

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018907.D
 Acq On : 18 Dec 2023 15:18
 Operator : MA/JU
 Sample : 05794-06 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q0

Quant Time: Dec 18 21:40:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

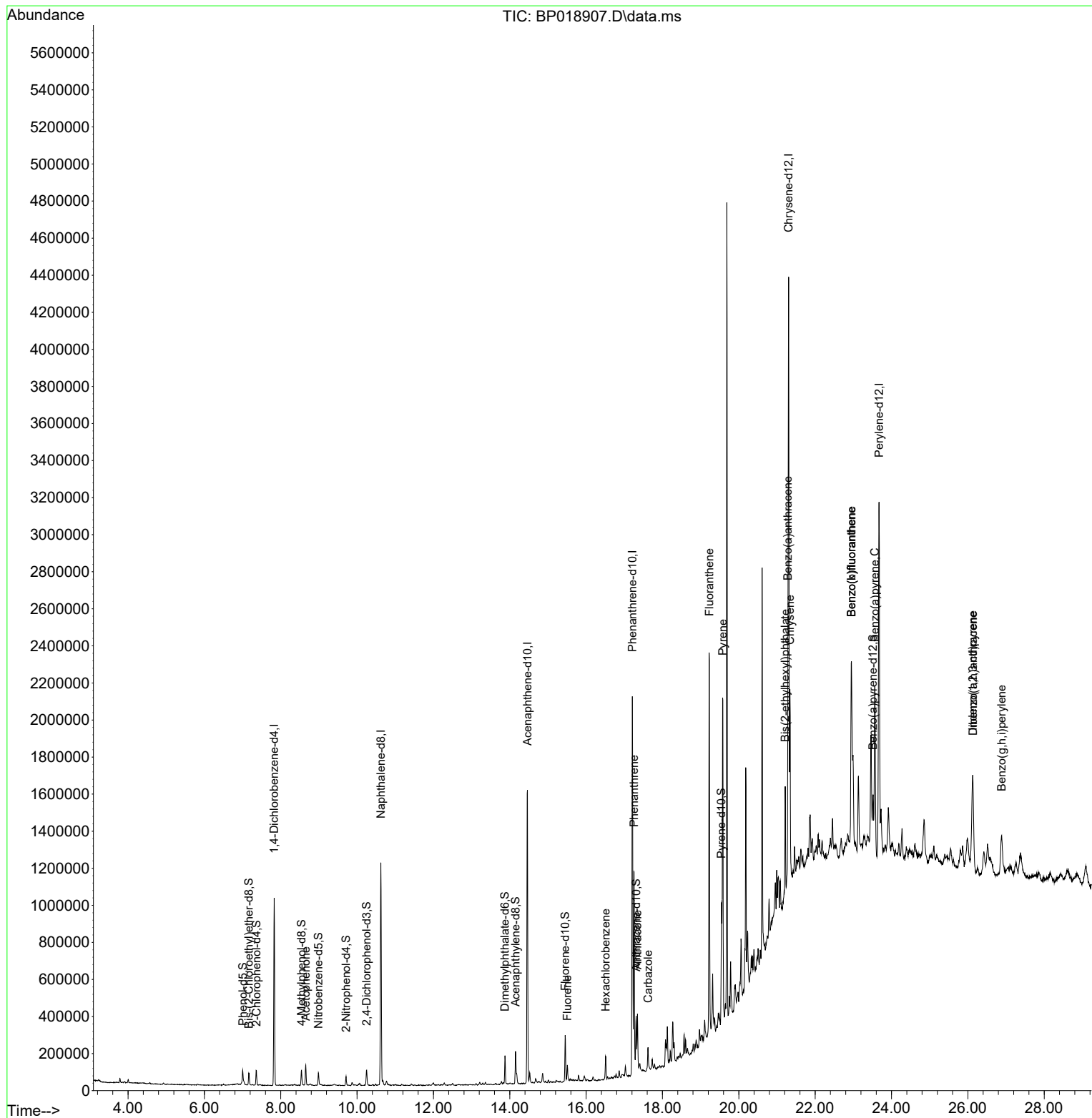
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	277294	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	978993	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	557513	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1219316	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1281156	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1553867	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	3293	0.405	ng/uL	0.00
4) Pyridine-d5	3.676	84	329	0.015	ng/ul	0.00
7) Phenol-d5	7.005	99	46249	1.662	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	28830	1.748	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	38646	1.780	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	32303	1.434	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	15844	1.818	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	15930	1.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	34256	1.854	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	13294	0.551	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	104018	2.090	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	116167	2.120	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	7000	0.857	ng/ul	0.01
60) Fluorene-d10	15.451	176	94615	2.265	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	2496	0.341	ng/ul	0.00
73) Anthracene-d10	17.310	188	156517	2.442	ng/ul	0.00
81) Pyrene-d10	19.545	212	201299	2.018	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	212556	2.346	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.658	105	62556	1.864	ng/ul	99
61) Fluorene	15.510	166	45961	1.026	ng/ul	99
69) Hexachlorobenzene	16.510	284	24220	1.409	ng/ul	94
72) Phenanthrene	17.257	178	793455	10.775	ng/ul	99
74) Anthracene	17.345	178	197531	2.676	ng/ul	100
77) Carbazole	17.622	167	88940	1.512	ng/ul	98
80) Fluoranthene	19.228	202	1316142	11.165	ng/ul	95
82) Pyrene	19.581	202	1145319	9.631	ng/ul	94
85) Benzo(a)anthracene	21.286	228	617396	5.937	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	209500	3.501	ng/ul#	99
87) Chrysene	21.339	228	579247	6.049	ng/ul	96
90) Benzo(b)fluoranthene	22.951	252	874612	7.634	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	874612	7.890	ng/ul	98
93) Benzo(a)pyrene	23.563	252	636940	6.084	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	534379	4.272	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.133	278	151045	1.452	ng/ul#	89
96) Benzo(g,h,i)perylene	26.886	276	281160	2.793	ng/ul	94

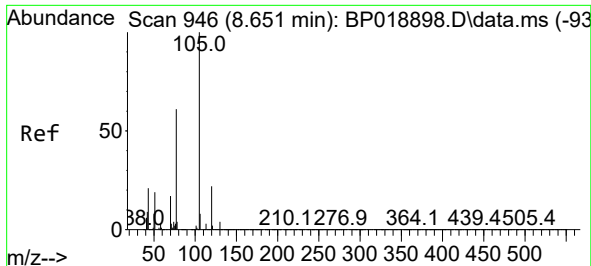
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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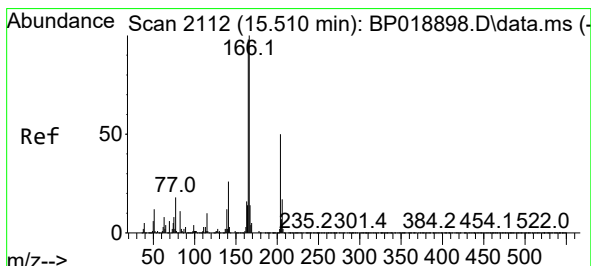
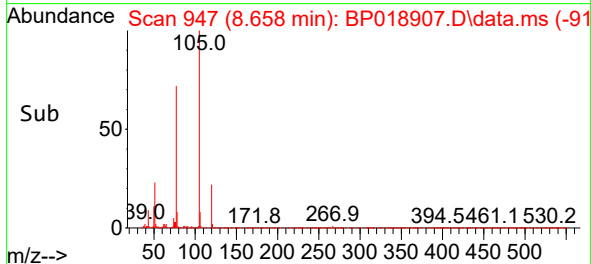
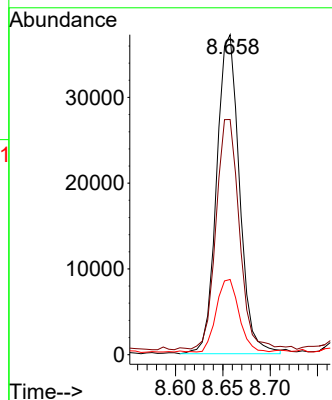
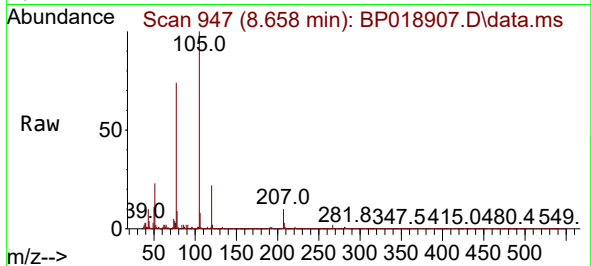




#16
Acetophenone
Concen: 1.864 ng/ul
RT: 8.658 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

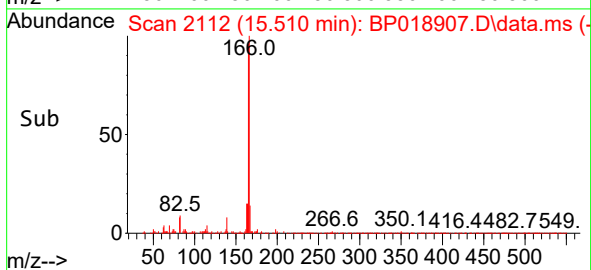
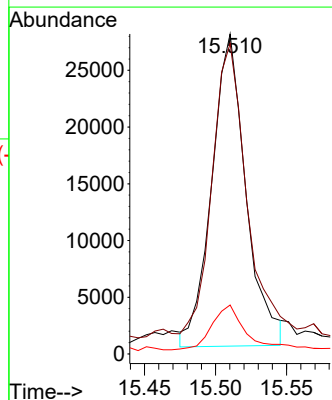
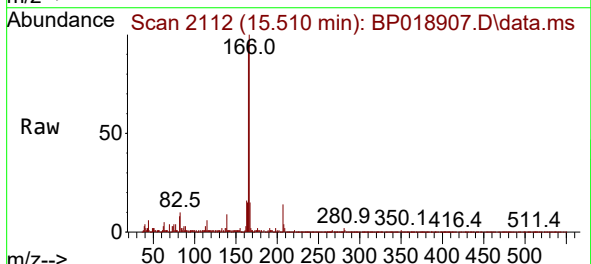
Instrument :
BNA_P
ClientSampleId :
BH3Q0

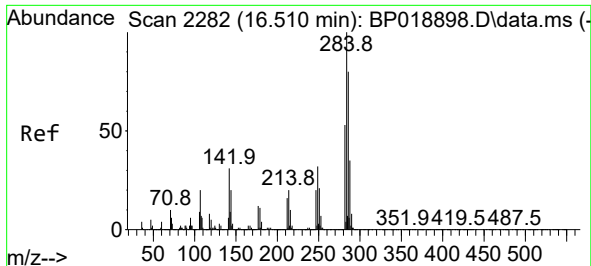
Tgt Ion:105 Resp: 62556
Ion Ratio Lower Upper
105 100
77 73.5 59.4 89.0
51 23.5 19.4 29.0



#61
Fluorene
Concen: 1.026 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

Tgt Ion:166 Resp: 45961
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 15.3 10.8 16.2

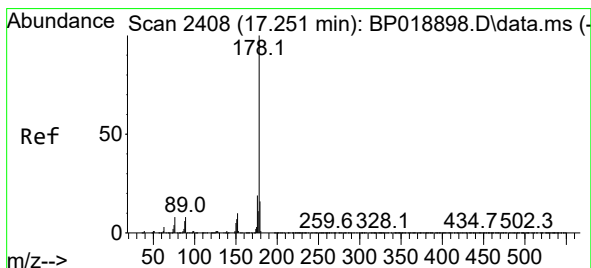
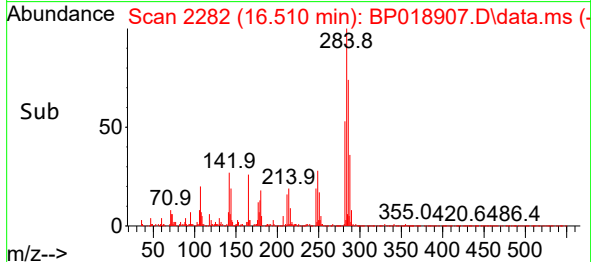
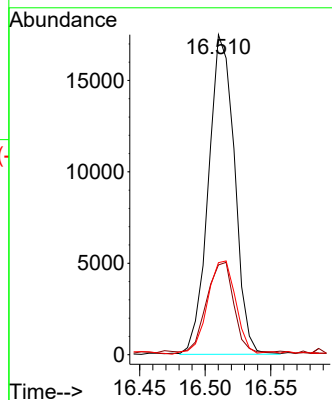
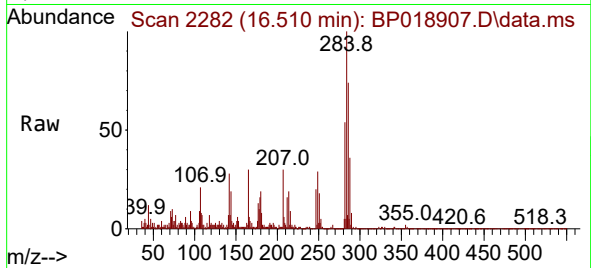




#69
Hexachlorobenzene
Concen: 1.409 ng/ul
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

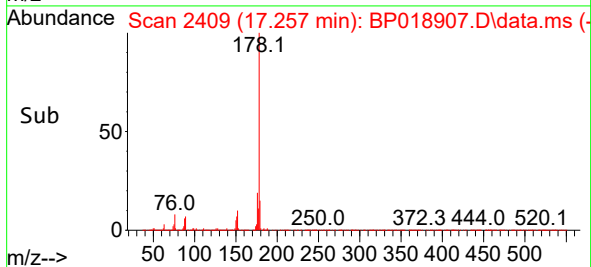
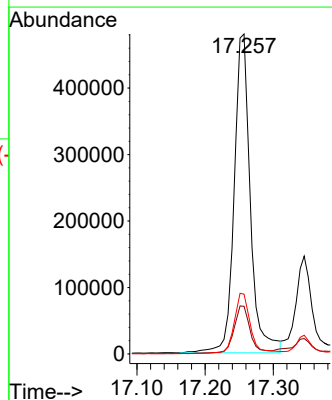
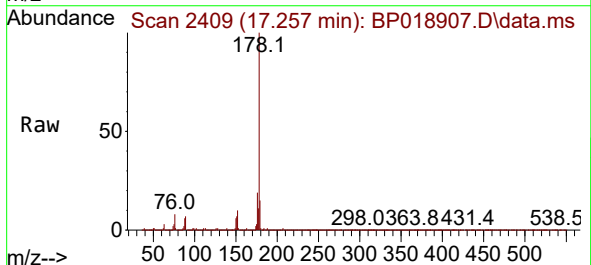
Instrument :
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ClientSampleId :
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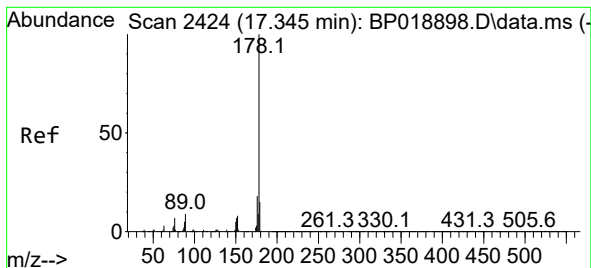
Tgt Ion:284 Resp: 24220
Ion Ratio Lower Upper
284 100
142 28.1 25.8 38.6
249 28.8 24.9 37.3



#72
Phenanthrene
Concen: 10.775 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

Tgt Ion:178 Resp: 793455
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.7 15.4 23.2





#74

Anthracene

Concen: 2.676 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP018907.D

Acq: 18 Dec 2023 15:18

Instrument :

BNA_P

ClientSampleId :

BH3Q0

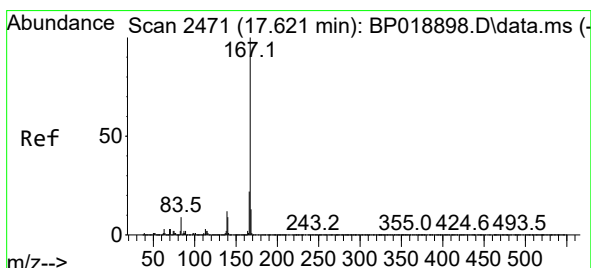
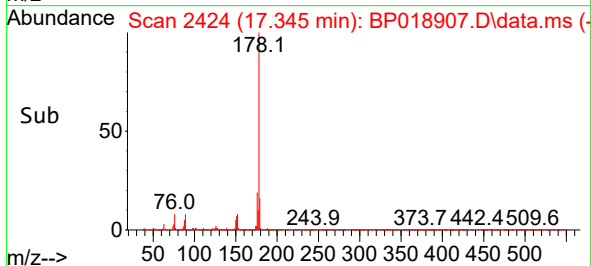
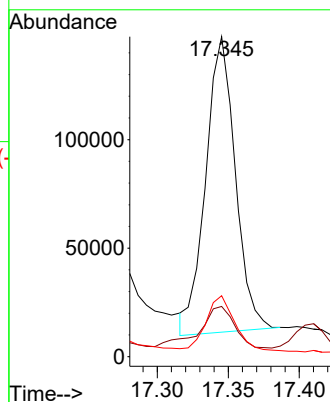
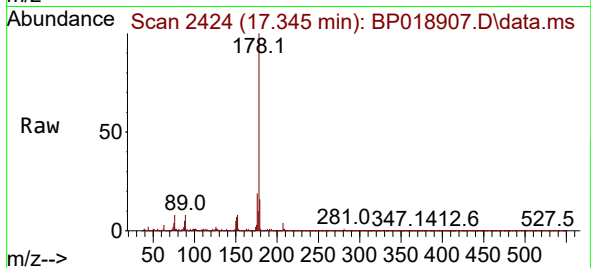
Tgt Ion:178 Resp: 197531

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.1 15.0 22.6



#77

Carbazole

Concen: 1.512 ng/ul

RT: 17.622 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP018907.D

Acq: 18 Dec 2023 15:18

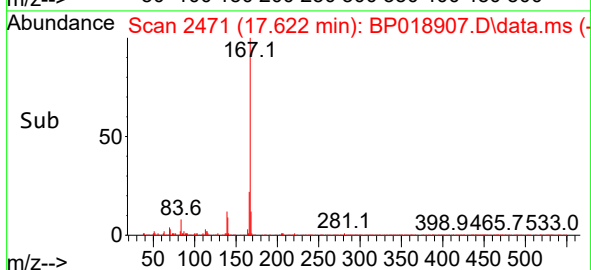
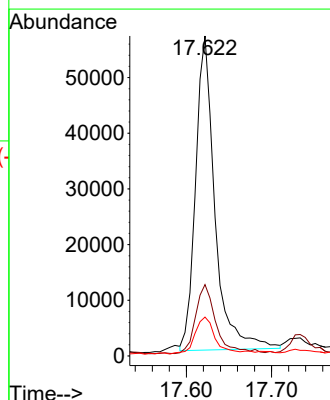
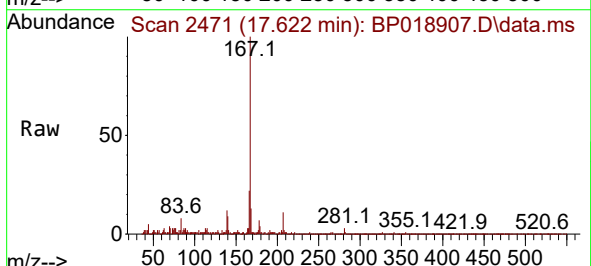
Tgt Ion:167 Resp: 88940

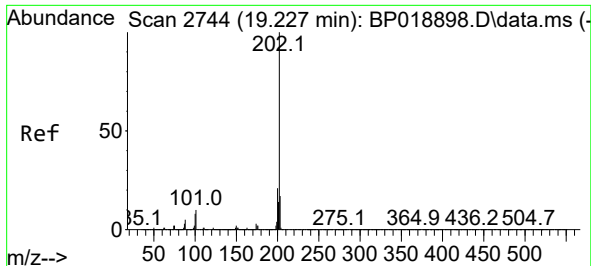
Ion Ratio Lower Upper

167 100

166 22.3 17.1 25.7

139 12.2 10.2 15.4

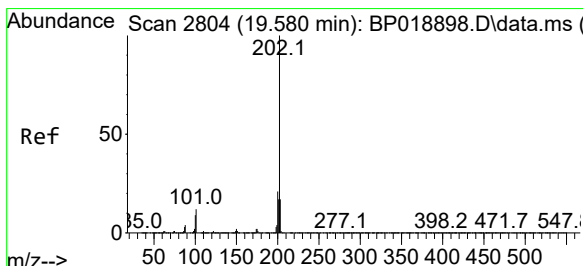
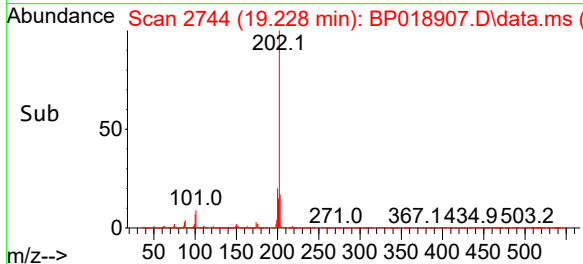
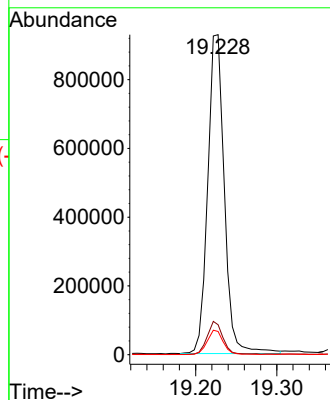
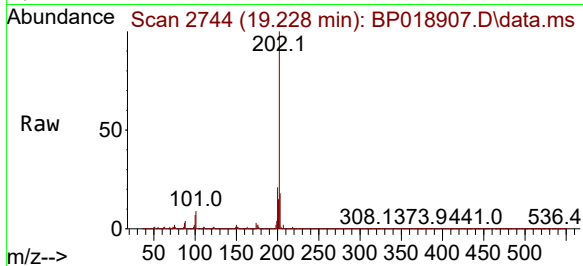




#80
Fluoranthene
Concen: 11.165 ng/ul
RT: 19.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

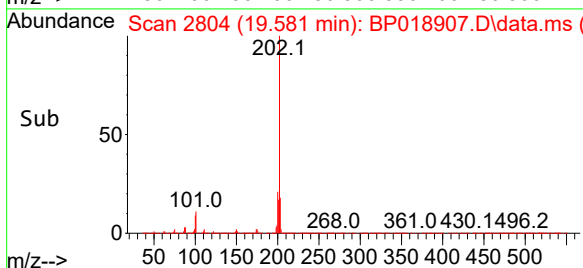
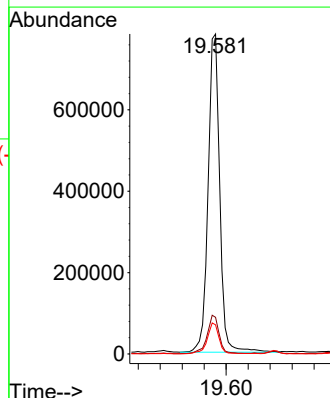
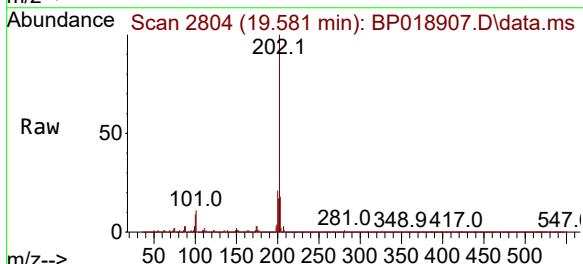
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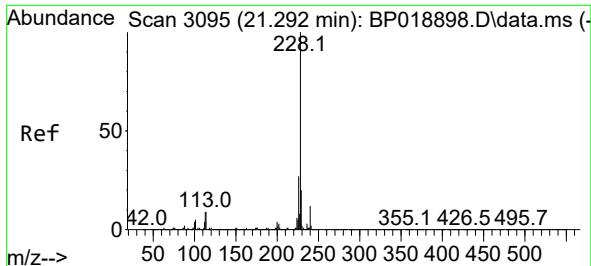
Tgt Ion:202 Resp: 1316142
Ion Ratio Lower Upper
202 100
101 9.4 9.1 13.7
100 7.2 7.1 10.7



#82
Pyrene
Concen: 9.631 ng/ul
RT: 19.581 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

Tgt Ion:202 Resp: 1145319
Ion Ratio Lower Upper
202 100
101 11.5 11.0 16.4
100 9.1 9.1 13.7

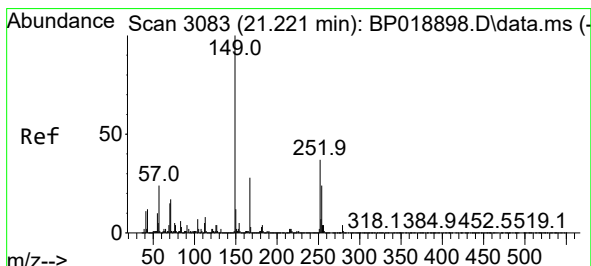
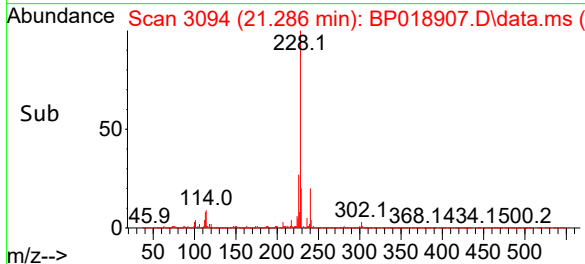
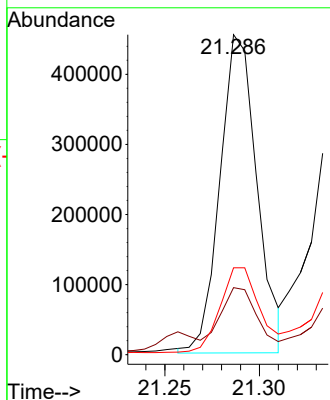
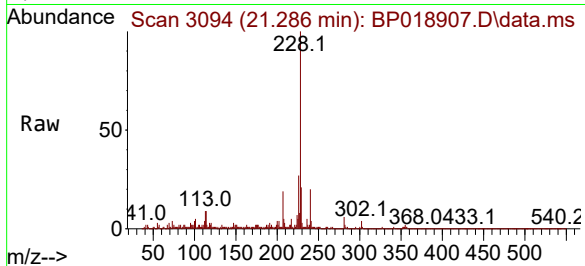




#85
Benzo(a)anthracene
Concen: 5.937 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

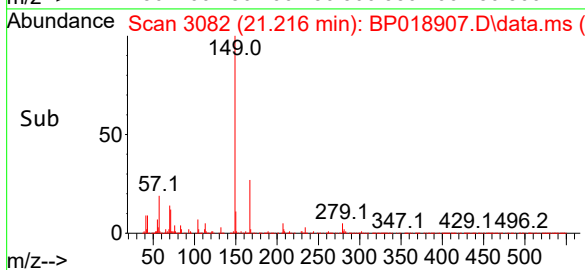
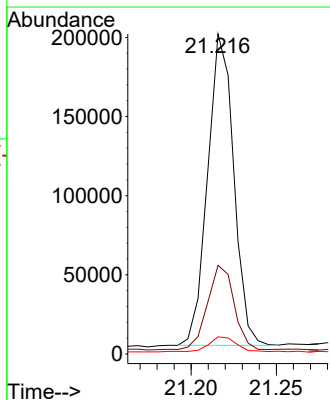
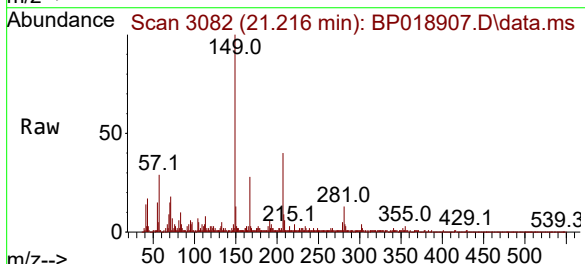
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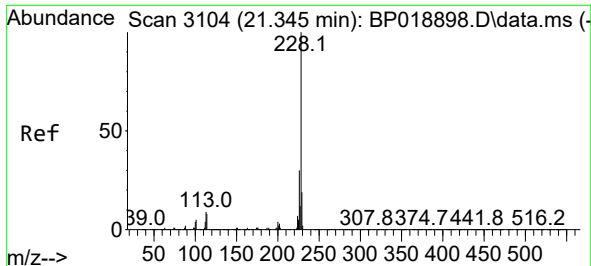
Tgt Ion:228 Resp: 617396
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 27.2 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.501 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

Tgt Ion:149 Resp: 209500
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 5.4 3.3 4.9#

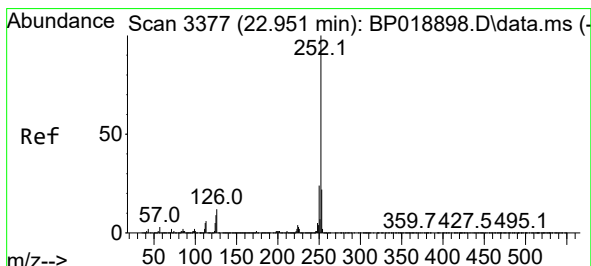
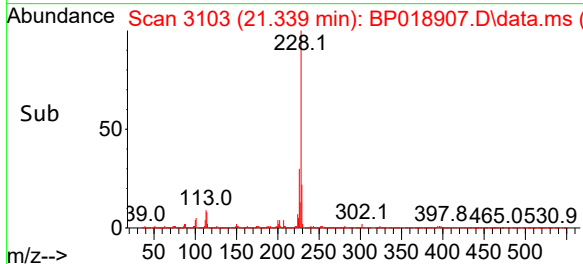
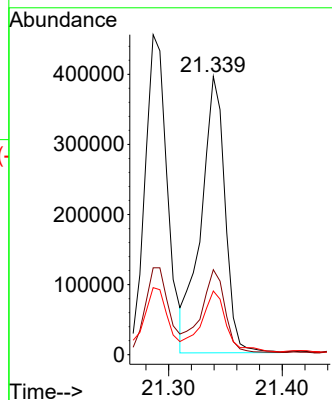
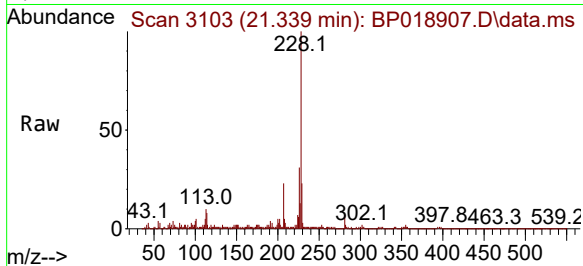




#87
Chrysene
Concen: 6.049 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

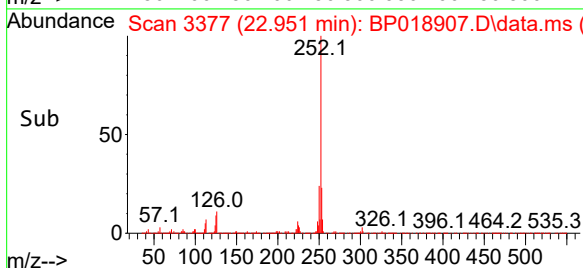
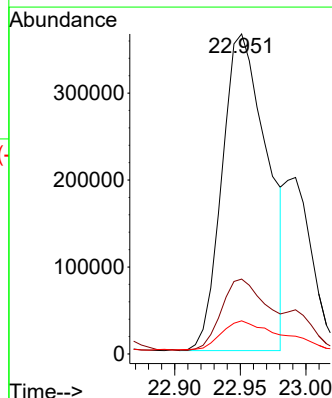
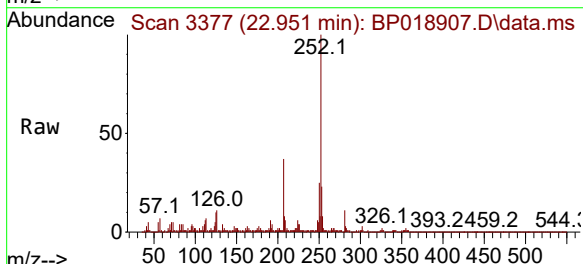
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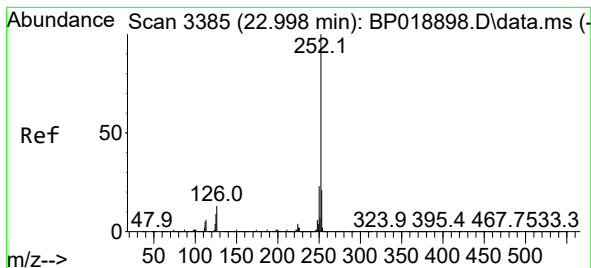
Tgt Ion:228 Resp: 579247
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 22.9 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 7.634 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP018907.D
Acq: 18 Dec 2023 15:18

Tgt Ion:252 Resp: 874612
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 10.3 7.8 11.6





#91

Benzo(k)fluoranthene

Concen: 7.890 ng/ul

RT: 22.951 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP018907.D

Acq: 18 Dec 2023 15:18

Instrument :

BNA_P

ClientSampleId :

BH3Q0

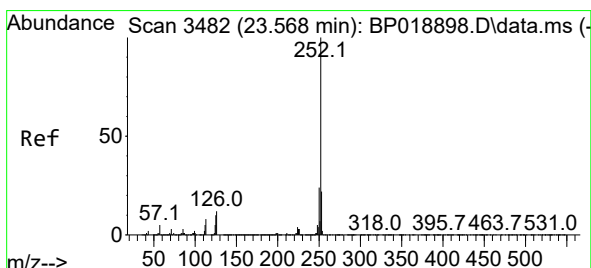
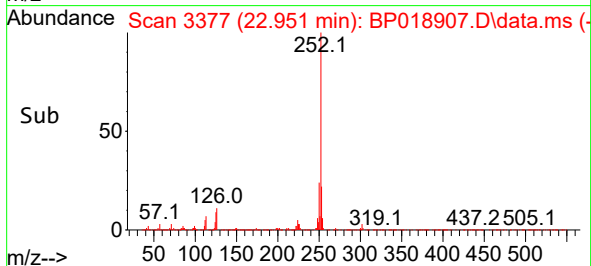
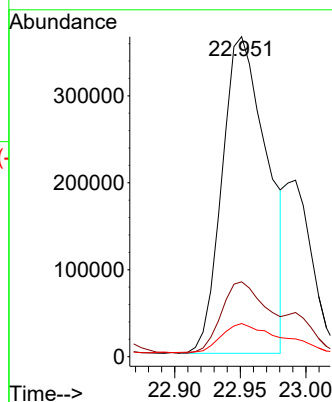
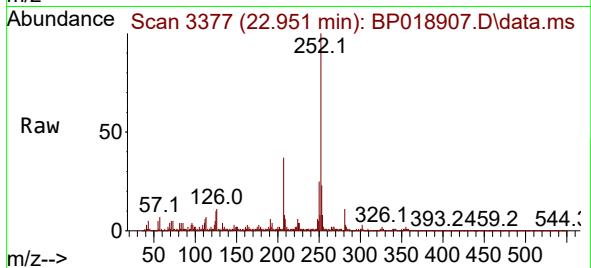
Tgt Ion:252 Resp: 874612

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 10.3 8.0 12.0



#93

Benzo(a)pyrene

Concen: 6.084 ng/ul

RT: 23.563 min Scan# 3481

Delta R.T. 0.000 min

Lab File: BP018907.D

Acq: 18 Dec 2023 15:18

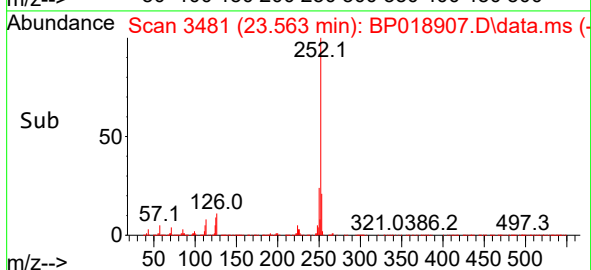
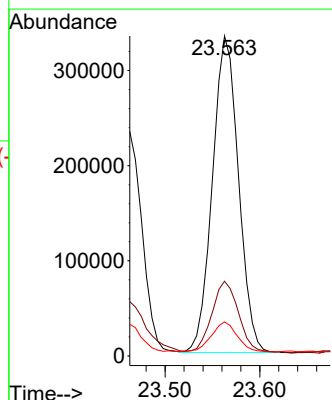
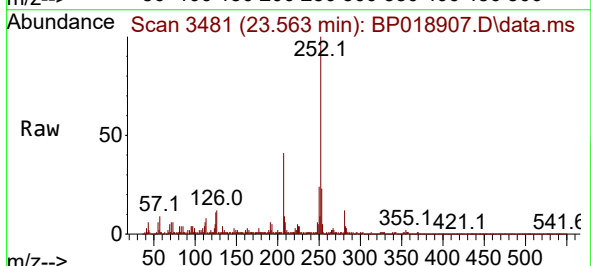
Tgt Ion:252 Resp: 636940

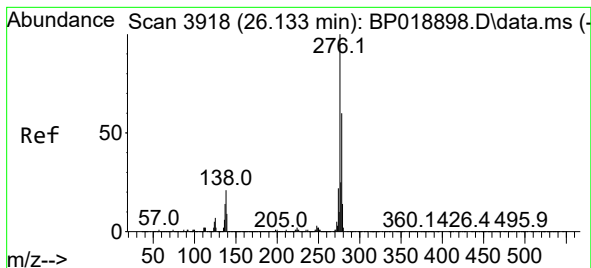
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 10.6 9.2 13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.272 ng/ul

RT: 26.127 min Scan# 3917

Delta R.T. 0.006 min

Lab File: BP018907.D

Acq: 18 Dec 2023 15:18

Instrument :

BNA_P

ClientSampleId :

BH3Q0

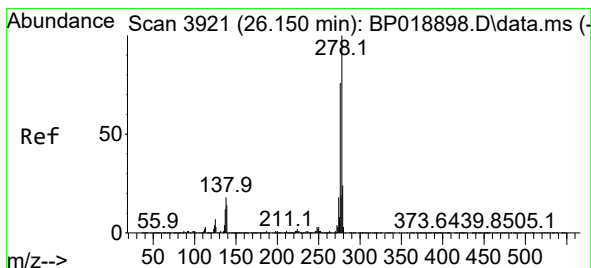
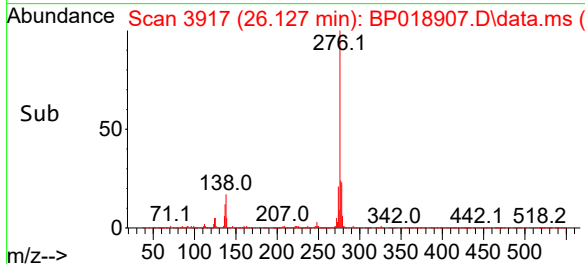
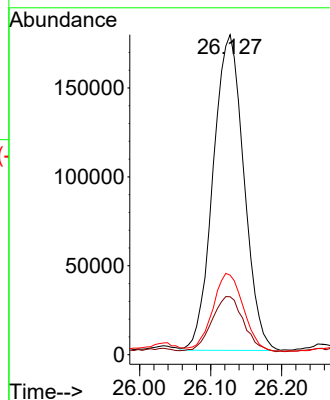
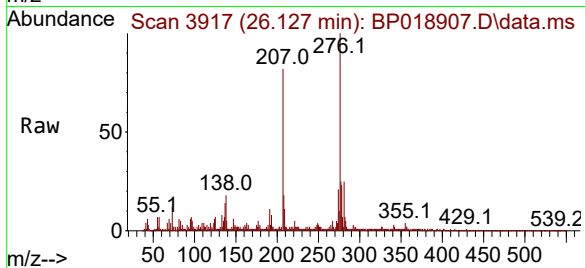
Tgt Ion:276 Resp: 534379

Ion Ratio Lower Upper

276 100

138 18.1 19.4 29.2#

277 24.8 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 1.452 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.006 min

Lab File: BP018907.D

Acq: 18 Dec 2023 15:18

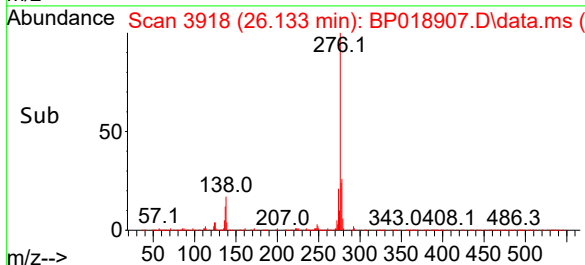
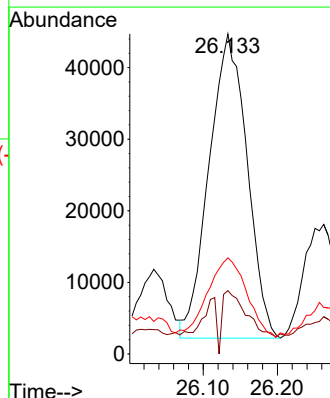
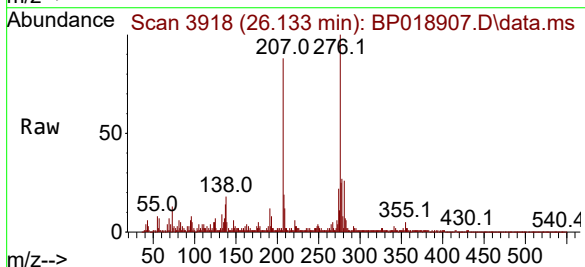
Tgt Ion:278 Resp: 151045

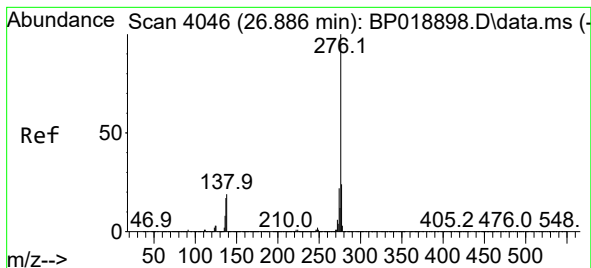
Ion Ratio Lower Upper

278 100

139 19.8 13.0 19.6#

279 30.0 18.7 28.1#





#96

Benzo(g,h,i)perylene

Concen: 2.793 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. 0.012 min

Lab File: BP018907.D

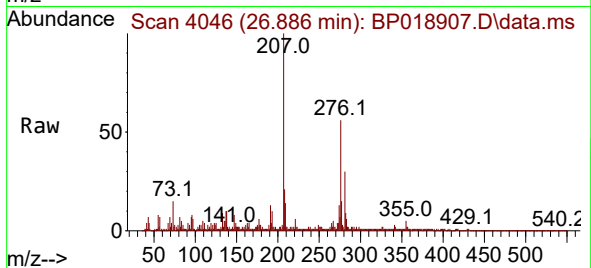
Acq: 18 Dec 2023 15:18

Instrument :

BNA_P

ClientSampleId :

BH3Q0



Tgt Ion:276 Resp: 281160

Ion Ratio Lower Upper

276 100

138 18.3 18.1 27.1

277 26.3 19.4 29.0

