

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031703.D
 Acq On : 29 May 2024 23:15
 Operator : MA/JU
 Sample : P2569-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A3

Quant Time: May 29 23:51:56 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

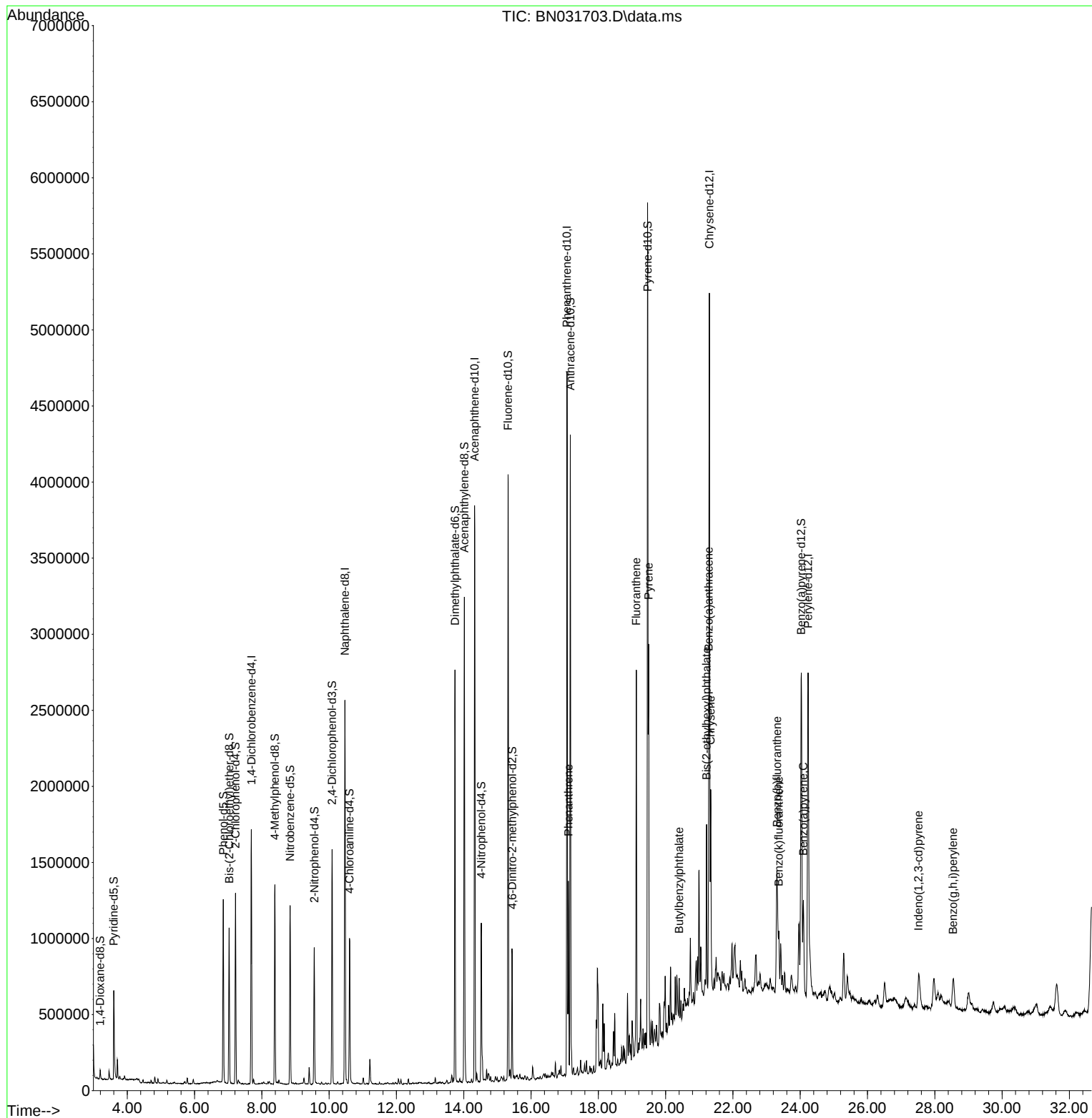
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	465458	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2117980	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1360220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2714229	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2145854	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1921692	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	36411	3.236	ng/uL	0.00
4) Pyridine-d5	3.599	84	351708	11.105	ng/u1	0.00
7) Phenol-d5	6.852	99	731790	18.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	435708	18.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	588449	19.327	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	517433	15.908	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	300503	18.556	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	302934	18.109	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	567376	18.168	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	558575	12.046	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1828561	19.297	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2088389	19.166	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	250863	13.222	ng/u1	0.00
60) Fluorene-d10	15.316	176	1563243	19.497	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	175998	12.900	ng/u1	0.00
73) Anthracene-d10	17.169	188	2343764	20.170	ng/u1	0.00
81) Pyrene-d10	19.463	212	2751682	23.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1968821	21.456	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	747999	5.410	ng/u1	98
80) Fluoranthene	19.128	202	1417810	10.331	ng/u1	98
82) Pyrene	19.492	202	1506629	10.700	ng/u1	99
83) Butylbenzylphthalate	20.404	149	79912	1.202	ng/u1	98
85) Benzo(a)anthracene	21.280	228	711300	4.952	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	447292	4.614	ng/u1	99
87) Chrysene	21.339	228	831839	6.200	ng/u1	96
90) Benzo(b)fluoranthene	23.310	252	901378	7.847	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	257163	2.282	ng/u1	97
93) Benzo(a)pyrene	24.092	252	568749	5.287	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.515	276	352514	2.844	ng/u1	97
96) Benzo(g,h,i)perylene	28.545	276	334054	3.390	ng/u1	99

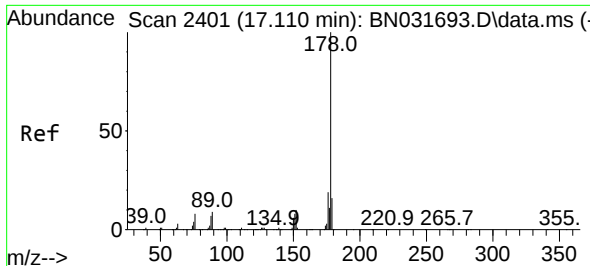
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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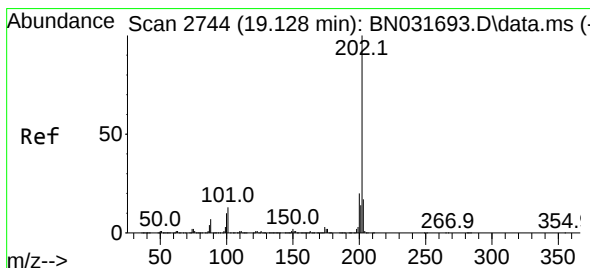
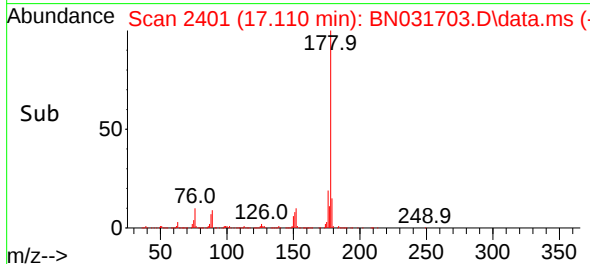
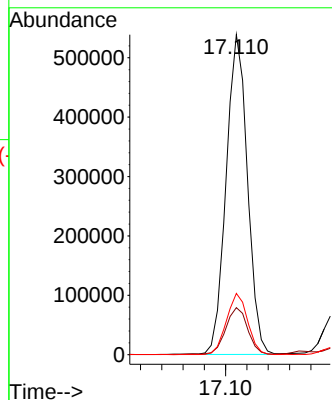
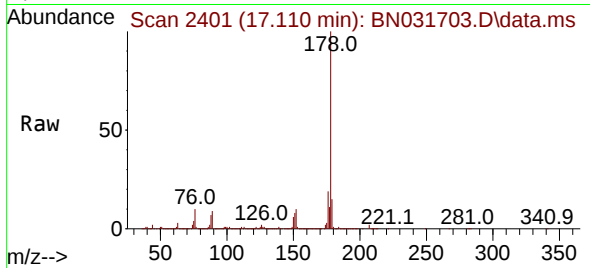




#72
Phenanthrene
Concen: 5.410 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031703.D
Acq: 29 May 2024 23:15

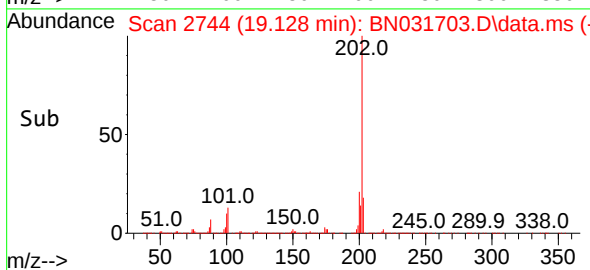
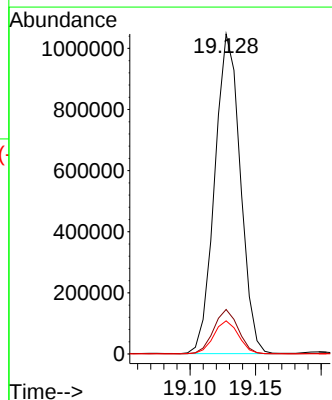
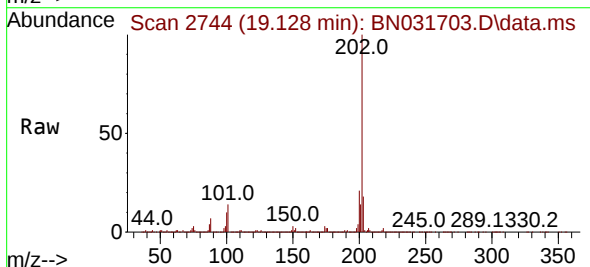
Instrument :
BNA_N
ClientSampleId :
BH6A3

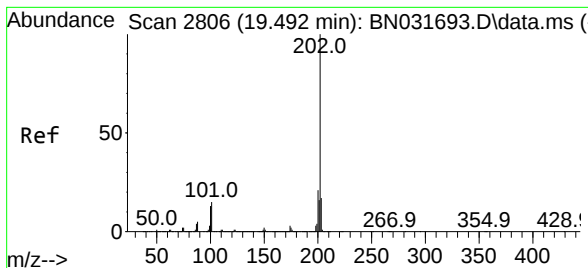
Tgt Ion:178 Resp: 747999
Ion Ratio Lower Upper
178 100
179 14.7 12.6 19.0
176 19.1 15.8 23.6



#80
Fluoranthene
Concen: 10.331 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031703.D
Acq: 29 May 2024 23:15

Tgt Ion:202 Resp: 1417810
Ion Ratio Lower Upper
202 100
101 13.9 10.3 15.5
100 10.4 8.0 12.0





#82

Pyrene

Concen: 10.700 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

Instrument :

BNA_N

ClientSampleId :

BH6A3

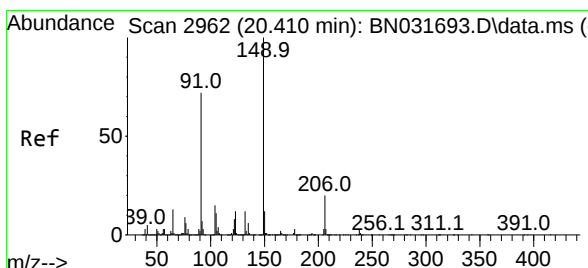
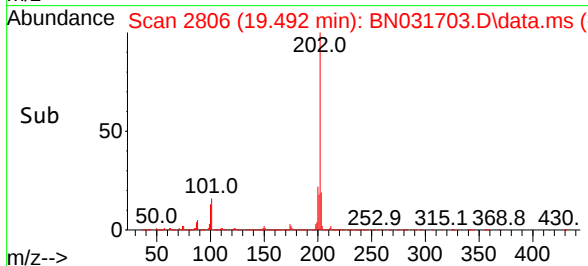
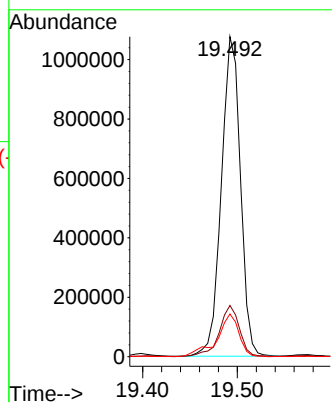
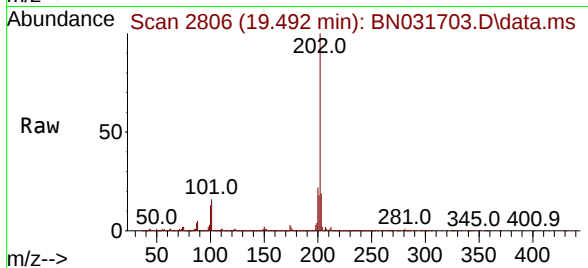
Tgt Ion:202 Resp: 1506629

Ion Ratio Lower Upper

202 100

101 16.0 12.6 18.8

100 13.4 10.2 15.2



#83

Butylbenzylphthalate

Concen: 1.202 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

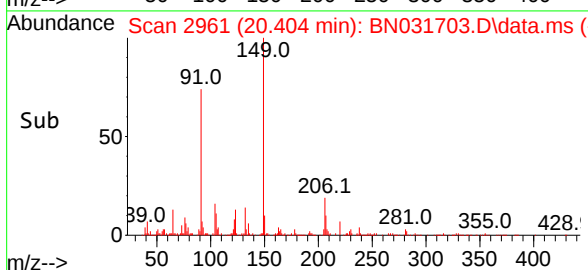
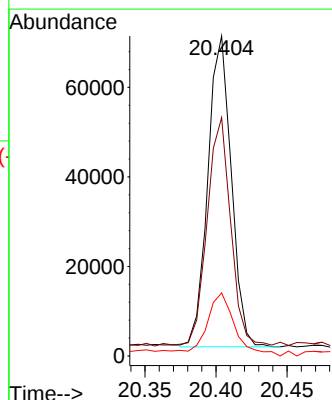
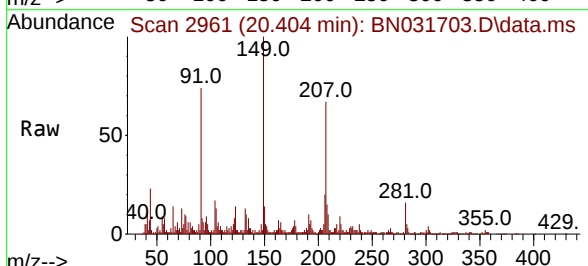
Tgt Ion:149 Resp: 79912

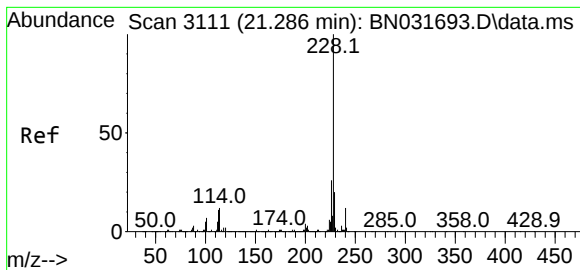
Ion Ratio Lower Upper

149 100

91 74.5 61.0 91.4

206 19.7 16.5 24.7





#85

Benzo(a)anthracene

Concen: 4.952 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

Instrument :

BNA_N

ClientSampleId :

BH6A3

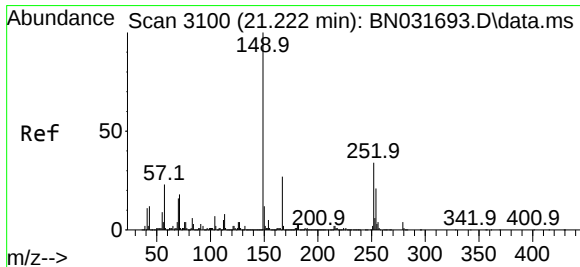
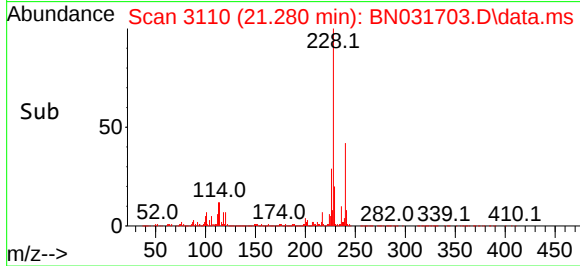
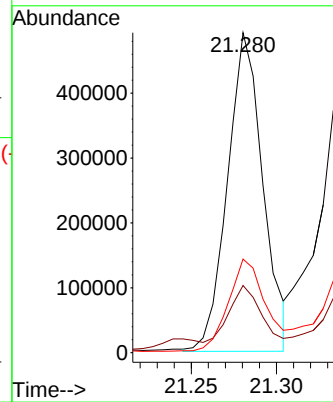
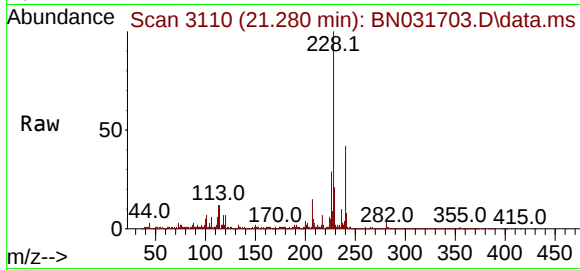
Tgt Ion:228 Resp: 711300

Ion Ratio Lower Upper

228 100

229 21.0 16.7 25.1

226 29.3 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.614 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

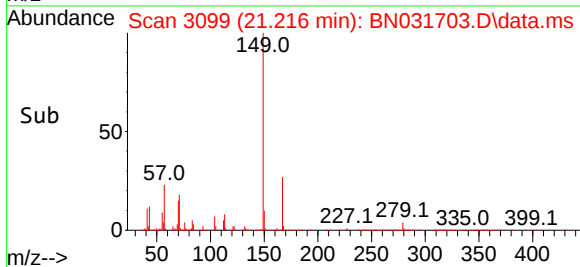
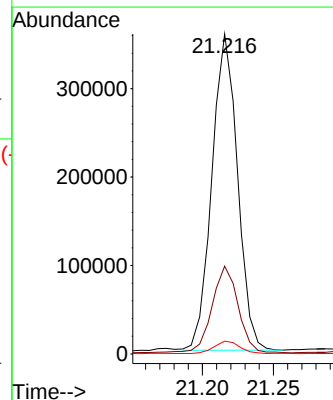
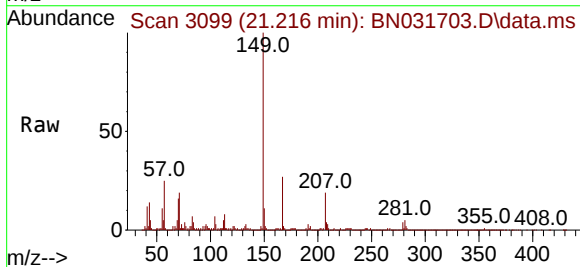
Tgt Ion:149 Resp: 447292

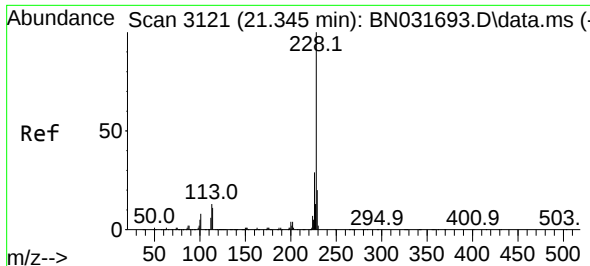
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.0 3.3 4.9





#87

Chrysene

Concen: 6.200 ng/ul

RT: 21.339 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

Instrument :

BNA_N

ClientSampleId :

BH6A3

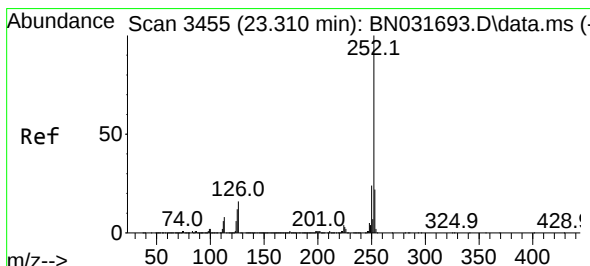
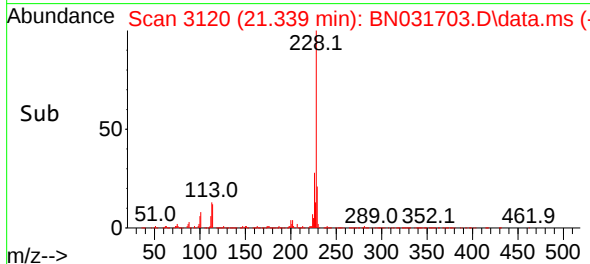
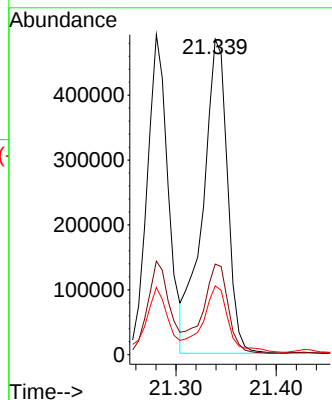
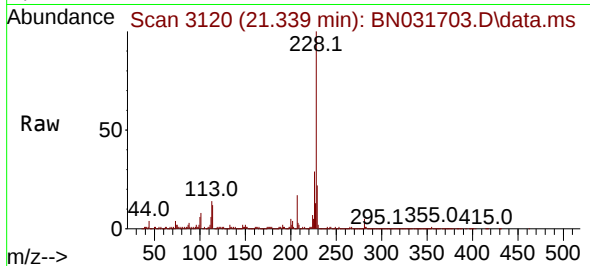
Tgt Ion:228 Resp: 831839

Ion Ratio Lower Upper

228 100

226 28.7 23.7 35.5

229 21.8 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 7.847 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

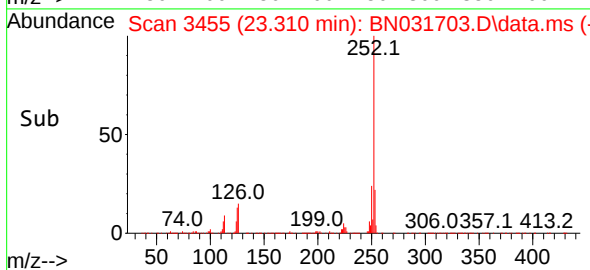
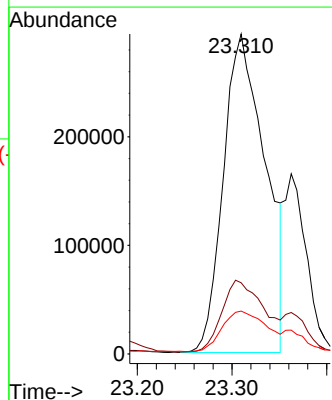
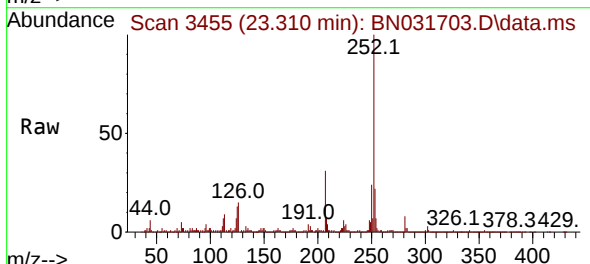
Tgt Ion:252 Resp: 901378

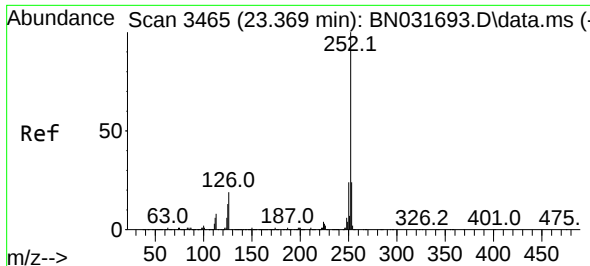
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 13.4 9.2 13.8

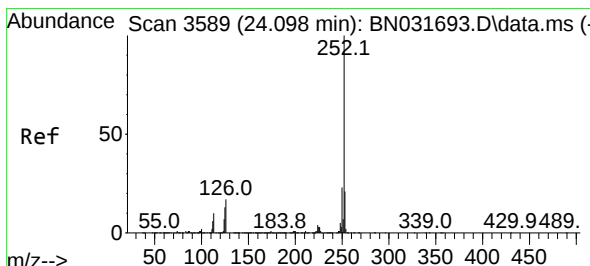
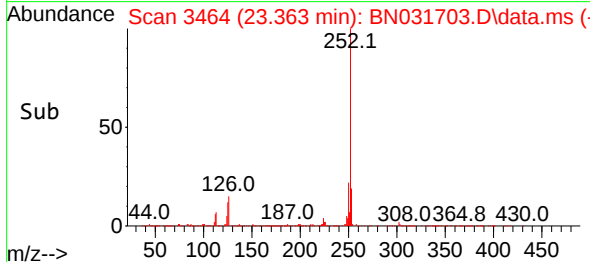
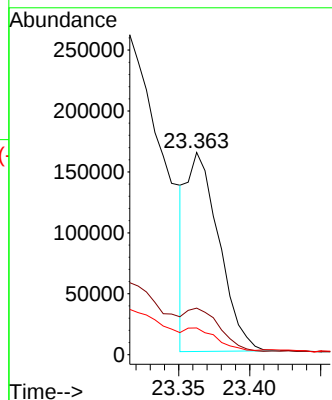
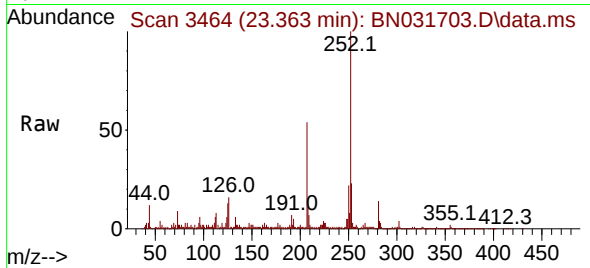




#91
Benzo(k)fluoranthene
Concen: 2.282 ng/uI
RT: 23.363 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BN031703.D
Acq: 29 May 2024 23:15

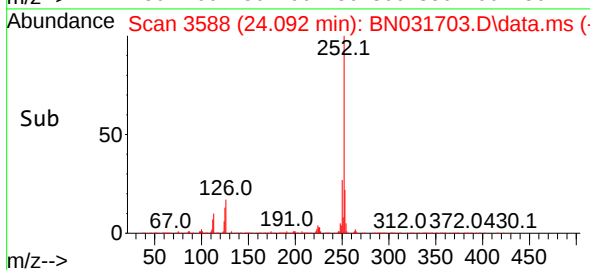
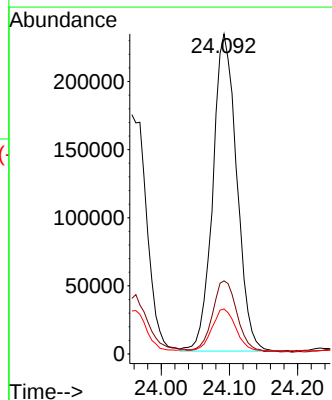
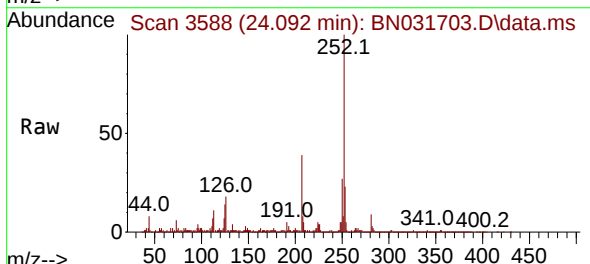
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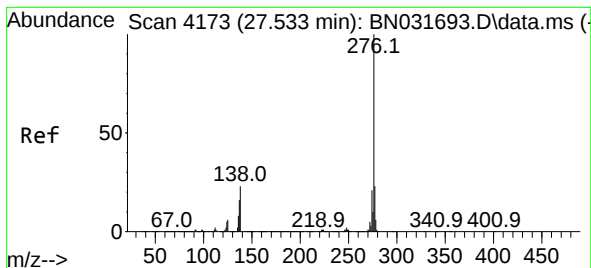
Tgt Ion:252 Resp: 257163
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 13.2 9.4 14.2



#93
Benzo(a)pyrene
Concen: 5.287 ng/uI
RT: 24.092 min Scan# 3588
Delta R.T. -0.012 min
Lab File: BN031703.D
Acq: 29 May 2024 23:15

Tgt Ion:252 Resp: 568749
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 14.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.844 ng/ul

RT: 27.515 min Scan# 41

Delta R.T. -0.018 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

Instrument :

BNA_N

ClientSampleId :

BH6A3

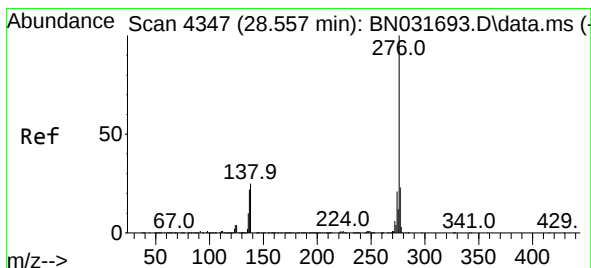
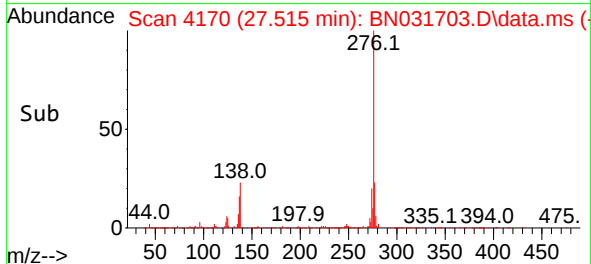
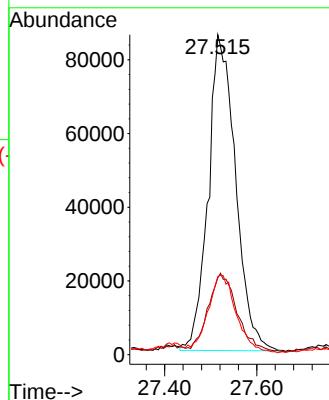
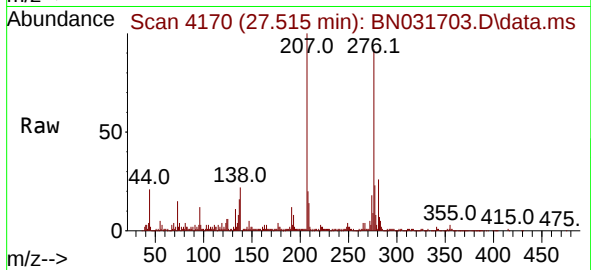
Tgt Ion:276 Resp: 352514

Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

277 24.4 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 3.390 ng/ul

RT: 28.545 min Scan# 4345

Delta R.T. -0.024 min

Lab File: BN031703.D

Acq: 29 May 2024 23:15

Tgt Ion:276 Resp: 334054

Ion Ratio Lower Upper

276 100

138 26.4 20.9 31.3

277 23.2 18.0 27.0

