

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031217.D
 Acq On : 25 Apr 2024 10:43
 Operator : MA/JU
 Sample : P2181-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9DL

Quant Time: Apr 26 02:33:08 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

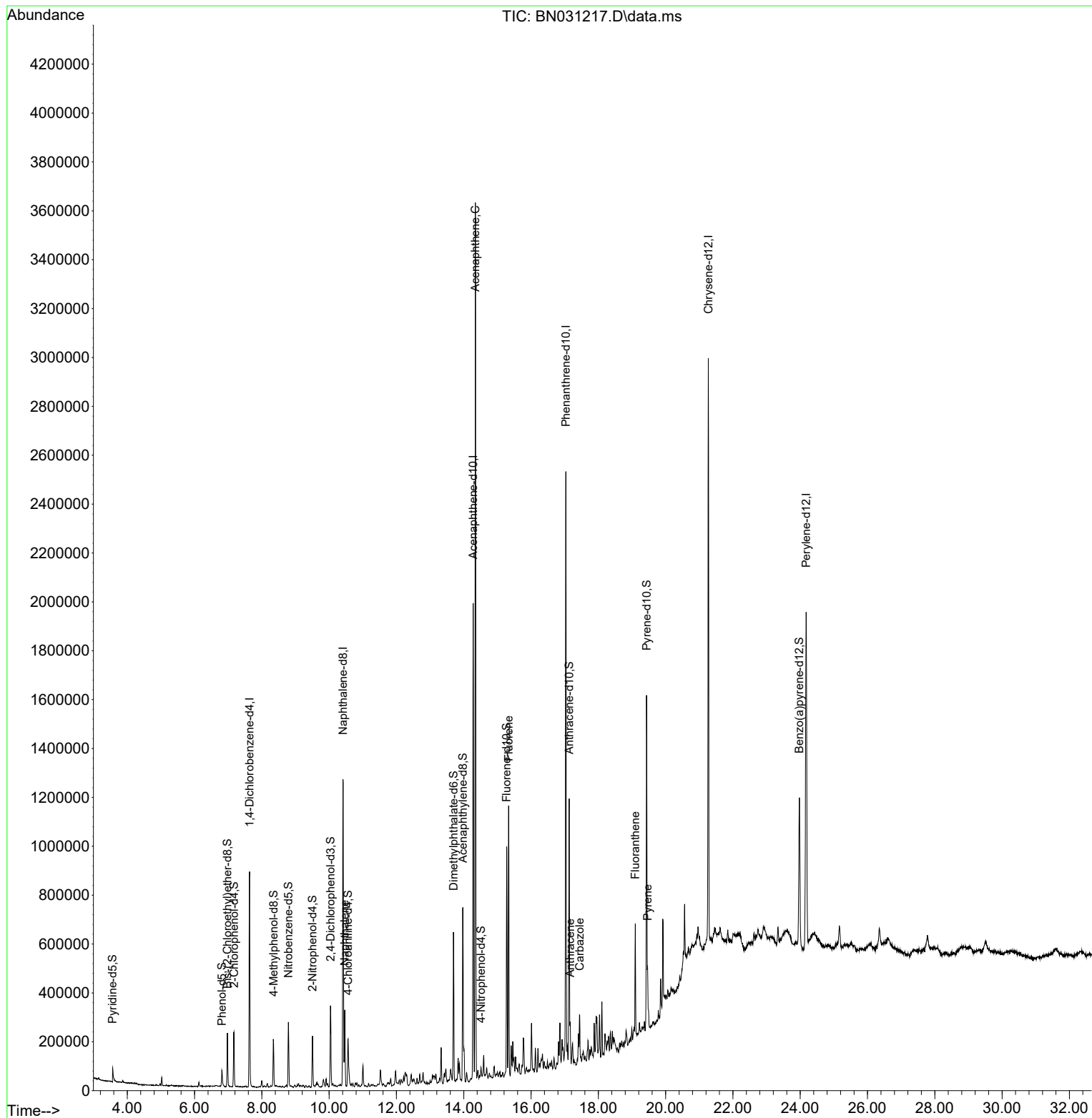
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	241890	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1056884	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	659973	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1381591	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1179924	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1192426	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	4955	0.957	ng/uL	0.00
4) Pyridine-d5	3.564	84	35080	2.353	ng/u1	0.01
7) Phenol-d5	6.811	99	38401	1.882	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	91006	7.666	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	104589	6.583	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	75442	4.396	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	66030	8.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	66330	8.403	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	120053	7.712	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	108385	4.456	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	405765	8.835	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	468321	8.999	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	12684	1.323	ng/u1	0.02
60) Fluorene-d10	15.275	176	359211	8.985	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.134	188	573833	9.583	ng/u1	0.00
81) Pyrene-d10	19.433	212	677317	11.682	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	525819	9.299	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.463	128	246728	4.505	ng/u1	99
52) Acenaphthene	14.346	153	1423063	35.312	ng/u1	98
61) Fluorene	15.334	166	462137	10.079	ng/u1	95
74) Anthracene	17.163	178	90106	1.218	ng/u1	96
77) Carbazole	17.445	167	120225	1.780	ng/u1	97
80) Fluoranthene	19.098	202	263899	3.846	ng/u1	97
82) Pyrene	19.463	202	147429	2.045	ng/u1	99

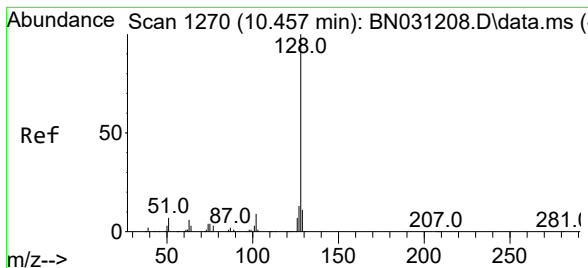
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 4.505 ng/ul

RT: 10.463 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BN031217.D

Acq: 25 Apr 2024 10:43

Instrument :

BNA_N

ClientSampleId :

C0AK9DL

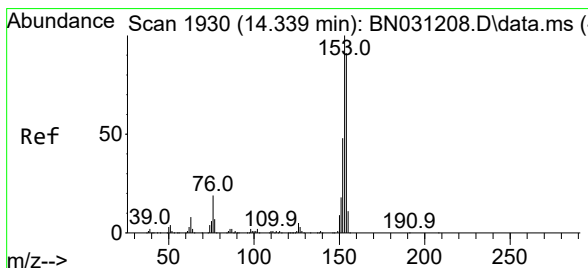
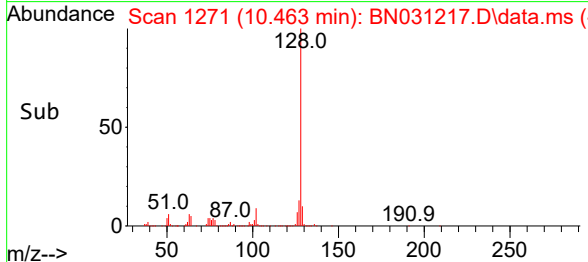
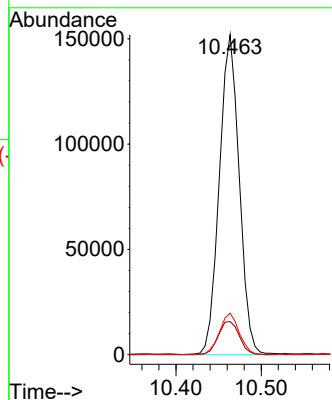
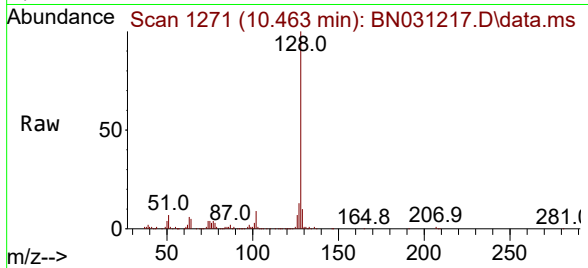
Tgt Ion:128 Resp: 246728

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

127 12.9 10.5 15.7



#52

Acenaphthene

Concen: 35.312 ng/ul

RT: 14.346 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BN031217.D

Acq: 25 Apr 2024 10:43

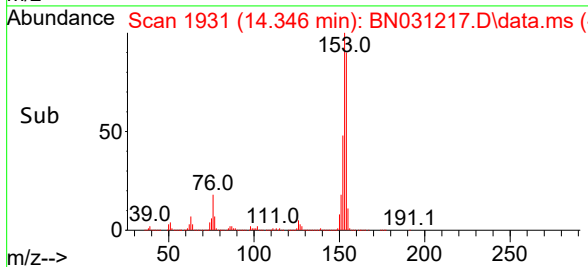
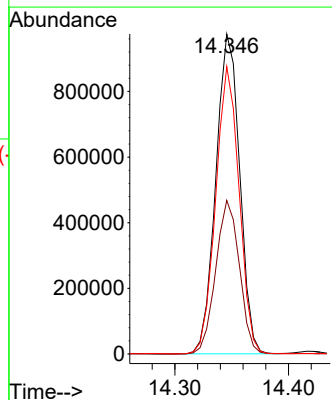
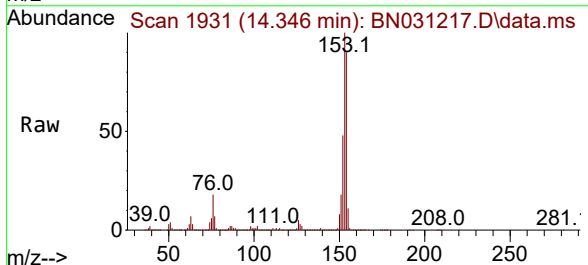
Tgt Ion:153 Resp: 1423063

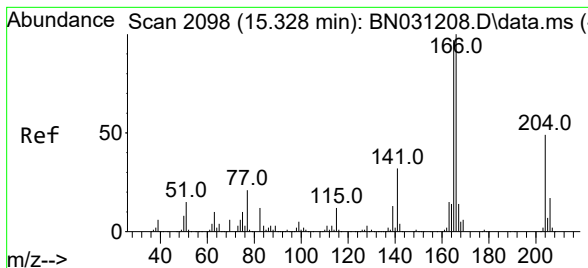
Ion Ratio Lower Upper

153 100

152 48.0 36.3 54.5

154 89.8 72.4 108.6





#61

Fluorene

Concen: 10.079 ng/ul

RT: 15.334 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BN031217.D

Acq: 25 Apr 2024 10:43

Instrument :

BNA_N

ClientSampleId :

C0AK9DL

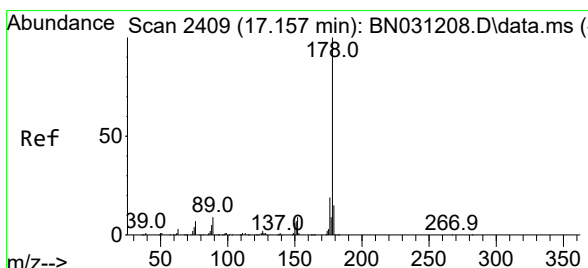
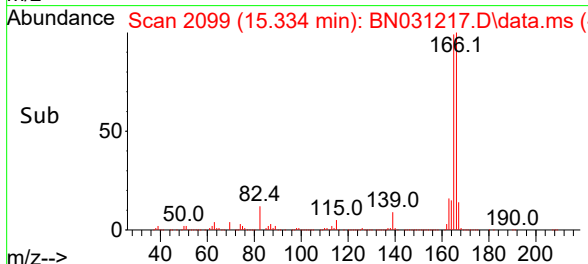
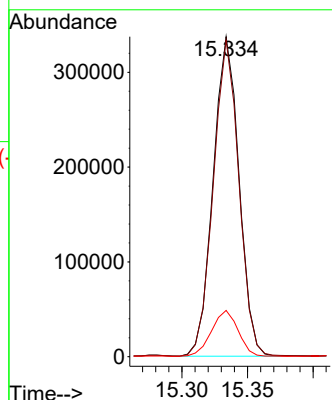
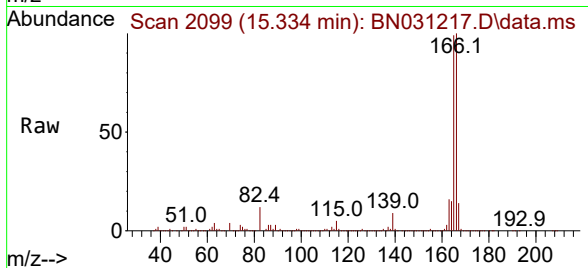
Tgt Ion:166 Resp: 462137

Ion Ratio Lower Upper

166 100

165 98.9 74.6 112.0

167 14.5 10.6 16.0



#74

Anthracene

Concen: 1.218 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BN031217.D

Acq: 25 Apr 2024 10:43

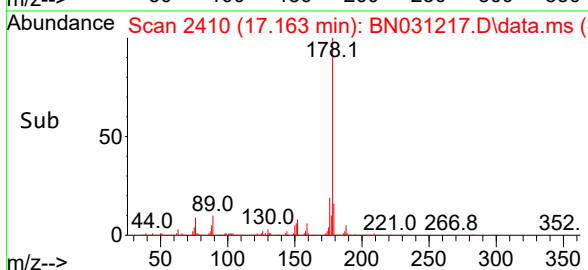
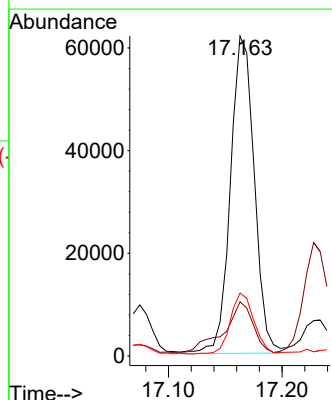
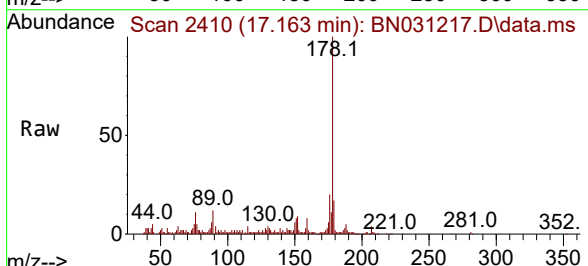
Tgt Ion:178 Resp: 90106

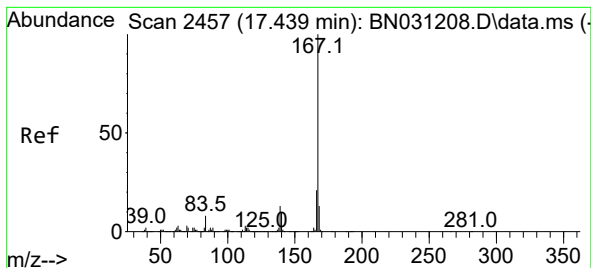
Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.4

176 19.7 14.4 21.6





#77

Carbazole

Concen: 1.780 ng/ul

RT: 17.445 min Scan# 2457

Delta R.T. 0.006 min

Lab File: BN031217.D

Acq: 25 Apr 2024 10:43

Instrument :

BNA_N

ClientSampleId :

C0AK9DL

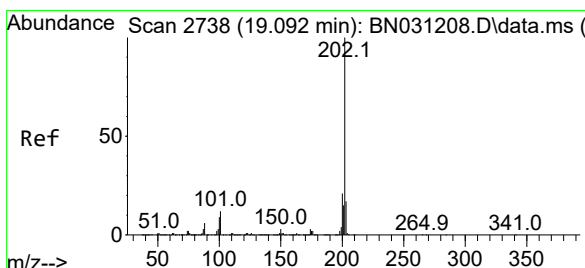
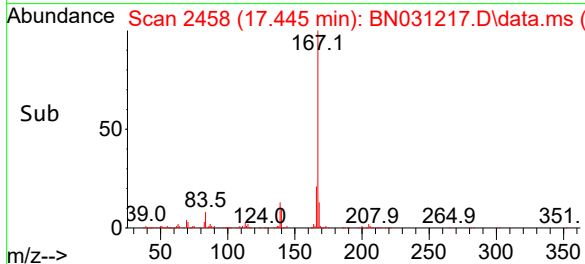
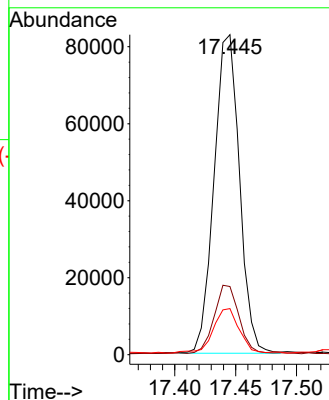
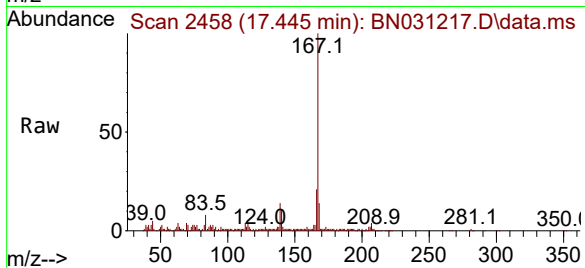
Tgt Ion:167 Resp: 120225

Ion Ratio Lower Upper

167 100

166 21.3 16.2 24.2

139 14.4 10.6 15.8



#80

Fluoranthene

Concen: 3.846 ng/ul

RT: 19.098 min Scan# 2739

Delta R.T. 0.000 min

Lab File: BN031217.D

Acq: 25 Apr 2024 10:43

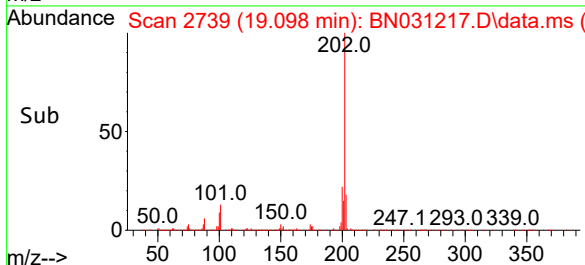
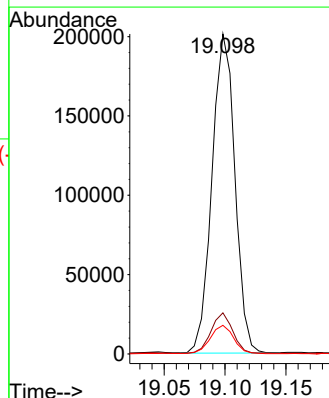
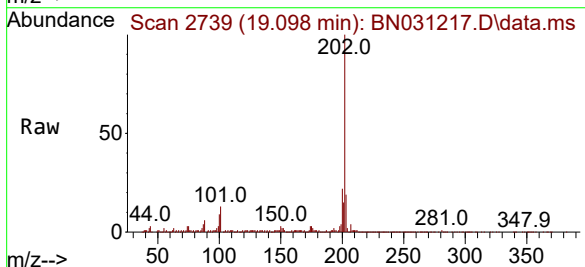
Tgt Ion:202 Resp: 263899

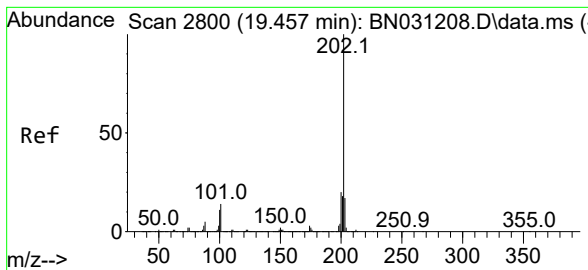
Ion Ratio Lower Upper

202 100

101 12.8 9.0 13.6

100 8.9 6.9 10.3





#82
 Pyrene
 Concen: 2.045 ng/ul
 RT: 19.463 min Scan# 2801
 Delta R.T. 0.000 min
 Lab File: BN031217.D
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Instrument :
 BNA_N
 ClientSampleId :
 C0AK9DL

Tgt Ion:	202	Resp:	147429
Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.1	16.7
100	11.6	9.3	13.9

