

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
 Data File : BP018890.D
 Acq On : 15 Dec 2023 21:10
 Operator : MA/JU
 Sample : 05752-03DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 23:40:48 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	7.834	152	306080	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1133928	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	681612	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1429163	20.000	ng/u1	-0.01
79) Chrysene-d12	21.298	240	1336840	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	1571083	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	10210	1.137	ng/uL	0.00
4) Pyridine-d5	3.681	84	121872	5.066	ng/u1	0.00
7) Phenol-d5	6.998	99	176801	5.756	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	114420	6.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	137587	5.740	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	141526	5.693	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	57170	5.665	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	51898	4.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	133017	6.217	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	177510	6.348	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	410524	6.748	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	466911	6.970	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	31326	3.137	ng/u1	0.00
60) Fluorene-d10	15.451	176	378702	7.416	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	22386	2.612	ng/u1	-0.01
73) Anthracene-d10	17.304	188	551651	7.342	ng/u1	0.00
81) Pyrene-d10	19.539	212	634583	6.098	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.497	264	646116	7.053	ng/u1	-0.02
Target Compounds					Qvalue	
39) 1,2,4,5-Tetrachloroben...	12.651	216	212165m	8.579	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.257	216	686590	27.784	ng/uL	99
76) Pentachlorobenzene	14.774	250	71881	2.961	ng/uL	99

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

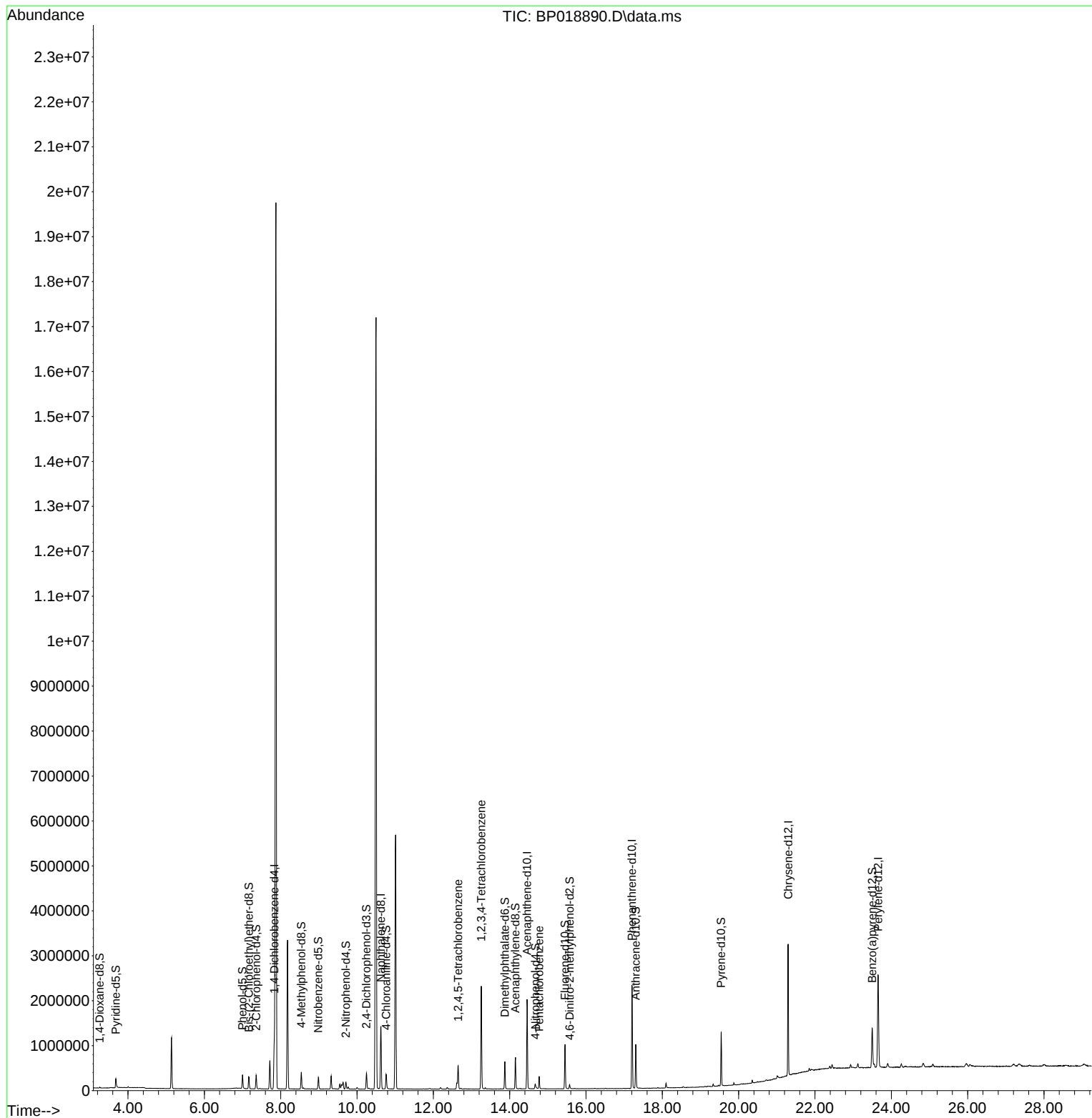
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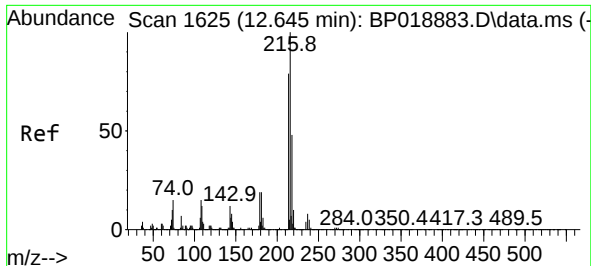
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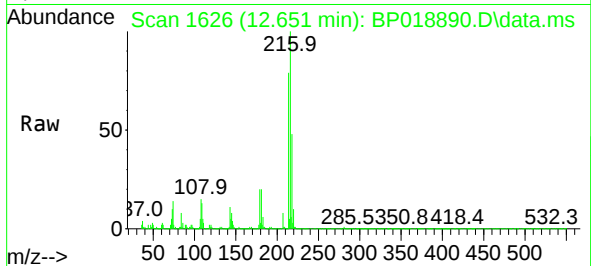
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023





#39
1,2,4,5-Tetrachlorobenzene
Concen: 8.579 ng/ul m
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP018890.D
Acq: 15 Dec 2023 21:10

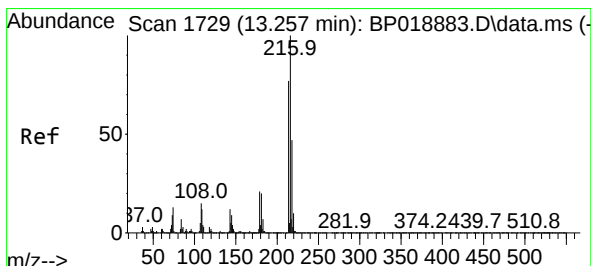
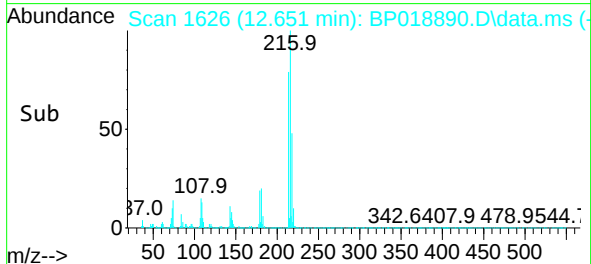
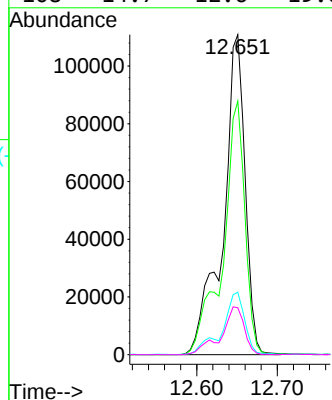
Instrument :
BNA_P
ClientSampleId :
C0AT1DL



Tgt Ion:216 Resp: 21216
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 19.5 16.3 24.5
108 14.7 12.6 19.0

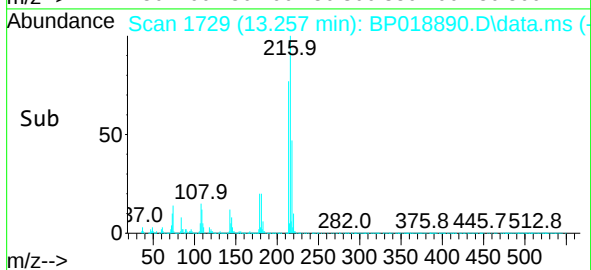
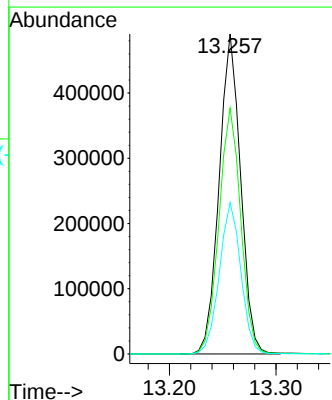
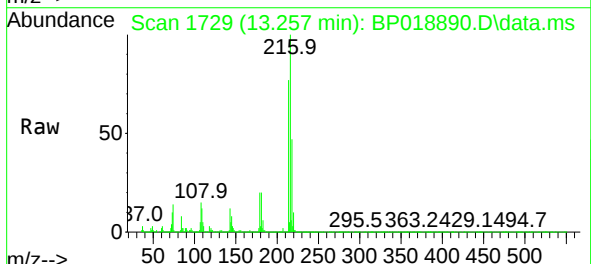
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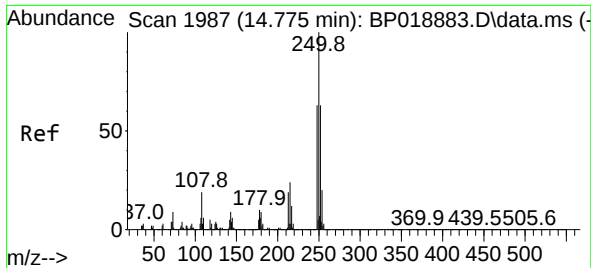
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.784 ng/uL
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP018890.D
Acq: 15 Dec 2023 21:10

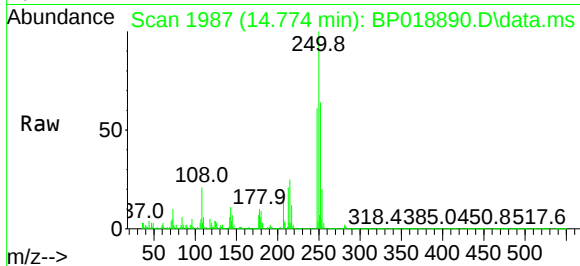
Tgt Ion:216 Resp: 686590
Ion Ratio Lower Upper
216 100
214 76.8 61.4 92.2
218 47.3 39.2 58.8





#76
 Pentachlorobenzene
 Concen: 2.961 ng/uL
 RT: 14.774 min Scan# 1987
 Delta R.T. -0.006 min
 Lab File: BP018890.D
 Acq: 15 Dec 2023 21:10

Instrument :
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Tgt Ion:250 Resp: 7188
 Ion Ratio Lower Upper
 250 100
 248 61.5 50.6 75.8
 252 64.3 51.3 76.9

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