

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031696.D
 Acq On : 29 May 2024 18:40
 Operator : MA/JU
 Sample : P2569-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH647

Quant Time: May 29 23:21:35 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

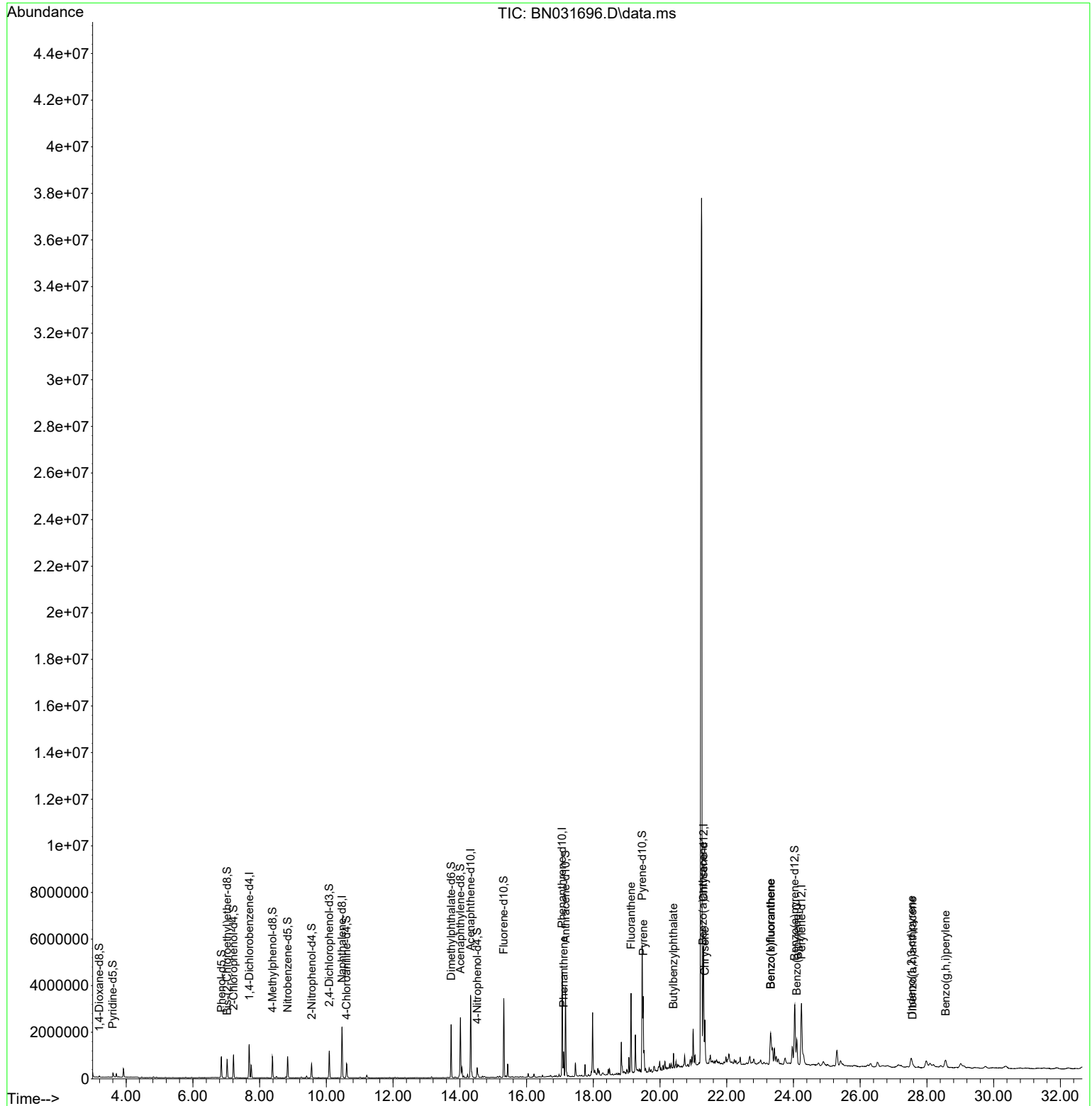
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	406228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1874655	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1247650	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2631339	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2265734	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2411115	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	29371	2.991	ng/uL	0.00
4) Pyridine-d5	3.599	84	109701	3.969	ng/u1	0.00
7) Phenol-d5	6.852	99	540264	15.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	343533	16.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	443380	16.686	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	355296	12.516	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	226014	15.768	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	203850	13.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	420274	15.204	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	354173	8.630	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1494476	17.194	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1714245	17.152	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	98719	5.672	ng/u1	0.00
60) Fluorene-d10	15.316	176	1355936	18.437	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	3260	0.246	ng/u1	-0.06
73) Anthracene-d10	17.169	188	2093051	18.579	ng/u1	0.00
81) Pyrene-d10	19.463	212	2695799	22.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2331422	20.250	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	620375	4.628	ng/u1	98
80) Fluoranthene	19.133	202	2036060	14.052	ng/u1	98
82) Pyrene	19.498	202	1939191	13.044	ng/u1	96
83) Butylbenzylphthalate	20.404	149	177798	2.532	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1115391	7.355	ng/u1	99
87) Chrysene	21.345	228	1124403	7.938	ng/u1	95
90) Benzo(b)fluoranthene	23.316	252	1499674	10.406	ng/u1	98
91) Benzo(k)fluoranthene	23.316	252	1499674	10.605	ng/u1	99
93) Benzo(a)pyrene	24.098	252	983050	7.283	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	595424	3.828	ng/u1	99
95) Dibenzo(a,h)anthracene	27.568	278	152933	1.204	ng/u1	93
96) Benzo(g,h,i)perylene	28.562	276	549604	4.445	ng/u1	98

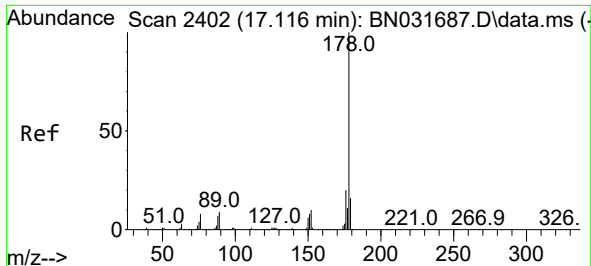
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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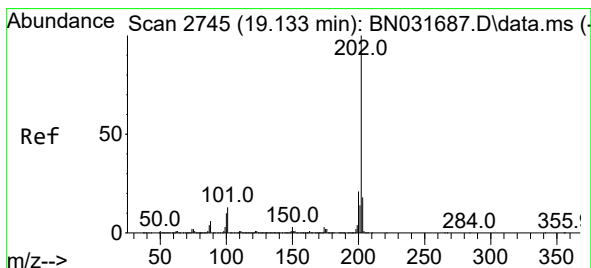
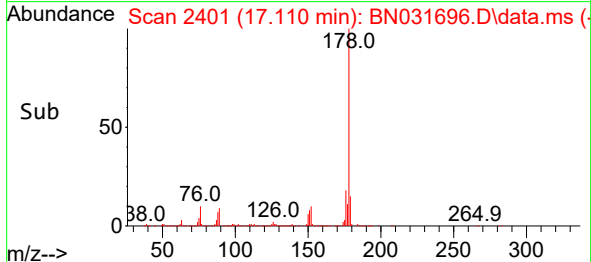
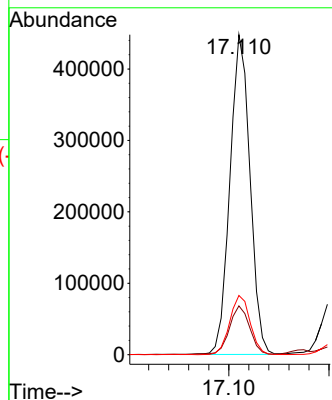
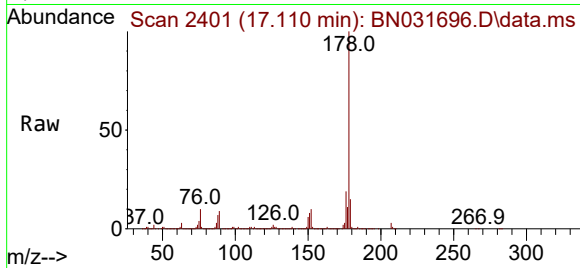




#72
Phenanthrene
Concen: 4.628 ng/ul
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031696.D
Acq: 29 May 2024 18:40

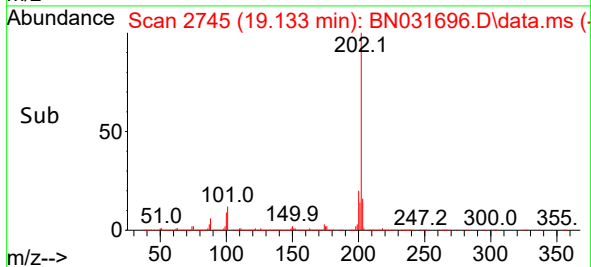
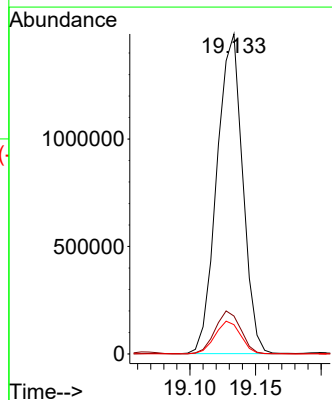
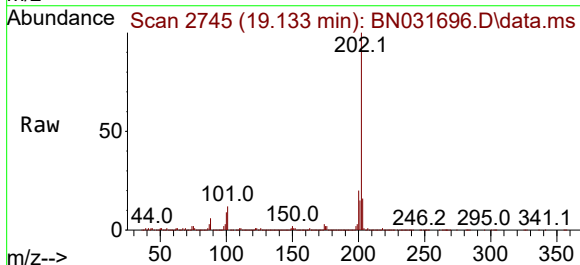
Instrument :
BNA_N
ClientSampleId :
BH647

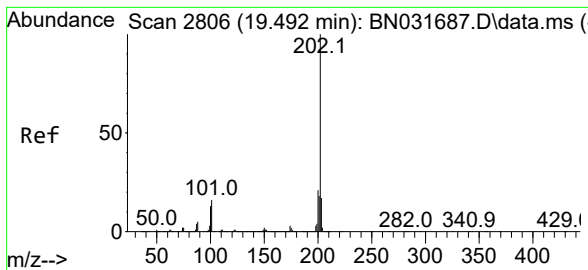
Tgt Ion:178 Resp: 620375
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.5 15.8 23.6



#80
Fluoranthene
Concen: 14.052 ng/ul
RT: 19.133 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN031696.D
Acq: 29 May 2024 18:40

Tgt Ion:202 Resp: 2036060
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 9.2 8.0 12.0





#82

Pyrene

Concen: 13.044 ng/ul

RT: 19.498 min Scan# 2806

Delta R.T. 0.006 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

Instrument :

BNA_N

ClientSampleId :

BH647

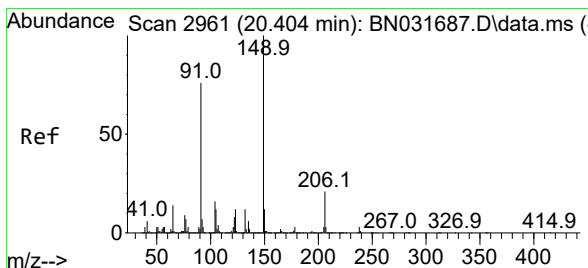
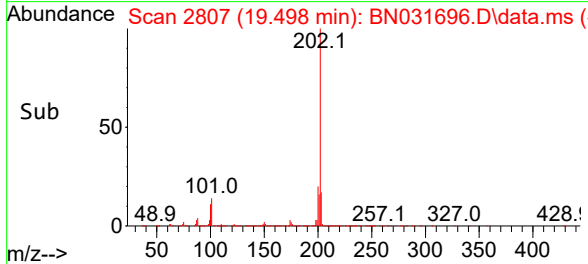
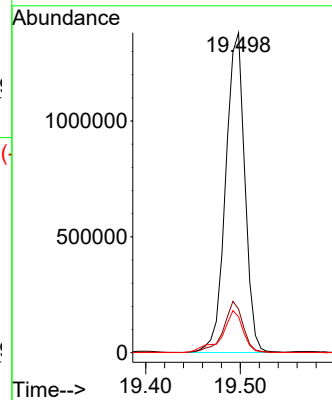
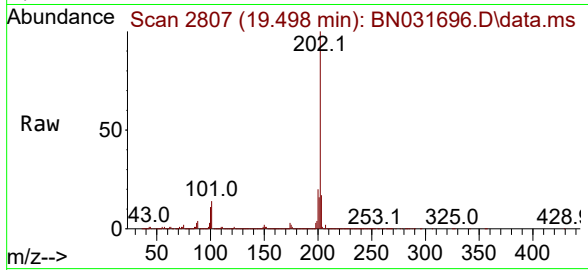
Tgt Ion:202 Resp: 1939191

Ion Ratio Lower Upper

202 100

101 13.6 12.6 18.8

100 11.2 10.2 15.2



#83

Butylbenzylphthalate

Concen: 2.532 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

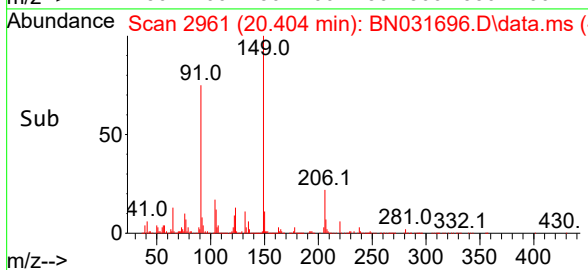
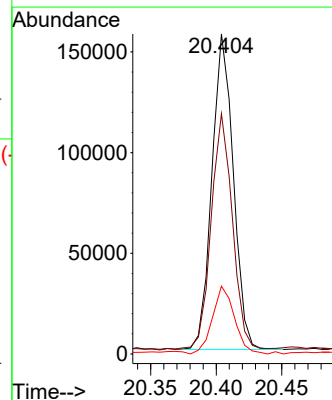
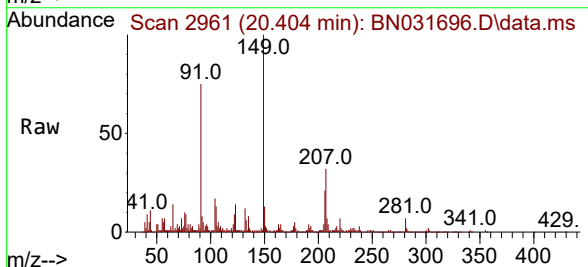
Tgt Ion:149 Resp: 177798

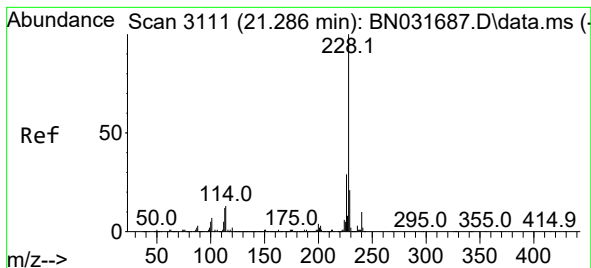
Ion Ratio Lower Upper

149 100

91 75.1 61.0 91.4

206 21.2 16.5 24.7





#85

Benzo(a)anthracene

Concen: 7.355 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

Instrument :

BNA_N

ClientSampleId :

BH647

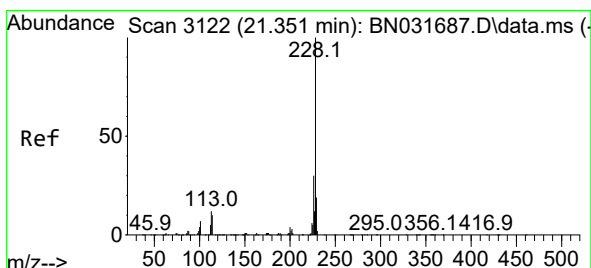
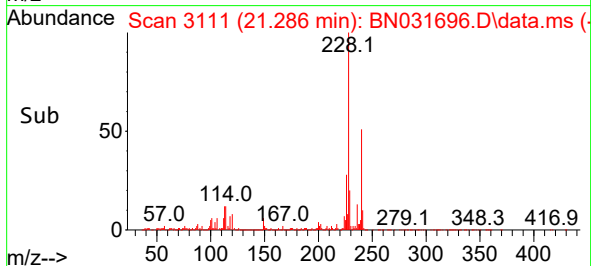
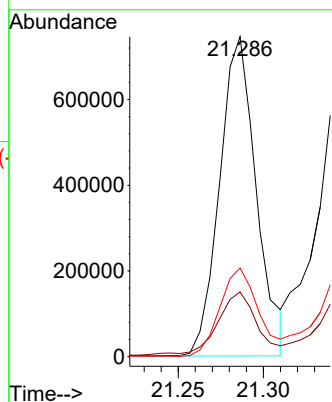
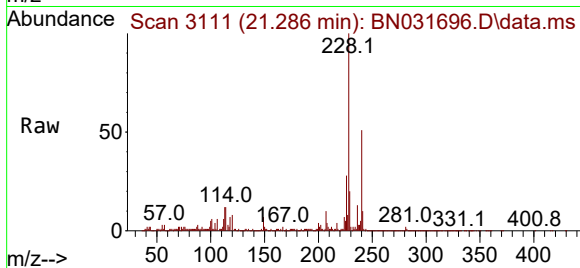
Tgt Ion:228 Resp: 1115391

Ion Ratio Lower Upper

228 100

229 20.2 16.7 25.1

226 27.7 22.8 34.2



#87

Chrysene

Concen: 7.938 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

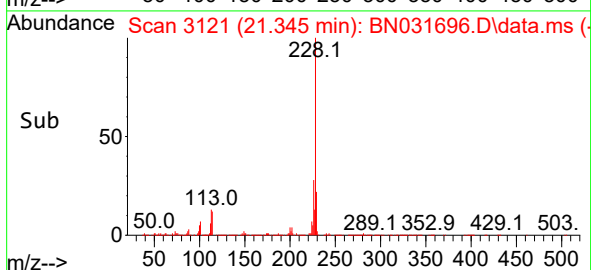
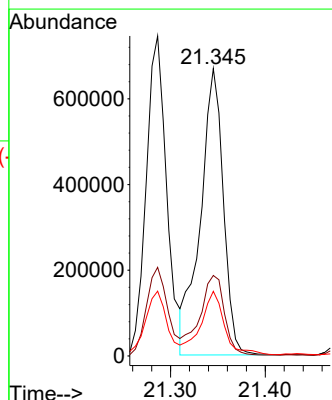
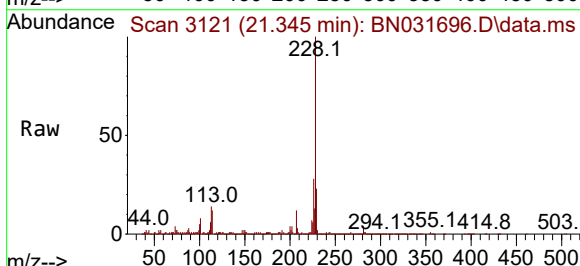
Tgt Ion:228 Resp: 1124403

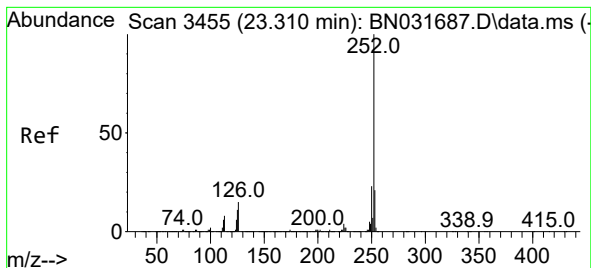
Ion Ratio Lower Upper

228 100

226 28.0 23.7 35.5

229 22.5 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 10.406 ng/ul

RT: 23.316 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

Instrument :

BNA_N

ClientSampleId :

BH647

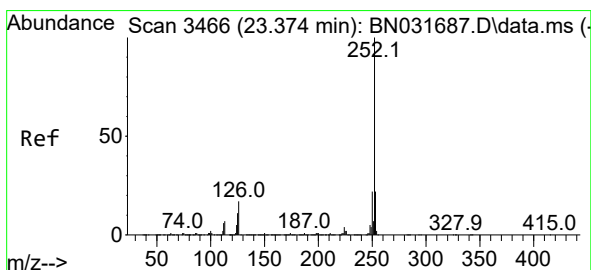
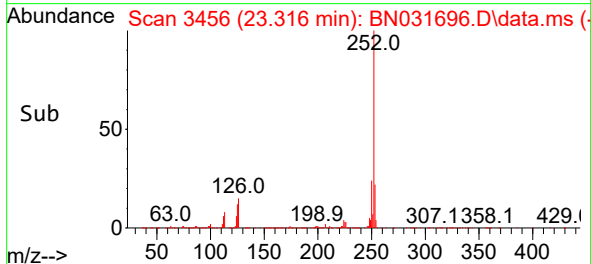
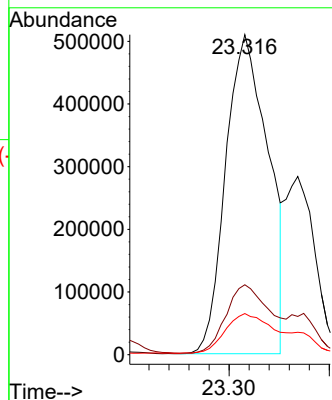
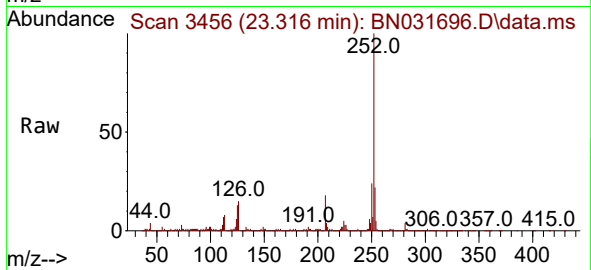
Tgt Ion:252 Resp: 1499674

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 12.9 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 10.605 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. -0.059 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

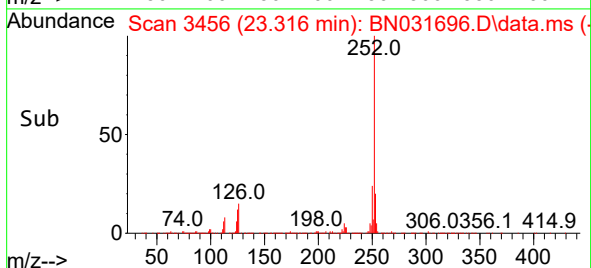
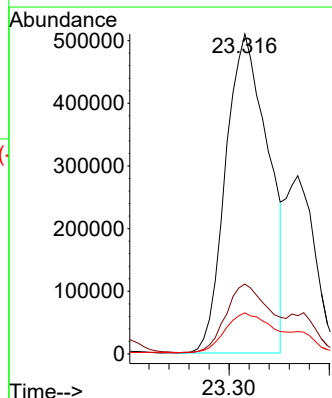
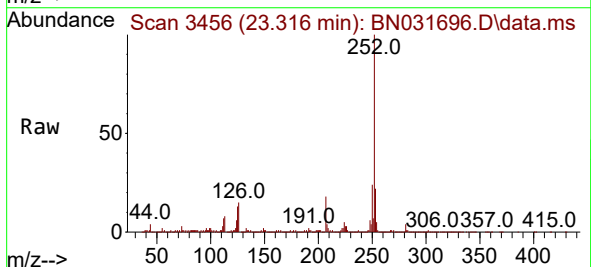
Tgt Ion:252 Resp: 1499674

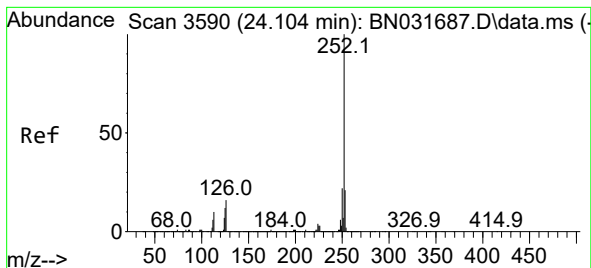
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 7.283 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031696.D

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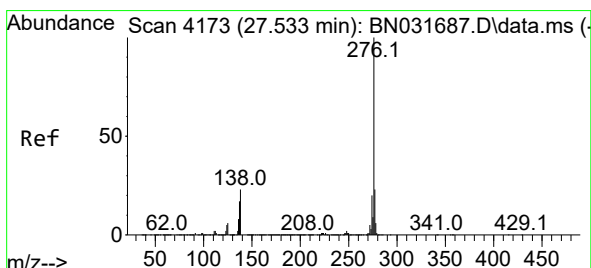
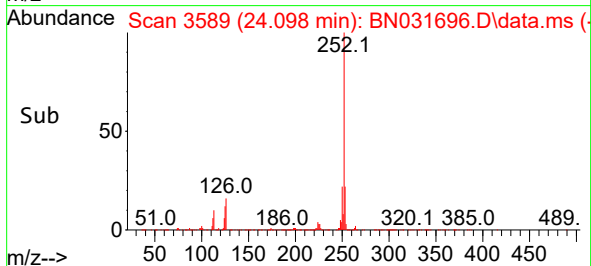
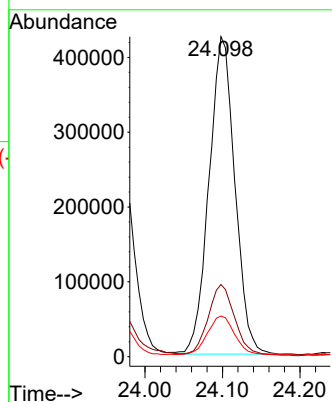
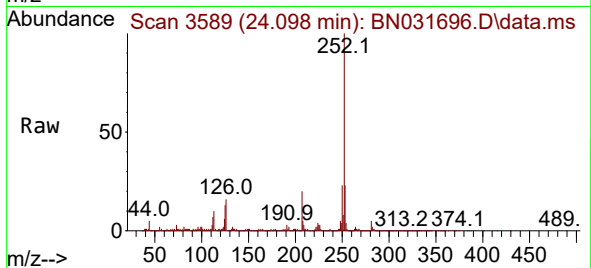
Tgt Ion:252 Resp: 983050

Ion Ratio Lower Upper

252 100

253 22.5 16.6 24.8

125 12.7 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.828 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

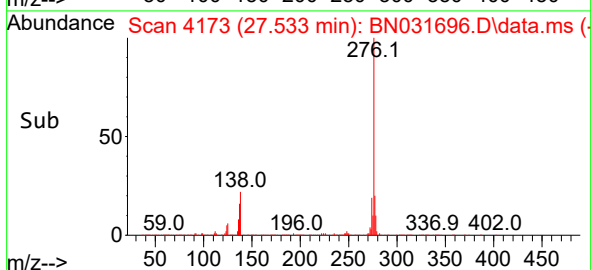
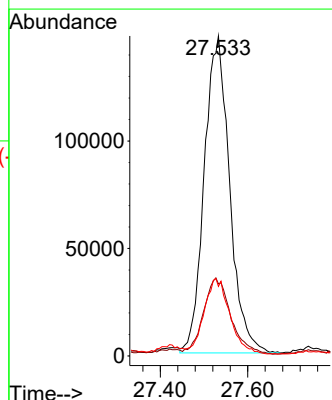
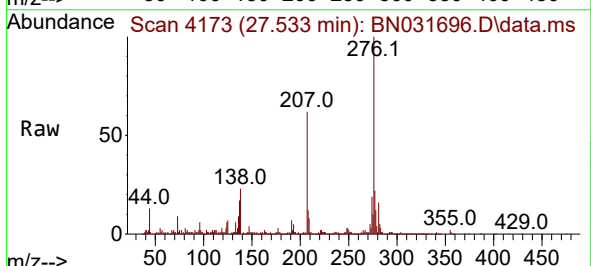
Tgt Ion:276 Resp: 595424

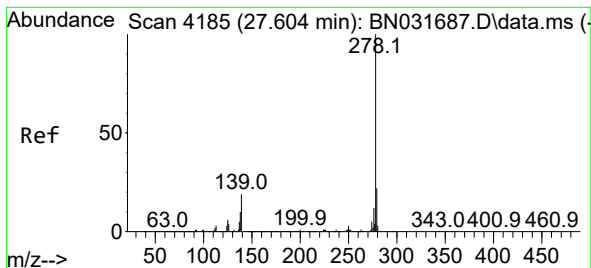
Ion Ratio Lower Upper

276 100

138 22.5 18.1 27.1

277 21.7 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.204 ng/ul

RT: 27.568 min Scan# 4185

Delta R.T. -0.035 min

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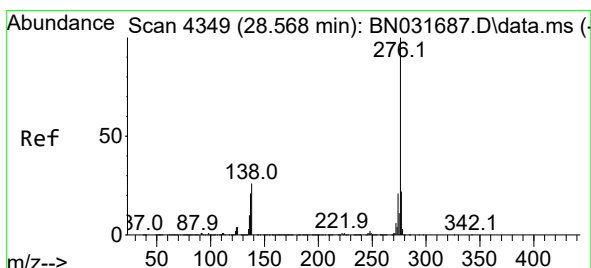
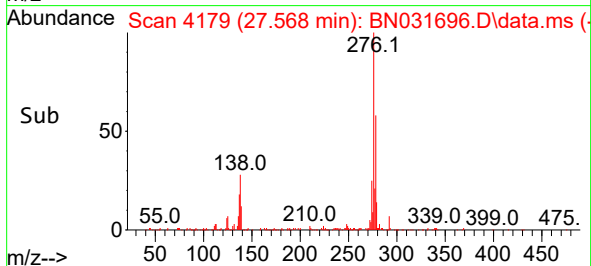
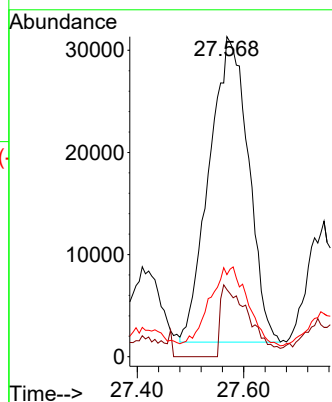
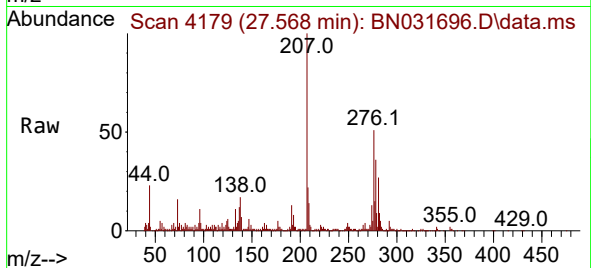
Tgt Ion:278 Resp: 152933

Ion Ratio Lower Upper

278 100

139 20.9 15.0 22.6

279 25.7 17.4 26.0



#96

Benzo(g,h,i)perylene

Concen: 4.445 ng/ul

RT: 28.562 min Scan# 4348

Delta R.T. -0.006 min

Lab File: BN031696.D

Acq: 29 May 2024 18:40

Tgt Ion:276 Resp: 549604

Ion Ratio Lower Upper

276 100

138 25.1 20.9 31.3

277 23.7 18.0 27.0

