

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031663.D
 Acq On : 24 May 2024 16:19
 Operator : MA/JU
 Sample : P2548-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH611

Quant Time: May 24 22:43:33 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

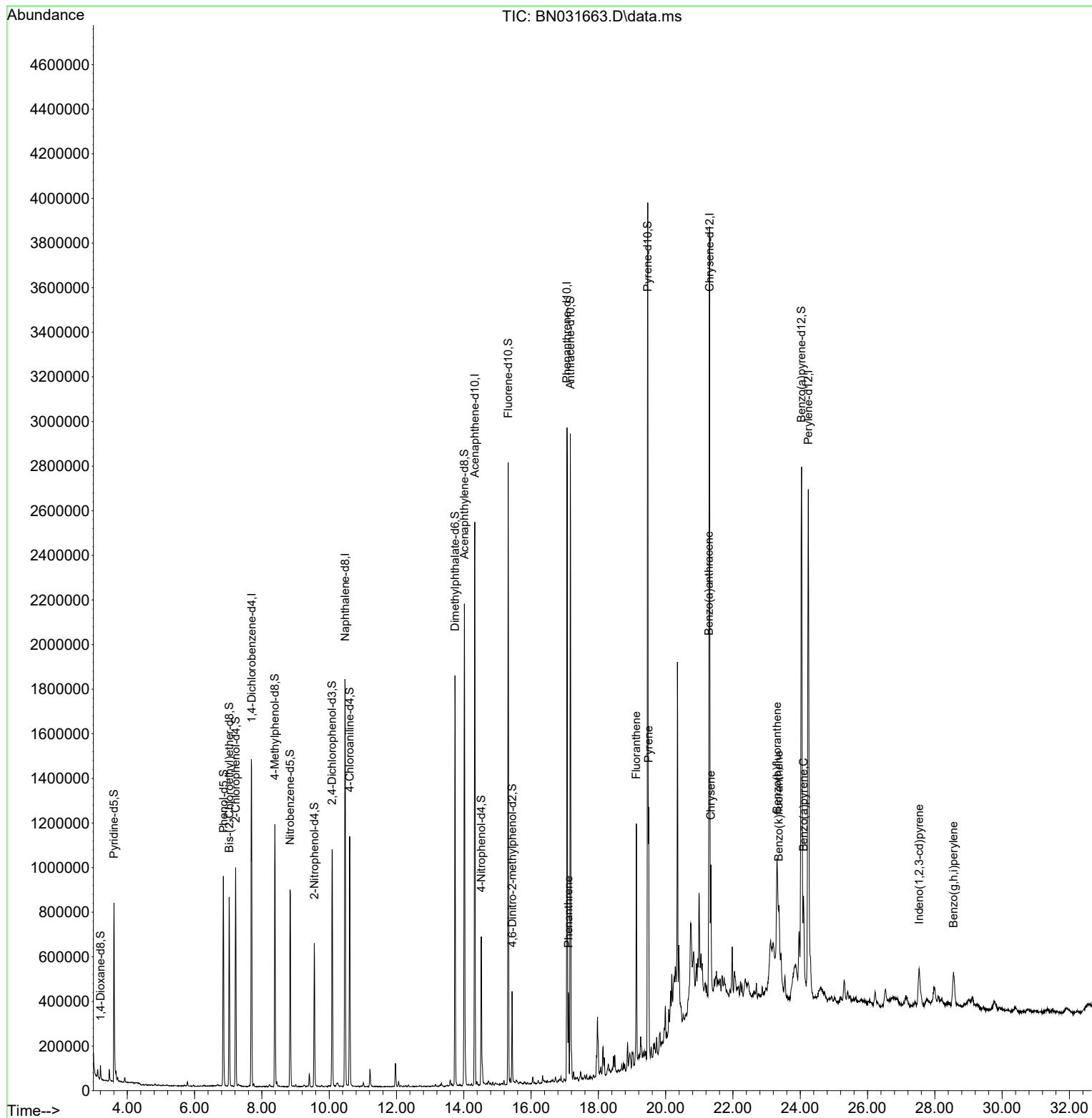
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	412687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1591548	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	880971	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1740244	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1659542	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1983205	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	32436	3.115	ng/uL	0.00
4) Pyridine-d5	3.605	84	446701	15.374	ng/ul	0.00
7) Phenol-d5	6.858	99	593068	17.458	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	351343	17.244	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	474158	18.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	449057	17.075	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	223759	18.577	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	211779	18.412	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	408766	18.176	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	614399	18.952	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1188654	21.410	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1454853	20.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	157772	15.019	ng/ul	0.00
60) Fluorene-d10	15.322	176	1043674	21.692	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	78311	10.408	ng/ul	0.00
73) Anthracene-d10	17.169	188	1574215	21.369	ng/ul	0.00
81) Pyrene-d10	19.469	212	1949377	18.727	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2092330	22.413	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	235467	2.666	ng/ul	100
80) Fluoranthene	19.127	202	617679	4.801	ng/ul	100
82) Pyrene	19.492	202	604481	4.581	ng/ul	97
85) Benzo(a)anthracene	21.286	228	349563	3.132	ng/ul	94
87) Chrysene	21.345	228	360675	3.499	ng/ul	94
90) Benzo(b)fluoranthene	23.310	252	478616	4.136	ng/ul	97
91) Benzo(k)fluoranthene	23.363	252	176603	1.497	ng/ul	97
93) Benzo(a)pyrene	24.098	252	364018	3.274	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	248393	1.862	ng/ul	95
96) Benzo(g,h,i)perylene	28.556	276	238169	2.161	ng/ul	96

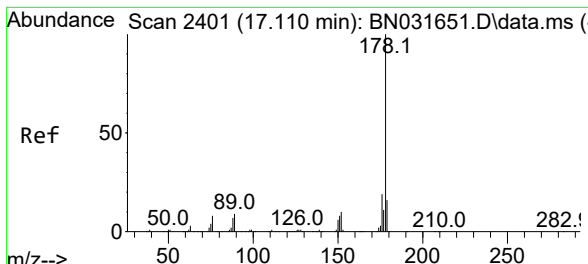
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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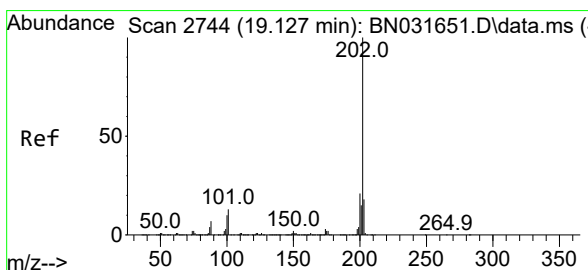
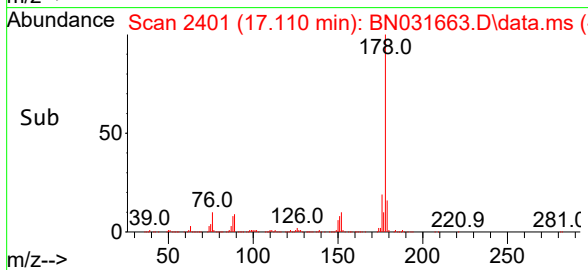
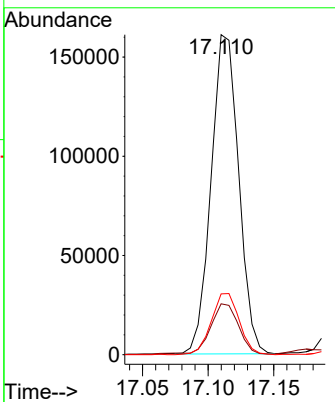
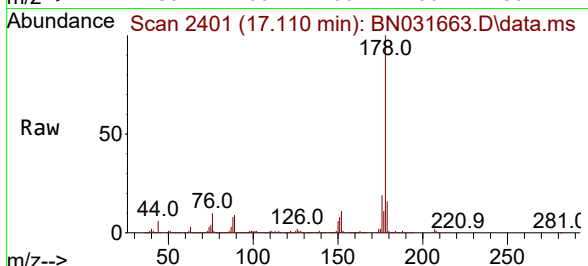


#72
 Phenanthrene
 Concen: 2.666 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031663.D
 Acq: 24 May 2024 16:19

Instrument :
 BNA_N
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Tgt Ion:178 Resp: 235467

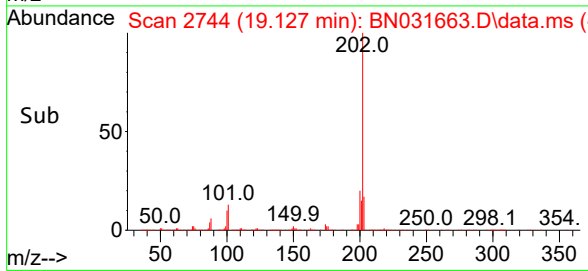
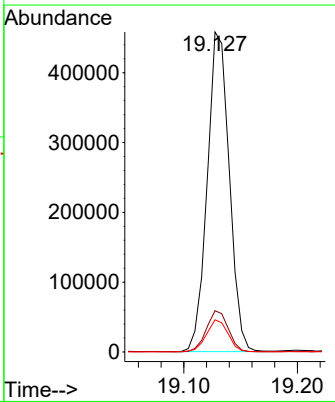
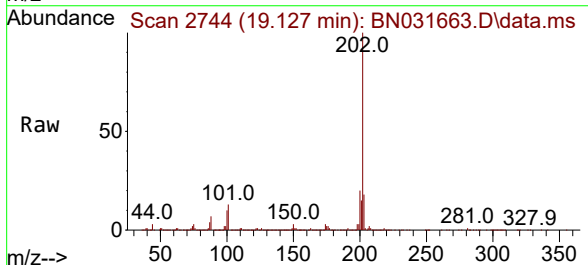
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.0	15.2	22.8

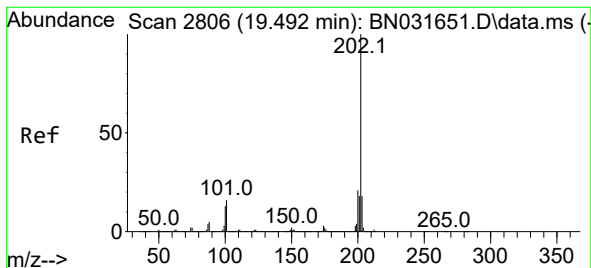


#80
 Fluoranthene
 Concen: 4.801 ng/ul
 RT: 19.127 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031663.D
 Acq: 24 May 2024 16:19

Tgt Ion:202 Resp: 617679

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.1	15.1
100	10.1	8.0	12.0





#82

Pyrene

Concen: 4.581 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Instrument :

BNA_N

ClientSampleId :

BH611

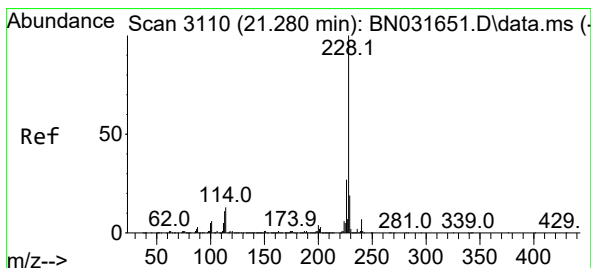
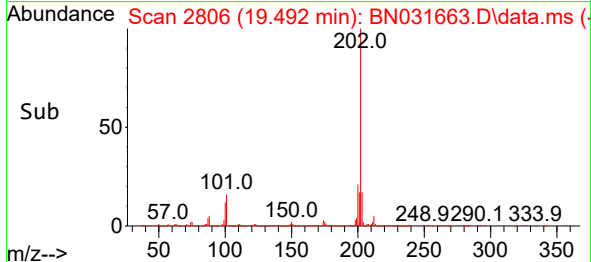
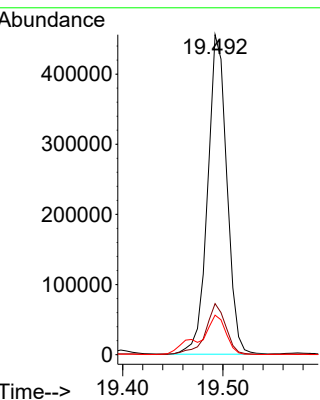
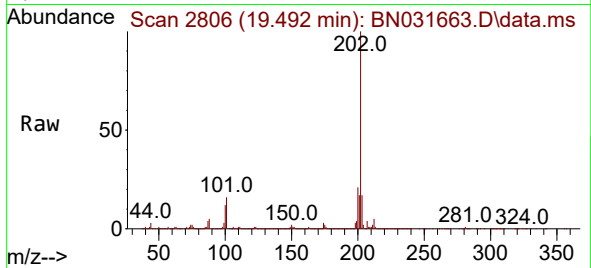
Tgt Ion:202 Resp: 604481

Ion Ratio Lower Upper

202 100

101 16.0 11.4 17.2

100 12.3 9.3 13.9



#85

Benzo(a)anthracene

Concen: 3.132 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

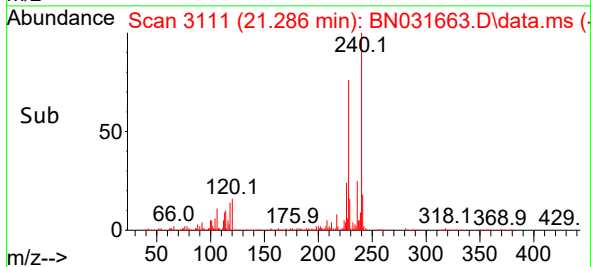
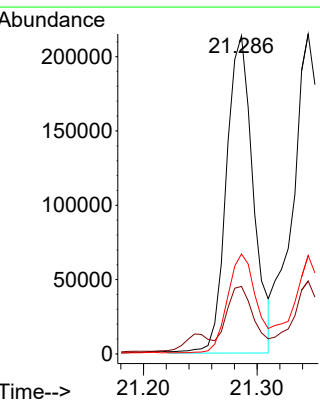
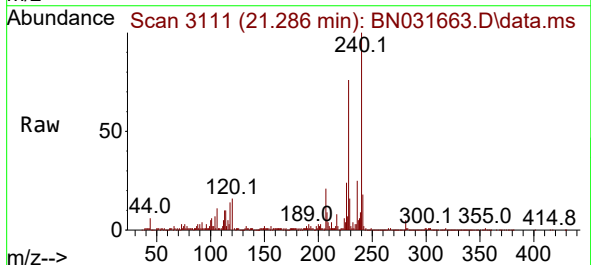
Tgt Ion:228 Resp: 349563

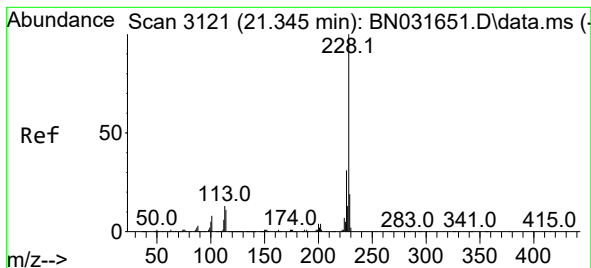
Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

226 31.4 21.9 32.9





#87

Chrysene

Concen: 3.499 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Instrument :

BNA_N

ClientSampleId :

BH611

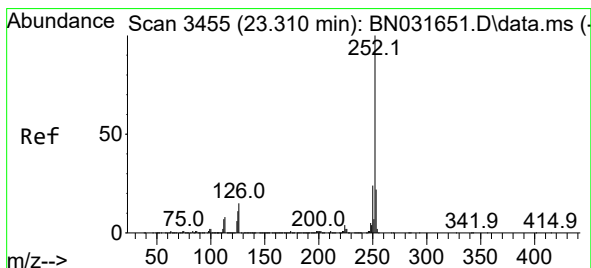
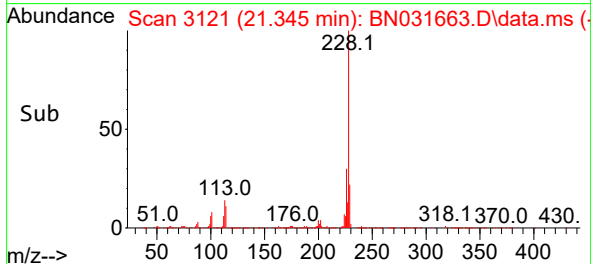
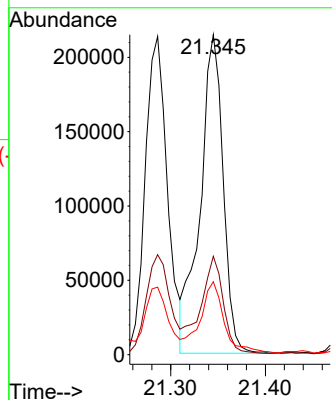
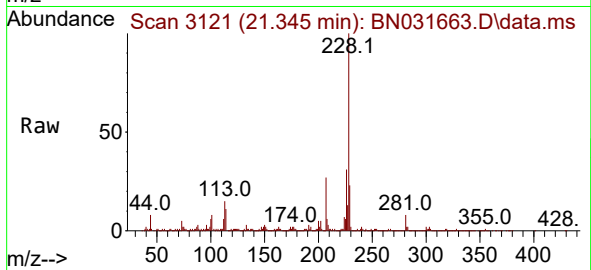
Tgt Ion:228 Resp: 360675

Ion Ratio Lower Upper

228 100

226 30.8 22.9 34.3

229 22.8 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 4.136 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

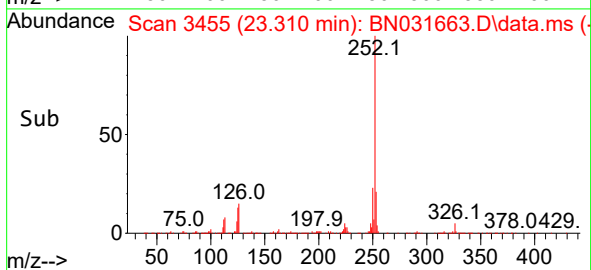
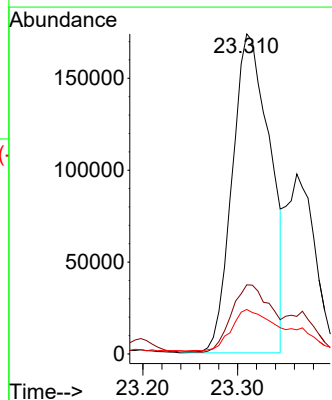
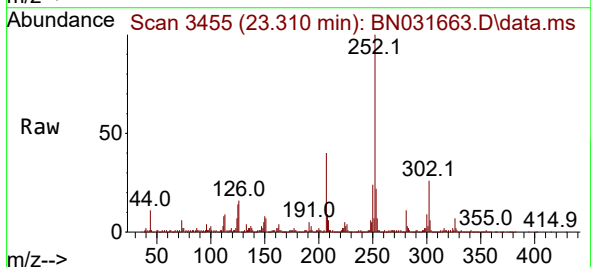
Tgt Ion:252 Resp: 478616

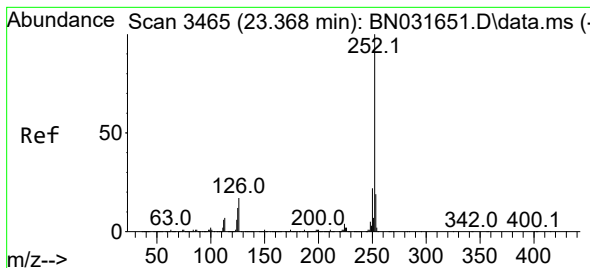
Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

125 13.9 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 1.497 ng/ul

RT: 23.363 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Instrument :

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ClientSampleId :

BH611

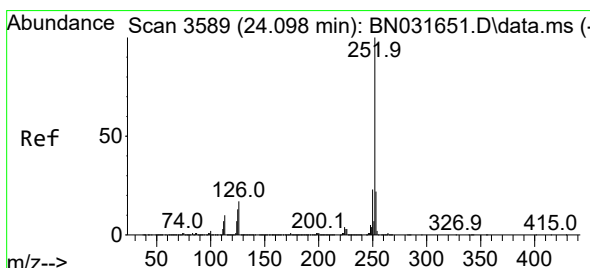
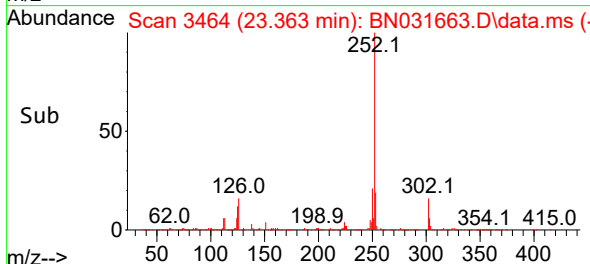
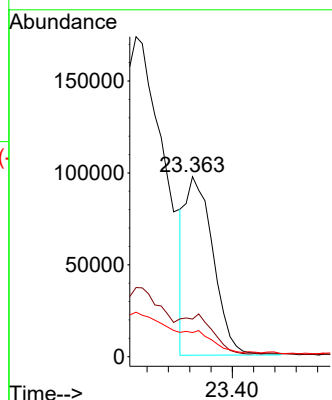
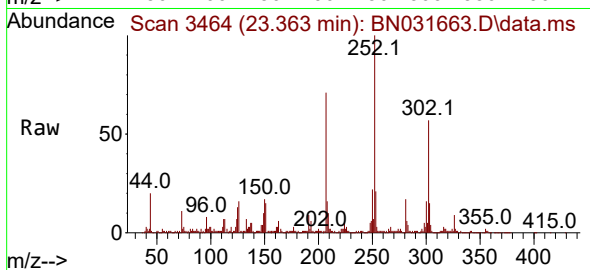
Tgt Ion:252 Resp: 176603

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

125 13.5 9.3 13.9



#93

Benzo(a)pyrene

Concen: 3.274 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

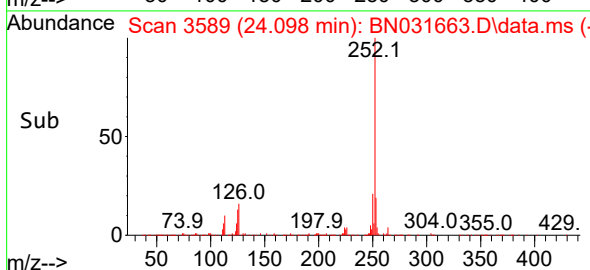
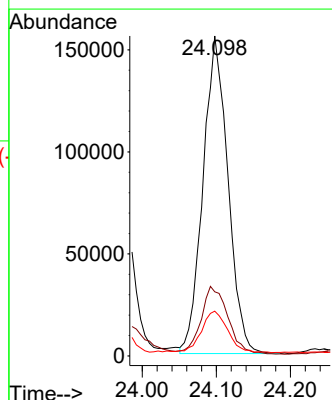
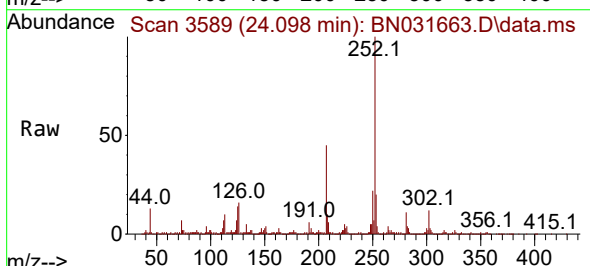
Tgt Ion:252 Resp: 364018

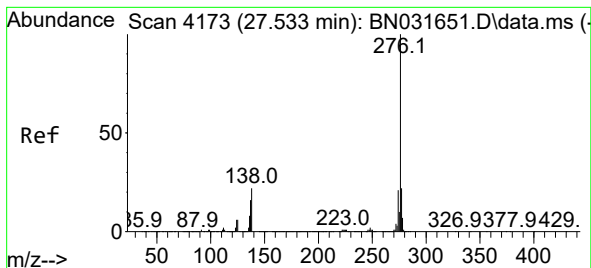
Ion Ratio Lower Upper

252 100

253 20.1 16.6 24.8

125 14.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.862 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. 0.000 min

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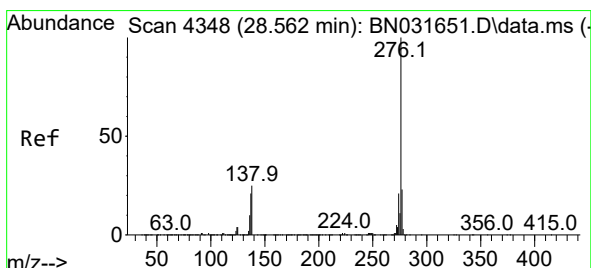
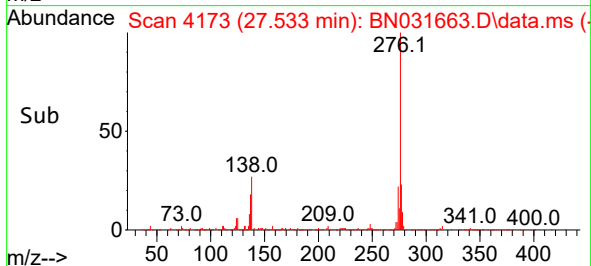
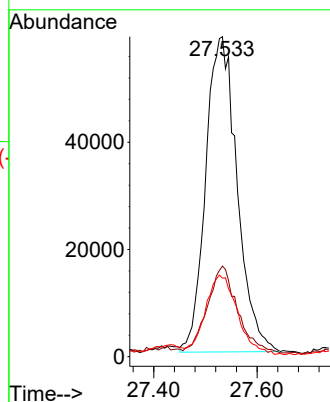
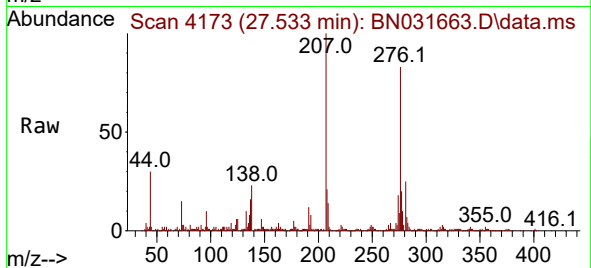
Tgt Ion:276 Resp: 248393

Ion Ratio Lower Upper

276 100

138 28.3 19.8 29.6

277 24.6 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 2.161 ng/ul

RT: 28.556 min Scan# 4347

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Tgt Ion:276 Resp: 238169

Ion Ratio Lower Upper

276 100

138 24.4 19.5 29.3

277 26.0 17.6 26.4

