

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031280.D
 Acq On : 27 Apr 2024 20:41
 Operator : MA/JU
 Sample : P2251-04DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL2DL

Quant Time: Apr 28 21:16:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

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

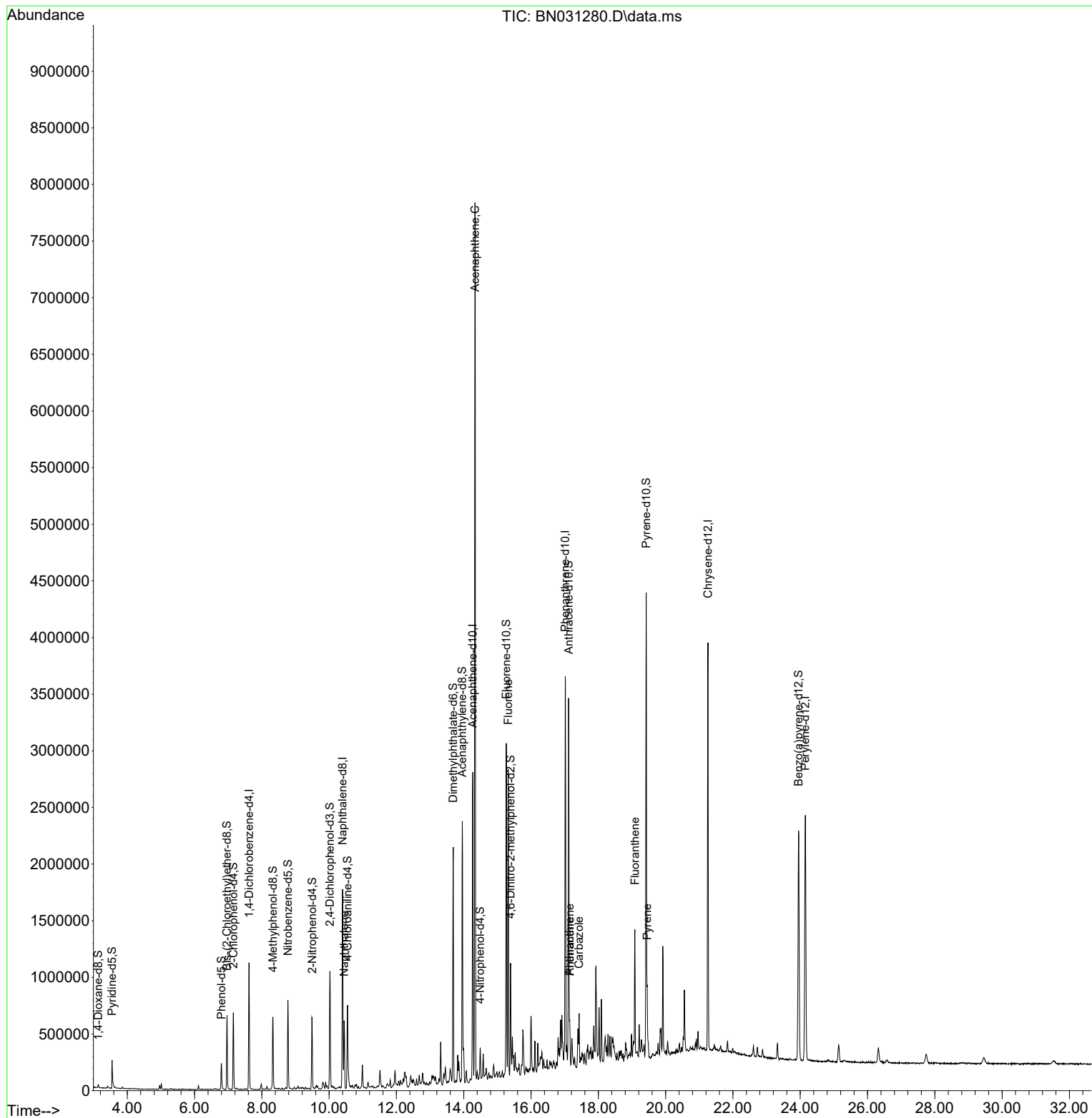
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	298625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	1438318	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	967352	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	2020838	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1789413	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1773676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	16016	2.506	ng/uL	0.00
4) Pyridine-d5	3.546	84	149979	8.148	ng/ul	0.00
7) Phenol-d5	6.799	99	131006	5.200	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	272490	18.592	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	307761	15.691	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	241402	11.395	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	194864	18.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	205702	19.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	366679	17.309	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	407436	12.308	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1346197	19.998	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1482578	19.436	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	66456	4.730	ng/ul	0.00
60) Fluorene-d10	15.263	176	1139151	19.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	195941	19.218	ng/ul	0.00
73) Anthracene-d10	17.116	188	1764847	20.149	ng/ul	0.00
81) Pyrene-d10	19.422	212	2038809	23.187	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1744172	20.737	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.446	128	475090	6.373	ng/ul	99
52) Acenaphthene	14.334	153	3241003	54.868	ng/ul	98
61) Fluorene	15.322	166	1152544	17.148	ng/ul	95
72) Phenanthrene	17.151	178	167616	1.568	ng/ul	99
74) Anthracene	17.151	178	169672	1.569	ng/ul	99
77) Carbazole	17.428	167	257714	2.608	ng/ul	98
80) Fluoranthene	19.086	202	673569	6.472	ng/ul	98
82) Pyrene	19.451	202	360910	3.301	ng/ul	99

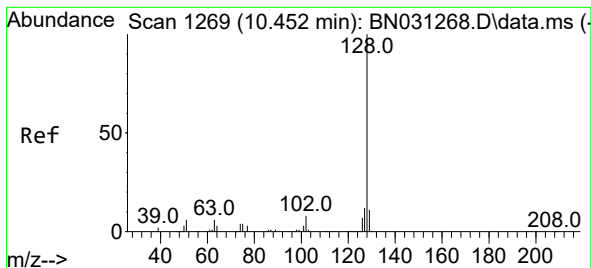
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration





#30

Naphthalene

Concen: 6.373 ng/ul

RT: 10.446 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BN031280.D

Acq: 27 Apr 2024 20:41

Instrument :

BNA_N

ClientSampleId :

C0AL2DL

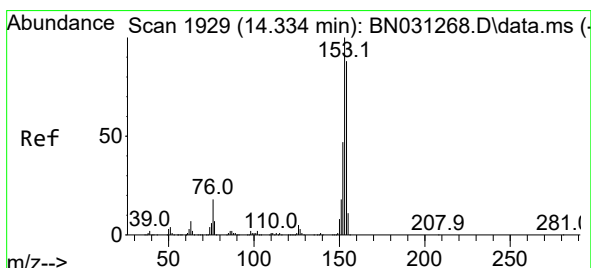
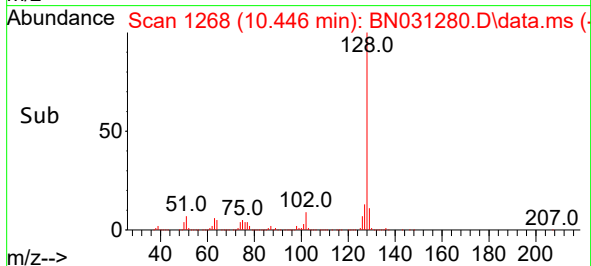
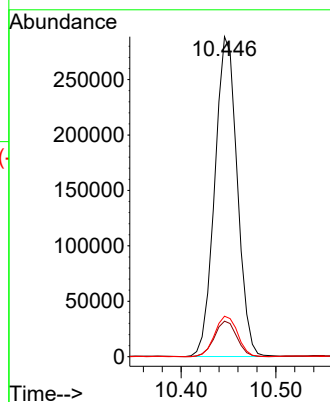
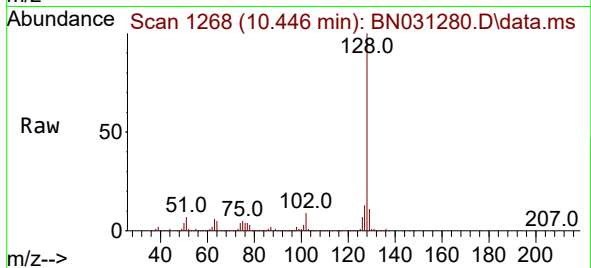
Tgt Ion:128 Resp: 475090

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 12.7 10.5 15.7



#52

Acenaphthene

Concen: 54.868 ng/ul

RT: 14.334 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BN031280.D

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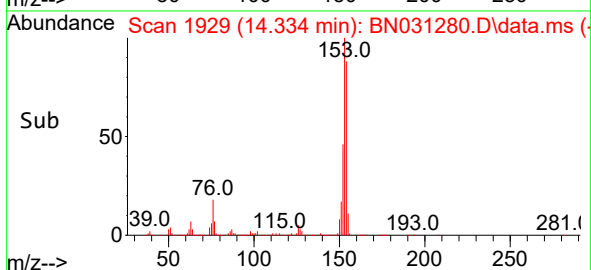
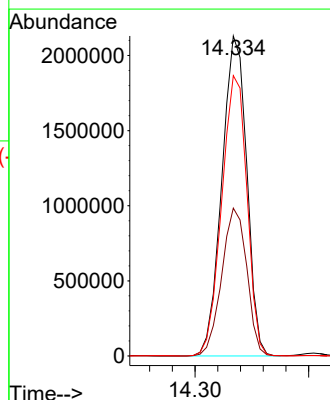
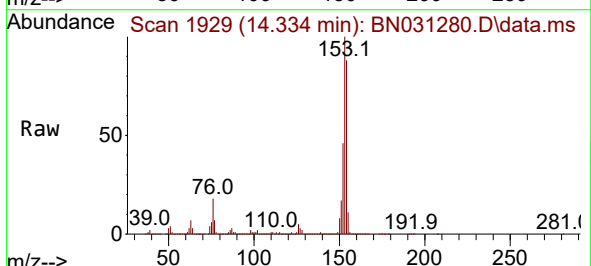
Tgt Ion:153 Resp: 3241003

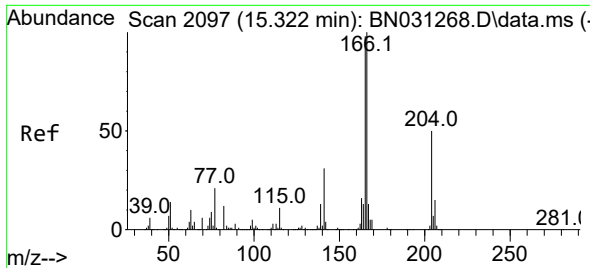
Ion Ratio Lower Upper

153 100

152 46.2 36.3 54.5

154 87.6 72.4 108.6

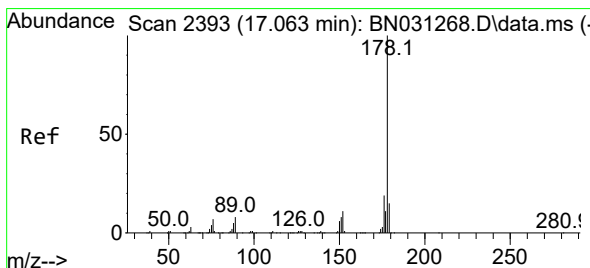
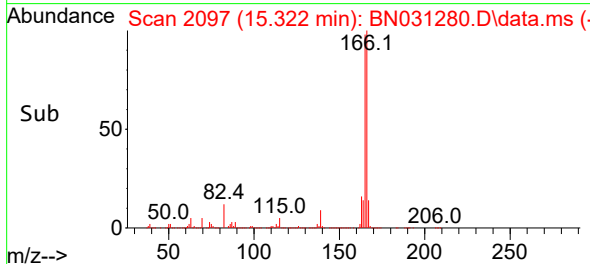
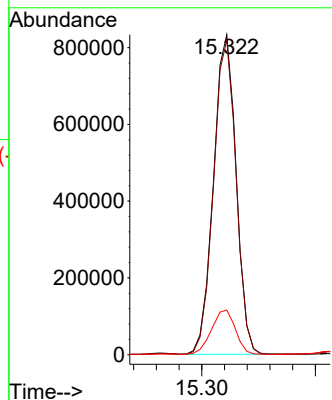
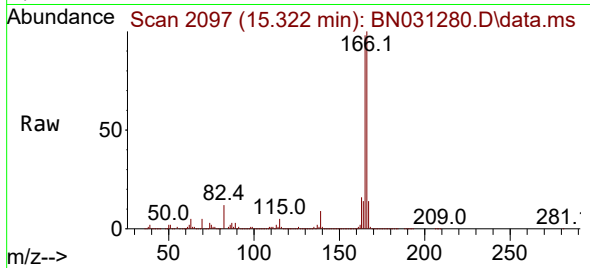




#61
Fluorene
Concen: 17.148 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN031280.D
Acq: 27 Apr 2024 20:41

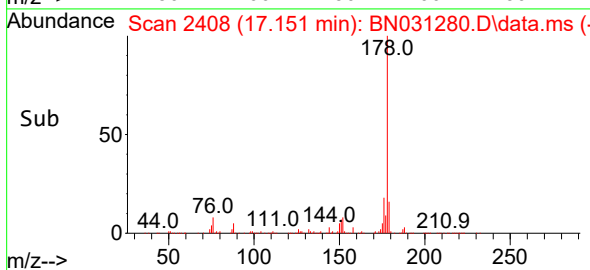
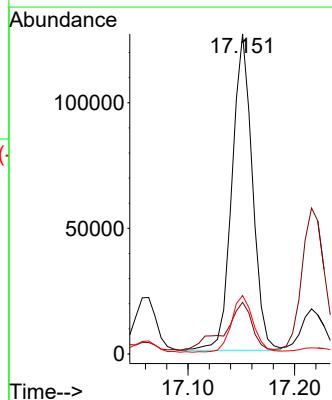
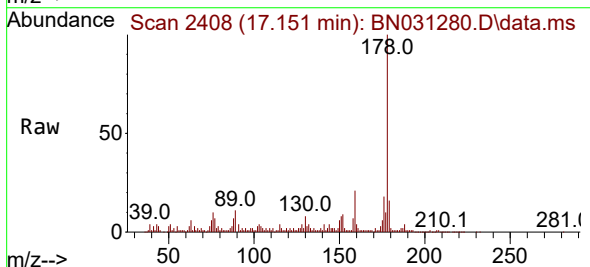
Instrument :
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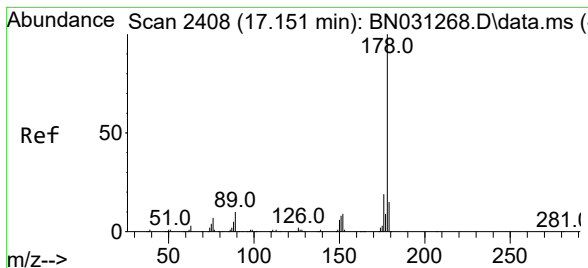
Tgt Ion:166 Resp: 1152544
Ion Ratio Lower Upper
166 100
165 98.3 74.6 112.0
167 13.9 10.6 16.0



#72
Phenanthrene
Concen: 1.568 ng/ul
RT: 17.151 min Scan# 2408
Delta R.T. 0.088 min
Lab File: BN031280.D
Acq: 27 Apr 2024 20:41

Tgt Ion:178 Resp: 167616
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 18.3 14.6 21.8





#74

Anthracene

Concen: 1.569 ng/ul

RT: 17.151 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BN031280.D

Acq: 27 Apr 2024 20:41

Instrument :

BNA_N

ClientSampleId :

C0AL2DL

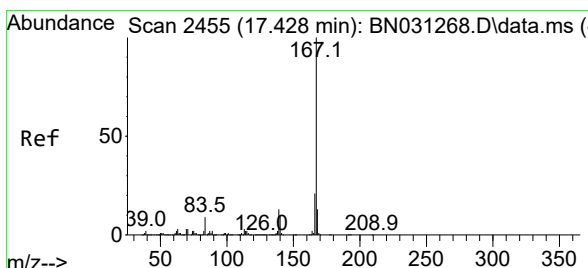
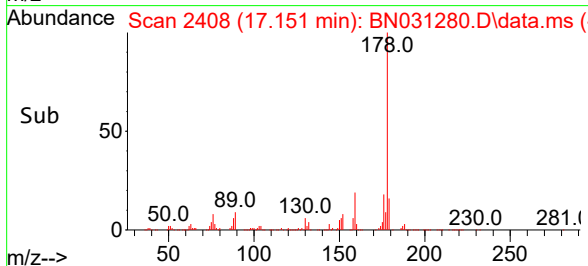
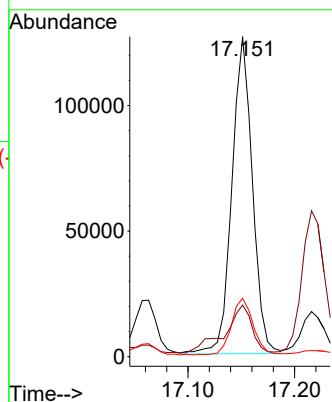
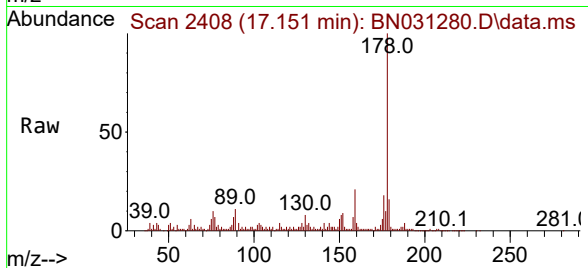
Tgt Ion:178 Resp: 169672

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

176 18.3 14.4 21.6



#77

Carbazole

Concen: 2.608 ng/ul

RT: 17.428 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BN031280.D

Acq: 27 Apr 2024 20:41

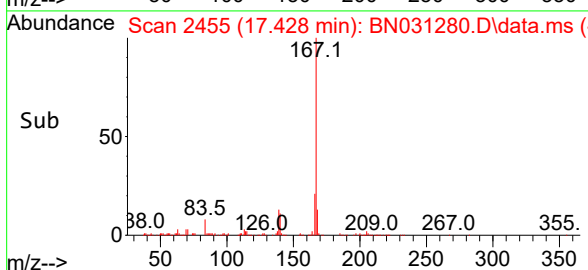
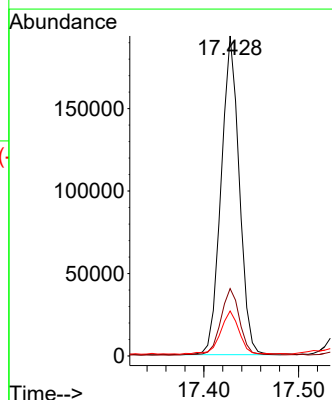
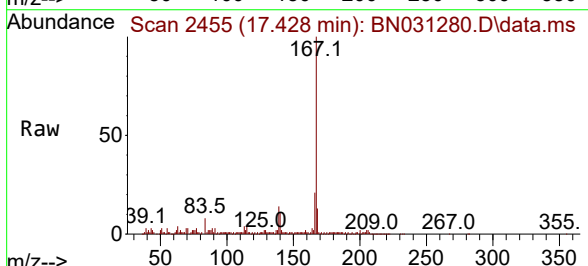
Tgt Ion:167 Resp: 257714

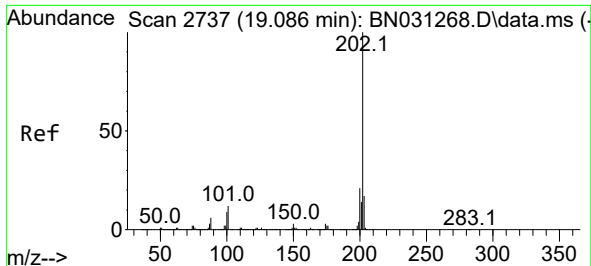
Ion Ratio Lower Upper

167 100

166 21.0 16.2 24.2

139 14.1 10.6 15.8

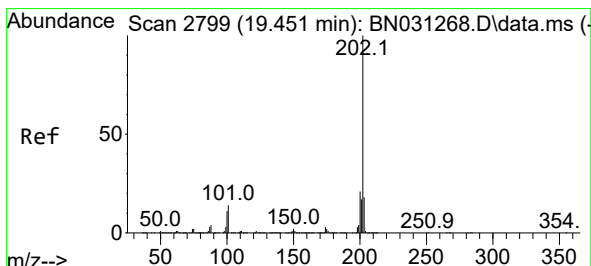
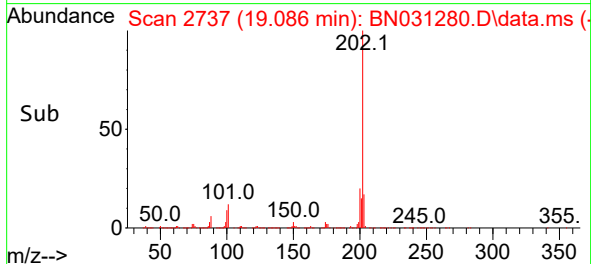
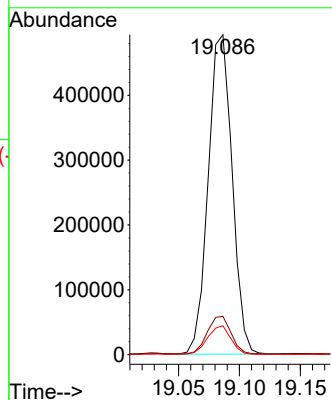
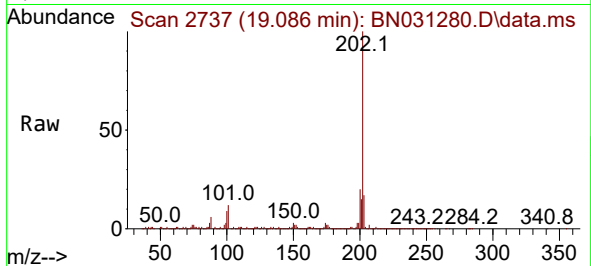




#80
Fluoranthene
Concen: 6.472 ng/ul
RT: 19.086 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BN031280.D
Acq: 27 Apr 2024 20:41

Instrument :
BNA_N
ClientSampleId :
C0AL2DL

Tgt Ion:202 Resp: 673569
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.6
100 9.1 6.9 10.3



#82
Pyrene
Concen: 3.301 ng/ul
RT: 19.451 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BN031280.D
Acq: 27 Apr 2024 20:41

Tgt Ion:202 Resp: 360910
Ion Ratio Lower Upper
202 100
101 13.9 11.1 16.7
100 11.1 9.3 13.9

