

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016706.D
 Acq On : 22 Aug 2023 16:35
 Operator : MA/JU
 Sample : 04059-03DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG6DL

Quant Time: Aug 23 00:45:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

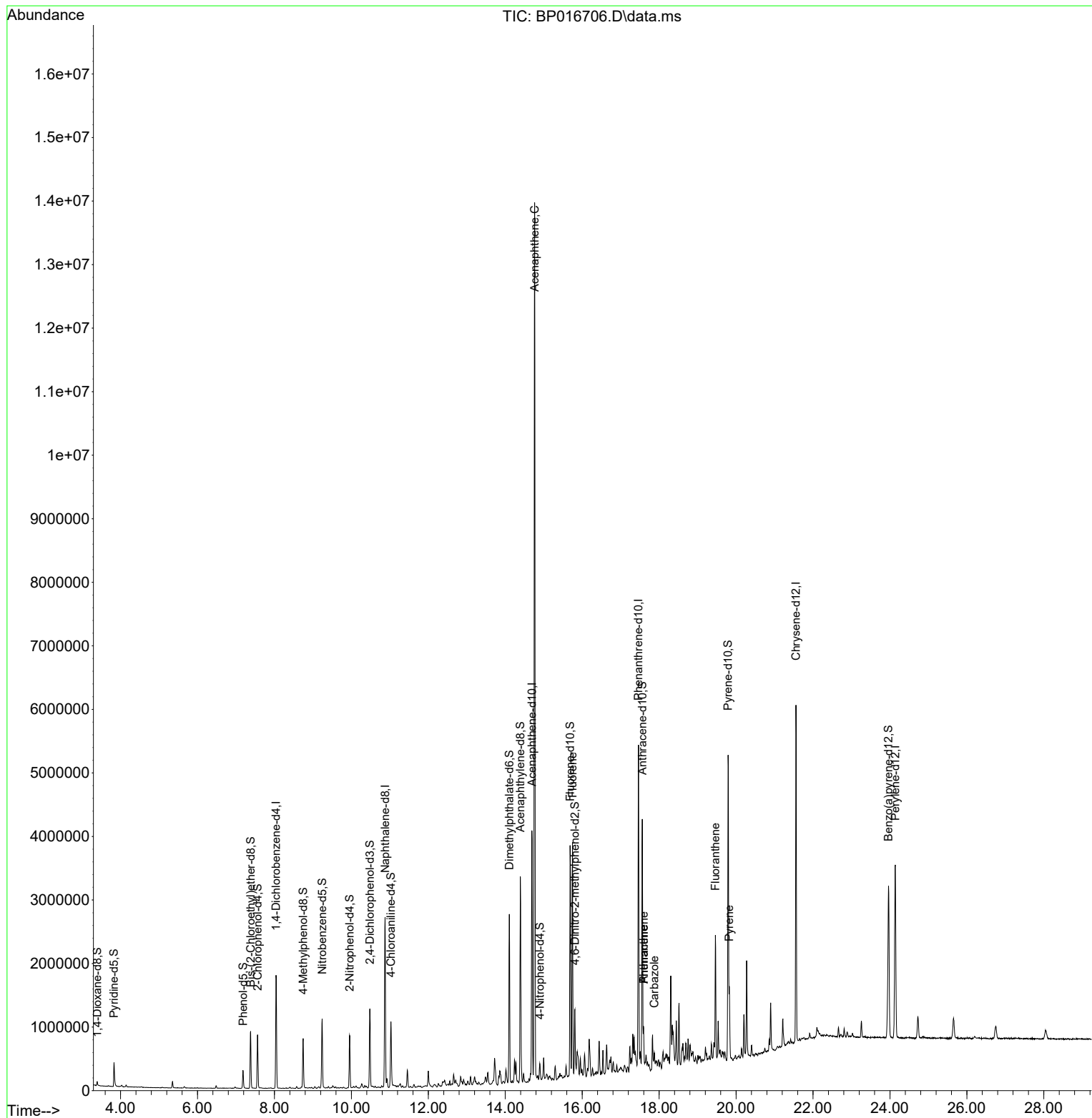
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	457012	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	2094323	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.693	164	1303939	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	2818192	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	2283083	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	2128183	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	29985	2.493	ng/uL	0.00
4) Pyridine-d5	3.828	84	212295	5.802	ng/ul	0.00
7) Phenol-d5	7.181	99	156958	3.725	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	405604	14.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.564	132	359763	11.888	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	281105	8.391	ng/ul	-0.01
21) Nitrobenzene-d5	9.240	128	231304	15.696	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.958	143	231908	16.569	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	415034	15.068	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.028	131	519741	10.998	ng/ul	-0.01
46) Dimethylphthalate-d6	14.104	166	1552464	16.461	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1749105	16.431	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	51475	2.679	ng/ul	0.00
60) Fluorene-d10	15.687	176	1302460	16.199	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	178830	13.338	ng/ul	0.00
73) Anthracene-d10	17.563	188	2064920	16.939	ng/ul	0.00
81) Pyrene-d10	19.792	212	2293838	19.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1722789	16.892	ng/ul	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.763	153	5396411	64.303	ng/ul	99
61) Fluorene	15.745	166	1518051	16.169	ng/ul	99
72) Phenanthrene	17.598	178	255755	1.723	ng/ul	98
74) Anthracene	17.598	178	260595	1.747	ng/ul	97
77) Carbazole	17.875	167	146268	1.064	ng/ul#	95
80) Fluoranthene	19.463	202	1071696	7.506	ng/ul	99
82) Pyrene	19.822	202	580780	3.852	ng/ul	99

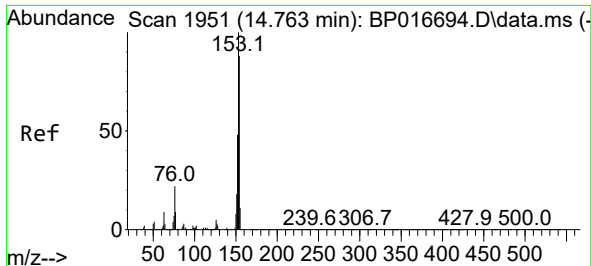
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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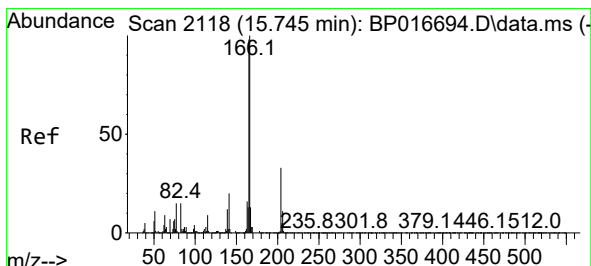
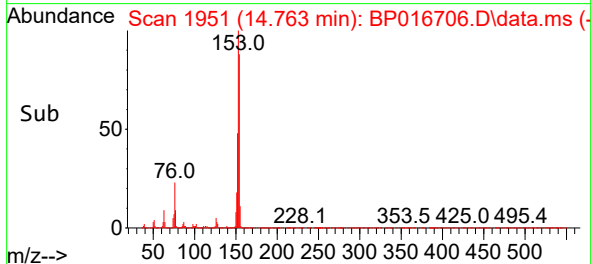
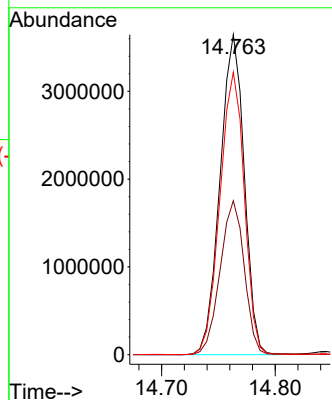
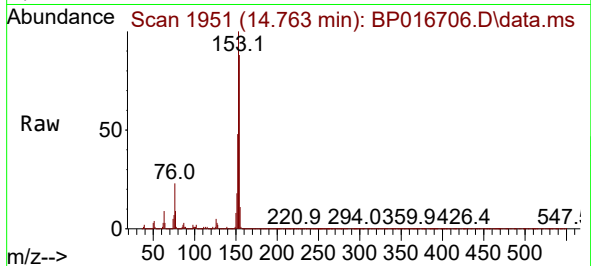




#52
Acenaphthene
Concen: 64.303 ng/ul
RT: 14.763 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP016706.D
Acq: 22 Aug 2023 16:35

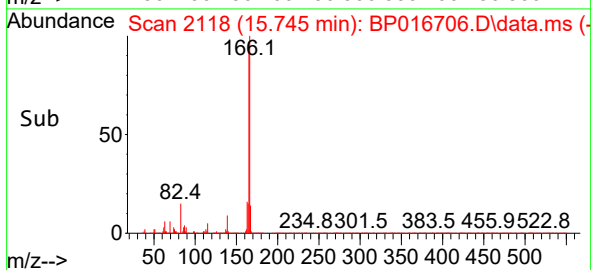
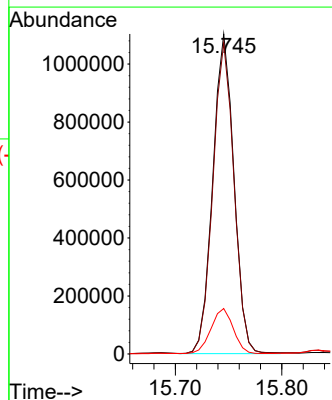
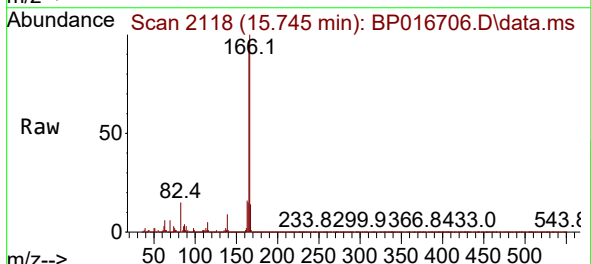
Instrument :
BNA_P
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C0AG6DL

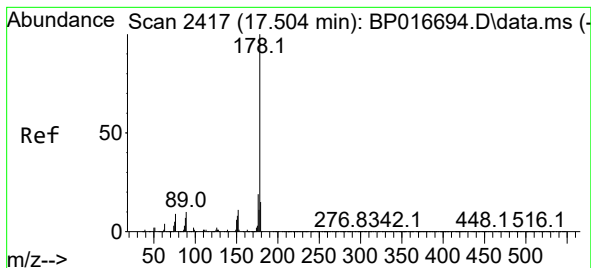
Tgt Ion:153 Resp: 5396411
Ion Ratio Lower Upper
153 100
152 48.1 38.7 58.1
154 88.3 72.0 108.0



#61
Fluorene
Concen: 16.169 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP016706.D
Acq: 22 Aug 2023 16:35

Tgt Ion:166 Resp: 1518051
Ion Ratio Lower Upper
166 100
165 97.3 78.3 117.5
167 14.2 10.8 16.2





#72

Phenanthrene

Concen: 1.723 ng/ul

RT: 17.598 min Scan# 2417

Delta R.T. 0.088 min

Lab File: BP016706.D

Acq: 22 Aug 2023 16:35

Instrument :

BNA_P

ClientSampleId :

C0AG6DL

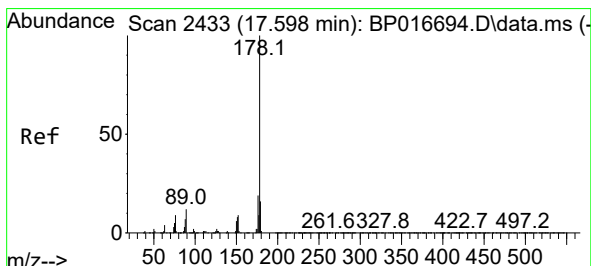
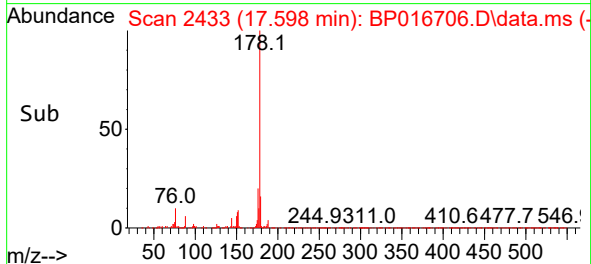
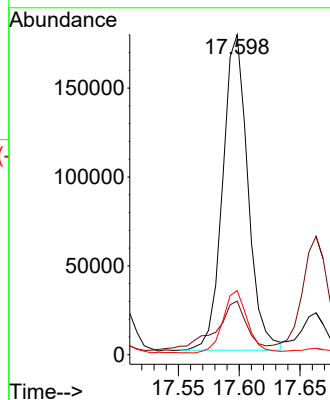
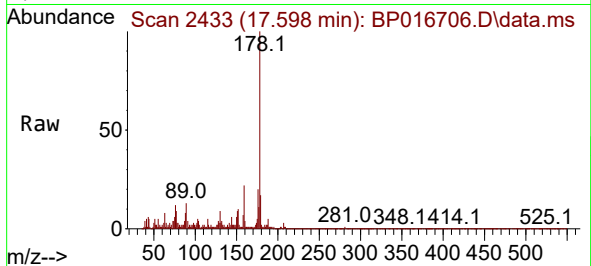
Tgt Ion:178 Resp: 255755

Ion Ratio Lower Upper

178 100

179 16.8 12.4 18.6

176 20.1 15.5 23.3



#74

Anthracene

Concen: 1.747 ng/ul

RT: 17.598 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP016706.D

Acq: 22 Aug 2023 16:35

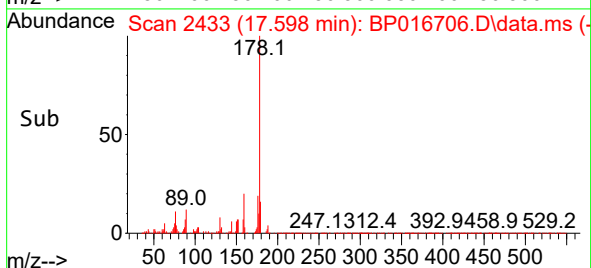
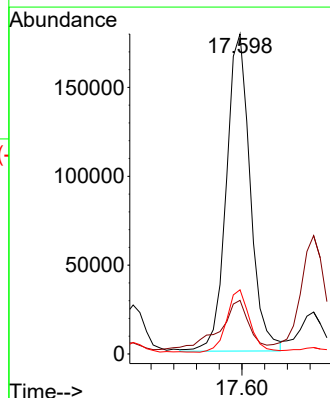
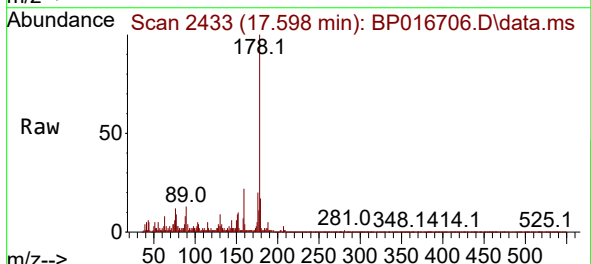
Tgt Ion:178 Resp: 260595

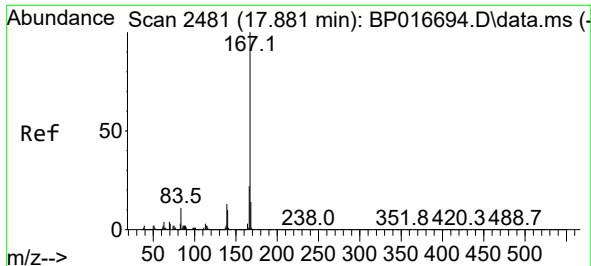
Ion Ratio Lower Upper

178 100

179 16.8 12.5 18.7

176 20.1 14.9 22.3

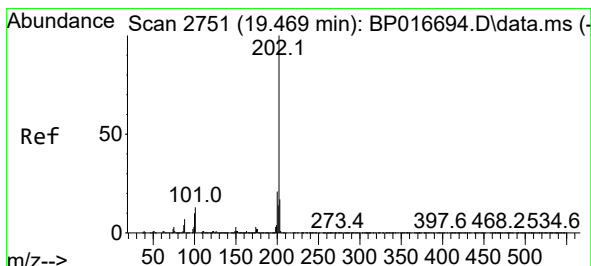
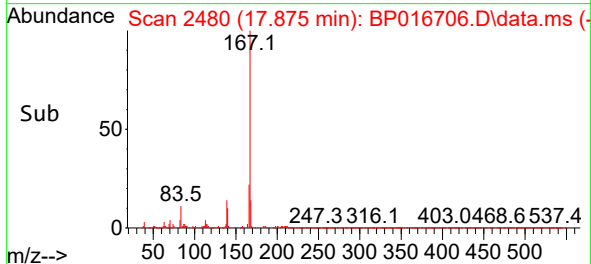
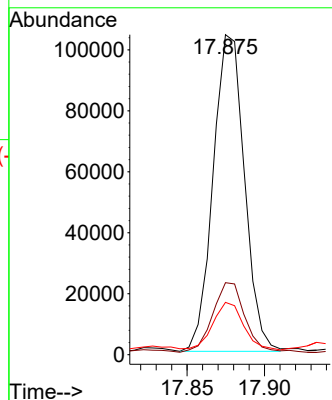
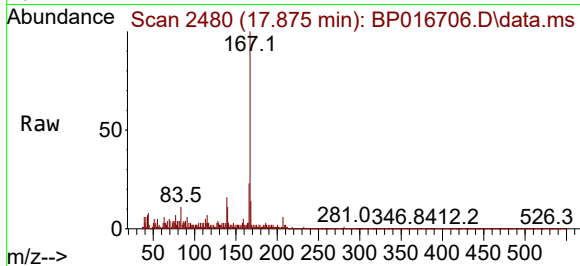




#77
 Carbazole
 Concen: 1.064 ng/ul
 RT: 17.875 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP016706.D
 Acq: 22 Aug 2023 16:35

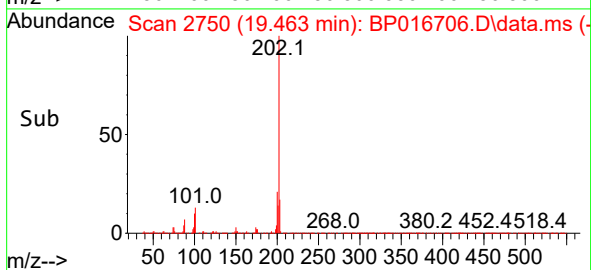
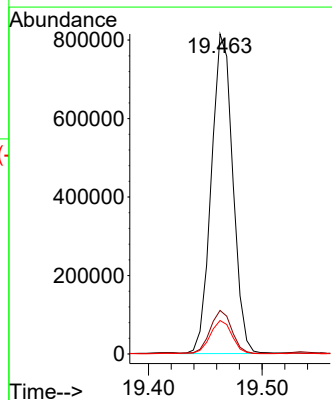
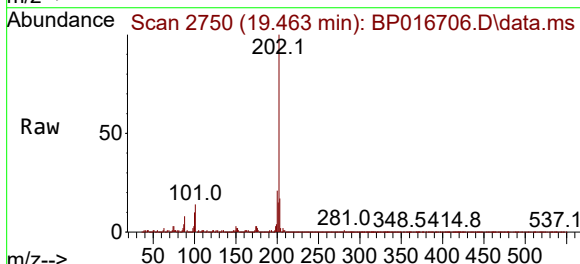
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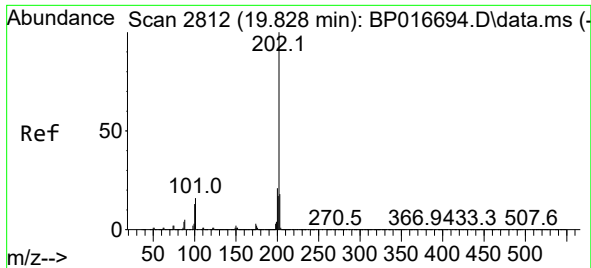
Tgt Ion:167 Resp: 146268
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.8 25.2
 139 16.3 10.6 16.0#



#80
 Fluoranthene
 Concen: 7.506 ng/ul
 RT: 19.463 min Scan# 2750
 Delta R.T. -0.006 min
 Lab File: BP016706.D
 Acq: 22 Aug 2023 16:35

Tgt Ion:202 Resp: 1071696
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.6 16.0
 100 10.5 8.1 12.1





#82

Pyrene

Concen: 3.852 ng/ul

RT: 19.822 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP016706.D

Acq: 22 Aug 2023 16:35

Instrument :

BNA_P

ClientSampleId :

C0AG6DL

Tgt Ion:202 Resp: 580780

Ion Ratio Lower Upper

202 100

101 16.4 13.4 20.2

100 13.1 11.0 16.4

