

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031657.D
 Acq On : 24 May 2024 12:21
 Operator : MA/JU
 Sample : P2548-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH608

Quant Time: May 24 22:42:14 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

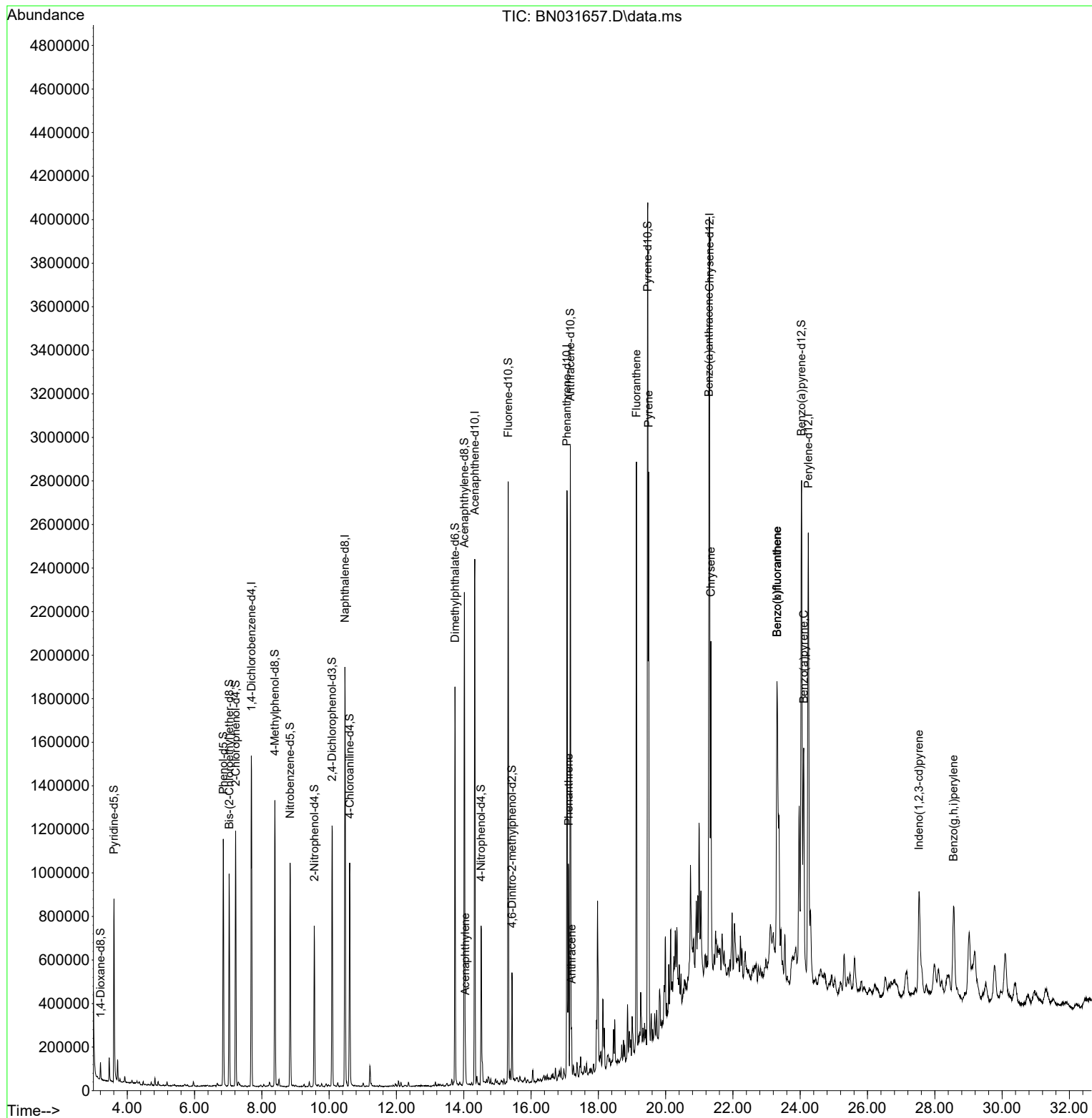
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	421639	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1580161	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	853941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1630206	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1487203	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1861284	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	41709	3.921	ng/uL	0.00
4) Pyridine-d5	3.605	84	466741	15.723	ng/ul	0.00
7) Phenol-d5	6.852	99	692973	19.965	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	418903	20.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	569408	21.290	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	509025	18.944	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	254437	21.276	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	243510	21.323	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	453676	20.318	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	580294	18.029	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1170951	21.759	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1492073	22.121	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	171002	16.794	ng/ul	0.00
60) Fluorene-d10	15.322	176	1067315	22.885	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	97806	13.877	ng/ul	0.00
73) Anthracene-d10	17.169	188	1601275	23.203	ng/ul	0.00
81) Pyrene-d10	19.463	212	1848624	19.817	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2027805	23.145	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	119559	1.536	ng/ul	99
72) Phenanthrene	17.116	178	574099	6.939	ng/ul	99
74) Anthracene	17.204	178	135624	1.634	ng/ul	97
80) Fluoranthene	19.133	202	1632645	14.159	ng/ul	99
82) Pyrene	19.492	202	1550390	13.111	ng/ul	96
85) Benzo(a)anthracene	21.286	228	884742	8.847	ng/ul	98
87) Chrysene	21.345	228	931735	10.086	ng/ul	96
90) Benzo(b)fluoranthene	23.310	252	1440699	13.264	ng/ul	97
91) Benzo(k)fluoranthene	23.310	252	1440699	13.012	ng/ul	98
93) Benzo(a)pyrene	24.104	252	961734	9.218	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.527	276	719046	5.742	ng/ul	98
96) Benzo(g,h,i)perylene	28.556	276	689400	6.664	ng/ul	97

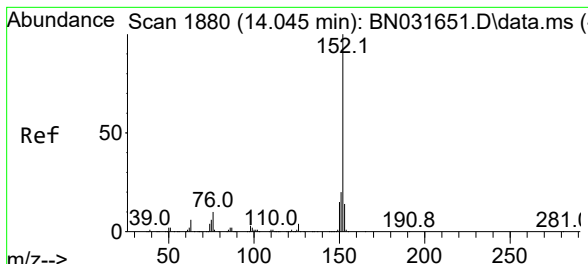
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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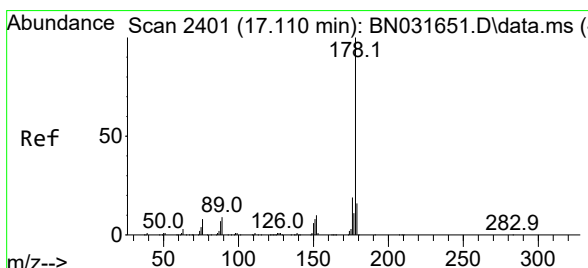
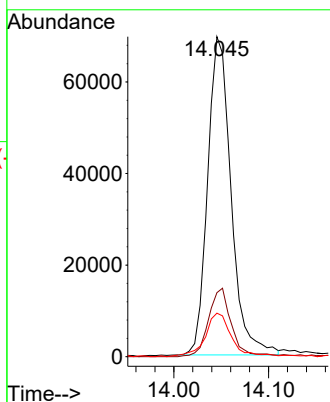
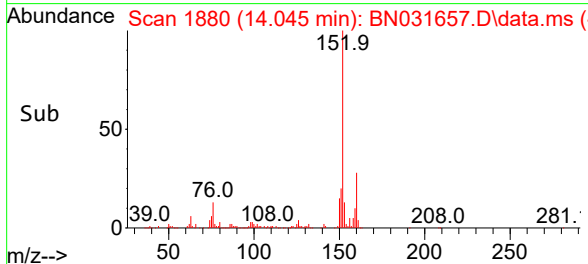
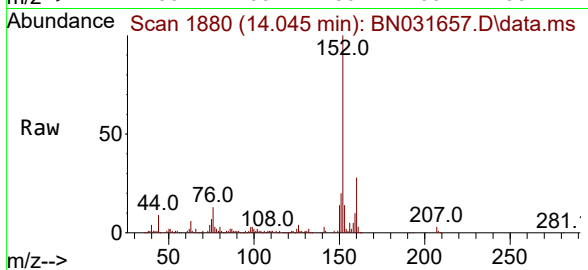




#50
 Acenaphthylene
 Concen: 1.536 ng/ul
 RT: 14.045 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN031657.D
 Acq: 24 May 2024 12:21

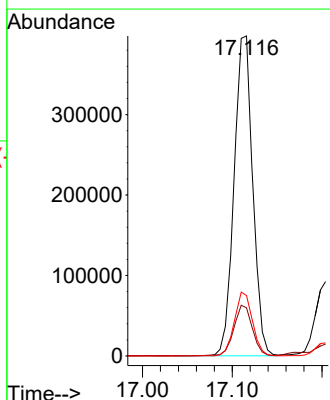
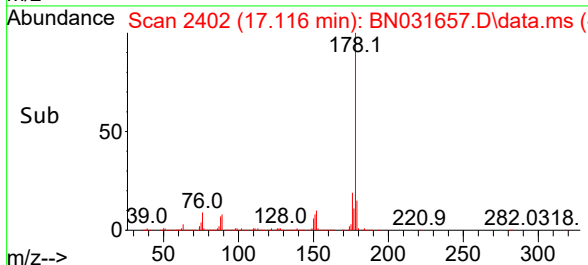
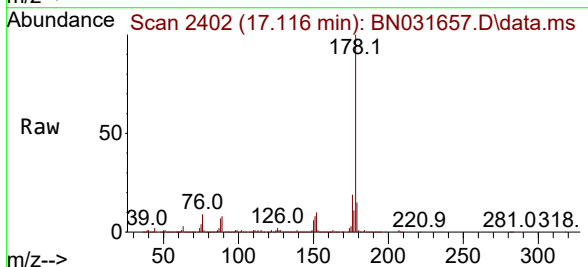
Instrument :
 BNA_N
 ClientSampleId :
 BH608

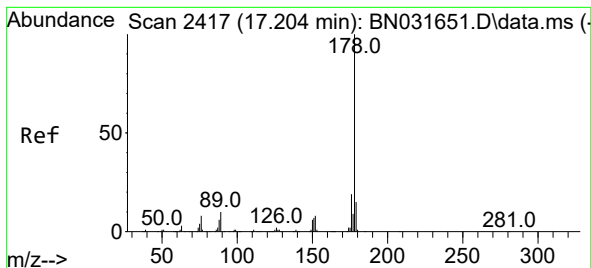
Tgt Ion:	152	Resp:	119559
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.6	23.4
153	13.6	10.8	16.2



#72
 Phenanthrene
 Concen: 6.939 ng/ul
 RT: 17.116 min Scan# 2402
 Delta R.T. 0.000 min
 Lab File: BN031657.D
 Acq: 24 May 2024 12:21

Tgt Ion:	178	Resp:	574099
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	18.8
176	18.9	15.2	22.8





#74

Anthracene

Concen: 1.634 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

Instrument :

BNA_N

ClientSampleId :

BH608

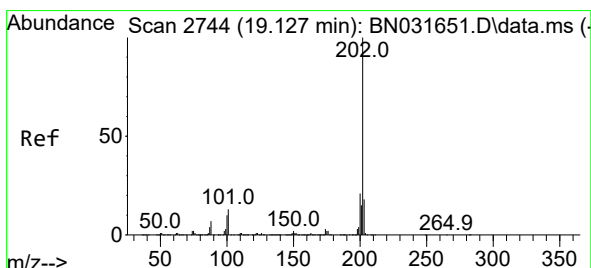
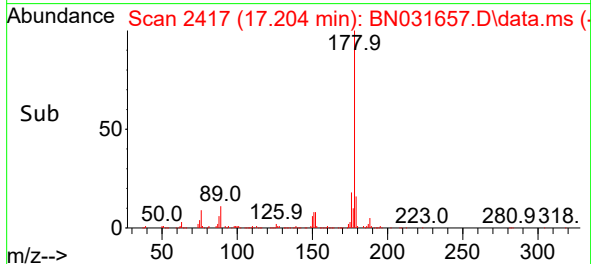
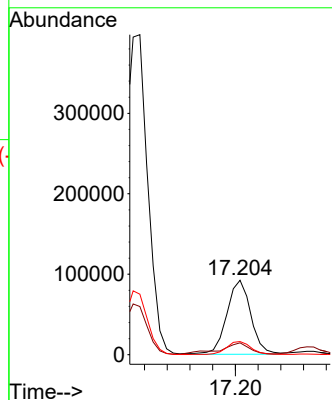
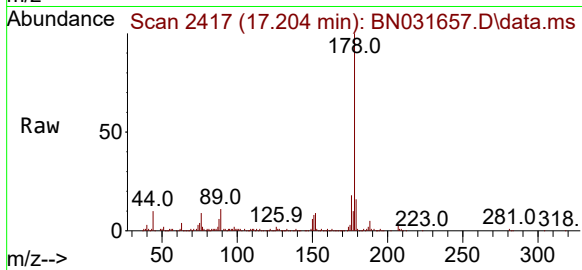
Tgt Ion:178 Resp: 135624

Ion Ratio Lower Upper

178 100

179 15.9 11.9 17.9

176 17.7 15.4 23.2



#80

Fluoranthene

Concen: 14.159 ng/ul

RT: 19.133 min Scan# 2745

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

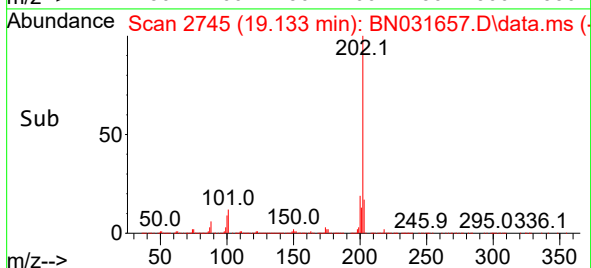
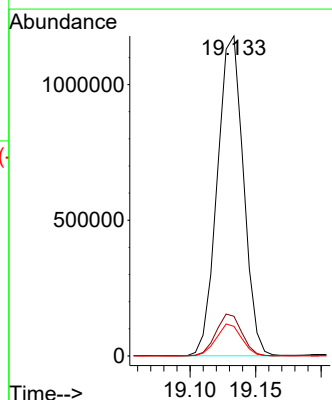
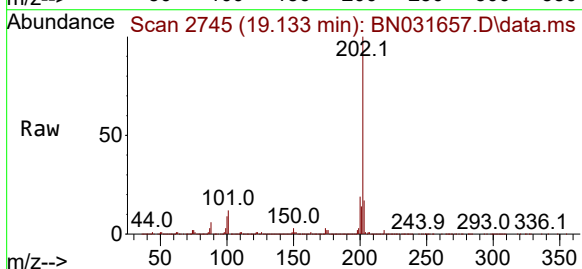
Tgt Ion:202 Resp: 1632645

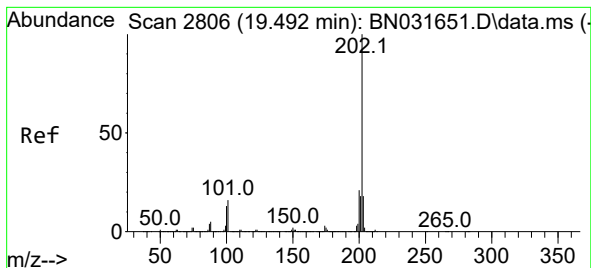
Ion Ratio Lower Upper

202 100

101 12.4 10.1 15.1

100 9.3 8.0 12.0





#82

Pyrene

Concen: 13.111 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.006 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

Instrument :

BNA_N

ClientSampleId :

BH608

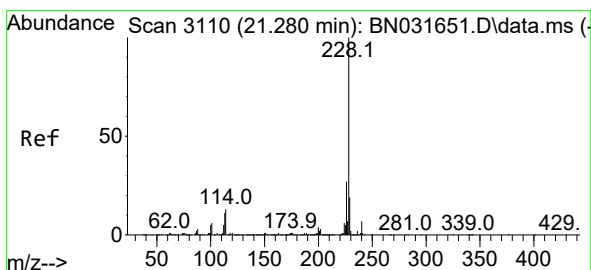
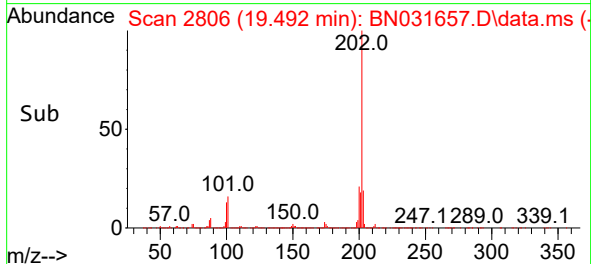
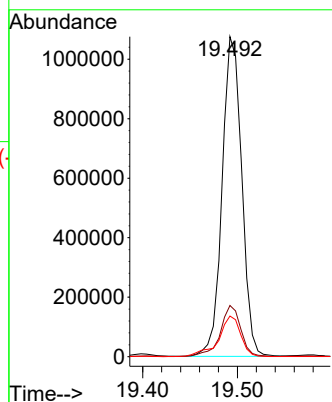
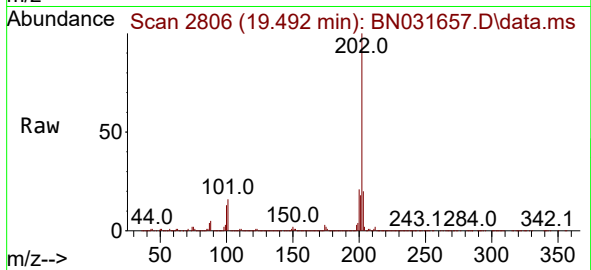
Tgt Ion:202 Resp: 1550390

Ion Ratio Lower Upper

202 100

101 16.0 11.4 17.2

100 12.7 9.3 13.9



#85

Benzo(a)anthracene

Concen: 8.847 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

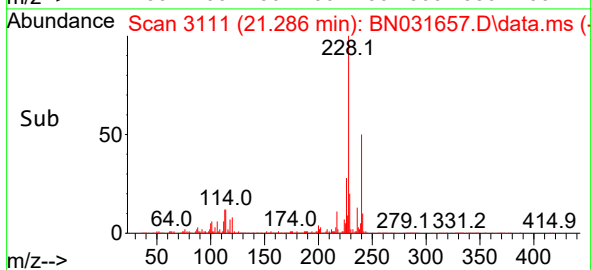
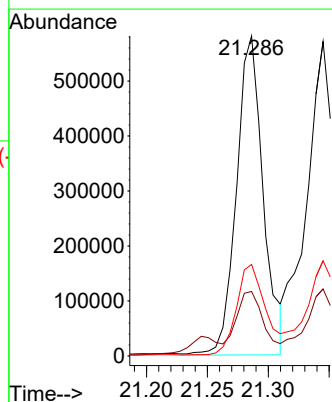
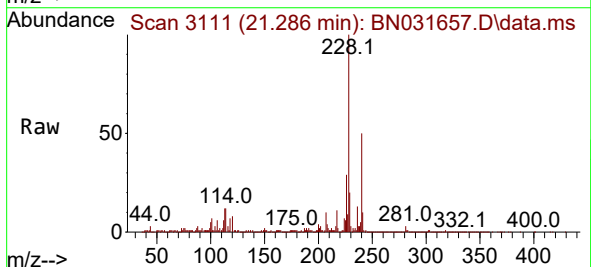
Tgt Ion:228 Resp: 884742

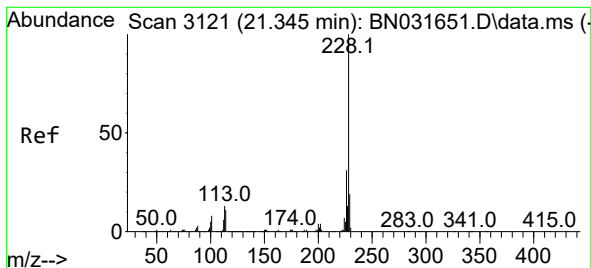
Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 28.6 21.9 32.9





#87

Chrysene

Concen: 10.086 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

Instrument :

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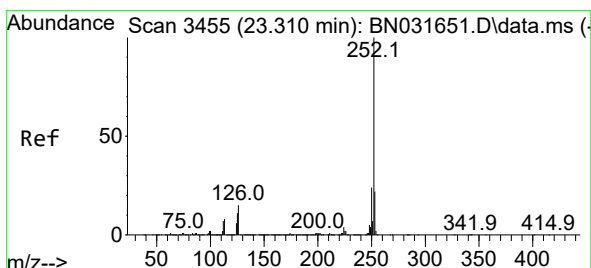
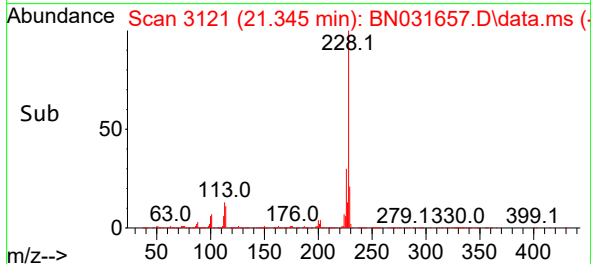
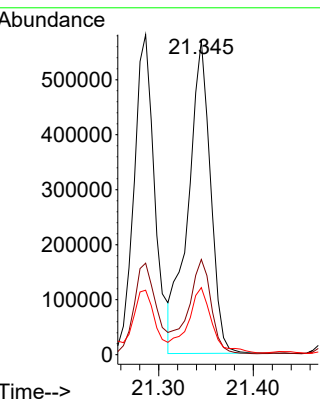
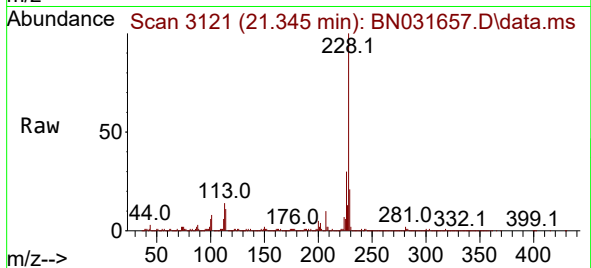
Tgt Ion:228 Resp: 931735

Ion Ratio Lower Upper

228 100

226 30.3 22.9 34.3

229 21.3 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 13.264 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

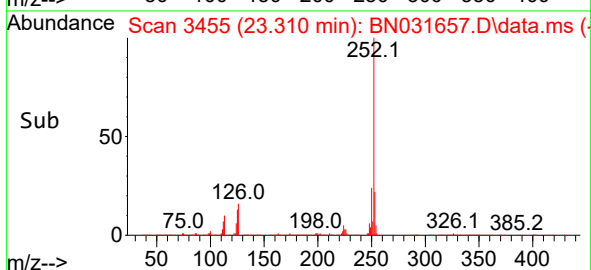
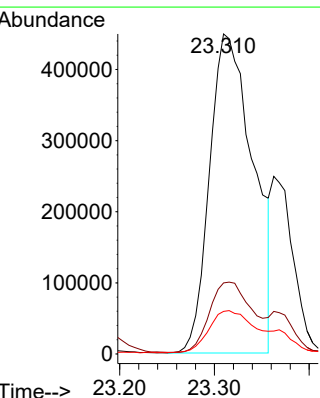
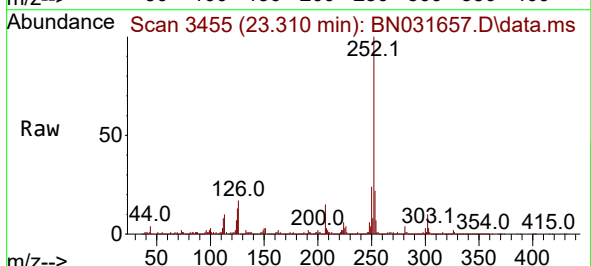
Tgt Ion:252 Resp: 1440699

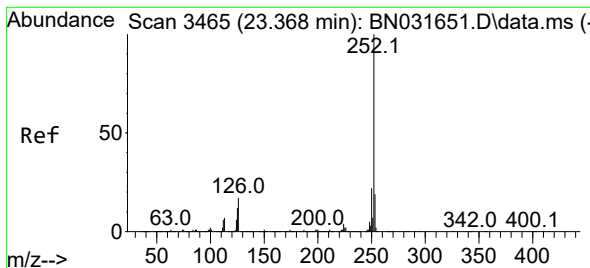
Ion Ratio Lower Upper

252 100

253 22.2 16.8 25.2

125 13.3 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 13.012 ng/ul

RT: 23.310 min Scan# 3465

Delta R.T. -0.059 min

Lab File: BN031657.D

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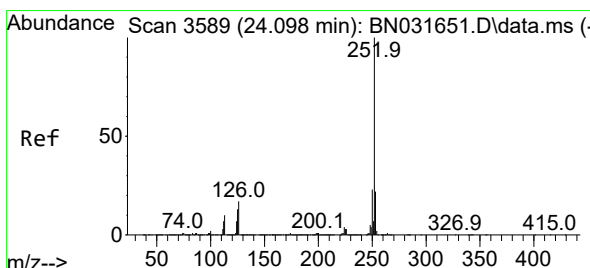
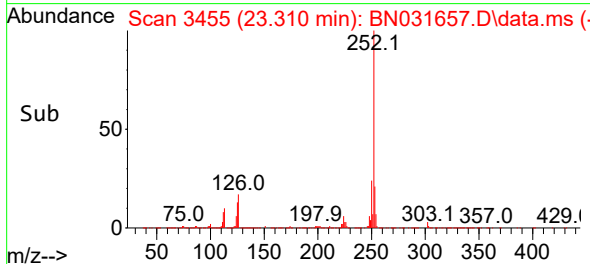
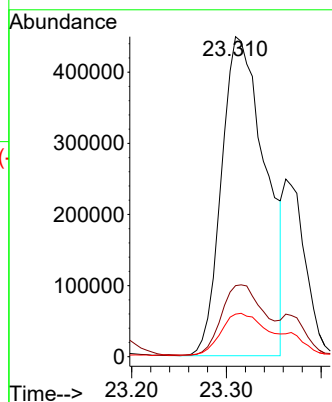
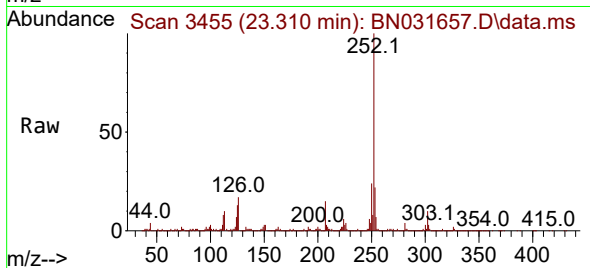
Tgt Ion:252 Resp: 1440699

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 13.3 9.3 13.9



#93

Benzo(a)pyrene

Concen: 9.218 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

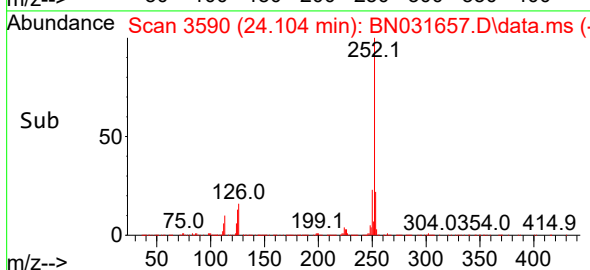
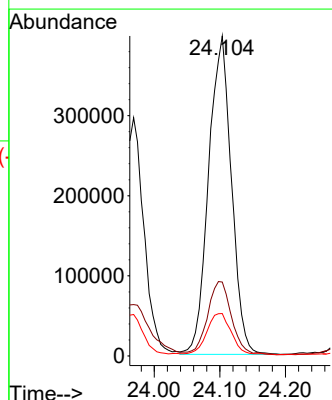
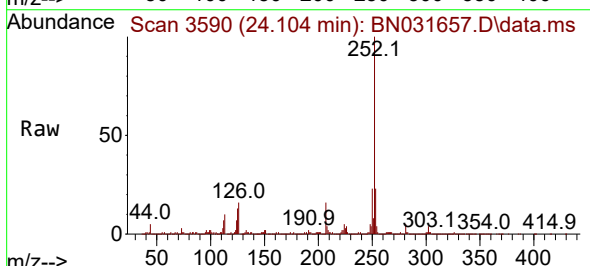
Tgt Ion:252 Resp: 961734

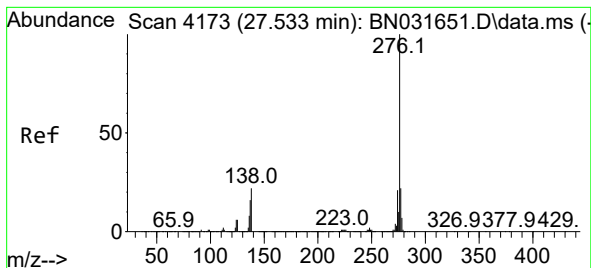
Ion Ratio Lower Upper

252 100

253 23.1 16.6 24.8

125 13.2 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.742 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

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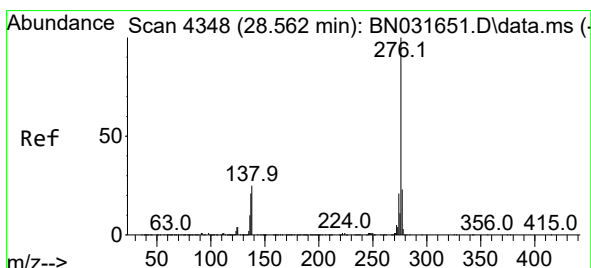
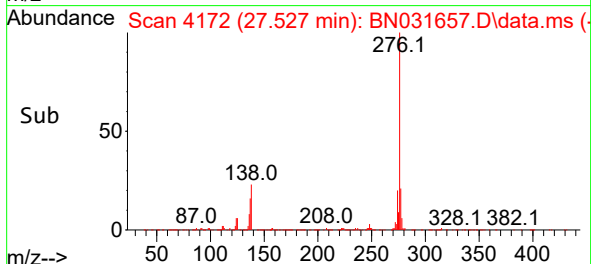
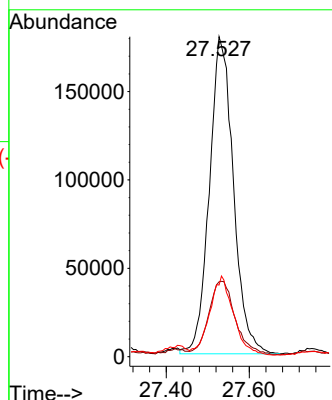
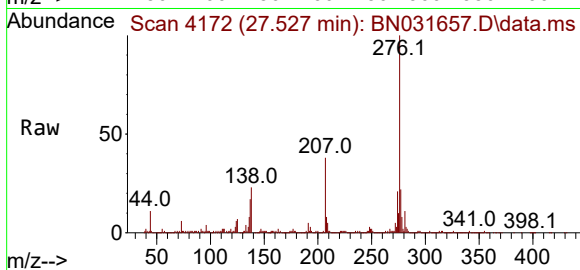
Tgt Ion:276 Resp: 719046

Ion Ratio Lower Upper

276 100

138 23.4 19.8 29.6

277 22.4 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 6.664 ng/ul

RT: 28.556 min Scan# 4347

Delta R.T. 0.000 min

Lab File: BN031657.D

Acq: 24 May 2024 12:21

Tgt Ion:276 Resp: 689400

Ion Ratio Lower Upper

276 100

138 25.8 19.5 29.3

277 23.3 17.6 26.4

