

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031660.D
 Acq On : 24 May 2024 14:20
 Operator : MA/JU
 Sample : P2548-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH609

Quant Time: May 24 23:14:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

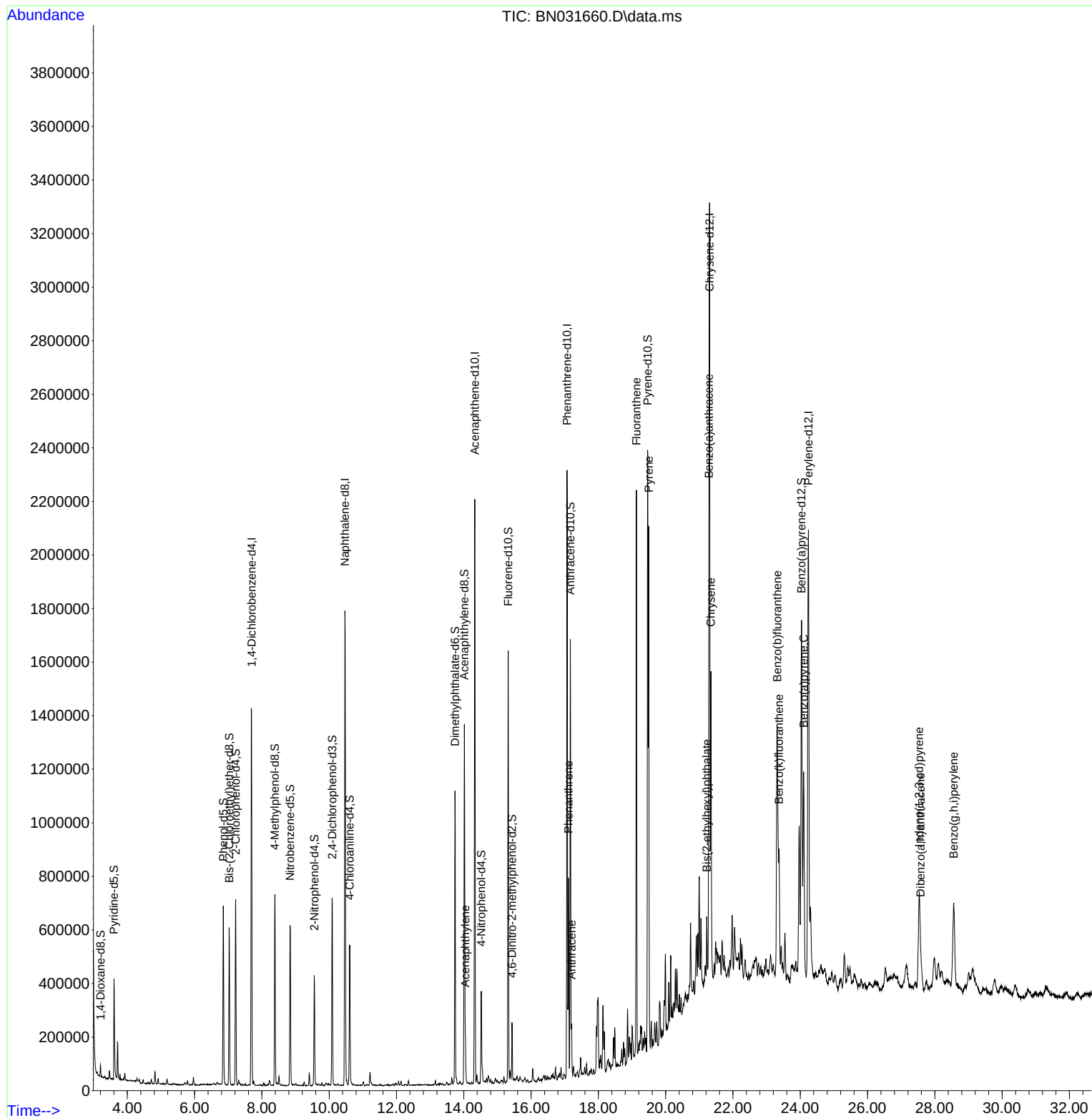
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	408816	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1521386	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	762561	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1343612	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1272527	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1556769	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	23811	2.309	ng/uL	0.00
4) Pyridine-d5	3.605	84	206236	7.165	ng/u1	0.00
7) Phenol-d5	6.852	99	403089	11.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	250945	12.433	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	332140	12.808	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	272914	10.476	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	149168	12.955	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	134331	12.217	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	260590	12.121	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	297112	9.588	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	715023	14.879	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	883793	14.673	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	78734	8.659	ng/u1	0.00
60) Fluorene-d10	15.322	176	593903	14.260	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	39648	6.825	ng/u1	0.00
73) Anthracene-d10	17.169	188	898309	15.794	ng/u1	0.00
81) Pyrene-d10	19.463	212	1037724	13.001	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1163055	15.872	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.045	152	126092	1.813	ng/u1	100
72) Phenanthrene	17.110	178	446707	6.551	ng/u1	99
74) Anthracene	17.204	178	119442	1.746	ng/u1	97
80) Fluoranthene	19.133	202	1215192	12.317	ng/u1	99
82) Pyrene	19.498	202	1190676	11.768	ng/u1	99
85) Benzo(a)anthracene	21.286	228	655857	7.664	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	97926	2.083	ng/u1#	98
87) Chrysene	21.345	228	739471	9.355	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	1046591	11.520	ng/u1	96
91) Benzo(k)fluoranthene	23.368	252	327361	3.535	ng/u1	98
93) Benzo(a)pyrene	24.104	252	732430	8.393	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.539	276	533233	5.091	ng/u1	99
95) Dibenzo(a,h)anthracene	27.574	278	132703	1.539	ng/u1#	90
96) Benzo(g,h,i)perylene	28.562	276	525831	6.077	ng/u1	98

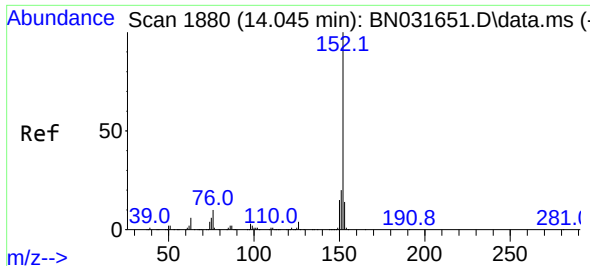
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
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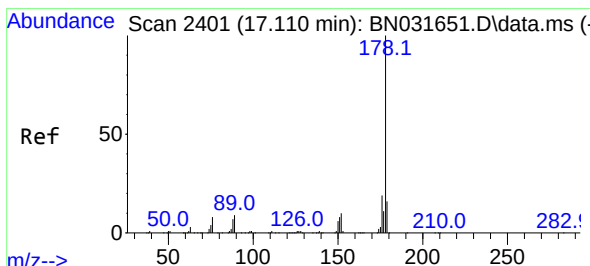
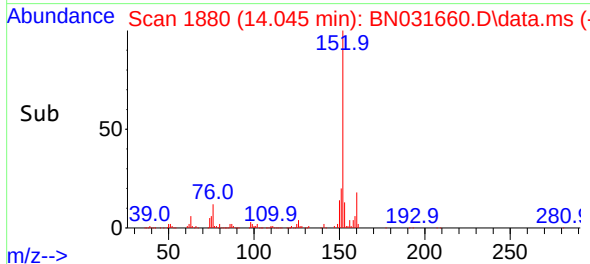
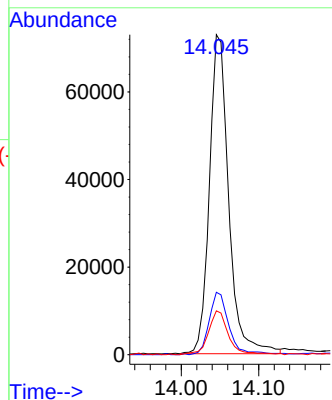
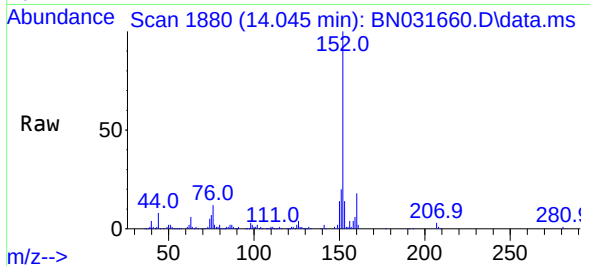




#50
Acenaphthylene
Concen: 1.813 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

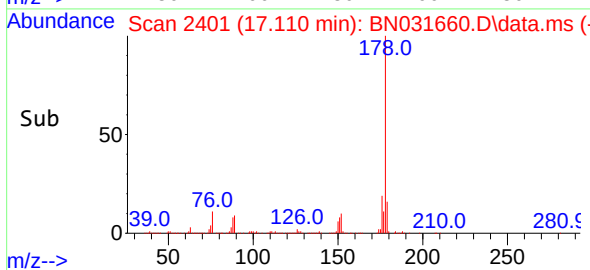
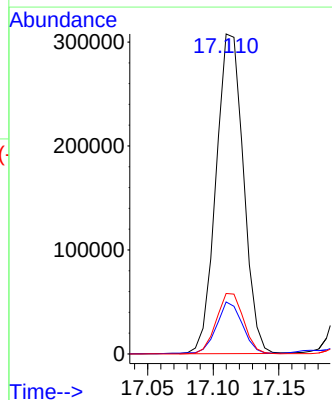
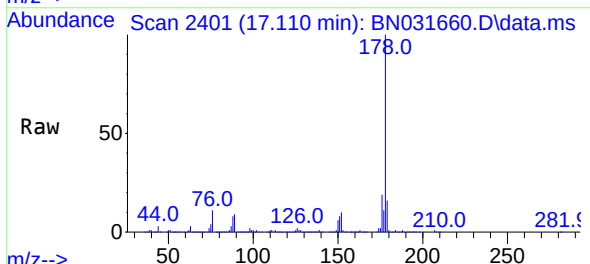
Instrument :
BNA_N
ClientSampleId :
BH609

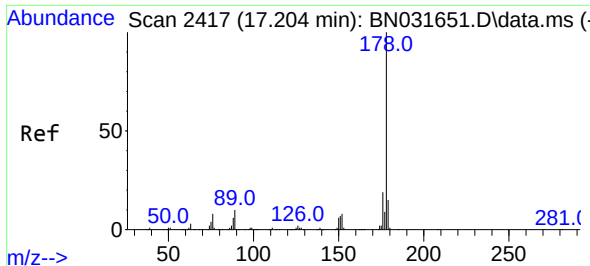
Tgt Ion:152 Resp: 126092
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.7 10.8 16.2



#72
Phenanthrene
Concen: 6.551 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:178 Resp: 446707
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 18.9 15.2 22.8

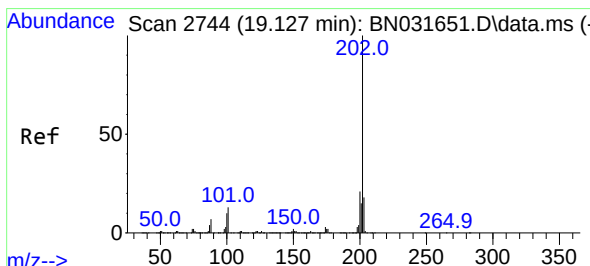
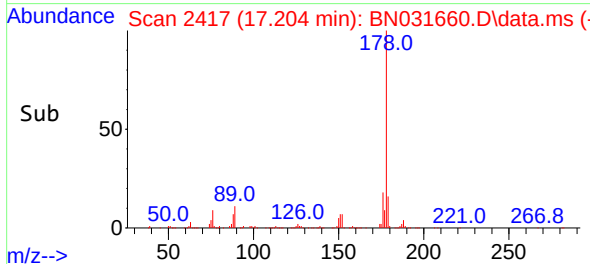
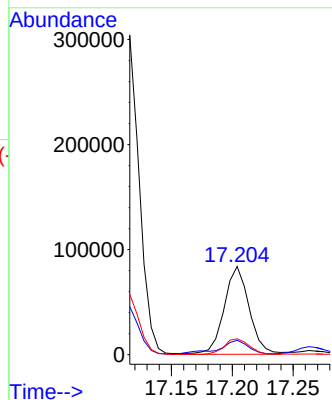
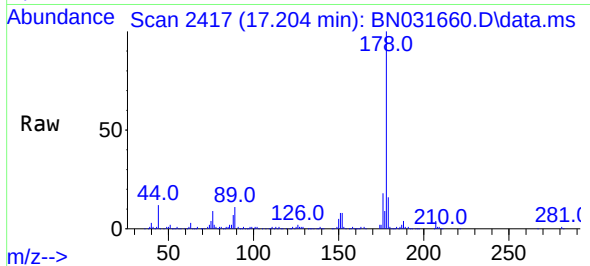




#74
Anthracene
Concen: 1.746 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

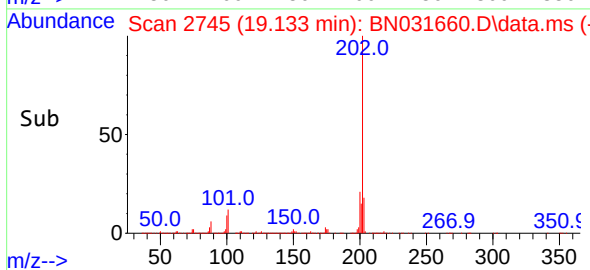
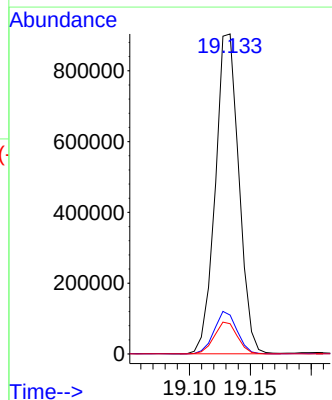
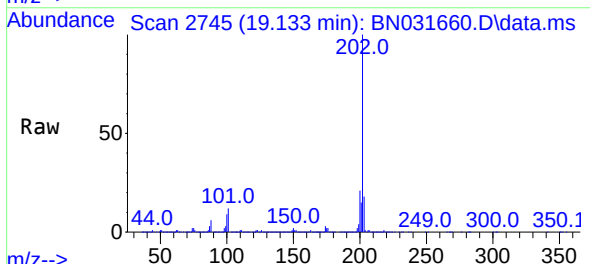
Instrument :
BNA_N
ClientSampleId :
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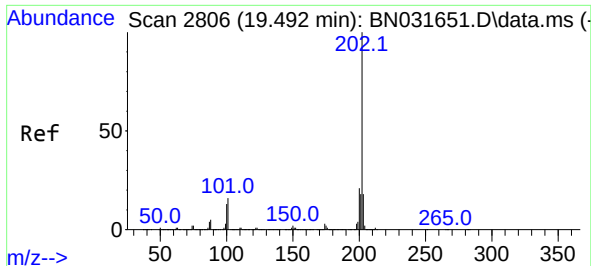
Tgt Ion:178 Resp: 119442
Ion Ratio Lower Upper
178 100
179 16.4 11.9 17.9
176 17.9 15.4 23.2



#80
Fluoranthene
Concen: 12.317 ng/ul
RT: 19.133 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:202 Resp: 1215192
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.4 8.0 12.0

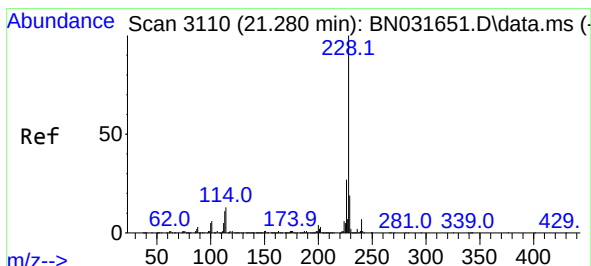
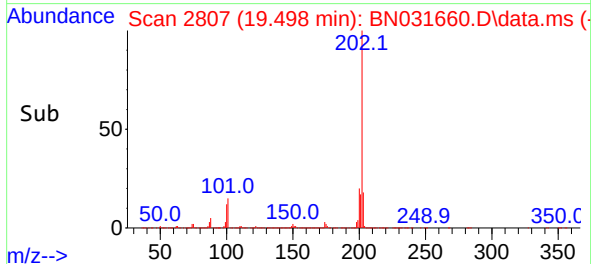
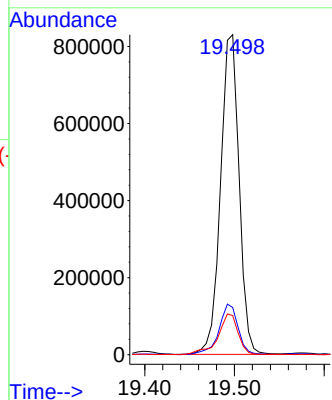
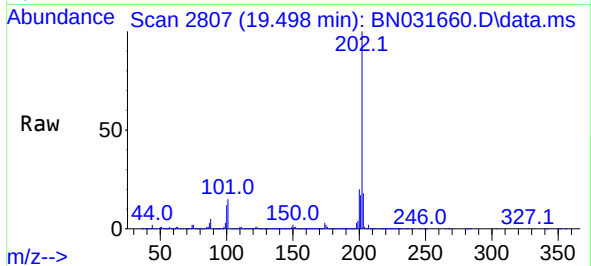




#82
Pyrene
Concen: 11.768 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

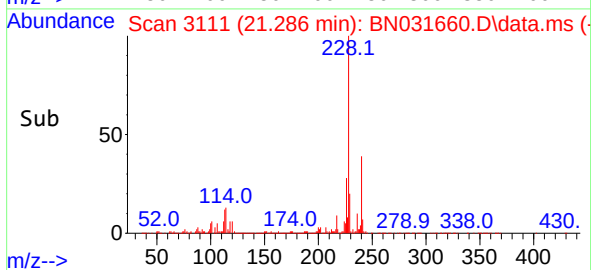
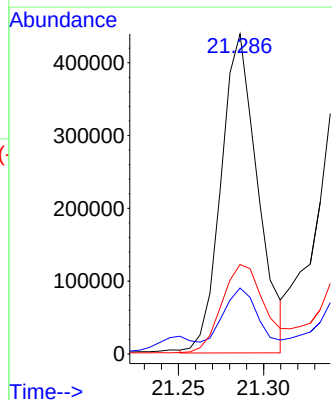
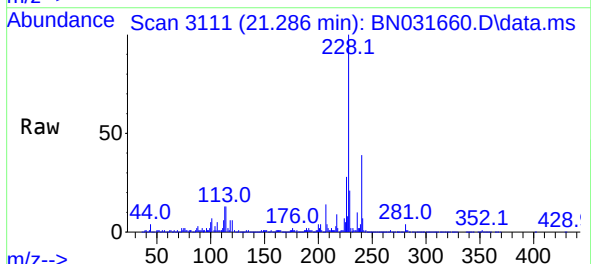
Instrument :
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ClientSampleId :
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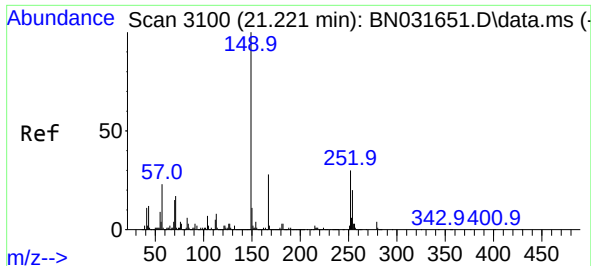
Tgt Ion:202 Resp: 1190676
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.2
100 12.2 9.3 13.9



#85
Benzo(a)anthracene
Concen: 7.664 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:228 Resp: 655857
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.0 21.9 32.9

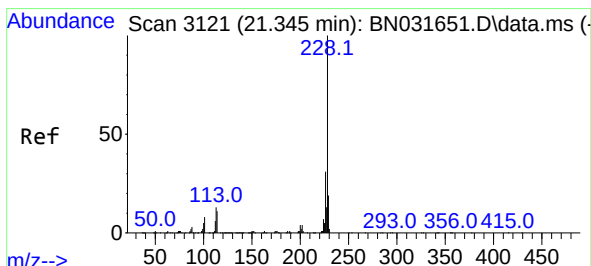
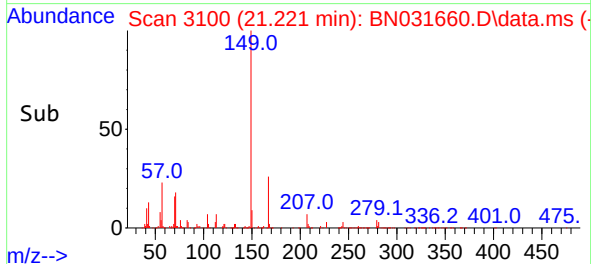
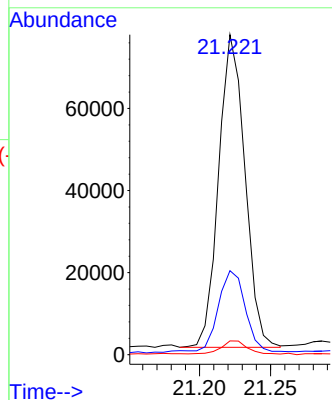
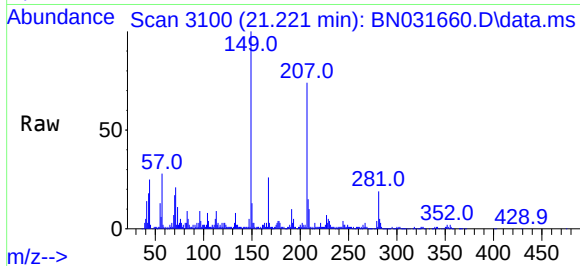




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.083 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

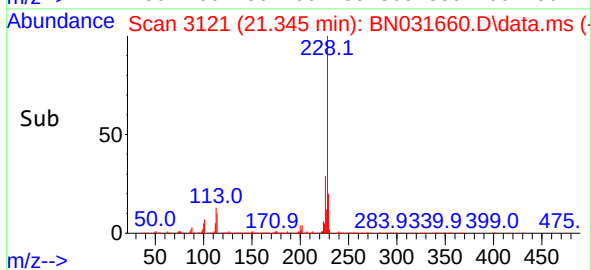
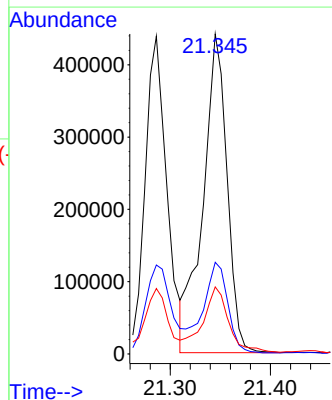
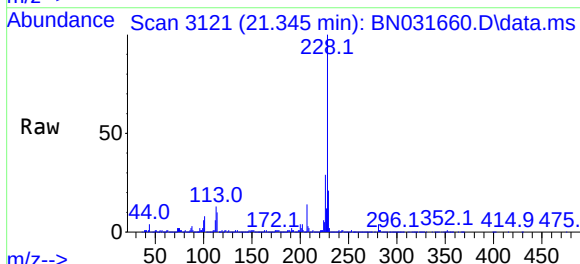
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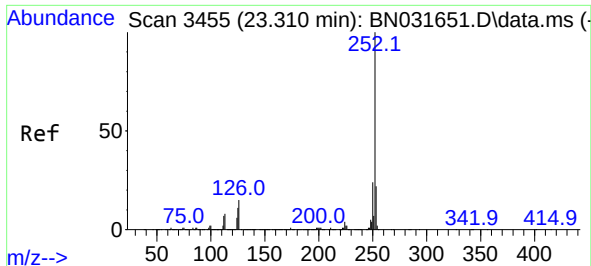
Tgt Ion:149 Resp: 97926
Ion Ratio Lower Upper
149 100
167 26.3 21.6 32.4
279 4.3 2.8 4.2#



#87
Chrysene
Concen: 9.355 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:228 Resp: 739471
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 20.9 15.2 22.8

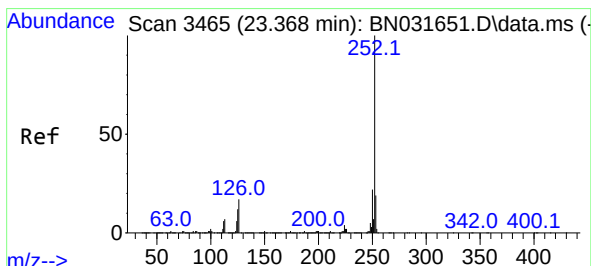
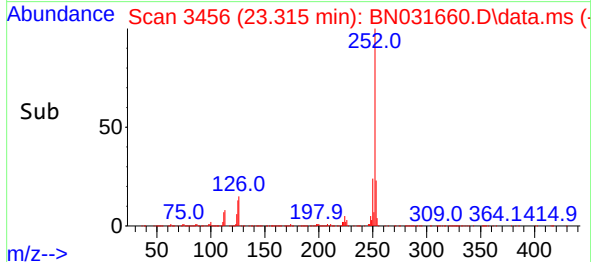
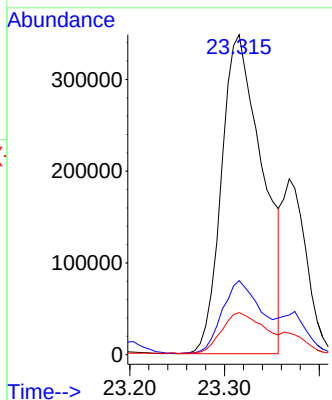
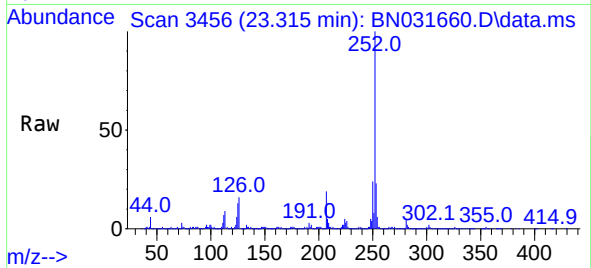




#90
Benzo(b)fluoranthene
Concen: 11.520 ng/ul
RT: 23.315 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

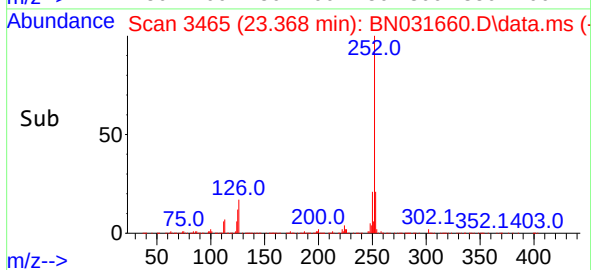
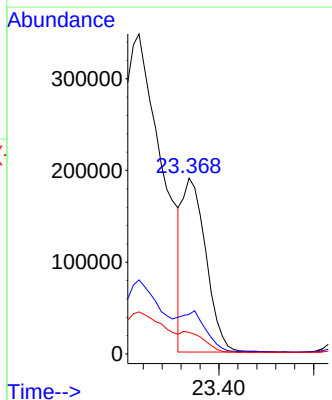
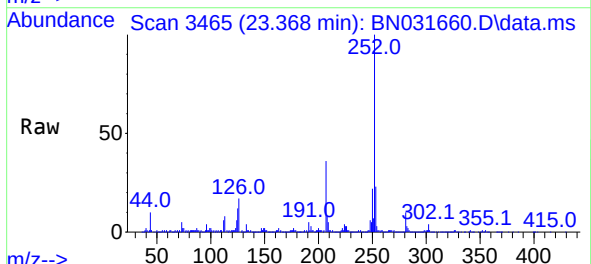
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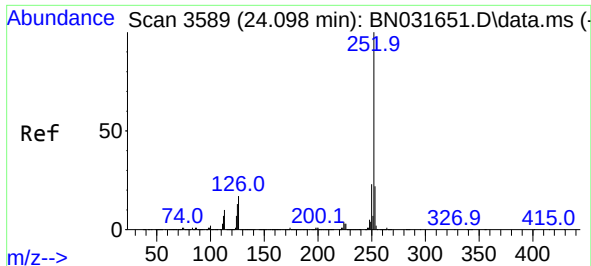
Tgt Ion:252 Resp: 1046591
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 13.1 9.3 13.9



#91
Benzo(k)fluoranthene
Concen: 3.535 ng/ul
RT: 23.368 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:252 Resp: 327361
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 12.3 9.3 13.9

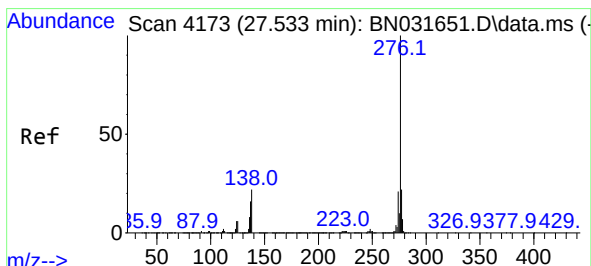
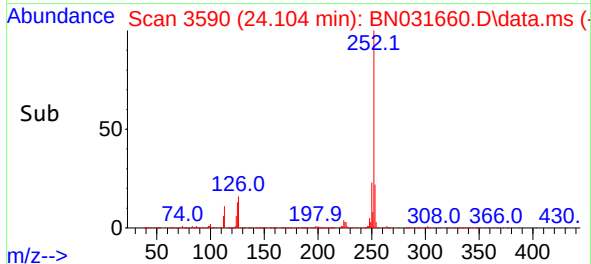
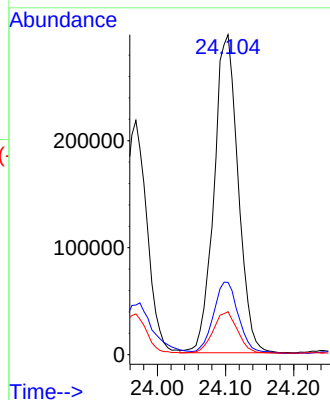
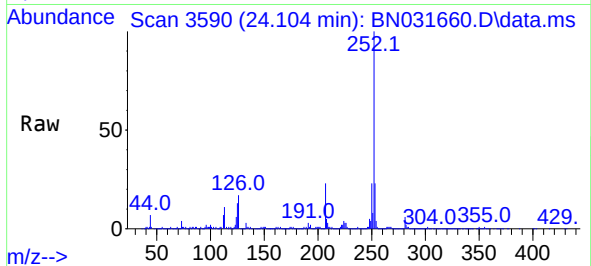




#93
Benzo(a)pyrene
Concen: 8.393 ng/u1
RT: 24.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

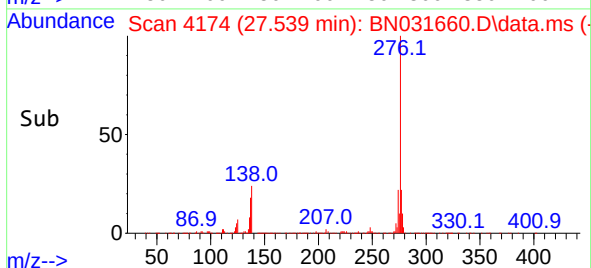
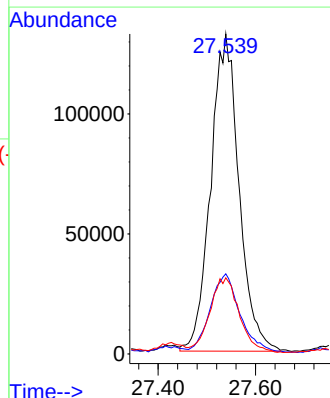
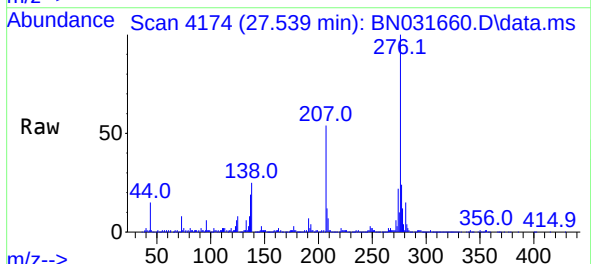
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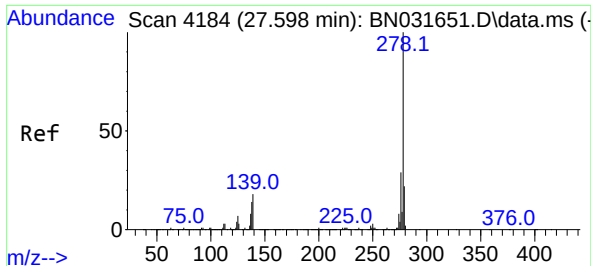
Tgt Ion:252 Resp: 732430
Ion Ratio Lower Upper
252 100
253 22.6 16.6 24.8
125 13.4 9.8 14.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.091 ng/u1
RT: 27.539 min Scan# 4174
Delta R.T. 0.006 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:276 Resp: 533233
Ion Ratio Lower Upper
276 100
138 25.1 19.8 29.6
277 23.8 18.2 27.4

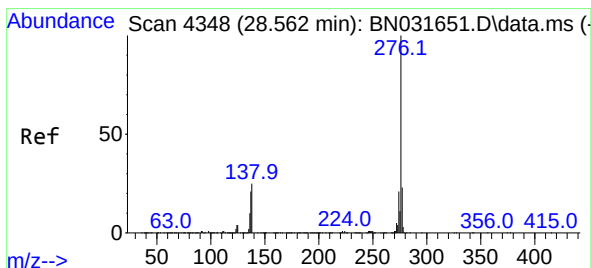
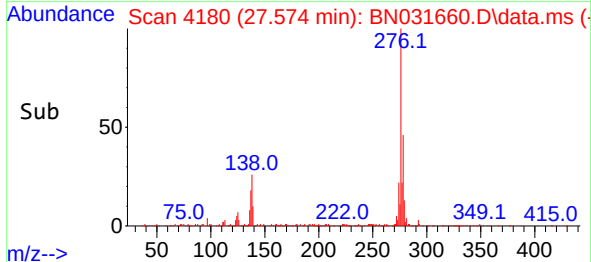
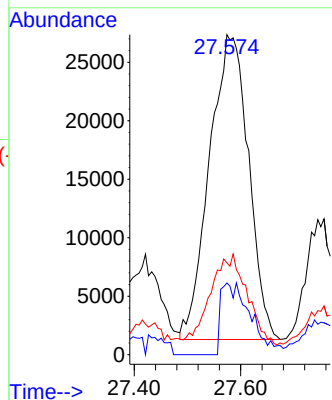
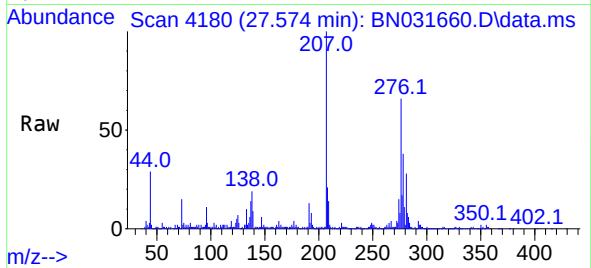




#95
Dibenzo(a,h)anthracene
Concen: 1.539 ng/ul
RT: 27.574 min Scan# 4180
Delta R.T. -0.018 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Instrument :
BNA_N
ClientSampleId :
BH609

Tgt Ion:278 Resp: 132703
Ion Ratio Lower Upper
278 100
139 22.4 15.2 22.8
279 28.7 18.4 27.6#



#96
Benzo(g,h,i)perylene
Concen: 6.077 ng/ul
RT: 28.562 min Scan# 4348
Delta R.T. 0.006 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:276 Resp: 525831
Ion Ratio Lower Upper
276 100
138 25.4 19.5 29.3
277 23.0 17.6 26.4

