

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019052.D
 Acq On : 22 Dec 2023 22:16
 Operator : MA/JU
 Sample : 05835-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AR7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 23:08:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	138302	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	528370	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	352211	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	848163	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.292	240	887813	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	1026030	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	26233	6.464	ng/uL	0.00
4) Pyridine-d5	3.669	84	371510	34.175	ng/u1	0.00
7) Phenol-d5	6.993	99	506817	36.517	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	297632	36.182	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	399163	36.858	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	401186	35.718	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	194590	41.379	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	226352	46.426	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	424680	42.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	538769	41.352	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	1321511	42.039	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1514201	43.745	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	230697	44.709	ng/u1	0.00
60) Fluorene-d10	15.445	176	1187341	44.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	210741	41.439	ng/u1	0.00
73) Anthracene-d10	17.304	188	1944462	43.608	ng/u1	0.00
81) Pyrene-d10	19.539	212	2441451	35.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	2625643	43.889	ng/u1	0.00
Target Compounds						
8) Phenol	7.022	94	14761	1.085	ng/u1#	88
39) 1,2,4,5-Tetrachloroben...	12.639	216	281951m	22.064	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.251	216	989059	67.441	ng/uL	99
76) Pentachlorobenzene	14.769	250	114083	7.919	ng/uL	100

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

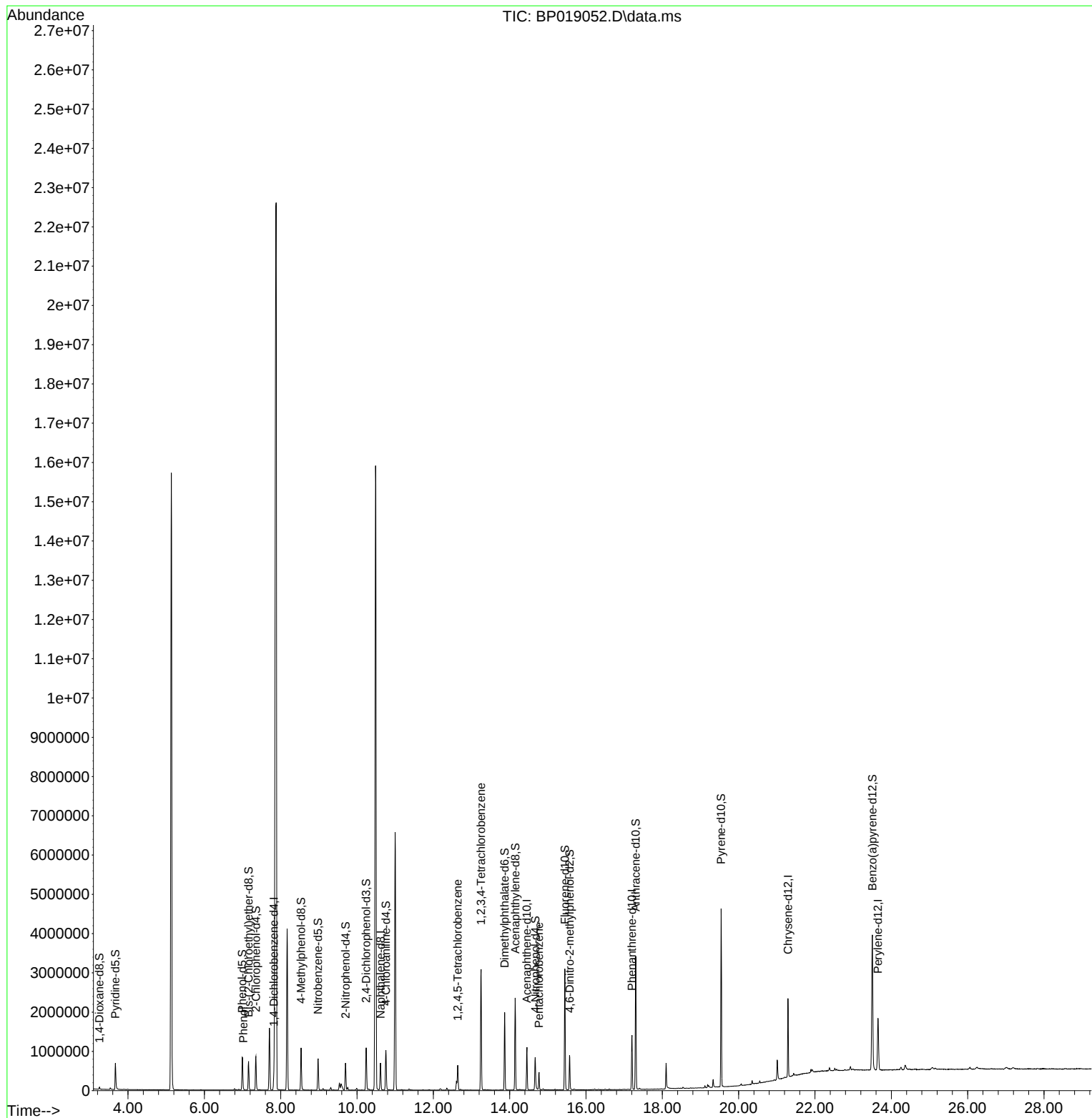
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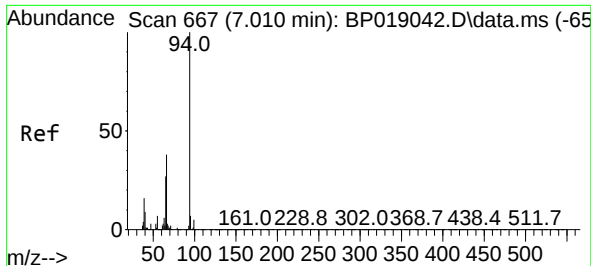
Instrument :
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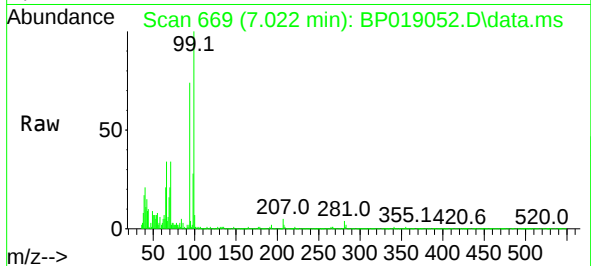
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023





#8
Phenol
Concen: 1.085 ng/ul
RT: 7.022 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP019052.D
Acq: 22 Dec 2023 22:16

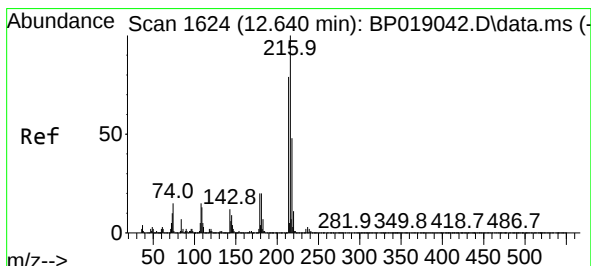
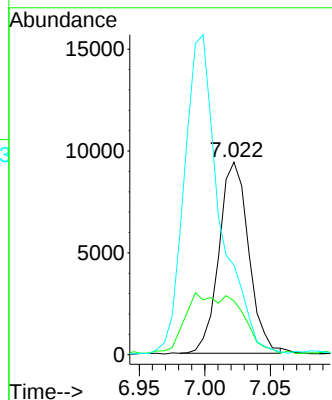
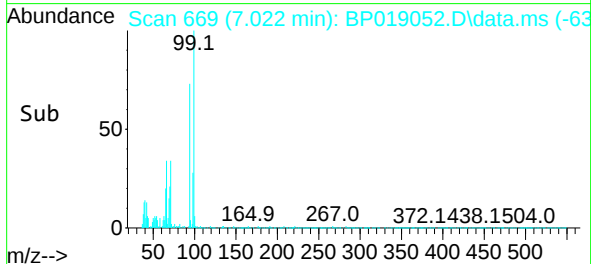
Instrument :
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ClientSampleId :
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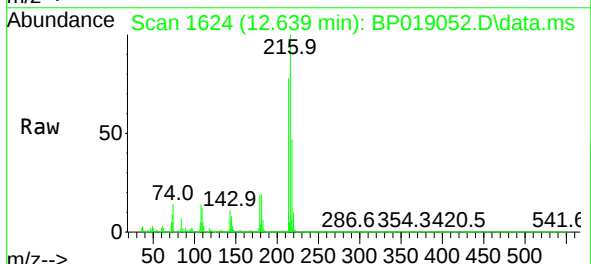
Tgt Ion: 94 Resp: 1476
Ion Ratio Lower Upper
94 100
65 28.0 21.0 31.6
66 46.6 28.6 43.0

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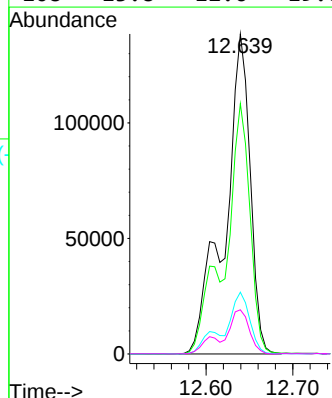
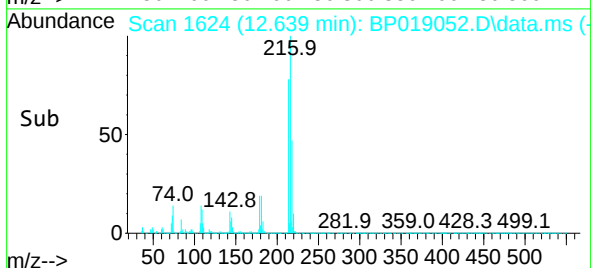
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

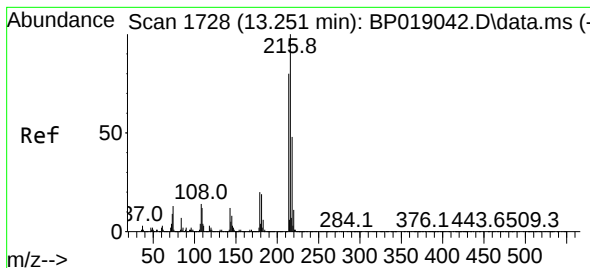


#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.064 ng/ul m
RT: 12.639 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BP019052.D
Acq: 22 Dec 2023 22:16



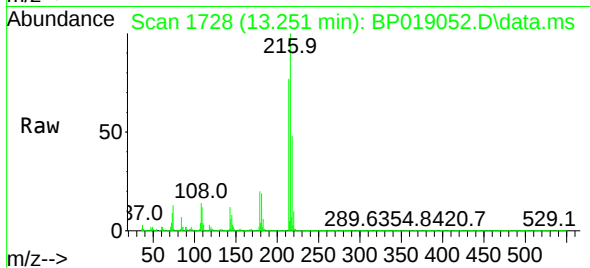
Tgt Ion:216 Resp: 281951
Ion Ratio Lower Upper
216 100
214 78.2 63.9 95.9
179 19.3 16.3 24.5
108 13.8 12.6 19.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 67.441 ng/uL
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP019052.D
Acq: 22 Dec 2023 22:16

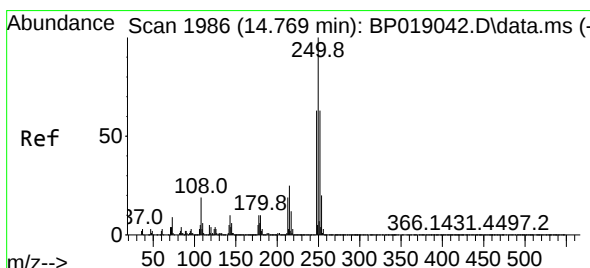
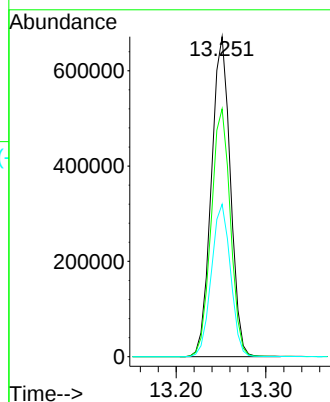
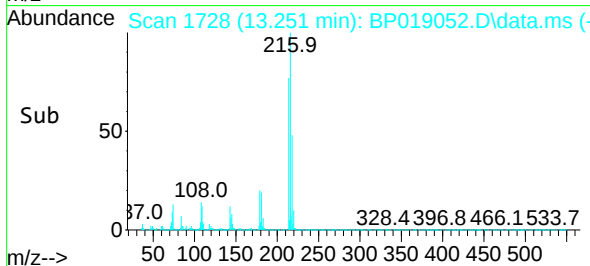
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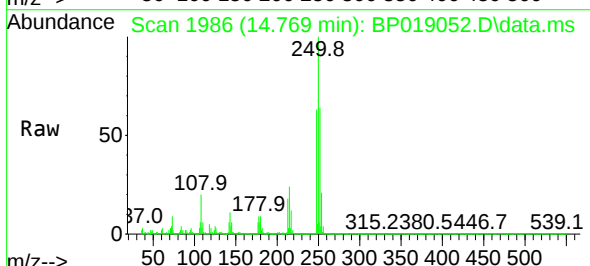
Tgt Ion:216 Resp: 989059
Ion Ratio Lower Upper
216 100
214 77.5 61.4 92.2
218 47.7 39.2 58.8

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#76
Pentachlorobenzene
Concen: 7.919 ng/uL
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP019052.D
Acq: 22 Dec 2023 22:16



Tgt Ion:250 Resp: 114083
Ion Ratio Lower Upper
250 100
248 63.0 50.6 75.8
252 64.4 51.3 76.9

