

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031702.D
 Acq On : 29 May 2024 22:36
 Operator : MA/JU
 Sample : P2569-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A2

Quant Time: May 29 23:22:58 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)

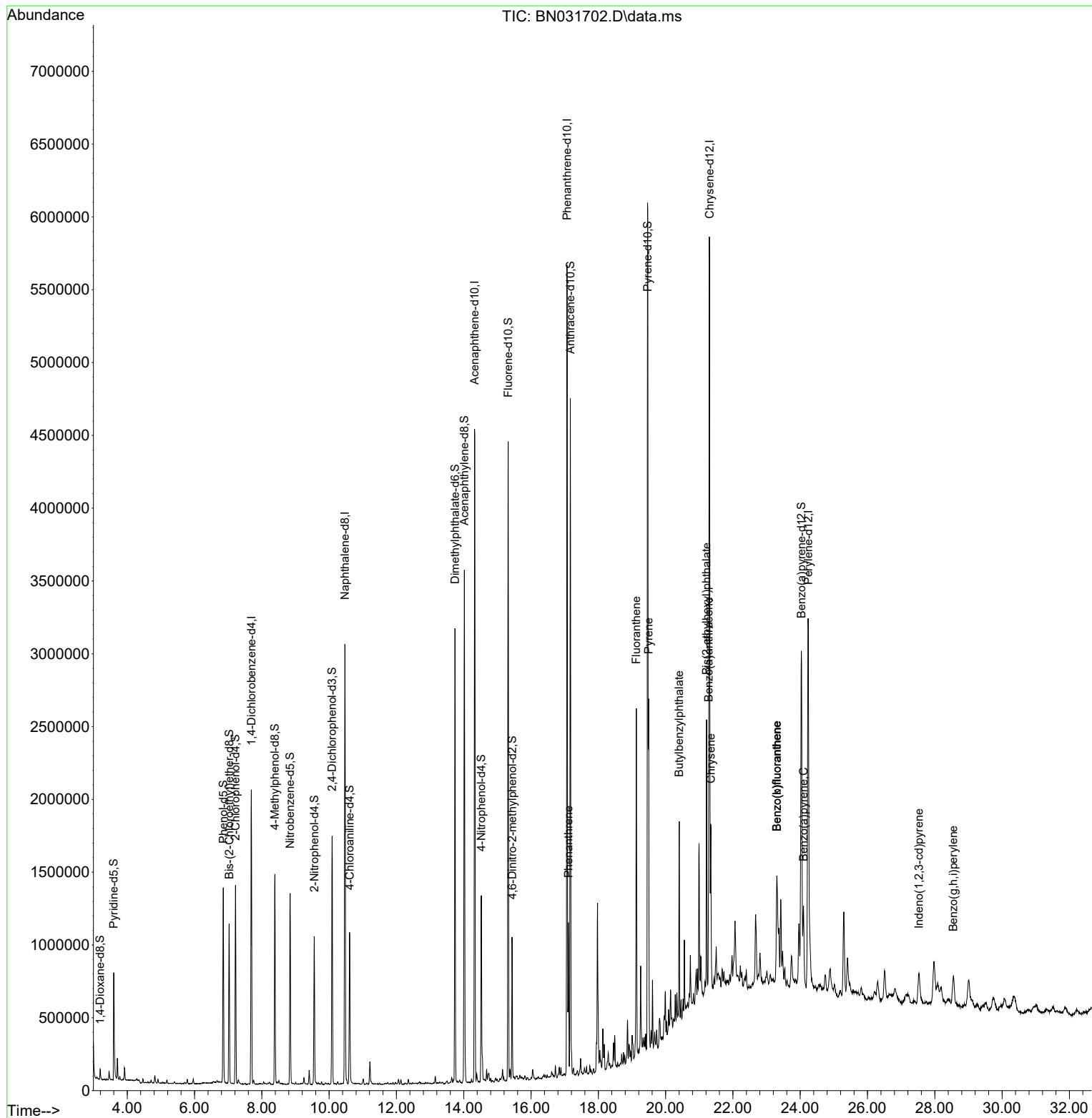
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	560906	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2557142	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1633729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	3308258	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2584973	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2288011	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	39846	2.939	ng/uL	0.00
4) Pyridine-d5	3.599	84	445650	11.677	ng/u1	0.00
7) Phenol-d5	6.852	99	817793	17.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	479188	17.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	652009	17.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	563390	14.373	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	331506	16.955	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	339018	16.786	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	629995	16.708	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	605971	10.824	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2020862	17.756	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2342825	17.902	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	303622	13.324	ng/u1	0.00
60) Fluorene-d10	15.322	176	1737227	18.039	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	201145	12.096	ng/u1	0.00
73) Anthracene-d10	17.169	188	2525838	17.834	ng/u1	0.00
81) Pyrene-d10	19.463	212	3059127	22.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2114265	19.352	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.110	178	608822	3.613	ng/u1	98
80) Fluoranthene	19.128	202	1367824	8.274	ng/u1	100
82) Pyrene	19.492	202	1297384	7.649	ng/u1	100
83) Butylbenzylphthalate	20.404	149	419381	5.235	ng/u1	97
85) Benzo(a)anthracene	21.280	228	611656	3.535	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	713976	6.114	ng/u1	99
87) Chrysene	21.345	228	701406	4.340	ng/u1	94
90) Benzo(b)fluoranthene	23.304	252	818018	5.981	ng/u1	98
91) Benzo(k)fluoranthene	23.304	252	818018	6.096	ng/u1	99
93) Benzo(a)pyrene	24.098	252	516771	4.035	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	335544	2.273	ng/u1	96
96) Benzo(g,h,i)perylene	28.551	276	335440	2.859	ng/u1	98

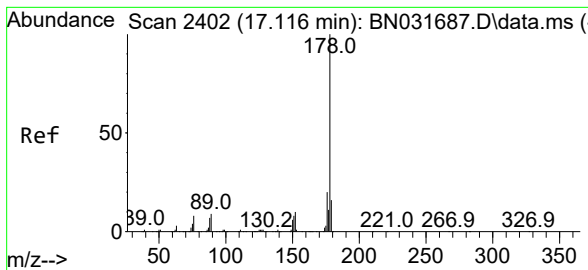
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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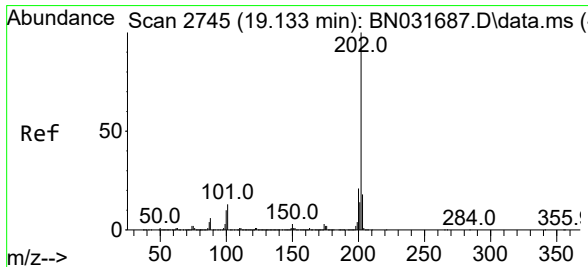
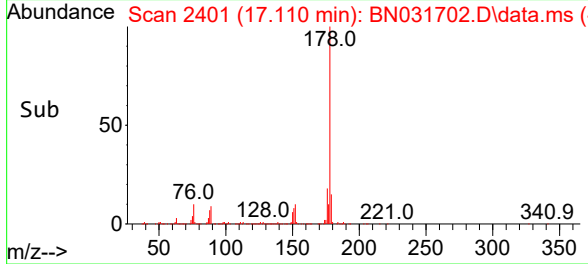
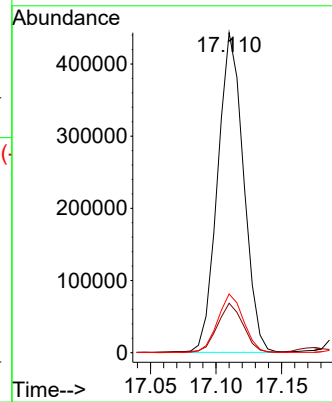
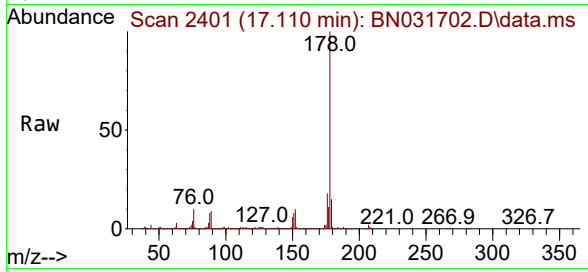


#72
 Phenanthrene
 Concen: 3.613 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031702.D
 Acq: 29 May 2024 22:36

Instrument :
 BNA_N
 ClientSampleId :
 BH6A2

Tgt Ion:178 Resp: 608822

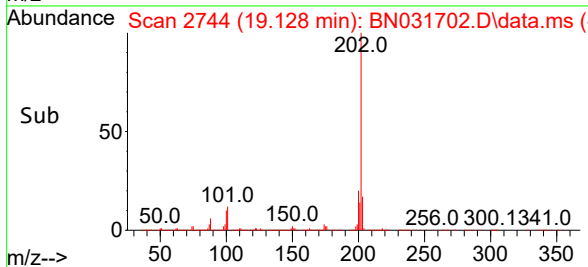
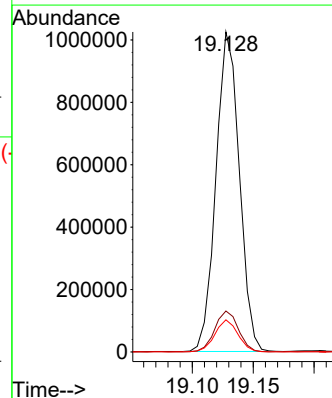
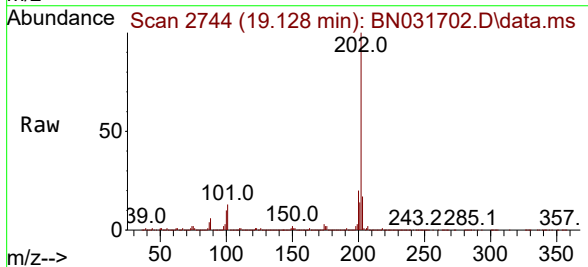
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.4	15.8	23.6

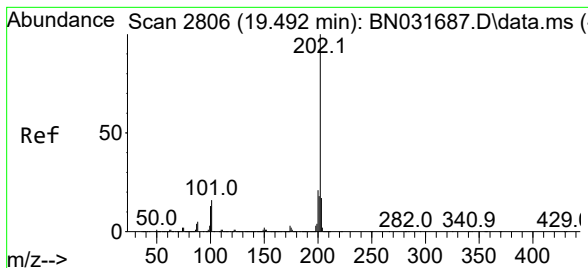


#80
 Fluoranthene
 Concen: 8.274 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031702.D
 Acq: 29 May 2024 22:36

Tgt Ion:202 Resp: 1367824

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
100	10.1	8.0	12.0





#82

Pyrene

Concen: 7.649 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

BH6A2

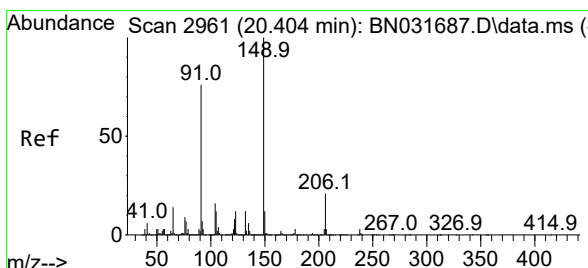
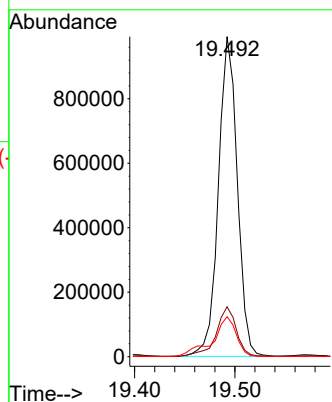
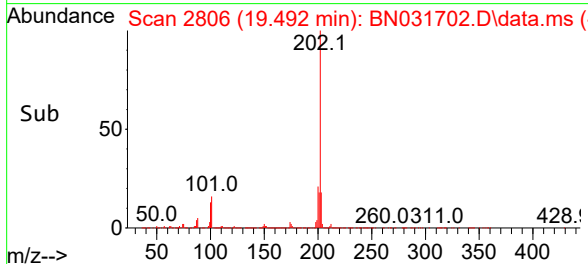
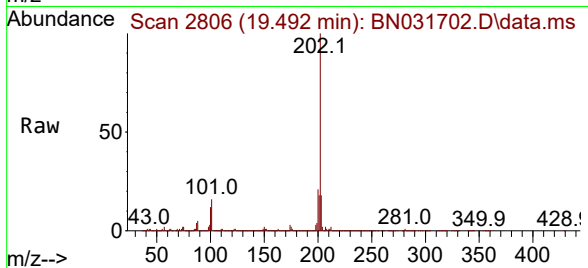
Tgt Ion:202 Resp: 1297384

Ion Ratio Lower Upper

202 100

101 15.6 12.6 18.8

100 12.5 10.2 15.2



#83

Butylbenzylphthalate

Concen: 5.235 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

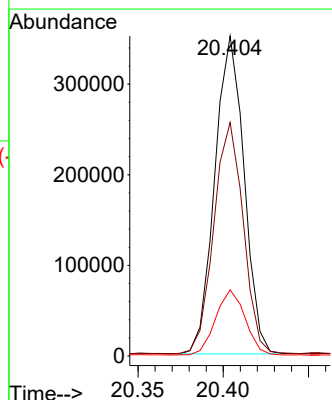
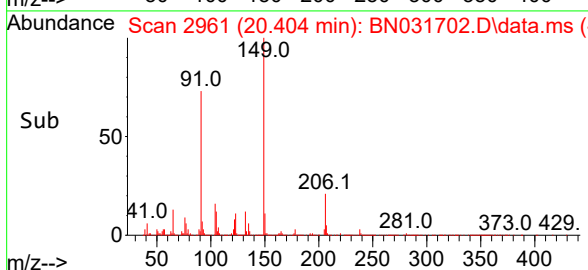
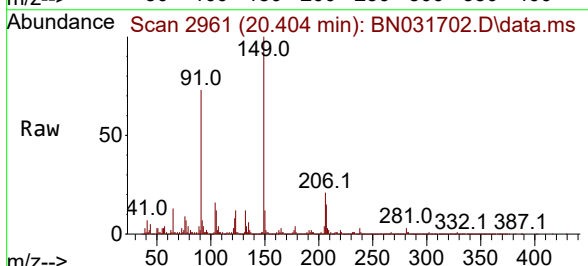
Tgt Ion:149 Resp: 419381

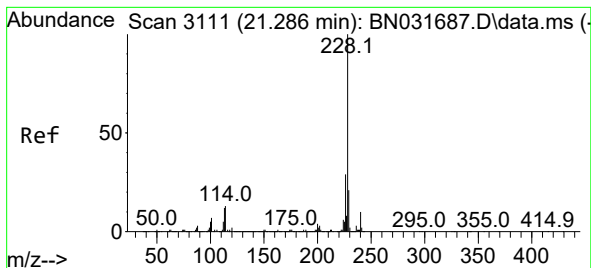
Ion Ratio Lower Upper

149 100

91 72.9 61.0 91.4

206 20.7 16.5 24.7





#85

Benzo(a)anthracene

Concen: 3.535 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

BH6A2

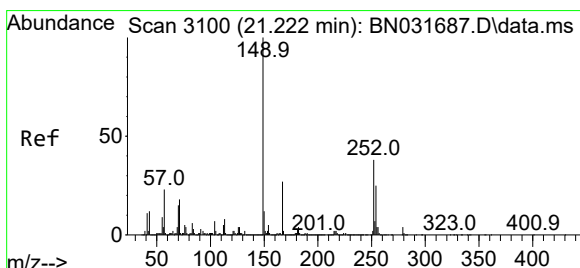
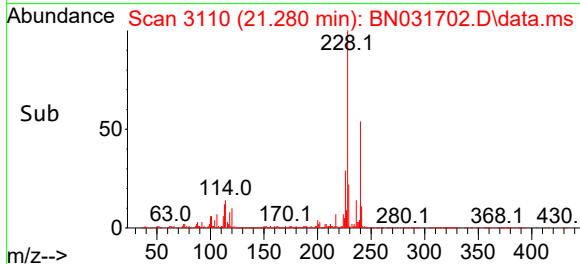
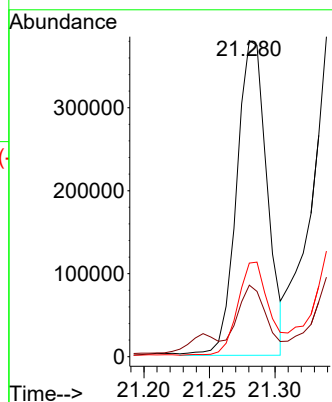
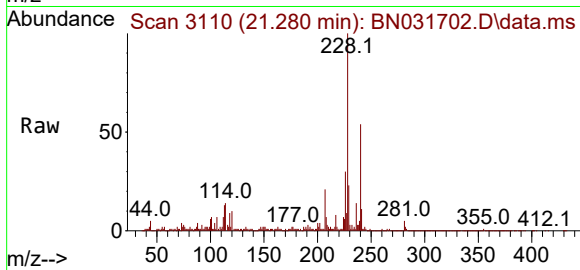
Tgt Ion:228 Resp: 611656

Ion Ratio Lower Upper

228 100

229 22.6 16.7 25.1

226 29.6 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 6.114 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

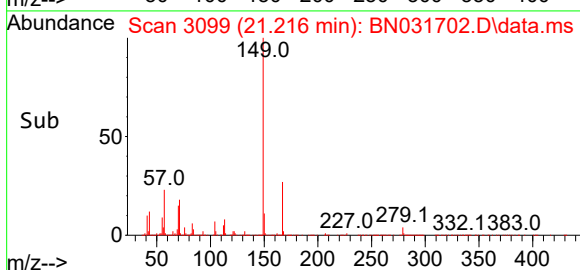
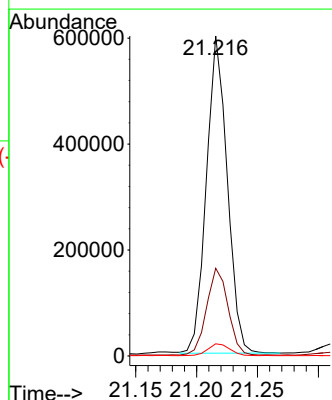
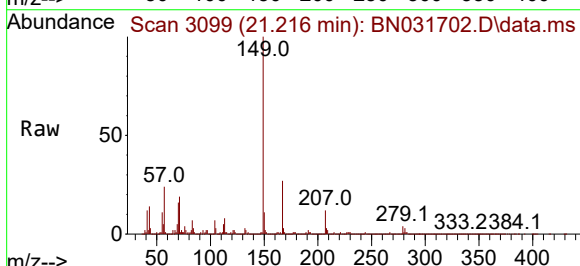
Tgt Ion:149 Resp: 713976

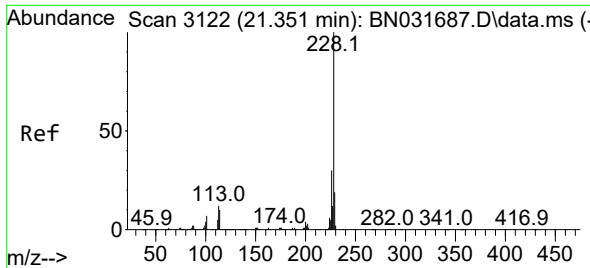
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 3.8 3.3 4.9





#87

Chrysene

Concen: 4.340 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

BH6A2

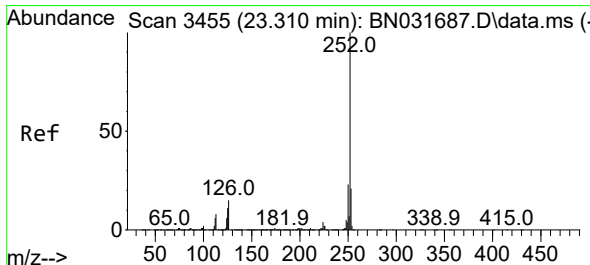
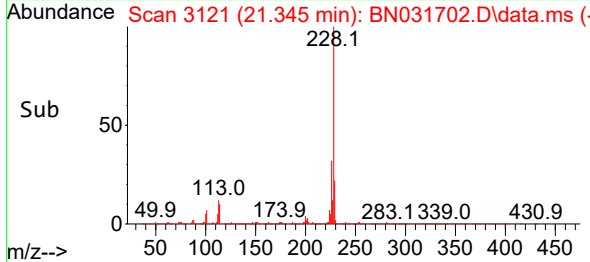
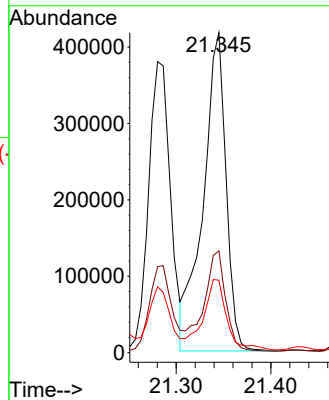
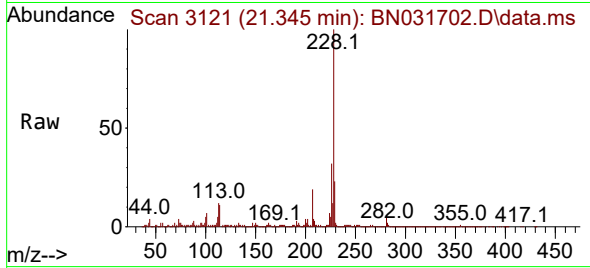
Tgt Ion:228 Resp: 701406

Ion Ratio Lower Upper

228 100

226 31.8 23.7 35.5

229 22.7 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 5.981 ng/ul

RT: 23.304 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

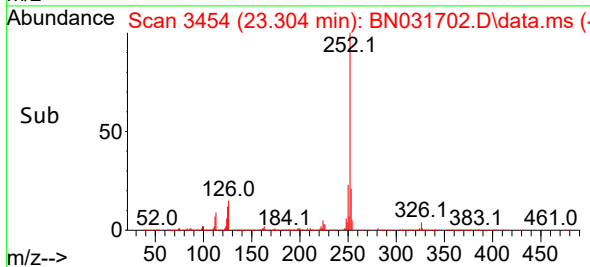
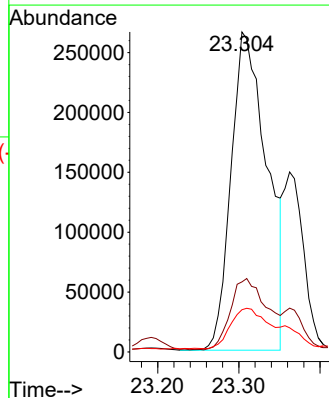
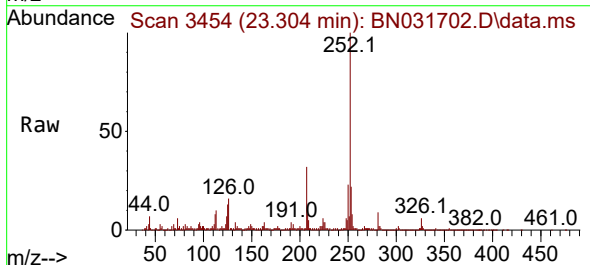
Tgt Ion:252 Resp: 818018

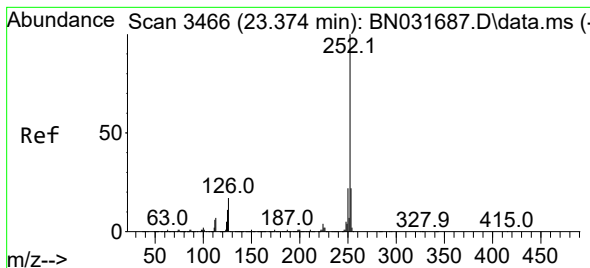
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 13.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 6.096 ng/ul

RT: 23.304 min Scan# 3466

Delta R.T. -0.071 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

BH6A2

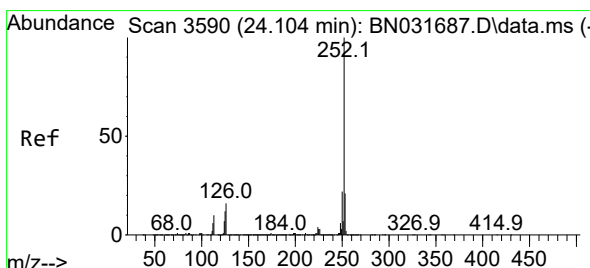
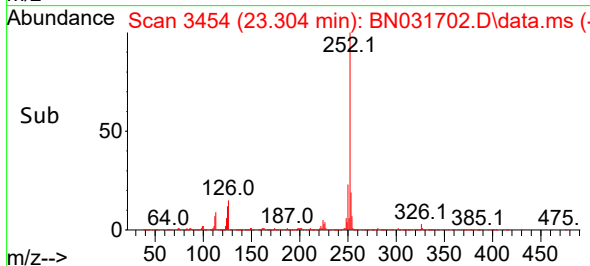
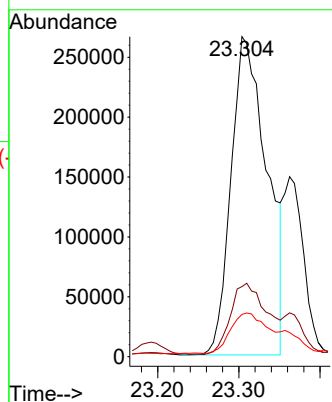
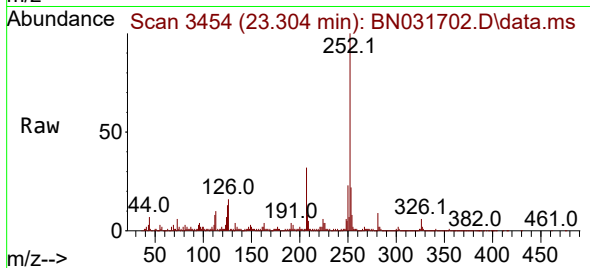
Tgt Ion:252 Resp: 818018

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 13.2 9.4 14.2



#93

Benzo(a)pyrene

Concen: 4.035 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

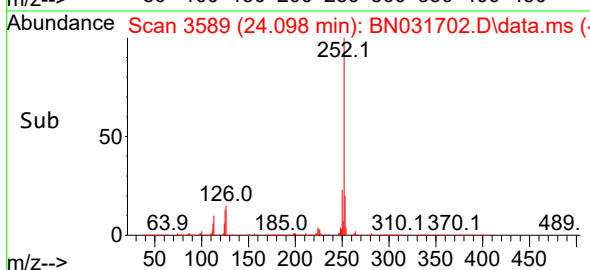
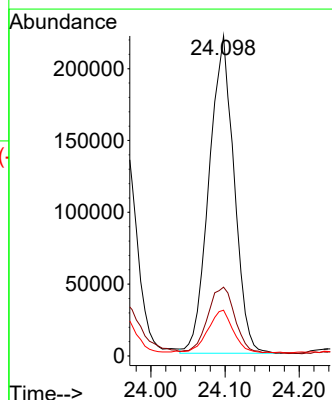
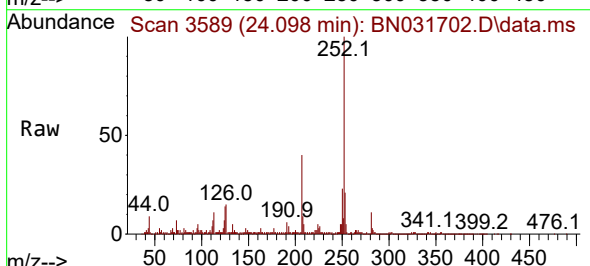
Tgt Ion:252 Resp: 516771

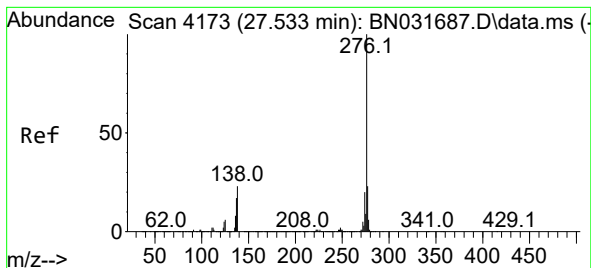
Ion Ratio Lower Upper

252 100

253 21.5 16.6 24.8

125 14.3 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.273 ng/ul

RT: 27.527 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

BH6A2

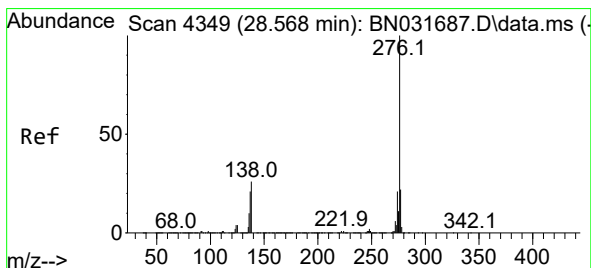
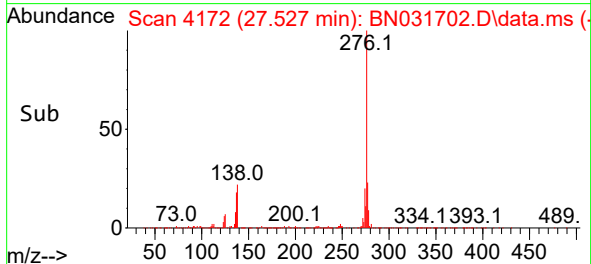
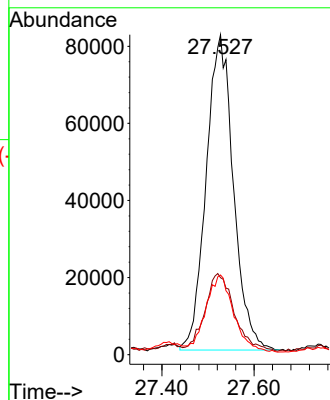
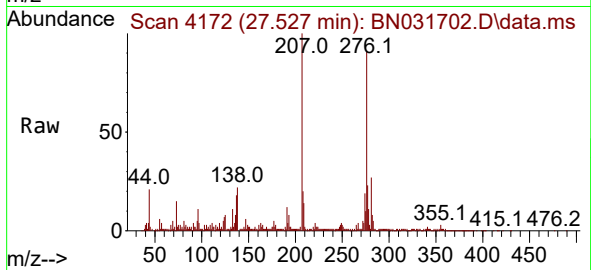
Tgt Ion:276 Resp: 335544

Ion Ratio Lower Upper

276 100

138 24.1 18.1 27.1

277 24.9 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 2.859 ng/ul

RT: 28.551 min Scan# 4346

Delta R.T. -0.018 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Tgt Ion:276 Resp: 335440

Ion Ratio Lower Upper

276 100

138 24.4 20.9 31.3

277 23.2 18.0 27.0

