

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031698.D
 Acq On : 29 May 2024 19:58
 Operator : MA/JU
 Sample : P2569-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH650

Quant Time: May 29 23:22:02 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)

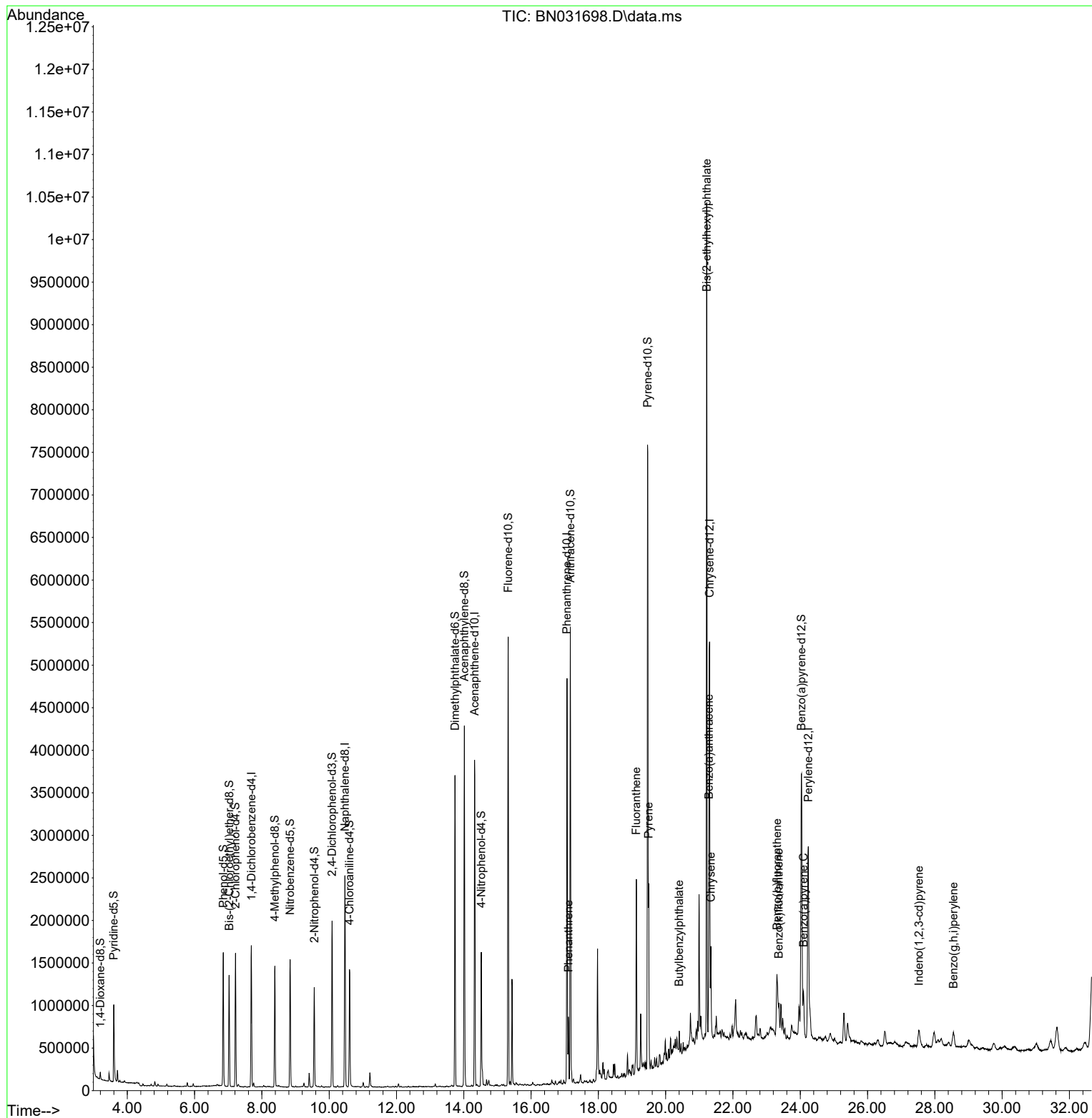
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	455148	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2097465	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1359992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2766961	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2249315	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2049033	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	46917	4.264	ng/uL	0.00
4) Pyridine-d5	3.599	84	539859	17.432	ng/ul	0.00
7) Phenol-d5	6.852	99	942493	24.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	571179	25.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	750715	25.215	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	557890	17.540	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	387344	24.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	402096	24.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	719659	23.269	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	808472	17.606	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2415085	25.490	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2754803	25.287	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	376192	19.831	ng/ul	0.00
60) Fluorene-d10	15.322	176	2060366	25.701	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	2169	0.156	ng/ul	-0.05
73) Anthracene-d10	17.169	188	2960890	24.995	ng/ul	0.00
81) Pyrene-d10	19.469	212	3801168	31.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2838940	29.016	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	468584	3.324	ng/ul	99
80) Fluoranthene	19.127	202	1301918	9.051	ng/ul	100
82) Pyrene	19.492	202	1224840	8.299	ng/ul	99
83) Butylbenzylphthalate	20.404	149	70729	1.015	ng/ul	96
85) Benzo(a)anthracene	21.286	228	678313	4.505	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	4106118	40.409	ng/ul	99
87) Chrysene	21.345	228	651449	4.632	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	754781	6.163	ng/ul#	95
91) Benzo(k)fluoranthene	23.363	252	253345	2.108	ng/ul#	96
93) Benzo(a)pyrene	24.098	252	479192	4.177	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.527	276	306557	2.319	ng/ul	95
96) Benzo(g,h,i)perylene	28.556	276	211759	2.015	ng/ul	98

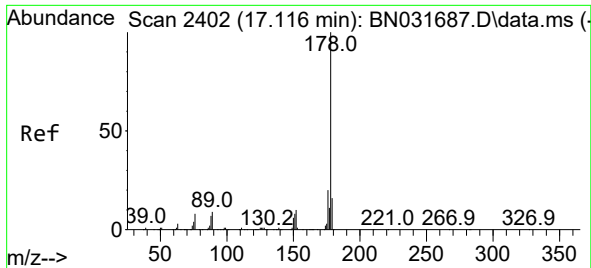
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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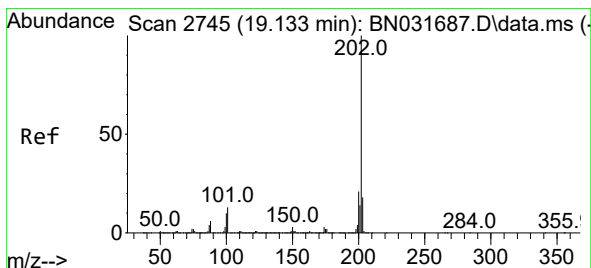
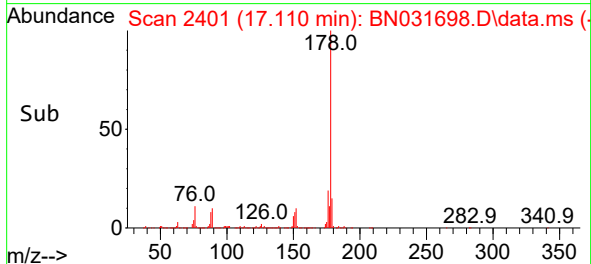
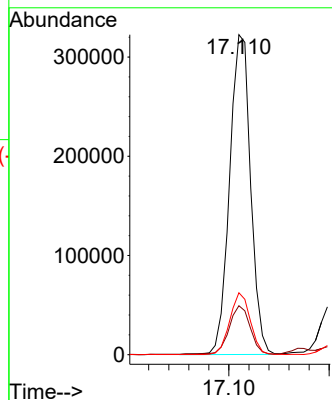
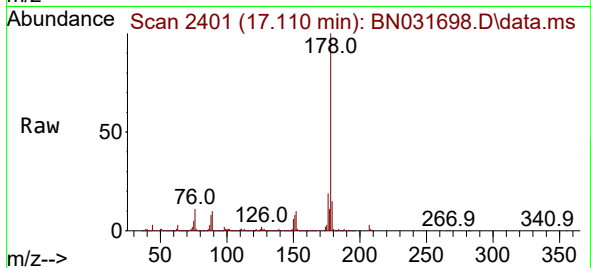




#72
Phenanthrene
Concen: 3.324 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031698.D
Acq: 29 May 2024 19:58

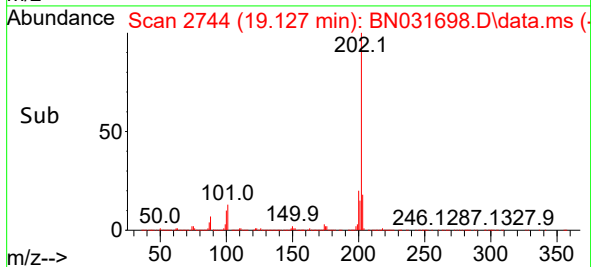
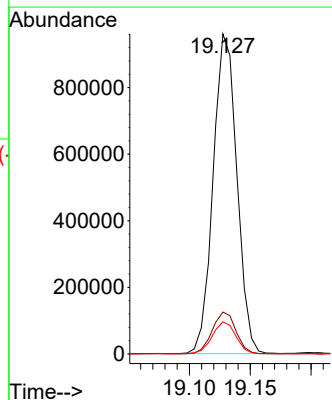
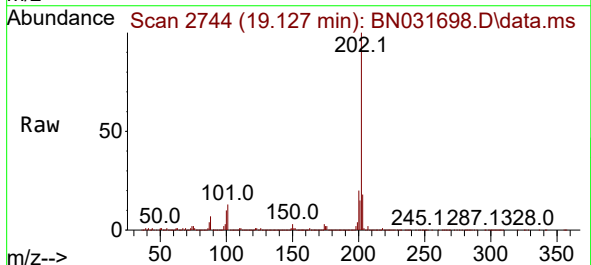
Instrument :
BNA_N
ClientSampleId :
BH650

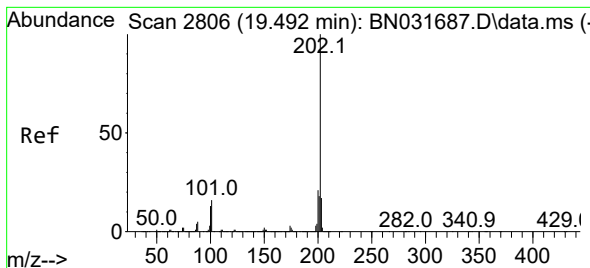
Tgt Ion:178 Resp: 468584
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.4 15.8 23.6



#80
Fluoranthene
Concen: 9.051 ng/ul
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031698.D
Acq: 29 May 2024 19:58

Tgt Ion:202 Resp: 1301918
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.0 8.0 12.0





#82

Pyrene

Concen: 8.299 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

Instrument :

BNA_N

ClientSampleId :

BH650

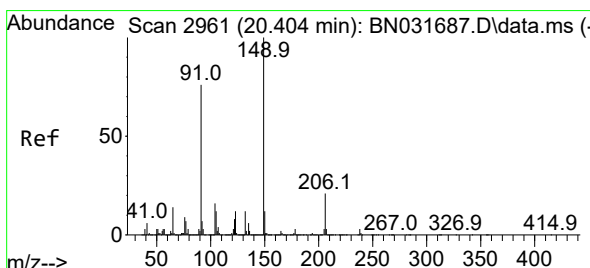
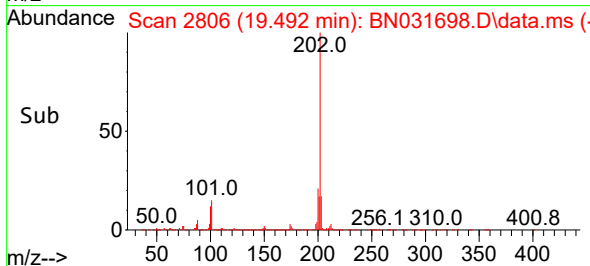
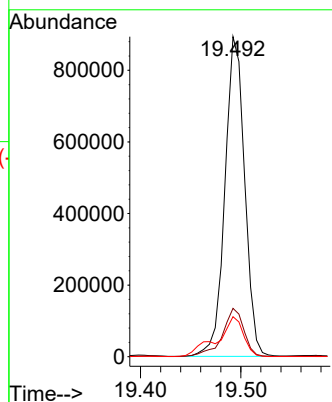
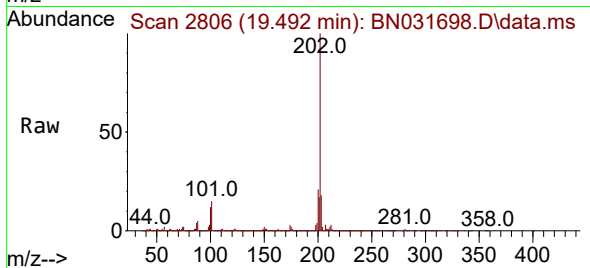
Tgt Ion:202 Resp: 1224840

Ion Ratio Lower Upper

202 100

101 15.1 12.6 18.8

100 12.5 10.2 15.2



#83

Butylbenzylphthalate

Concen: 1.015 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

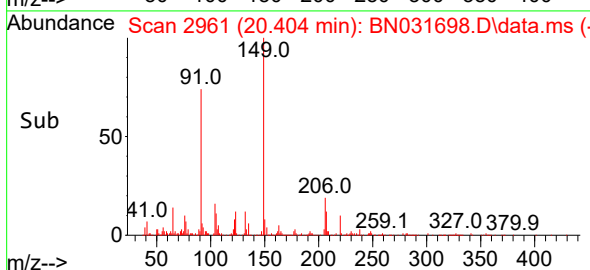
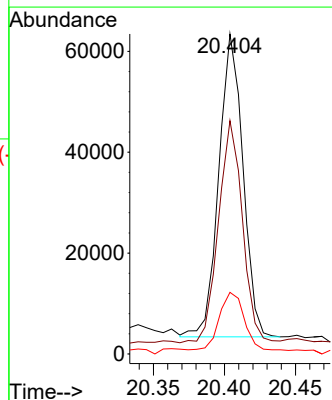
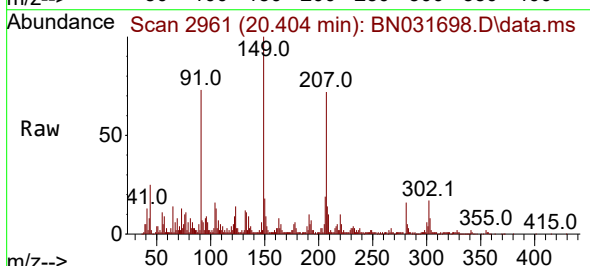
Tgt Ion:149 Resp: 70729

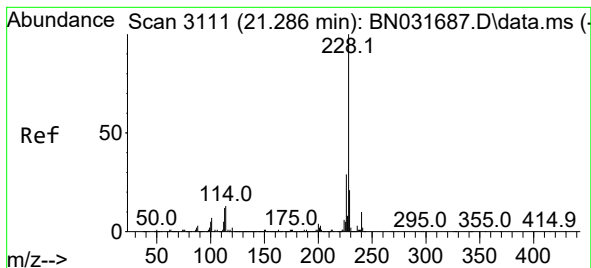
Ion Ratio Lower Upper

149 100

91 72.9 61.0 91.4

206 19.3 16.5 24.7





#85

Benzo(a)anthracene

Concen: 4.505 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

Instrument :

BNA_N

ClientSampleId :

BH650

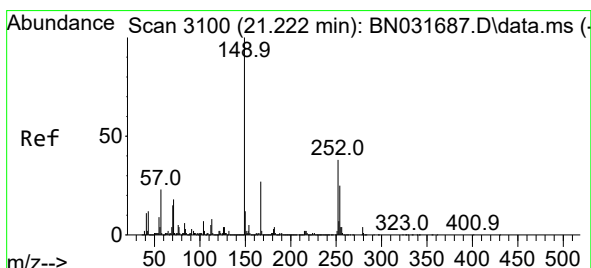
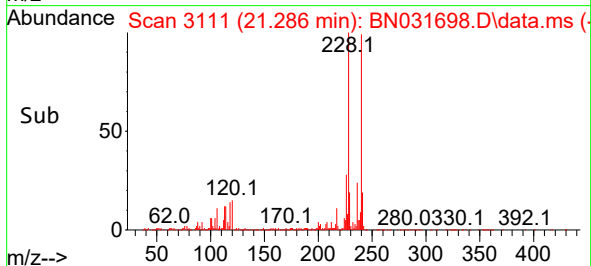
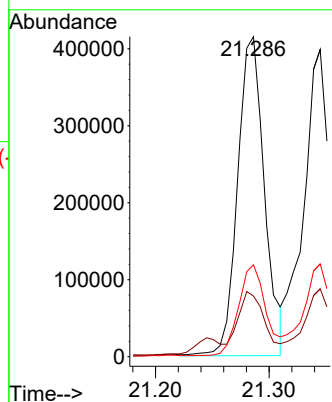
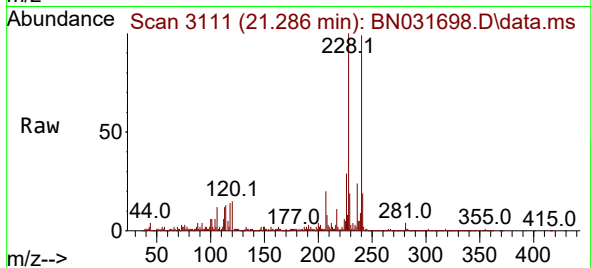
Tgt Ion:228 Resp: 678313

Ion Ratio Lower Upper

228 100

229 19.0 16.7 25.1

226 28.7 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.409 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

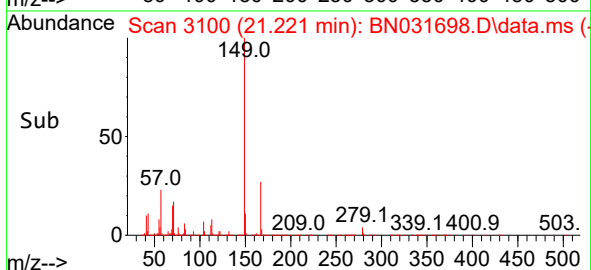
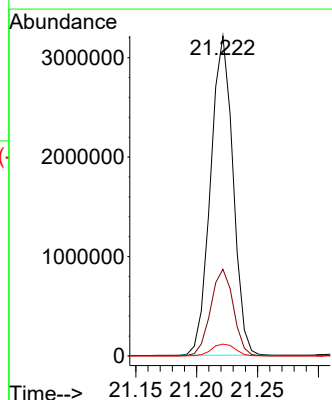
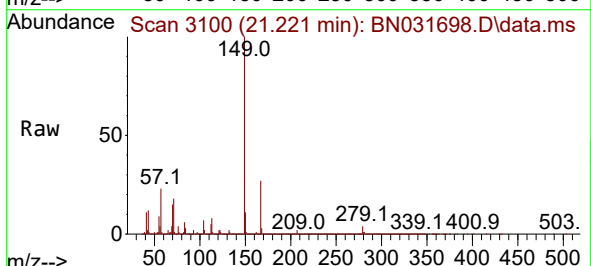
Tgt Ion:149 Resp: 4106118

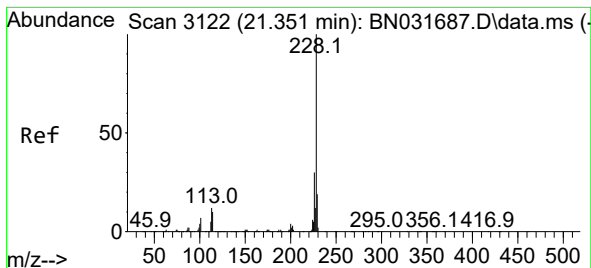
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.7 3.3 4.9





#87

Chrysene

Concen: 4.632 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

Instrument :

BNA_N

ClientSampleId :

BH650

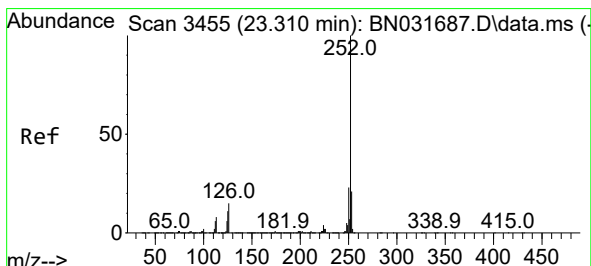
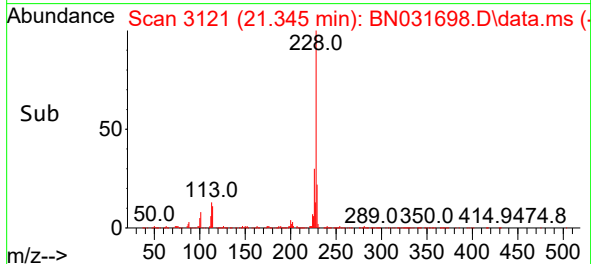
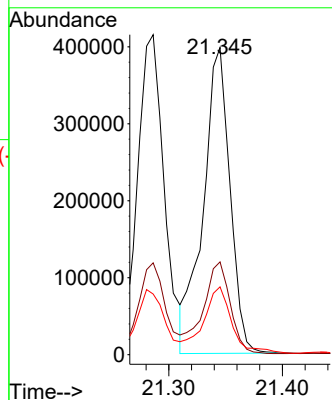
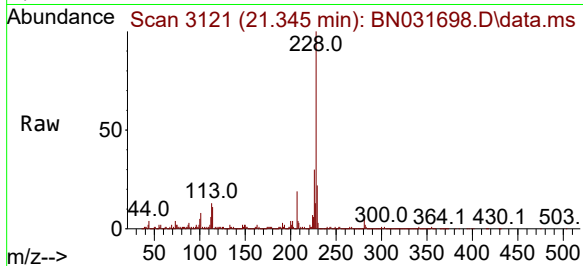
Tgt Ion:228 Resp: 651449

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 22.1 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 6.163 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

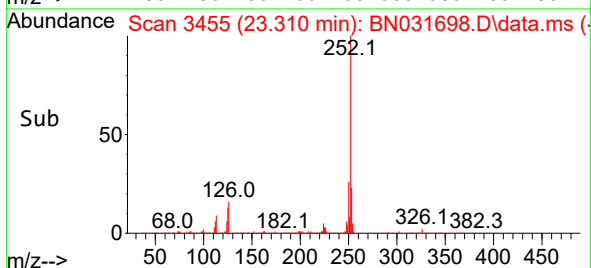
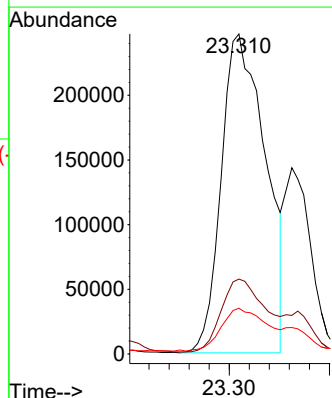
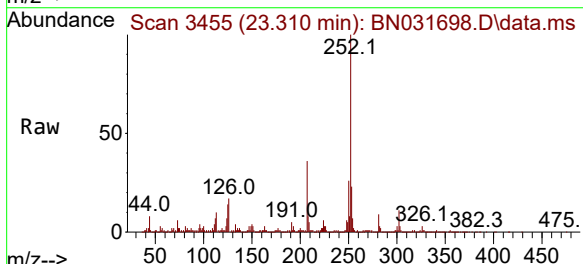
Tgt Ion:252 Resp: 754781

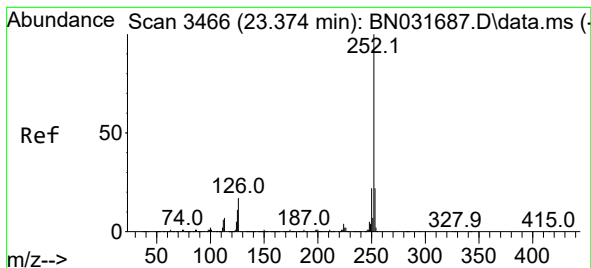
Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 14.3 9.2 13.8#





#91

Benzo(k)fluoranthene

Concen: 2.108 ng/ul

RT: 23.363 min Scan# 3466

Delta R.T. -0.012 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

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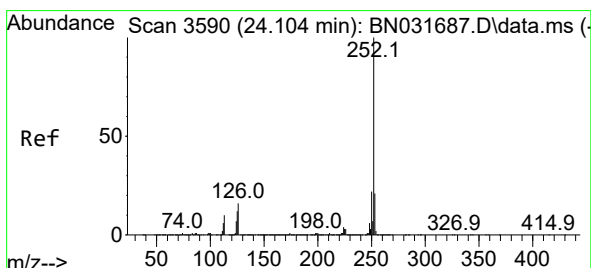
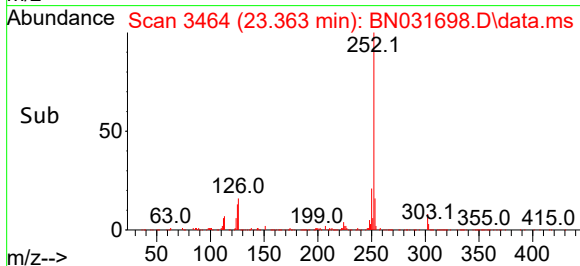
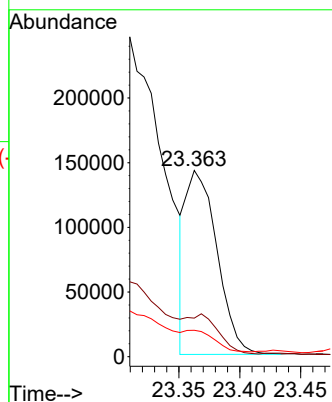
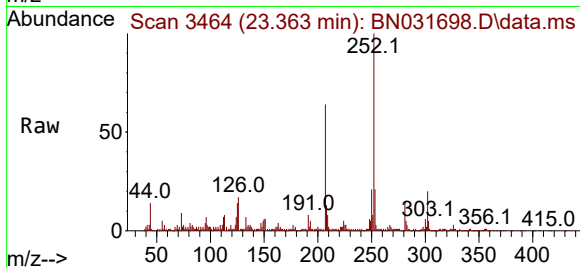
Tgt Ion:252 Resp: 253345

Ion Ratio Lower Upper

252 100

253 20.7 17.6 26.4

125 14.2 9.4 14.2#



#93

Benzo(a)pyrene

Concen: 4.177 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031698.D

Acq: 29 May 2024 19:58

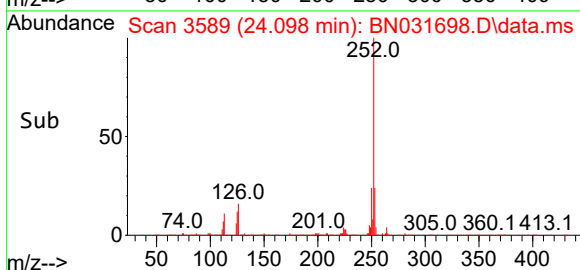
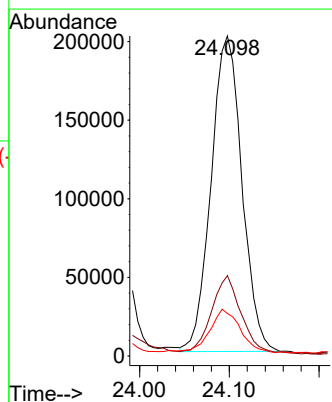
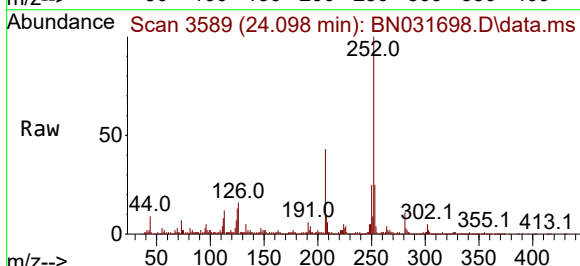
Tgt Ion:252 Resp: 479192

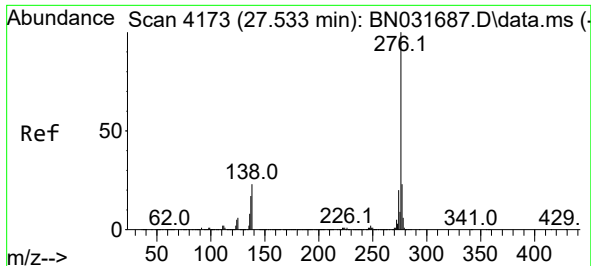
Ion Ratio Lower Upper

252 100

253 25.1 16.6 24.8#

125 13.2 9.8 14.8

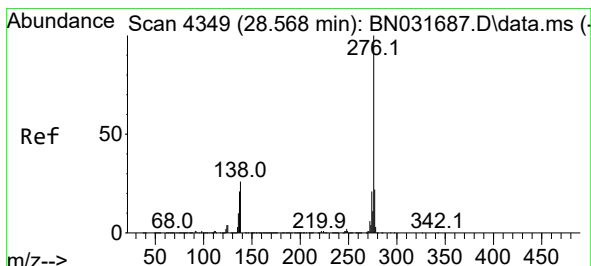
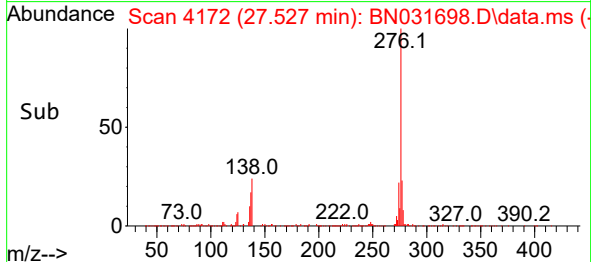
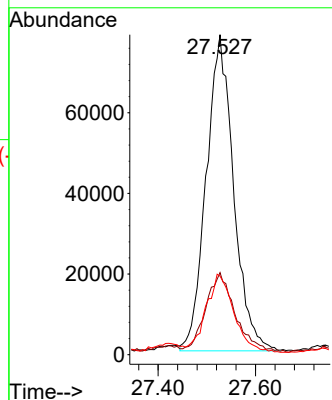
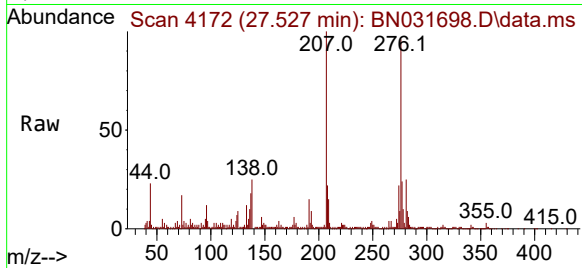




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.319 ng/ul
 RT: 27.527 min Scan# 4172
 Delta R.T. -0.006 min
 Lab File: BN031698.D
 Acq: 29 May 2024 19:58

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Tgt Ion:276 Resp: 306557
 Ion Ratio Lower Upper
 276 100
 138 25.6 18.1 27.1
 277 24.6 18.2 27.2



#96
 Benzo(g,h,i)perylene
 Concen: 2.015 ng/ul
 RT: 28.556 min Scan# 4347
 Delta R.T. -0.012 min
 Lab File: BN031698.D
 Acq: 29 May 2024 19:58

Tgt Ion:276 Resp: 211759
 Ion Ratio Lower Upper
 276 100
 138 27.0 20.9 31.3
 277 23.8 18.0 27.0

