

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023770.D
 Acq On : 28 Jan 2025 12:28
 Operator : RC/JU
 Sample : Q1174-23DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2954DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 08:16:09 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	7.787	152	704936	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	3042383	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1970034	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	3869413	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	3744878	20.000	ng/u1	-0.01
88) Perylene-d12	25.074	264	4139381	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	17157	0.980	ng/uL	0.00
4) Pyridine-d5	3.723	84	65044	1.288	ng/u1	0.02
7) Phenol-d5	6.981	99	138430	2.321	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	231809	6.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	315164	6.950	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	250549	5.342	ng/u1	0.03
21) Nitrobenzene-d5	8.934	128	168827	7.365	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	170161	8.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	351746	7.963	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	185026	2.619	ng/u1	0.01
46) Dimethylphthalate-d6	13.816	166	1095402	7.732	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1252603	7.639	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	51009m	1.792	ng/u1	0.06
60) Fluorene-d10	15.422	176	958930	7.907	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	112783	5.919	ng/u1	0.00
73) Anthracene-d10	17.310	188	1482714	7.982	ng/u1	-0.01
81) Pyrene-d10	19.680	212	1681975	8.827	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.833	264	1633912	7.886	ng/u1	-0.01
Target Compounds						
18) 4-Methylphenol	8.569	108	206476	4.100	ng/u1	89
26) 2,4-Dimethylphenol	9.787	107	1216075m	23.781	ng/u1	

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

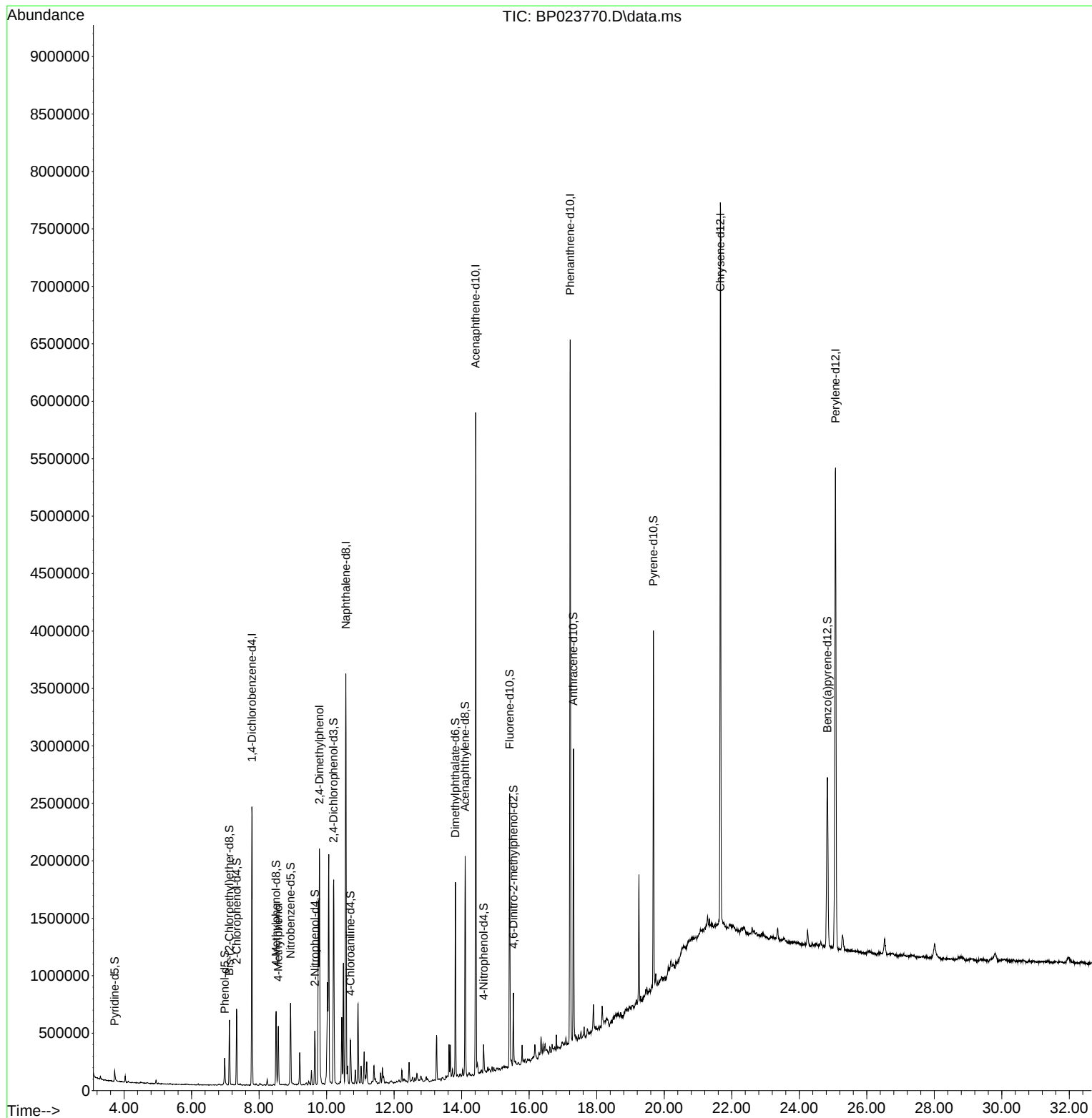
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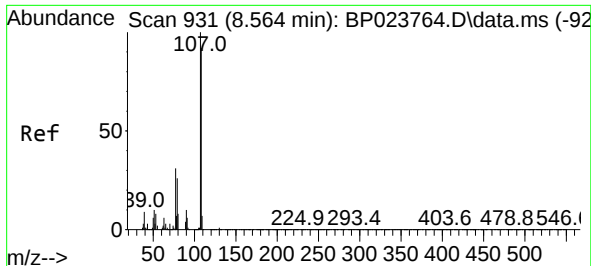
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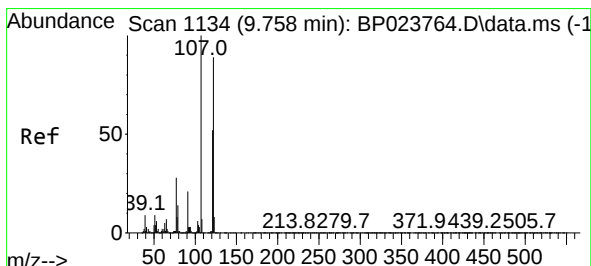
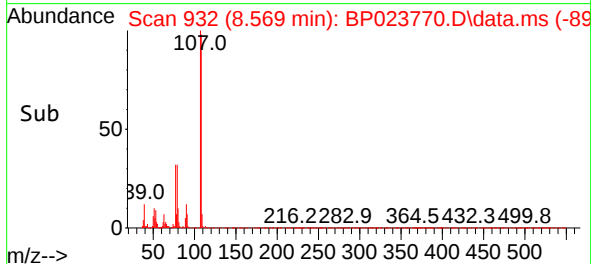
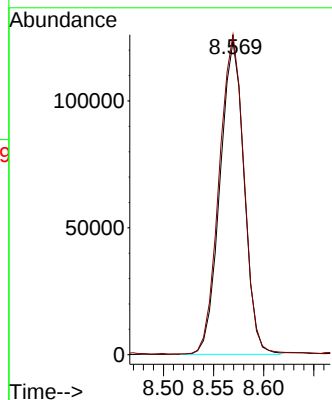
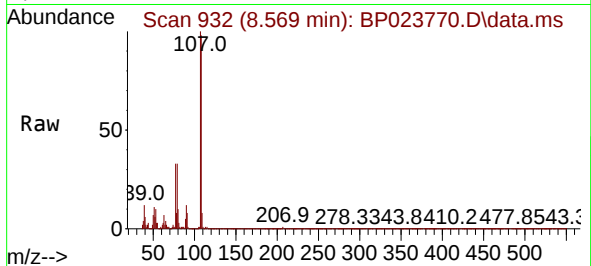
#18
4-Methylphenol
Concen: 4.100 ng/ul
RT: 8.569 min Scan# 91
Delta R.T. 0.030 min
Lab File: BP023770.D
Acq: 28 Jan 2025 12:28

Instrument :
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Tgt Ion:108 Resp: 206470
Ion Ratio Lower Upper
108 100
107 102.2 91.2 136.8

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#26
2,4-Dimethylphenol
Concen: 23.781 ng/ul m
RT: 9.787 min Scan# 1139
Delta R.T. 0.047 min
Lab File: BP023770.D
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Tgt Ion:107 Resp: 1216075
Ion Ratio Lower Upper
107 100
121 39.2 42.0 63.0#
122 91.0 70.2 105.4

