

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023769.D
 Acq On : 28 Jan 2025 11:48
 Operator : RC/JU
 Sample : Q1174-22DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2953DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 08:11:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	594412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2554944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1642556	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	3122341	20.000	ng/u1	0.00
79) Chrysene-d12	21.674	240	3218185	20.000	ng/u1	0.00
88) Perylene-d12	25.080	264	3501346	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	39488	2.676	ng/uL	0.00
4) Pyridine-d5	3.717	84	245177	5.757	ng/u1	0.01
7) Phenol-d5	6.975	99	353950	7.037	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	576029	20.276	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	808589	21.147	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	606970	15.347	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	426087	22.135	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	440932	24.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	846145	22.810	ng/u1	0.02
31) 4-Chloroaniline-d4	10.699	131	520860	8.780	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	2450667	20.746	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2943582	21.531	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	143098m	6.029	ng/u1	0.06
60) Fluorene-d10	15.422	176	2186403	21.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	307335	19.988	ng/u1	0.01
73) Anthracene-d10	17.316	188	3391629	22.626	ng/u1	0.00
81) Pyrene-d10	19.686	212	3892981	23.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	3945997	22.516	ng/u1	-0.01
Target Compounds						
					Qvalue	
18) 4-Methylphenol	8.563	108	346835	8.168	ng/u1	89
26) 2,4-Dimethylphenol	9.781	107	2174742m	50.642	ng/u1	
30) Naphthalene	10.622	128	190792	1.388	ng/u1	99
37) 1-Methylnaphthalene	12.445	142	127447	1.373	ng/u1#	99

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

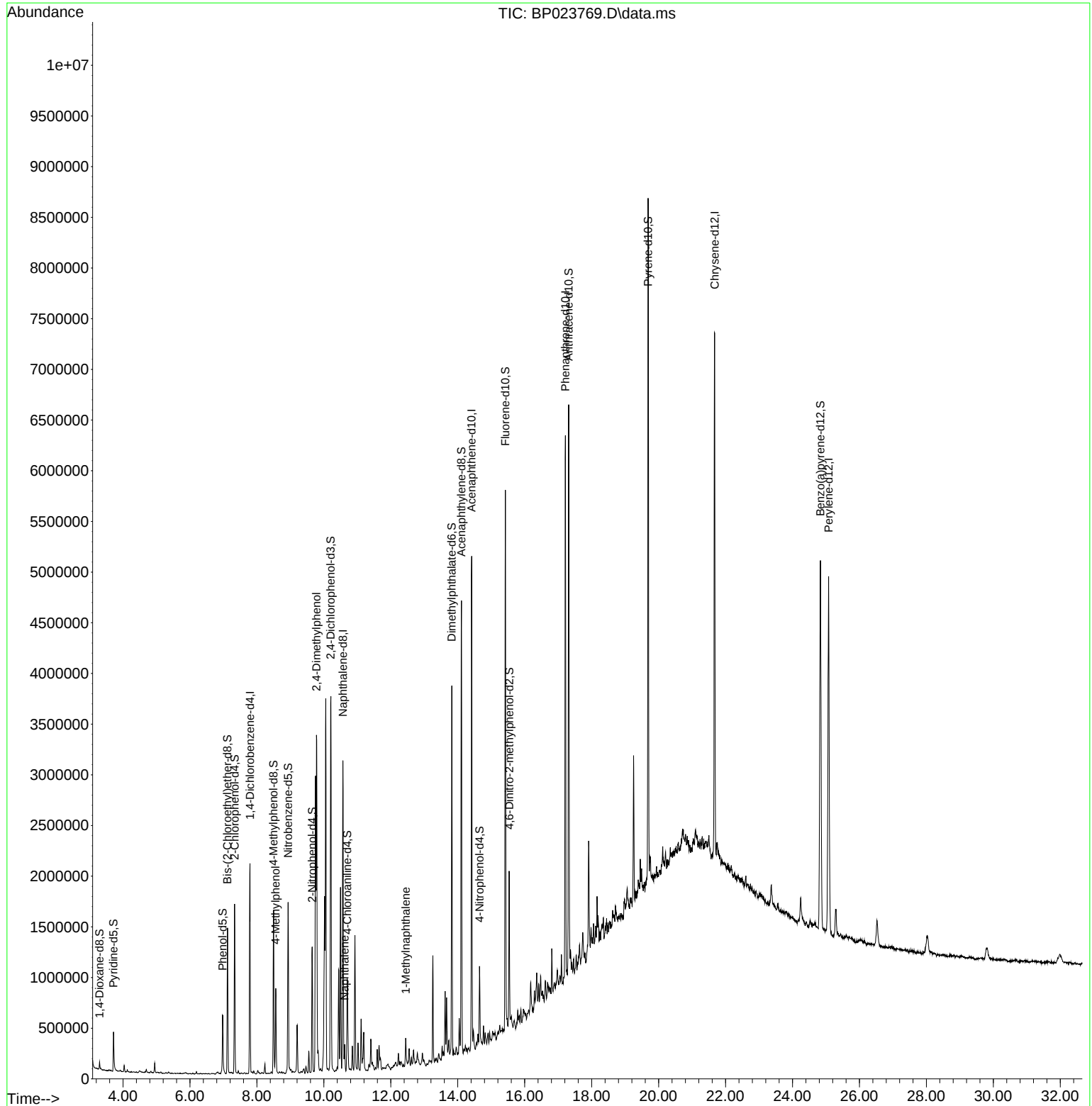
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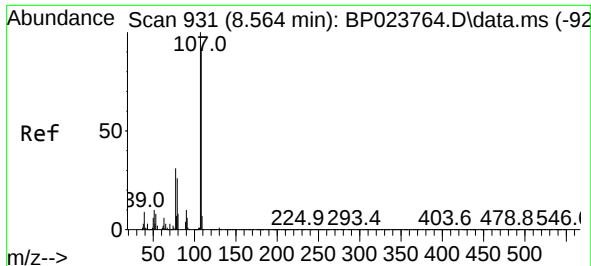
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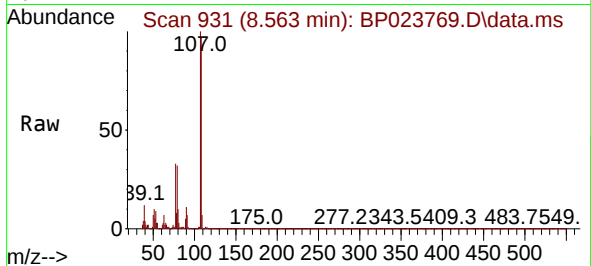
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025





#18
4-Methylphenol
Concen: 8.168 ng/ul
RT: 8.563 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP023769.D
Acq: 28 Jan 2025 11:48

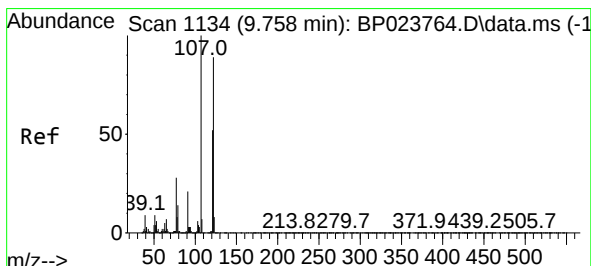
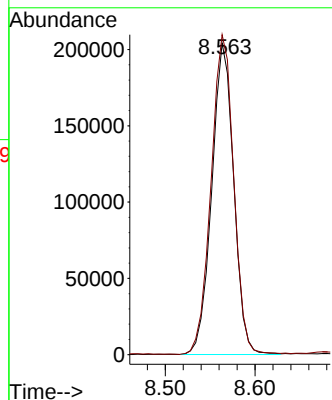
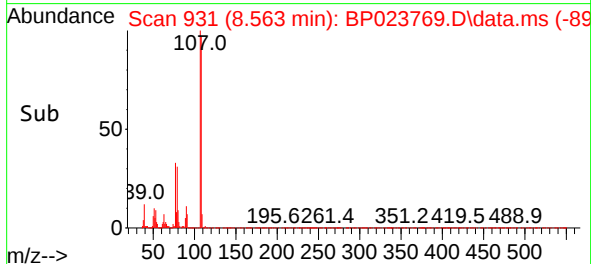
Instrument :
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Tgt Ion:108 Resp: 34683
Ion Ratio Lower Upper
108 100
107 102.7 91.2 136.8

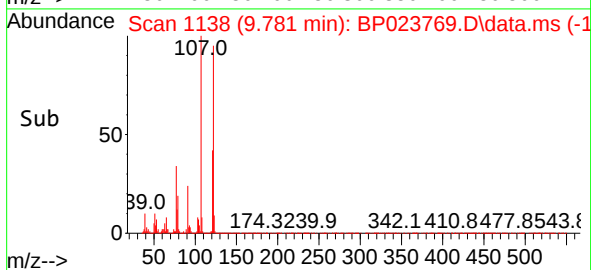
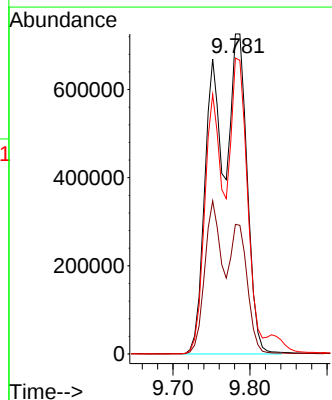
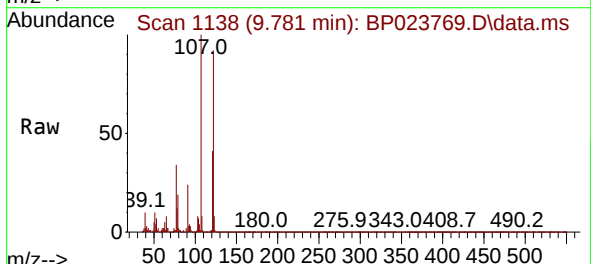
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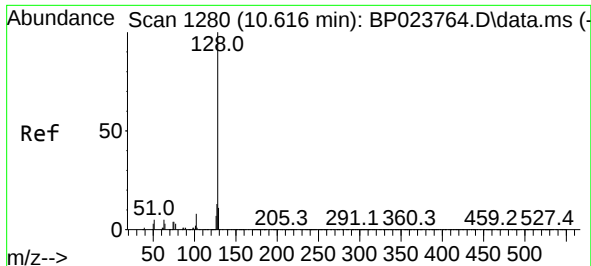
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Supervised By :mohammad ahmed 01/31/2025



#26
2,4-Dimethylphenol
Concen: 50.642 ng/ul m
RT: 9.781 min Scan# 1138
Delta R.T. 0.041 min
Lab File: BP023769.D
Acq: 28 Jan 2025 11:48

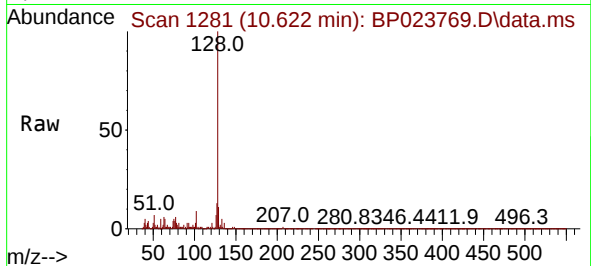
Tgt Ion:107 Resp: 2174742
Ion Ratio Lower Upper
107 100
121 40.5 42.0 63.0#
122 92.4 70.2 105.4





#30
Naphthalene
Concen: 1.388 ng/ul
RT: 10.622 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BP023769.D
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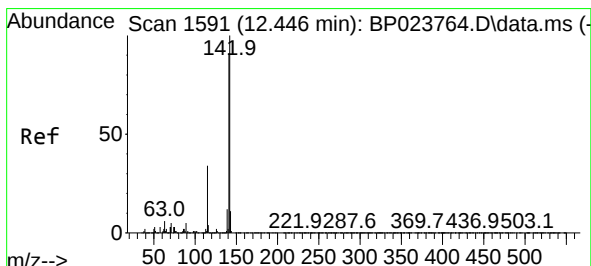
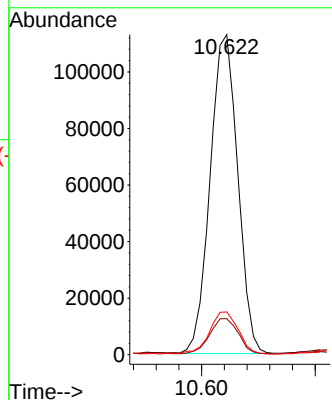
Tgt Ion:128 Resp: 190792
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.4 10.2 15.4

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ahmed

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#37
1-Methylnaphthalene
Concen: 1.373 ng/ul
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP023769.D
Acq: 28 Jan 2025 11:48

Tgt Ion:142 Resp: 127447
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1
116 4.3 2.9 4.3#

