

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029610.D
 Acq On : 09 Feb 2024 15:08
 Operator : MA/JU
 Sample : P1348-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0R23DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

Quant Time: Feb 09 22:24:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	192501	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	799543	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	397893	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	740242	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	582798	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	654795	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	5351	0.914	ng/uL	0.00
4) Pyridine-d5	3.758	84	25833m	1.655	ng/u1	0.02
7) Phenol-d5	7.046	99	29627	1.645	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	102977	8.569	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	88791	6.805	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	54876	4.087	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	52240	8.418	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	44866	8.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	79466	7.449	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	64127	3.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	265396	8.959	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	298814	8.494	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.516	176	221665	8.796	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	17932	4.972	ng/u1	0.00
73) Anthracene-d10	17.375	188	307375	8.860	ng/u1	0.00
81) Pyrene-d10	19.669	212	331598	9.481	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.692	264	299967	9.155	ng/u1	-0.01
Target Compounds						
8) Phenol	7.069	94	34365	1.862	ng/u1	92
22) Nitrobenzene	9.093	77	284176	16.162	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	132826	11.262	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	304623	28.044	ng/uL	98

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

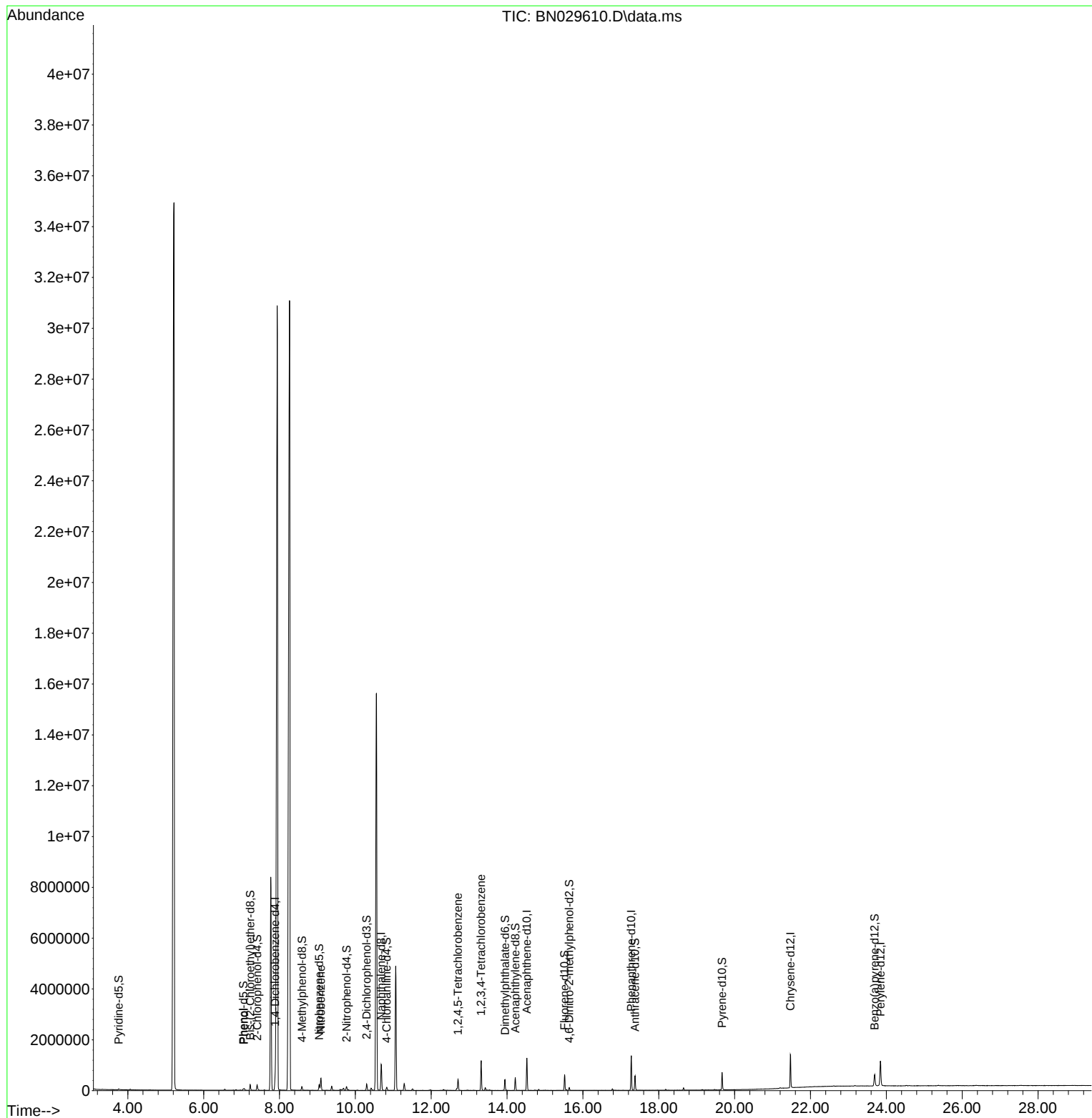
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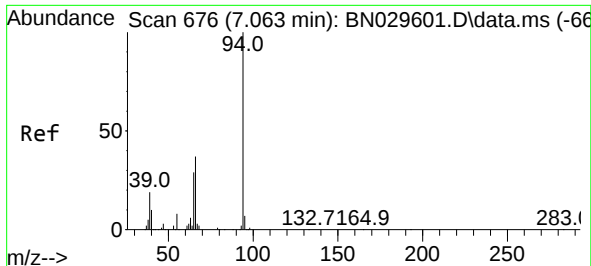
Instrument :
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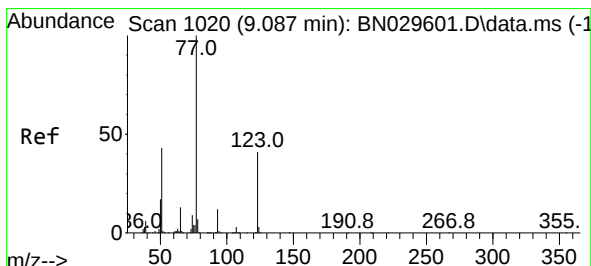
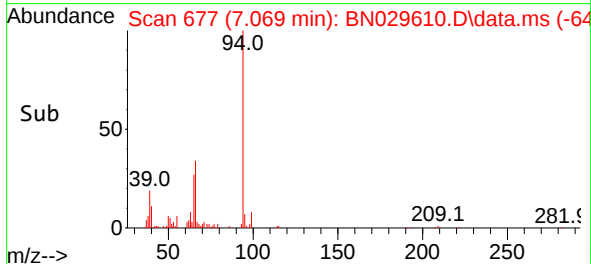
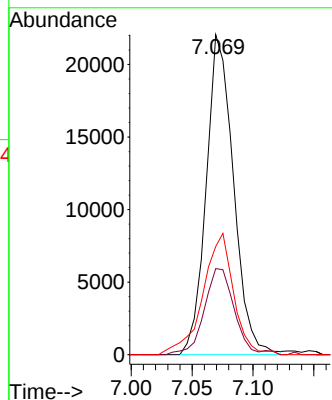
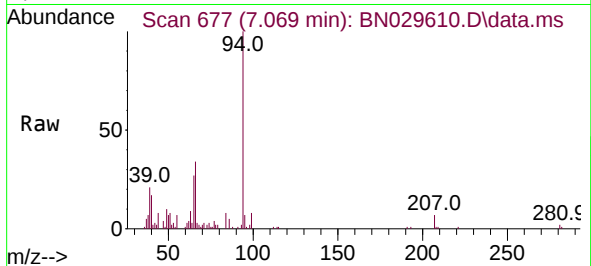
#8
Phenol
Concen: 1.862 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN029610.D
Acq: 09 Feb 2024 15:08

Instrument :
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ClientSampleId :
C0R23DL

Tgt Ion: 94 Resp: 3436
Ion Ratio Lower Upper
94 100
65 26.9 23.9 35.9
66 33.8 32.2 48.2

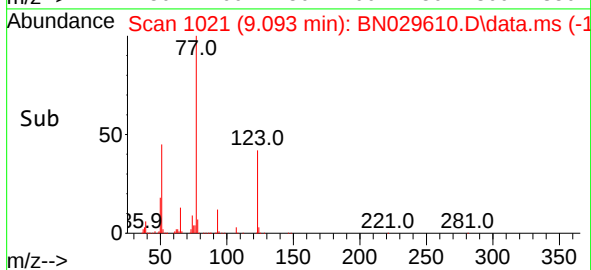
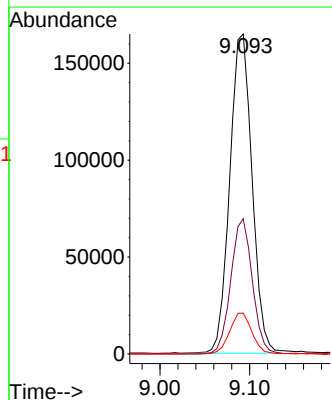
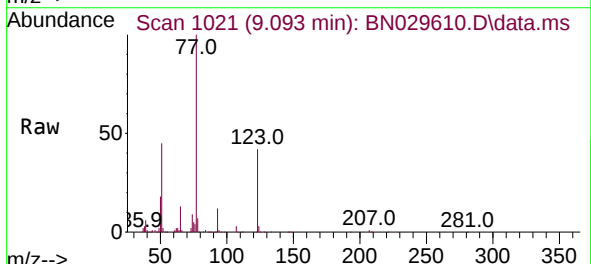
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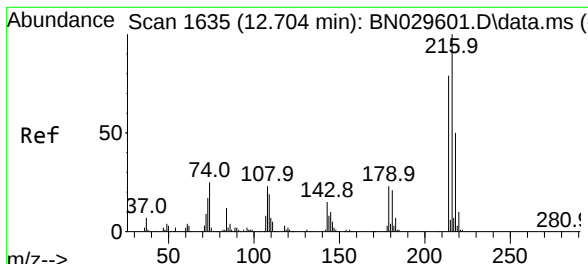
Reviewed By :Jagrut Upadhyay 02/12/2024
Supervised By :mohammad ahmed 02/13/2024



#22
Nitrobenzene
Concen: 16.162 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BN029610.D
Acq: 09 Feb 2024 15:08

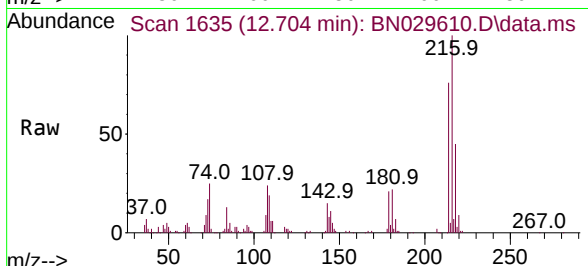
Tgt Ion: 77 Resp: 284176
Ion Ratio Lower Upper
77 100
123 42.2 33.6 50.4
65 12.8 10.6 16.0





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.262 ng/ul
 RT: 12.704 min Scan# 1635
 Delta R.T. -0.012 min
 Lab File: BN029610.D
 Acq: 09 Feb 2024 15:08

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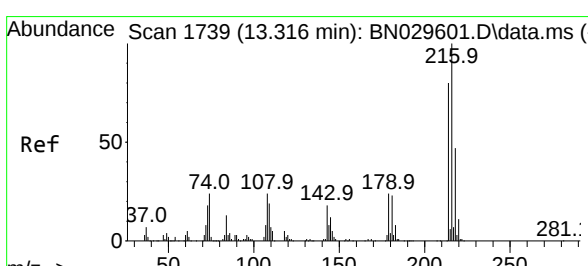
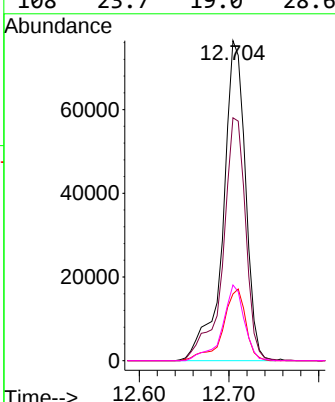
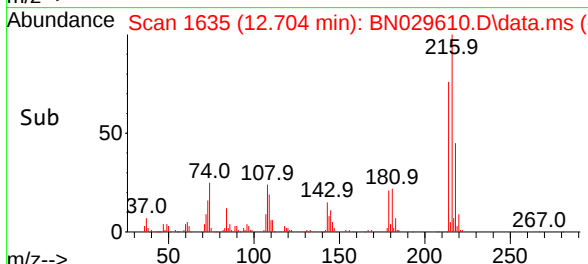


Tgt Ion:216 Resp: 132820

Ion	Ratio	Lower	Upper
216	100		
214	75.9	60.4	90.6
179	20.8	18.6	28.0
108	23.7	19.0	28.6

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#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.044 ng/uL
 RT: 13.316 min Scan# 1739
 Delta R.T. -0.006 min
 Lab File: BN029610.D
 Acq: 09 Feb 2024 15:08

Tgt Ion:216 Resp: 304623

Ion	Ratio	Lower	Upper
216	100		
214	76.9	60.1	90.1
218	47.4	38.5	57.7

