

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031154.D
 Acq On : 23 Apr 2024 14:18
 Operator : MA/JU
 Sample : P2164-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0S99

Quant Time: Apr 23 22:40:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

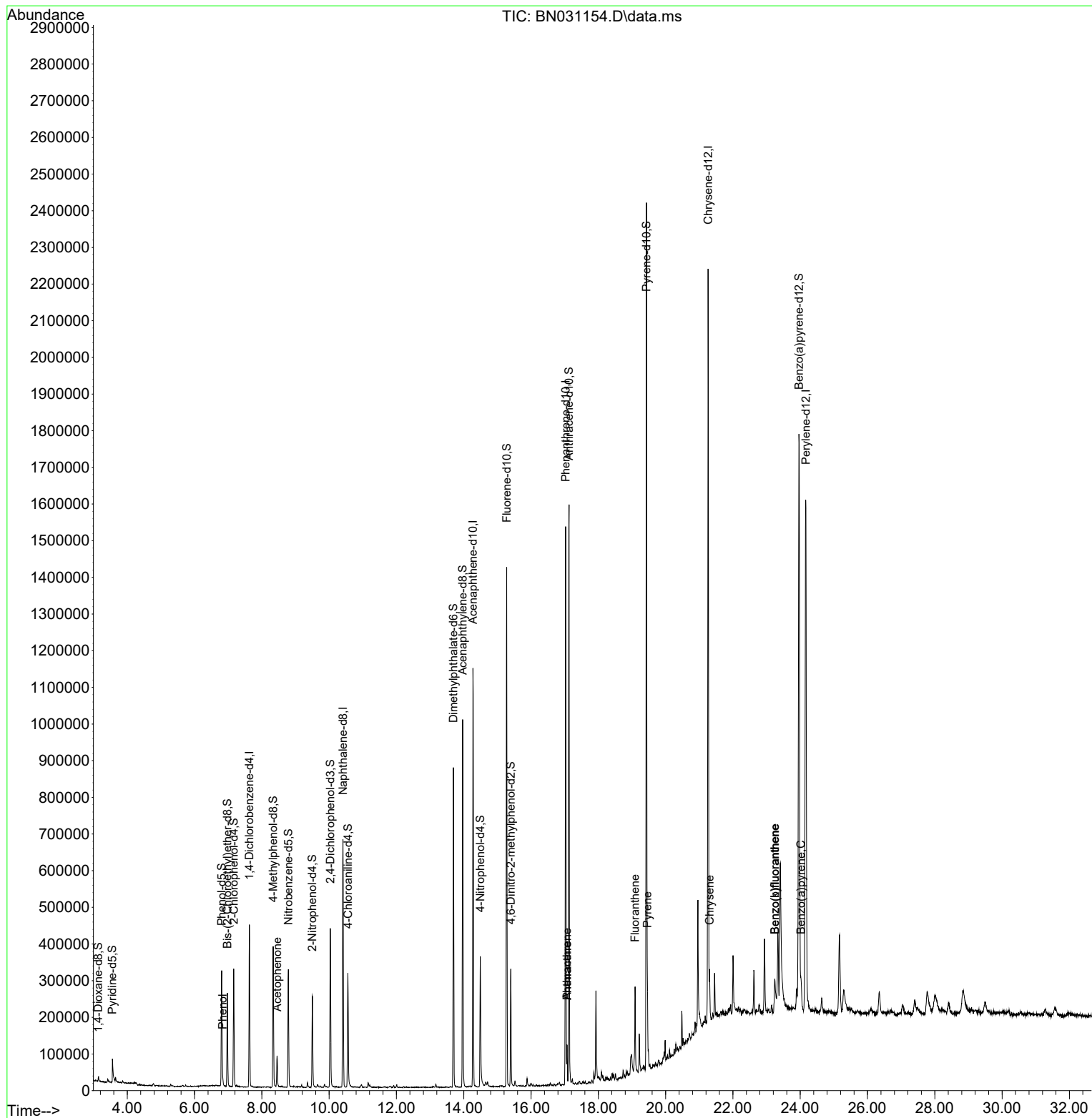
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	121226	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	557721	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	383622	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	865203	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1000193	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	1192966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	8200	3.160	ng/uL	0.00
4) Pyridine-d5	3.558	84	38256	5.120	ng/ul	0.00
7) Phenol-d5	6.805	99	183392	17.933	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	110752	18.615	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	147030	18.466	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	143843	16.726	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	77463	19.331	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	77215	18.537	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	155337	18.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	169597	13.212	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	559703	20.966	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	639084	21.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	84371	15.142	ng/ul	0.00
60) Fluorene-d10	15.275	176	521898	22.458	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	58843	13.480	ng/ul	0.00
73) Anthracene-d10	17.128	188	849700	22.658	ng/ul	0.00
81) Pyrene-d10	19.428	212	1198022	24.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1415429	25.020	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	11220	1.064	ng/ul	97
16) Acetophenone	8.452	105	46252	3.471	ng/ul	99
72) Phenanthrene	17.069	178	49607	1.084	ng/ul	98
74) Anthracene	17.069	178	49680	1.073	ng/ul	98
80) Fluoranthene	19.092	202	118034	2.029	ng/ul	98
82) Pyrene	19.457	202	136194	2.228	ng/ul	99
87) Chrysene	21.304	228	76311	1.184	ng/ul	98
90) Benzo(b)fluoranthene	23.245	252	97709	1.456	ng/ul	96
91) Benzo(k)fluoranthene	23.245	252	97709	1.447	ng/ul	96
93) Benzo(a)pyrene	24.021	252	67123	1.002	ng/ul	96

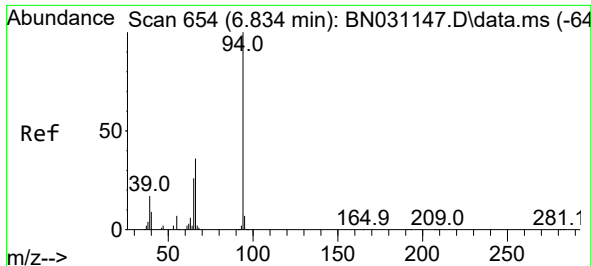
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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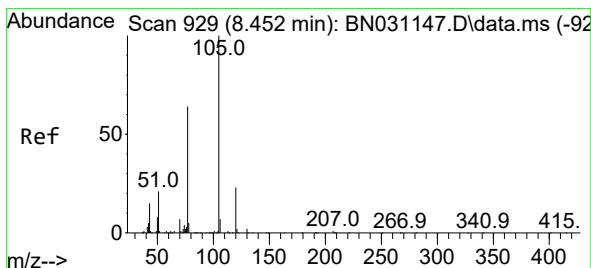
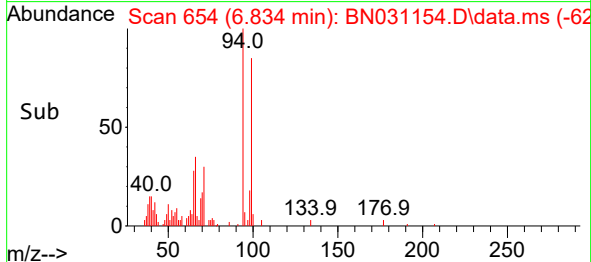
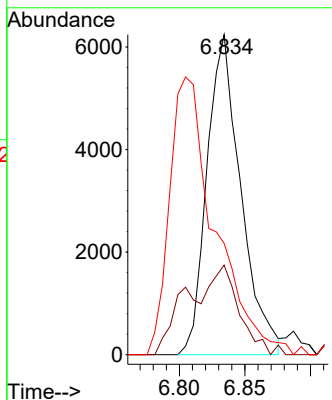
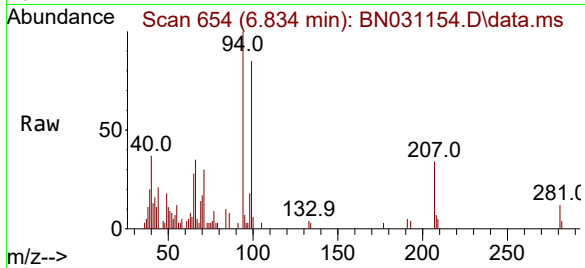




#8
Phenol
Concen: 1.064 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031154.D
Acq: 23 Apr 2024 14:18

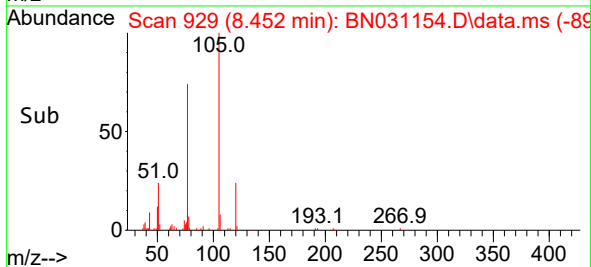
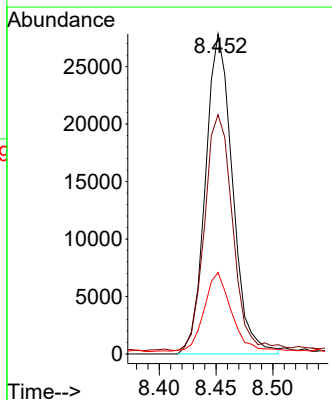
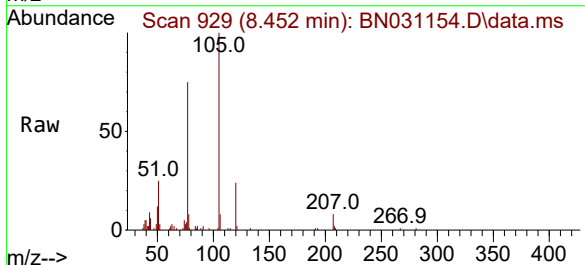
Instrument :
BNA_N
ClientSampleId :
C0S99

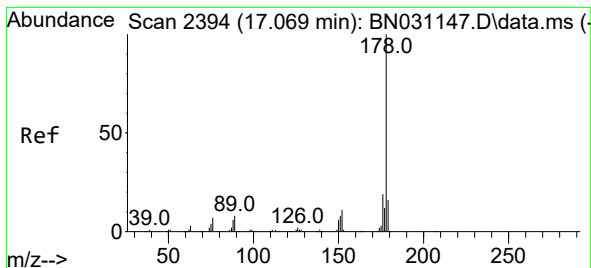
Tgt Ion: 94 Resp: 11220
Ion Ratio Lower Upper
94 100
65 28.0 22.0 33.0
66 34.8 29.8 44.6



#16
Acetophenone
Concen: 3.471 ng/ul
RT: 8.452 min Scan# 929
Delta R.T. -0.006 min
Lab File: BN031154.D
Acq: 23 Apr 2024 14:18

Tgt Ion: 105 Resp: 46252
Ion Ratio Lower Upper
105 100
77 74.8 60.2 90.4
51 25.4 20.6 31.0





#72

Phenanthrene

Concen: 1.084 ng/ul

RT: 17.069 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BN031154.D

Acq: 23 Apr 2024 14:18

Instrument :

BNA_N

ClientSampleId :

COS99

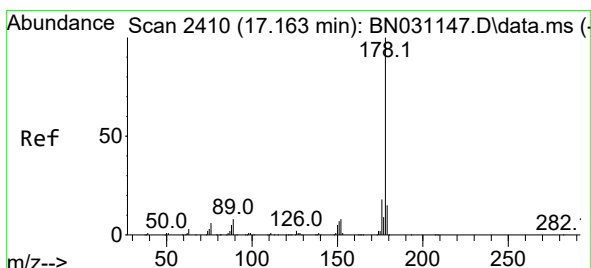
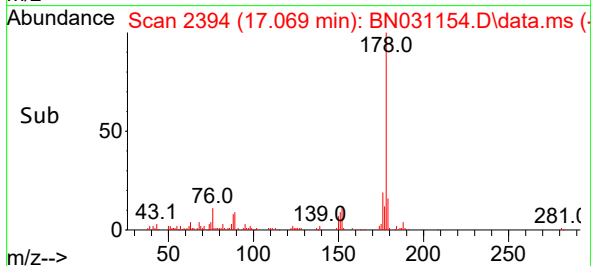
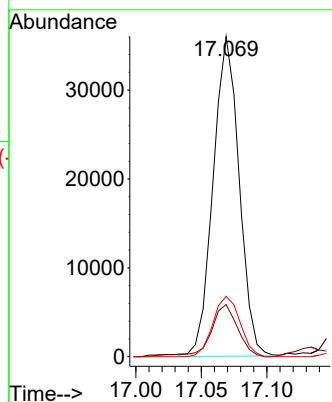
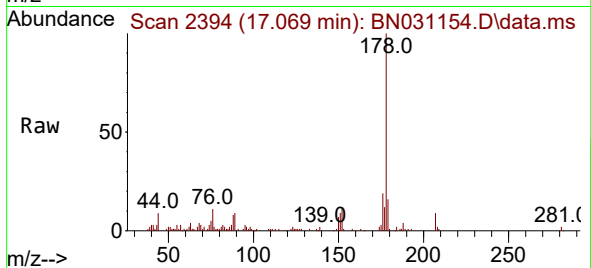
Tgt Ion:178 Resp: 49607

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 18.9 14.6 21.8



#74

Anthracene

Concen: 1.073 ng/ul

RT: 17.069 min Scan# 2394

Delta R.T. -0.100 min

Lab File: BN031154.D

Acq: 23 Apr 2024 14:18

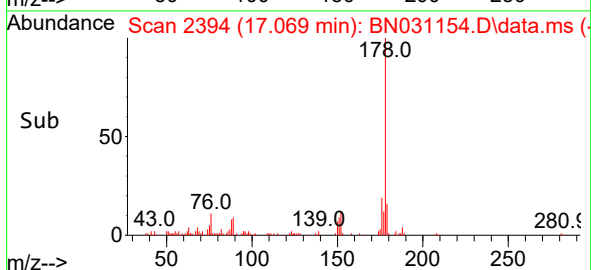
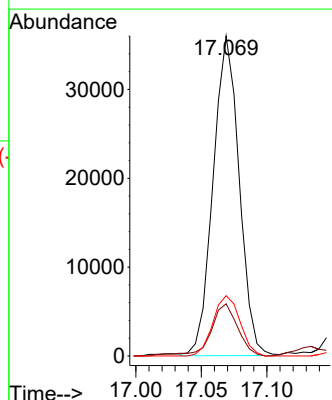
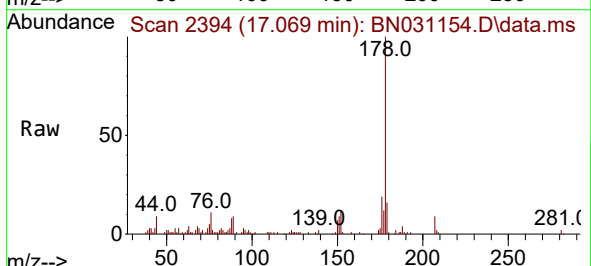
Tgt Ion:178 Resp: 49680

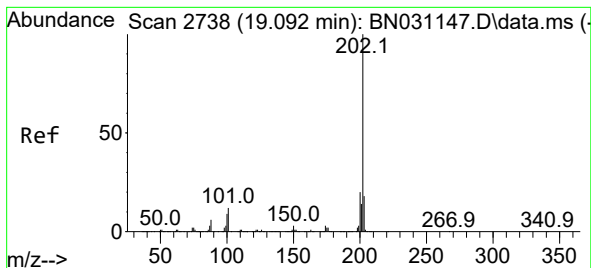
Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

176 18.9 14.4 21.6





#80

Fluoranthene

Concen: 2.029 ng/ul

RT: 19.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031154.D

Acq: 23 Apr 2024 14:18

Instrument :

BNA_N

ClientSampleId :

COS99

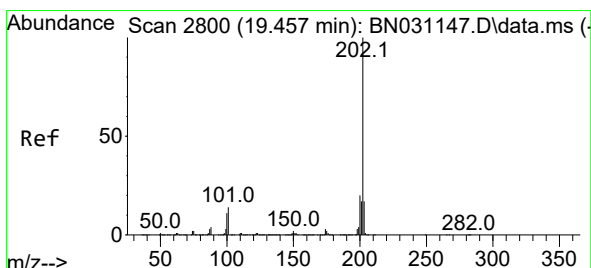
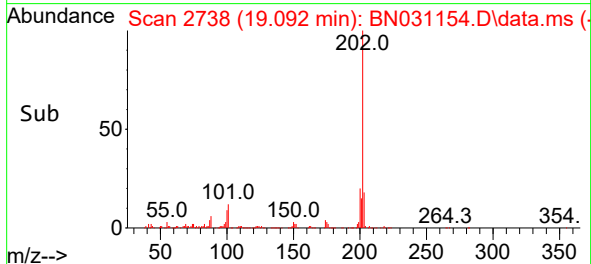
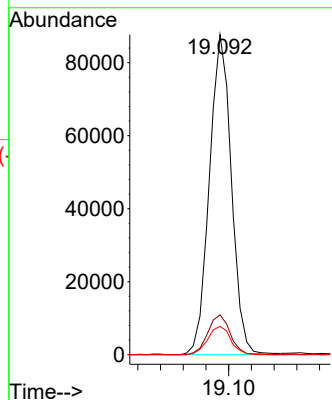
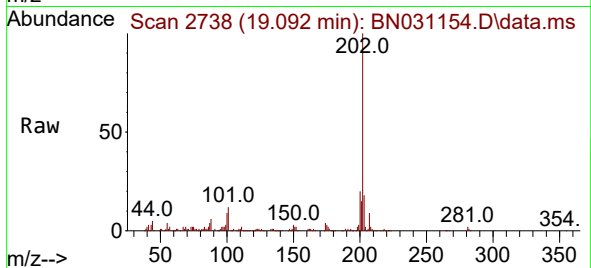
Tgt Ion:202 Resp: 118034

Ion Ratio Lower Upper

202 100

101 12.5 9.0 13.6

100 8.9 6.9 10.3



#82

Pyrene

Concen: 2.228 ng/ul

RT: 19.457 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BN031154.D

Acq: 23 Apr 2024 14:18

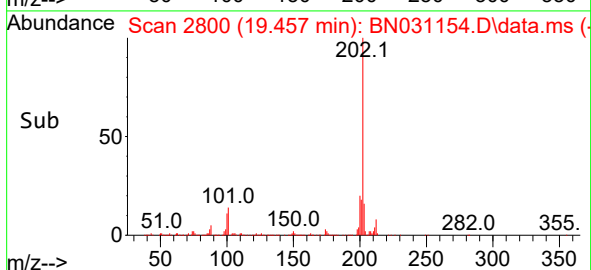
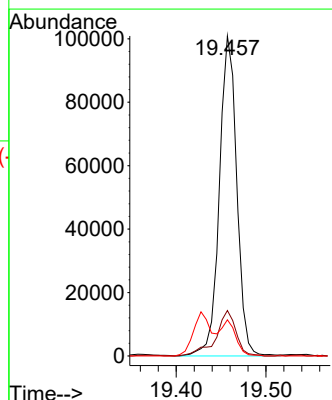
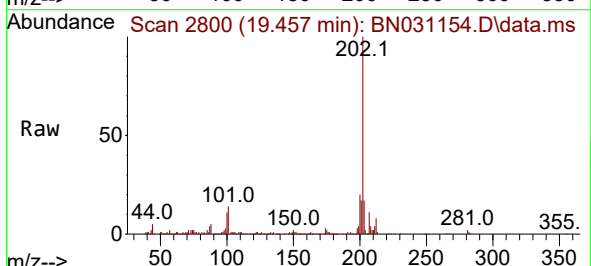
Tgt Ion:202 Resp: 136194

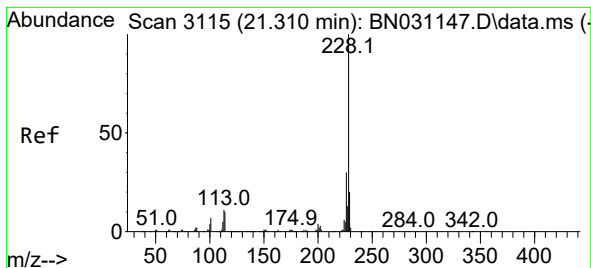
Ion Ratio Lower Upper

202 100

101 14.2 11.1 16.7

100 11.3 9.3 13.9





#87

Chrysene

Concen: 1.184 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BN031154.D

Acq: 23 Apr 2024 14:18

Instrument :

BNA_N

ClientSampleId :

COS99

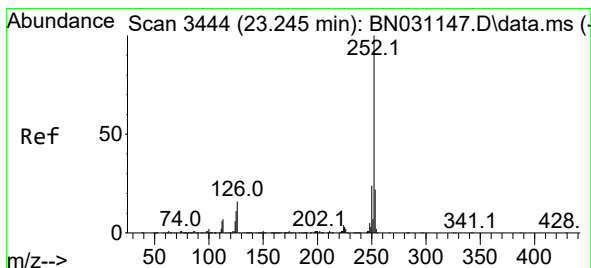
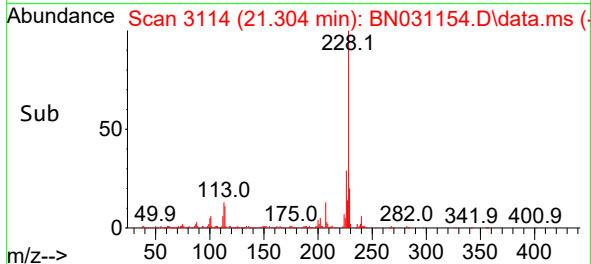
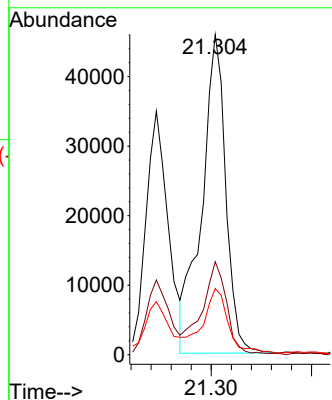
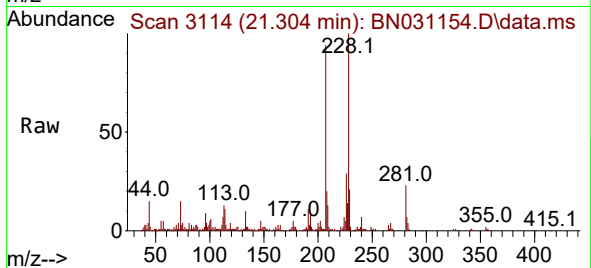
Tgt Ion:228 Resp: 76311

Ion Ratio Lower Upper

228 100

226 29.1 22.6 34.0

229 20.6 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 1.456 ng/ul

RT: 23.245 min Scan# 3444

Delta R.T. -0.012 min

Lab File: BN031154.D

Acq: 23 Apr 2024 14:18

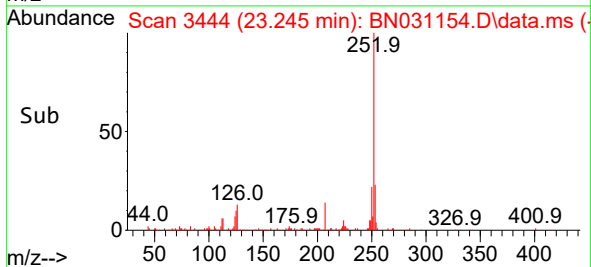
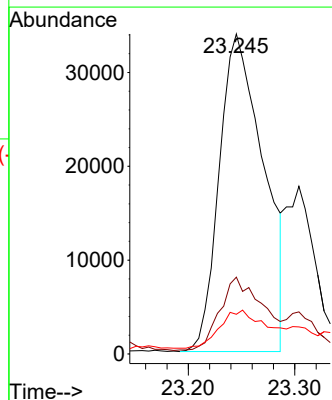
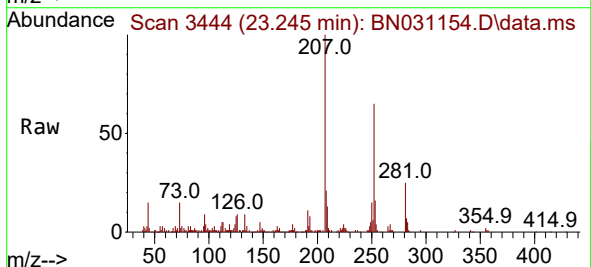
Tgt Ion:252 Resp: 97709

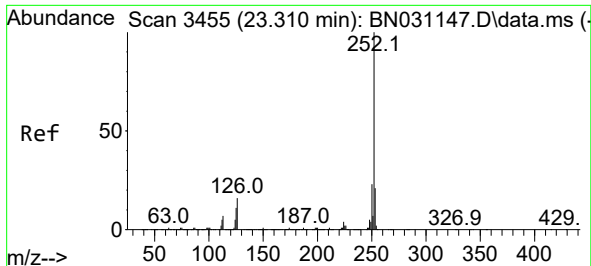
Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 12.4 8.6 12.8

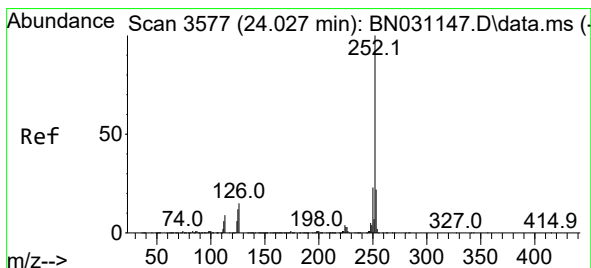
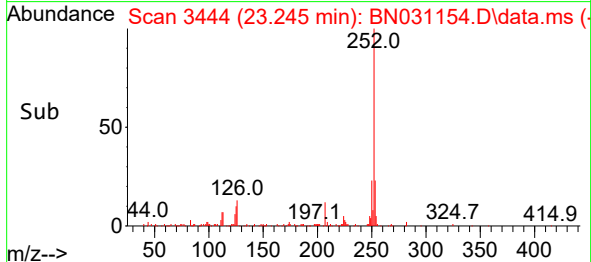
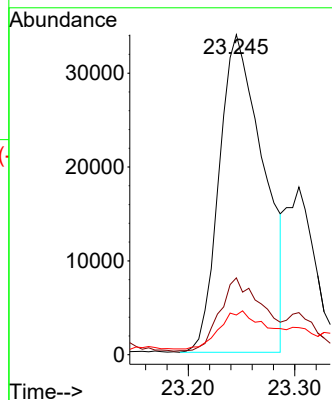
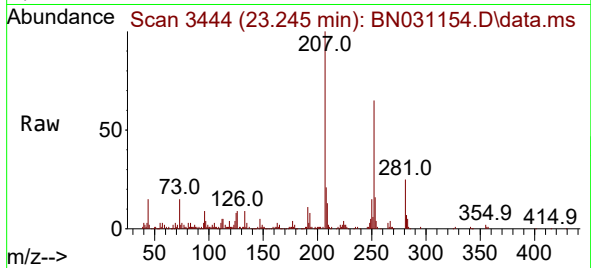




#91
Benzo(k)fluoranthene
Concen: 1.447 ng/ul
RT: 23.245 min Scan# 3455
Delta R.T. -0.065 min
Lab File: BN031154.D
Acq: 23 Apr 2024 14:18

Instrument :
BNA_N
ClientSampleId :
C0S99

Tgt Ion:252 Resp: 97709
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 12.4 9.4 14.2



#93
Benzo(a)pyrene
Concen: 1.002 ng/ul
RT: 24.021 min Scan# 3576
Delta R.T. -0.012 min
Lab File: BN031154.D
Acq: 23 Apr 2024 14:18

Tgt Ion:252 Resp: 67123
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 14.5 9.9 14.9

