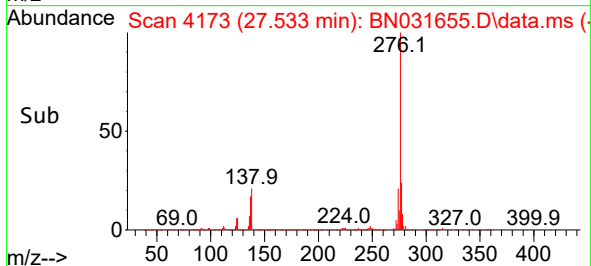
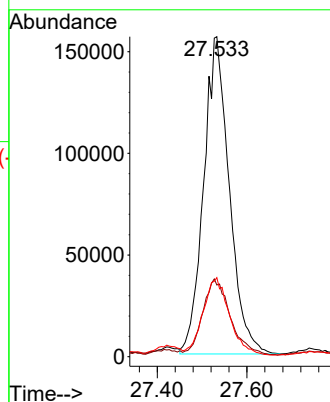
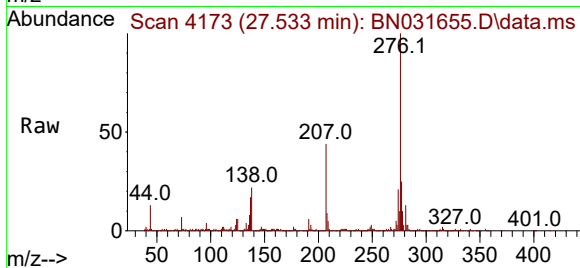
Tgt Ion:276 Resp: 620811

Ion Ratio Lower Upper

276 100

138 22.4 19.8 29.6

277 24.7 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 5.938 ng/ul

RT: 28.550 min Scan# 4346

Delta R.T. -0.006 min

Lab File: BN031655.D

Acq: 24 May 2024 11:02

Tgt Ion:276 Resp: 577094

Ion Ratio Lower Upper

276 100

138 25.6 19.5 29.3

277 23.6 17.6 26.4

