

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018838.D
 Acq On : 14 Dec 2023 12:29
 Operator : MA/JU
 Sample : 05646-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AS5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 22:11:28 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	222780	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	807393	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	492770	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1147842	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1289554	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1535961	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	25888	3.960	ng/uL	0.00
4) Pyridine-d5	3.670	84	293529	16.762	ng/u1	0.00
7) Phenol-d5	6.993	99	415478	18.584	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	251164	18.955	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.352	132	329643	18.896	ng/u1	-0.01
15) 4-Methylphenol-d8	8.534	113	330533	18.269	ng/u1	-0.01
21) Nitrobenzene-d5	8.987	128	153967	21.426	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	164834	22.125	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.246	165	331422	21.755	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	428678	21.531	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1059484	24.090	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1217094	25.132	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	161169	22.325	ng/u1	0.00
60) Fluorene-d10	15.457	176	970900	26.300	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	121495	17.653	ng/u1	0.00
73) Anthracene-d10	17.310	188	1618154	26.815	ng/u1	0.00
81) Pyrene-d10	19.551	212	2117858	21.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	2374101	26.509	ng/u1	0.00
Target Compounds						
8) Phenol	7.022	94	52208	2.381	ng/u1	98
12) 2-Chlorophenol	7.387	128	48294	2.735	ng/u1	99
18) 4-Methylphenol	8.593	108	73737	4.023	ng/u1	93
39) 1,2,4,5-Tetrachloroben...	12.651	216	313972m	17.562	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.257	216	1229801	61.963	ng/uL	99
76) Pentachlorobenzene	14.775	250	117944	6.050	ng/uL	97

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

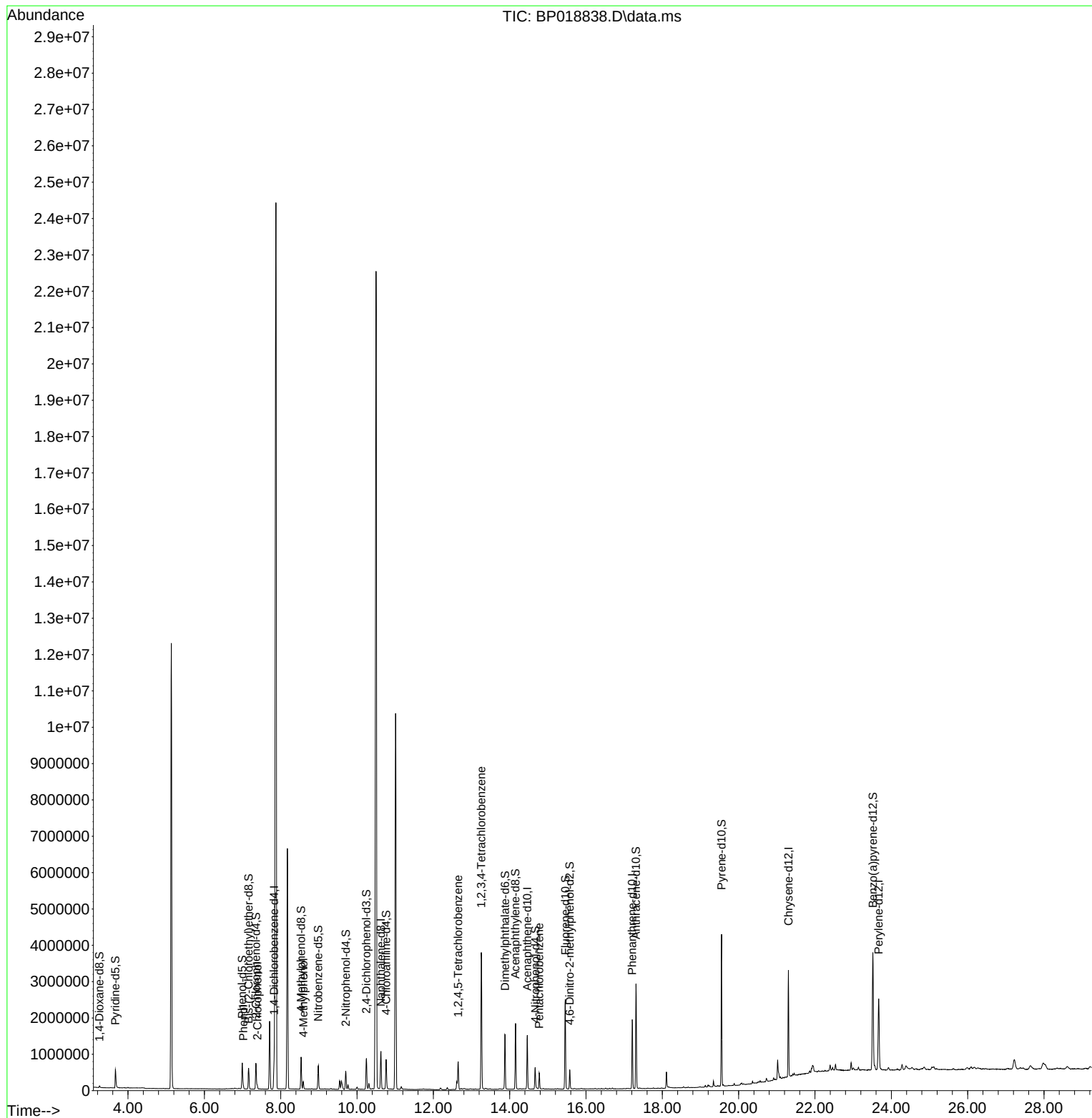
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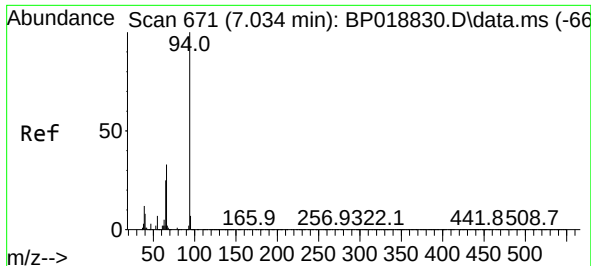
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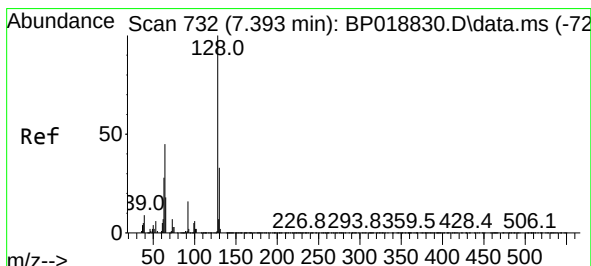
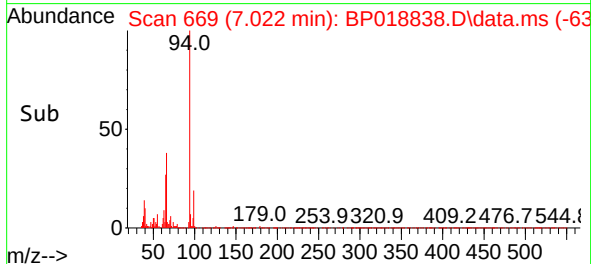
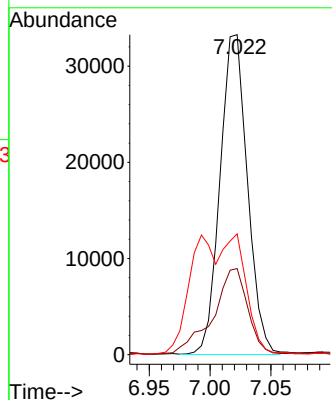
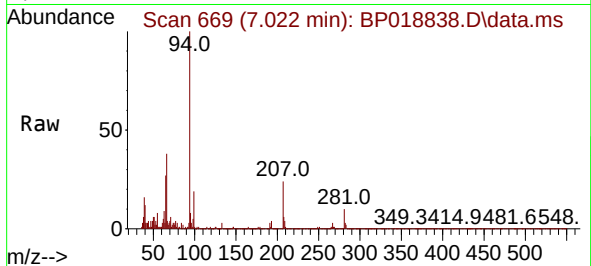
#8
Phenol
Concen: 2.381 ng/ul
RT: 7.022 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018838.D
Acq: 14 Dec 2023 12:29

Instrument :
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ClientSampleId :
C0AS5

Tgt Ion: 94 Resp: 52208
Ion Ratio Lower Upper
94 100
65 26.9 21.0 31.6
66 37.7 28.6 43.0

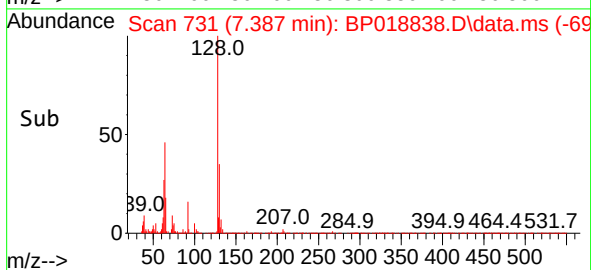
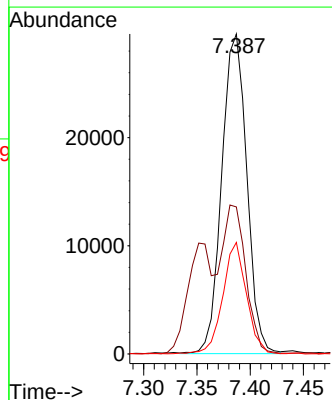
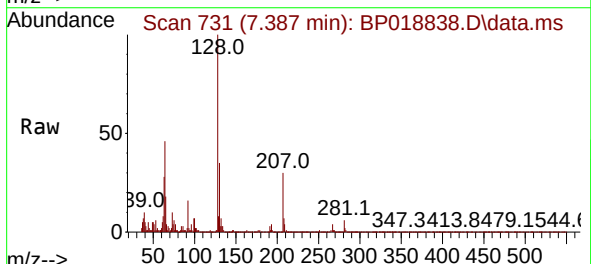
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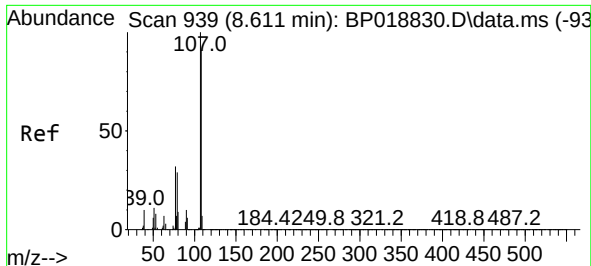
Reviewed By :Yogesh Patel 12/15/2023
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#12
2-Chlorophenol
Concen: 2.735 ng/ul
RT: 7.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP018838.D
Acq: 14 Dec 2023 12:29

Tgt Ion:128 Resp: 48294
Ion Ratio Lower Upper
128 100
64 46.0 37.0 55.4
130 34.9 26.8 40.2





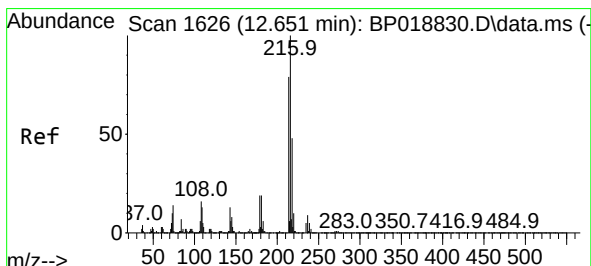
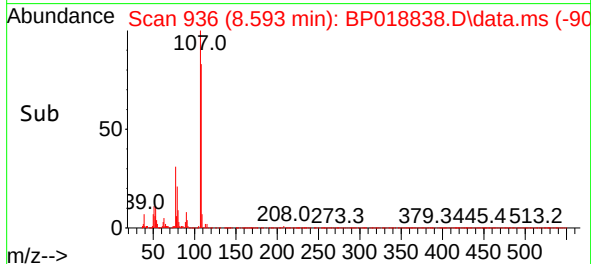
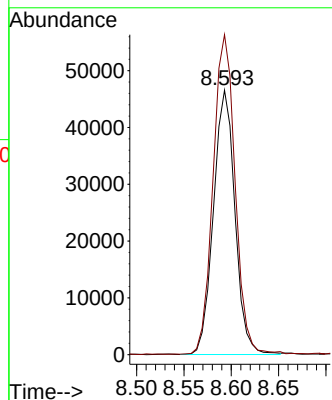
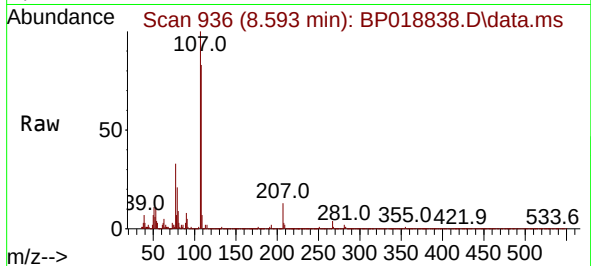
#18
4-Methylphenol
Concen: 4.023 ng/ul
RT: 8.593 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP018838.D
Acq: 14 Dec 2023 12:29

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ClientSampleId :
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Tgt Ion:108 Resp: 7373
Ion Ratio Lower Upper
108 100
107 121.0 90.6 136.0

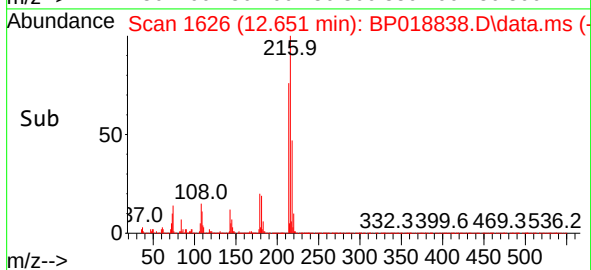
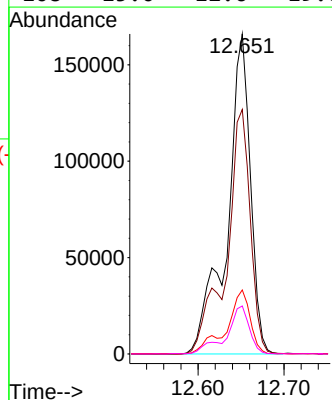
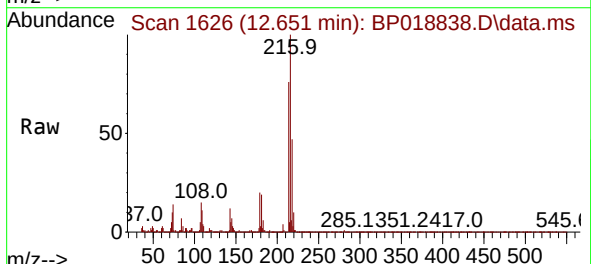
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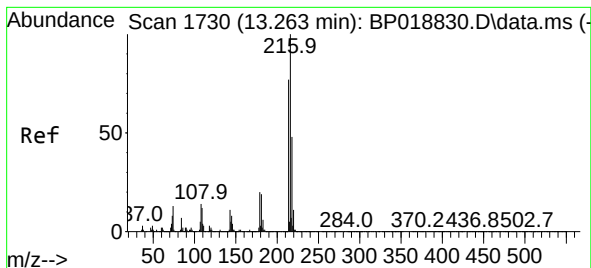
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.562 ng/ul m
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP018838.D
Acq: 14 Dec 2023 12:29

Tgt Ion:216 Resp: 313972
Ion Ratio Lower Upper
216 100
214 76.4 63.9 95.9
179 20.0 16.3 24.5
108 15.0 12.6 19.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 61.963 ng/uL

RT: 13.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018838.D

Acq: 14 Dec 2023 12:29

Instrument :

BNA_P

ClientSampleId :

C0AS5

Tgt Ion:216 Resp: 122980

Ion Ratio Lower Upper

216 100

214 77.6 61.4 92.2

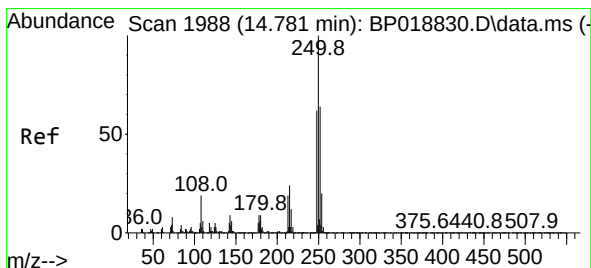
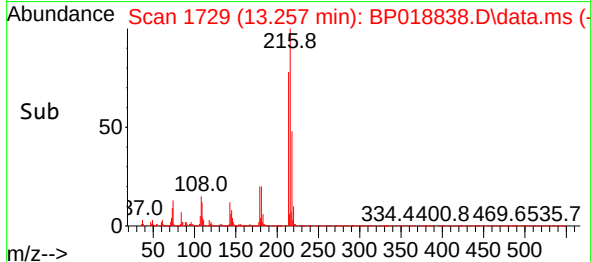
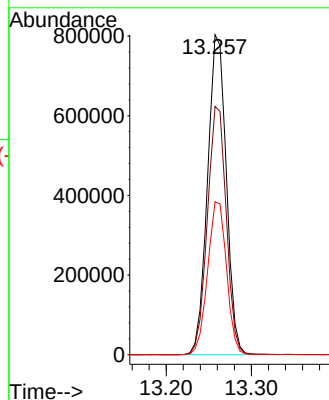
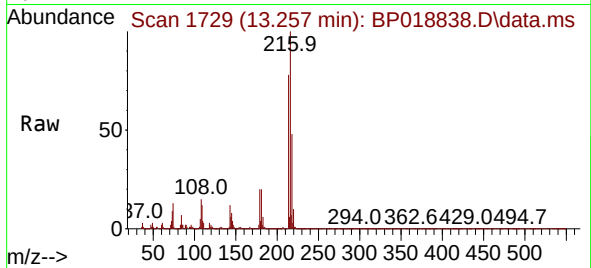
218 47.8 39.2 58.8

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#76

Pentachlorobenzene

Concen: 6.050 ng/uL

RT: 14.775 min Scan# 1987

Delta R.T. -0.006 min

Lab File: BP018838.D

Acq: 14 Dec 2023 12:29

Tgt Ion:250 Resp: 117944

Ion Ratio Lower Upper

250 100

248 61.8 50.6 75.8

252 60.7 51.3 76.9

