

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031941.D
 Acq On : 12 Jun 2024 14:44
 Operator : MA/JU
 Sample : P2678-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH690

Quant Time: Jun 12 22:52:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

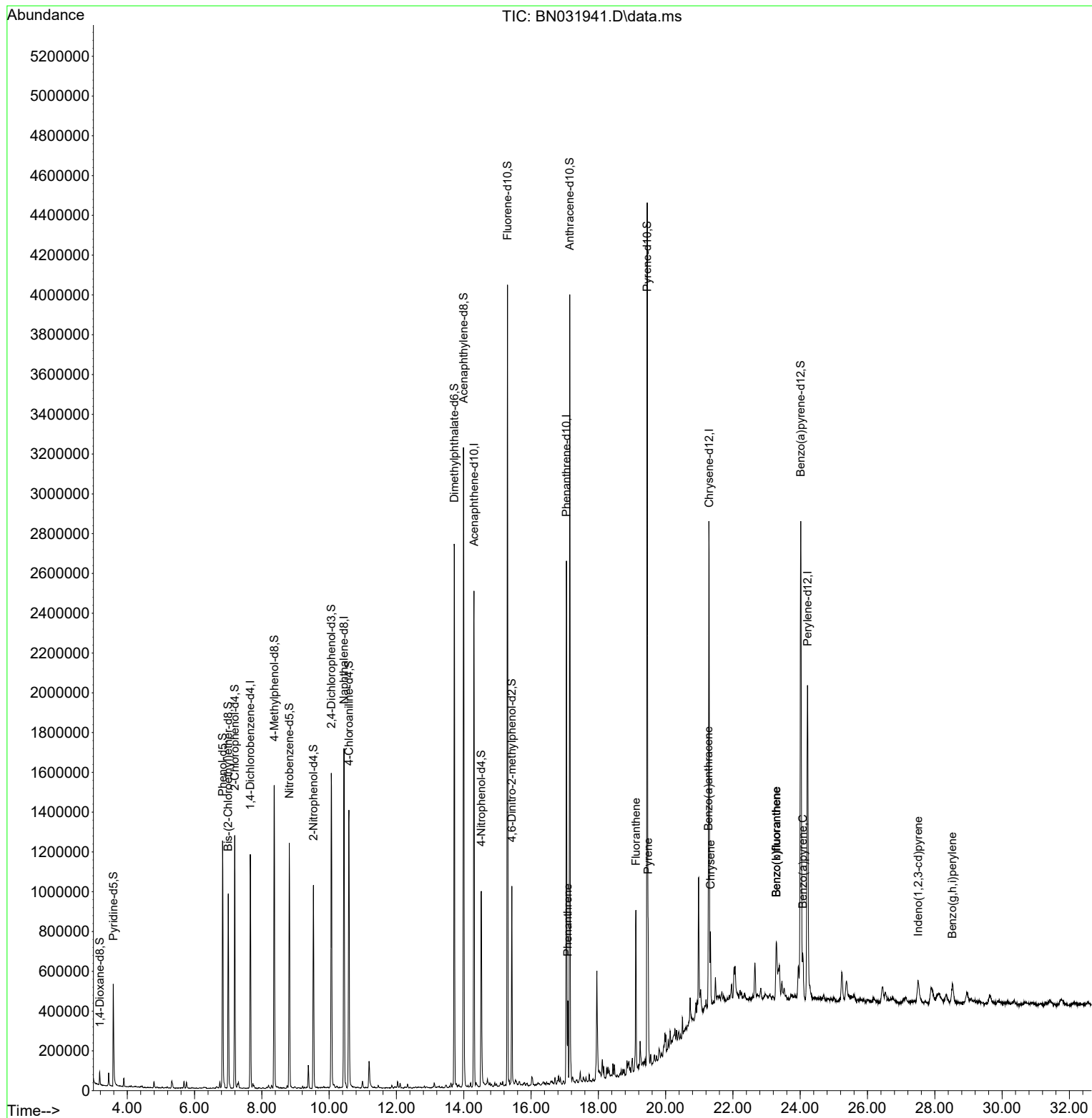
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	328246	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1459666	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	876151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1561788	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1181945	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1385806	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	33645	4.240	ng/uL	0.00
4) Pyridine-d5	3.587	84	305664	13.686	ng/u1	0.00
7) Phenol-d5	6.834	99	756675	26.890	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	428008	26.003	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	603247	28.095	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	622922	27.156	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	317503	28.448	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	348186	30.202	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	601576	27.950	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	812923	25.439	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1904551	31.203	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2176542	31.012	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	260365	21.304	ng/u1	0.00
60) Fluorene-d10	15.298	176	1558171	30.171	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	200900	25.591	ng/u1	0.00
73) Anthracene-d10	17.151	188	2128953	31.840	ng/u1	0.00
81) Pyrene-d10	19.451	212	2182084	34.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	2140126	32.342	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.092	178	235664	2.962	ng/u1	98
80) Fluoranthene	19.116	202	448688	5.936	ng/u1	98
82) Pyrene	19.480	202	401391	5.176	ng/u1	97
85) Benzo(a)anthracene	21.269	228	199323	2.519	ng/u1	99
87) Chrysene	21.333	228	235061	3.181	ng/u1	97
90) Benzo(b)fluoranthene	23.292	252	298254	3.601	ng/u1	97
91) Benzo(k)fluoranthene	23.292	252	298254	3.669	ng/u1	98
93) Benzo(a)pyrene	24.074	252	208095	2.682	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.504	276	159132	1.780	ng/u1	97
96) Benzo(g,h,i)perylene	28.521	276	89181	1.255	ng/u1	95

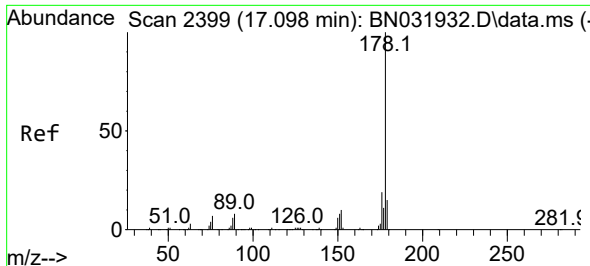
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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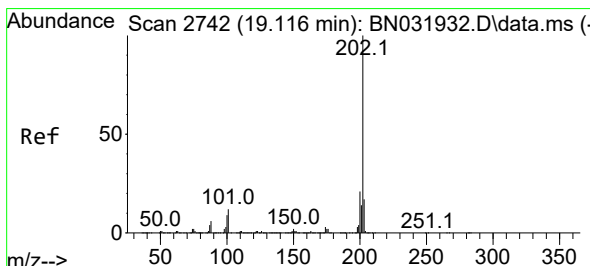
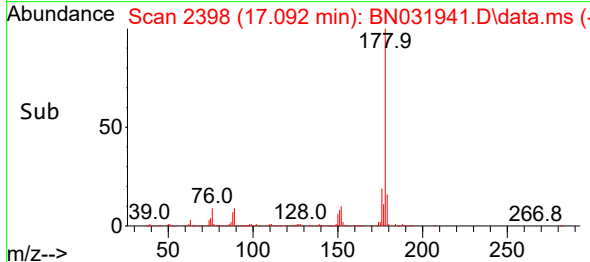
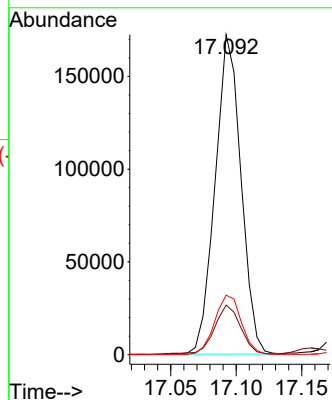
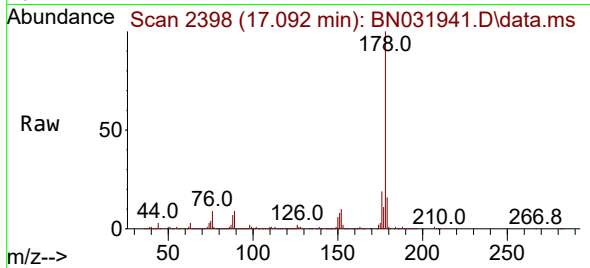




#72
Phenanthrene
Concen: 2.962 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031941.D
Acq: 12 Jun 2024 14:44

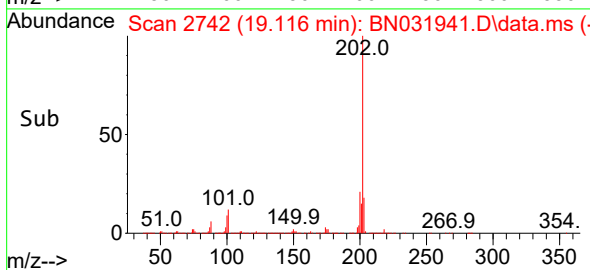
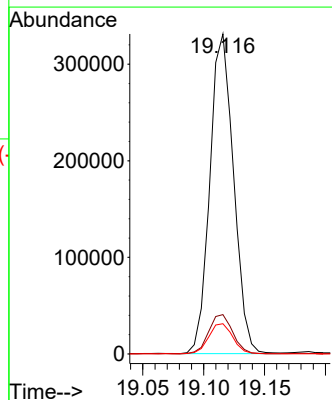
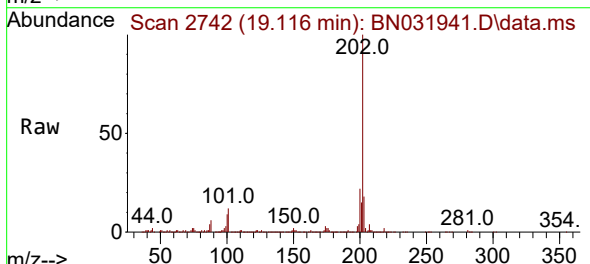
Instrument :
BNA_N
ClientSampleId :
BH690

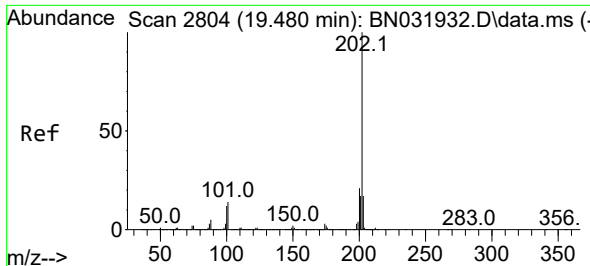
Tgt Ion:178 Resp: 235664
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.6 15.8 23.6



#80
Fluoranthene
Concen: 5.936 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031941.D
Acq: 12 Jun 2024 14:44

Tgt Ion:202 Resp: 448688
Ion Ratio Lower Upper
202 100
101 12.3 10.3 15.5
100 9.4 8.0 12.0

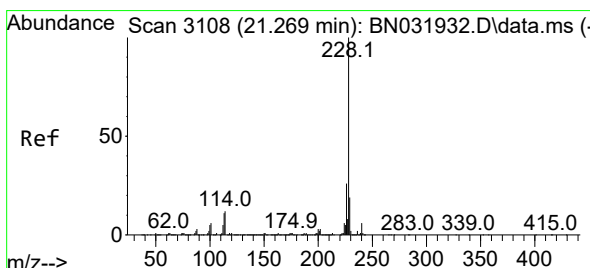
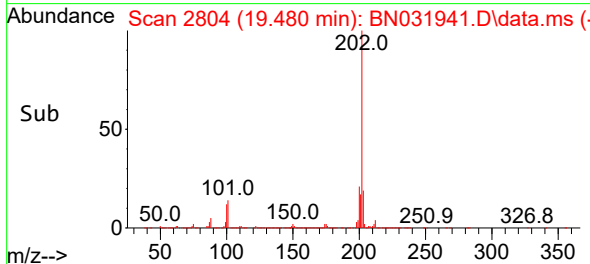
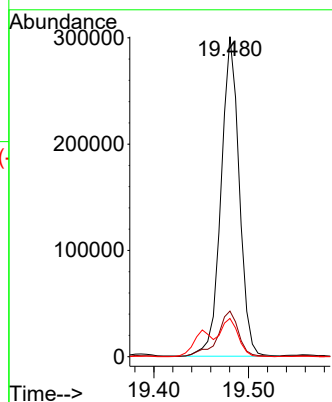
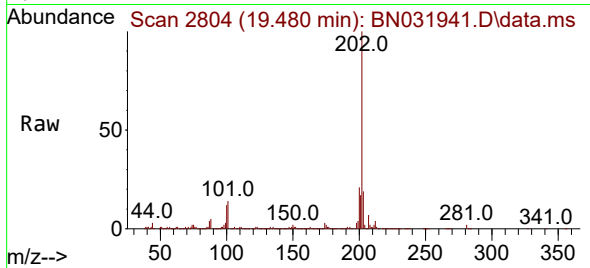




#82
 Pyrene
 Concen: 5.176 ng/ul
 RT: 19.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031941.D
 Acq: 12 Jun 2024 14:44

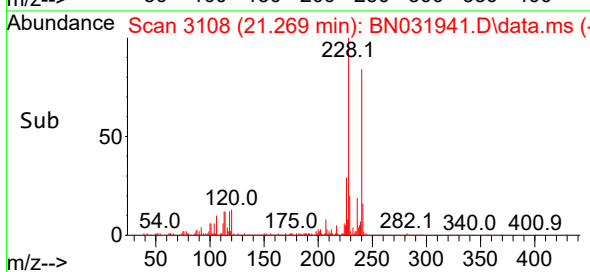
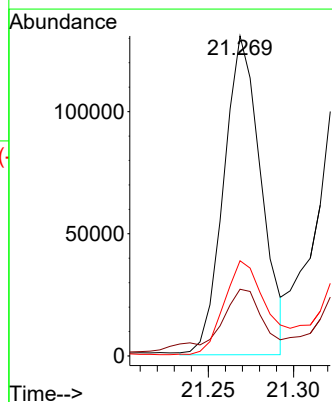
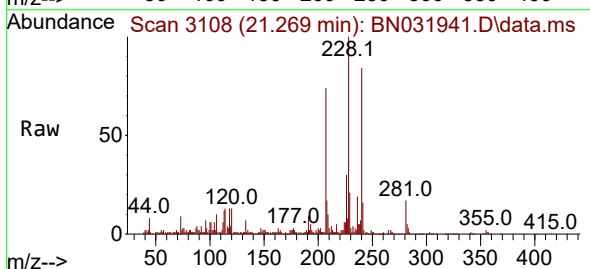
Instrument :
 BNA_N
 ClientSampleId :
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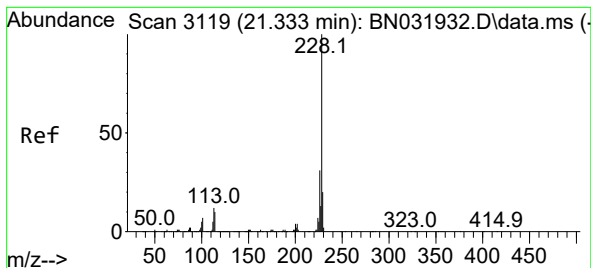
Tgt Ion:202 Resp: 401391
 Ion Ratio Lower Upper
 202 100
 101 14.3 12.6 18.8
 100 12.0 10.2 15.2



#85
 Benzo(a)anthracene
 Concen: 2.519 ng/ul
 RT: 21.269 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BN031941.D
 Acq: 12 Jun 2024 14:44

Tgt Ion:228 Resp: 199323
 Ion Ratio Lower Upper
 228 100
 229 20.8 16.7 25.1
 226 29.7 22.8 34.2





#87

Chrysene

Concen: 3.181 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031941.D

Acq: 12 Jun 2024 14:44

Instrument :

BNA_N

ClientSampleId :

BH690

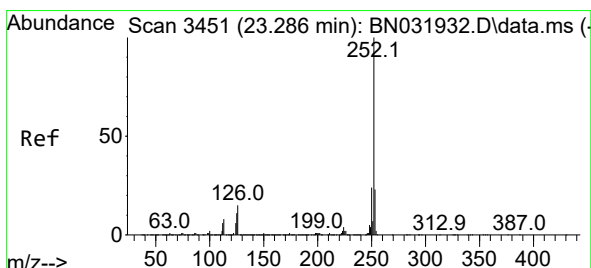
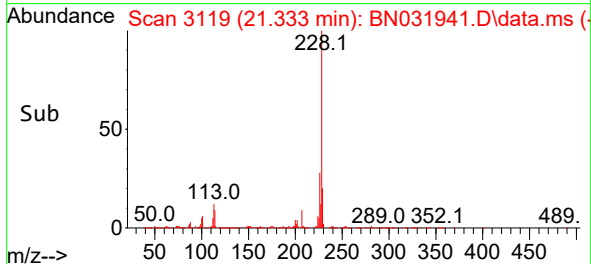
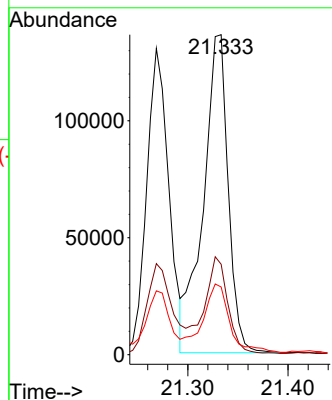
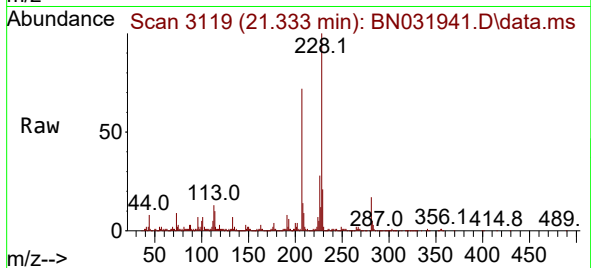
Tgt Ion:228 Resp: 235061

Ion Ratio Lower Upper

228 100

226 28.3 23.7 35.5

229 21.1 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 3.601 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. 0.000 min

Lab File: BN031941.D

Acq: 12 Jun 2024 14:44

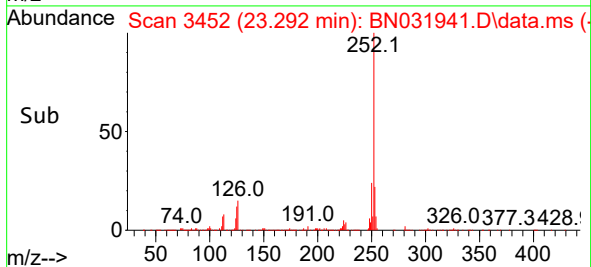
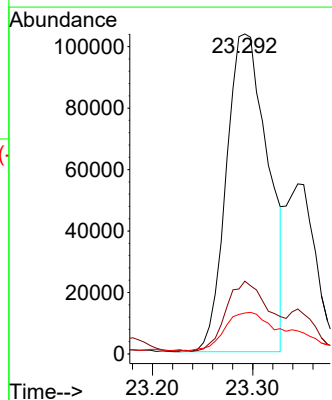
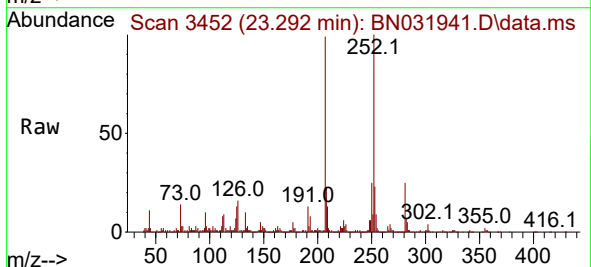
Tgt Ion:252 Resp: 298254

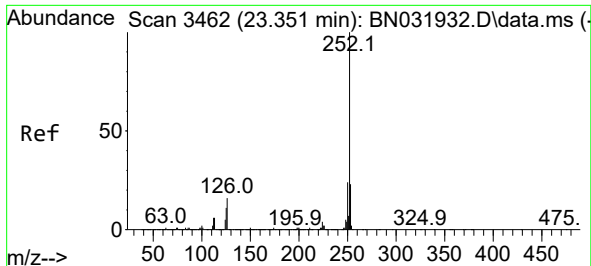
Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 12.8 9.2 13.8

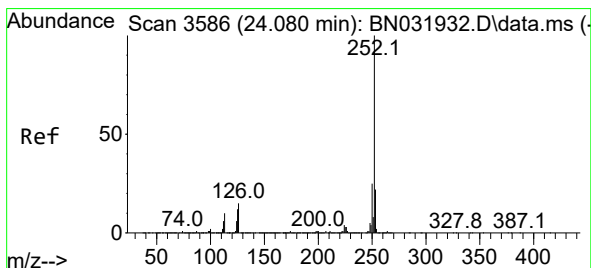
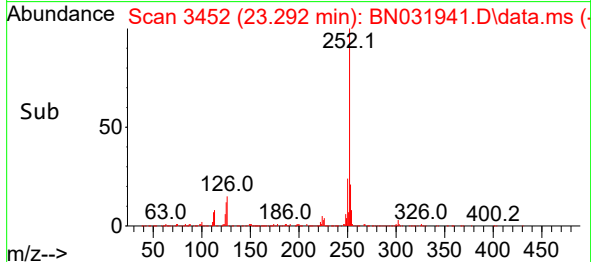
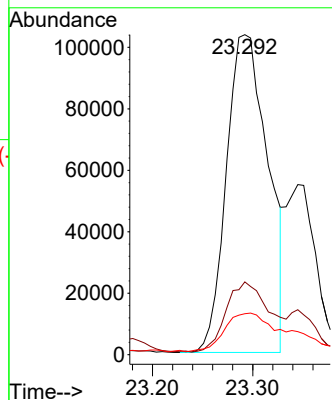
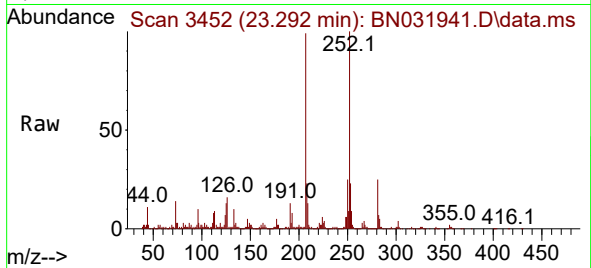




#91
Benzo(k)fluoranthene
Concen: 3.669 ng/ul
RT: 23.292 min Scan# 3462
Delta R.T. -0.059 min
Lab File: BN031941.D
Acq: 12 Jun 2024 14:44

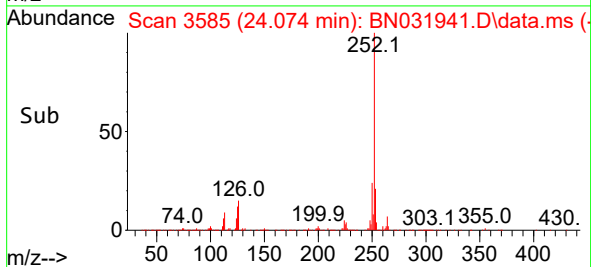
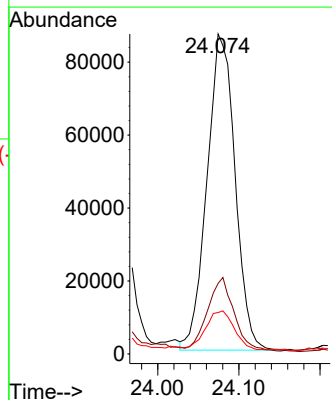
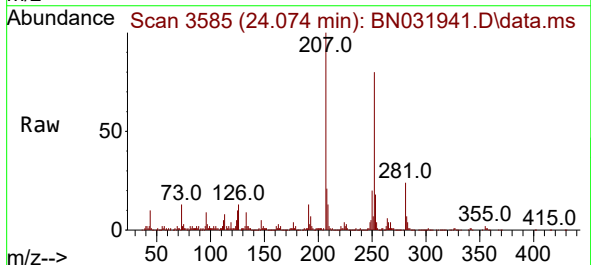
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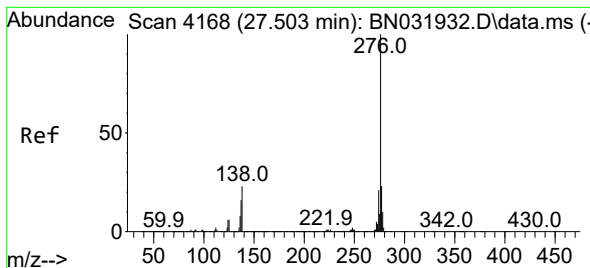
Tgt Ion:252 Resp: 298254
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.8 9.4 14.2



#93
Benzo(a)pyrene
Concen: 2.682 ng/ul
RT: 24.074 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN031941.D
Acq: 12 Jun 2024 14:44

Tgt Ion:252 Resp: 208095
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.780 ng/ul

RT: 27.504 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN031941.D

Acq: 12 Jun 2024 14:44

Instrument :

BNA_N

ClientSampleId :

BH690

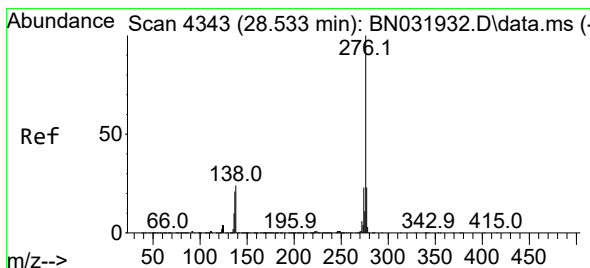
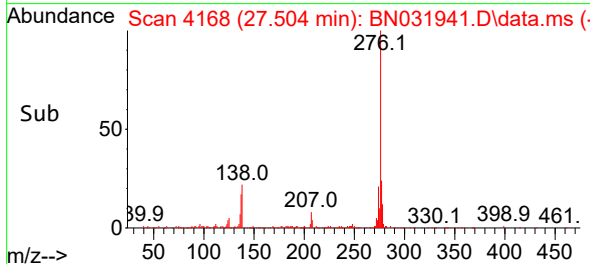
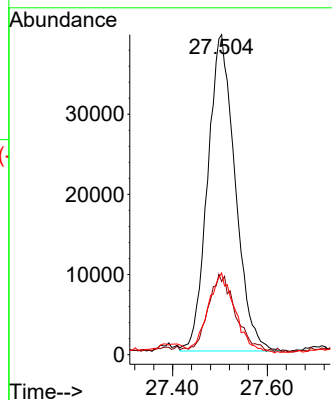
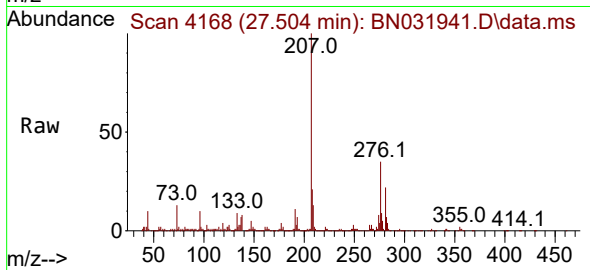
Tgt Ion:276 Resp: 159132

Ion Ratio Lower Upper

276 100

138 22.9 18.1 27.1

277 25.6 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 1.255 ng/ul

RT: 28.521 min Scan# 4341

Delta R.T. -0.023 min

Lab File: BN031941.D

Acq: 12 Jun 2024 14:44

Tgt Ion:276 Resp: 89181

Ion Ratio Lower Upper

276 100

138 22.7 20.9 31.3

277 23.8 18.0 27.0

