

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023771.D
 Acq On : 28 Jan 2025 13:09
 Operator : RC/JU
 Sample : Q1174-09DL2 50X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2939DL2

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 09:32:07 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	7.787	152	451539	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1862101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	1191022	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.228	188	2432598	20.000	ng/u1	0.01
79) Chrysene-d12	21.675	240	2586831	20.000	ng/u1	0.00
88) Perylene-d12	25.069	264	2824248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1394	0.124	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.981	99	7865m	0.206	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	15901	0.737	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	19908	0.685	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	13784	0.459	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	10964	0.781	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	9727	0.756	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	22109	0.818	ng/u1	0.02
31) 4-Chloroaniline-d4	10.705	131	8788	0.203	ng/u1	0.01
46) Dimethylphthalate-d6	13.828	166	70179	0.819	ng/u1	0.01
49) Acenaphthylene-d8	14.116	160	77073	0.777	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.428	176	61869	0.844	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	5763	0.481	ng/u1	0.01
73) Anthracene-d10	17.328	188	110229	0.944	ng/u1	0.00
81) Pyrene-d10	19.704	212	113310	0.861	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.839	264	110138	0.779	ng/u1	0.00
Target Compounds						
8) Phenol	7.011	94	194957	4.876	ng/u1	99
18) 4-Methylphenol	8.569	108	262057	8.124	ng/u1	90
26) 2,4-Dimethylphenol	9.787	107	1586180m	50.680	ng/u1	

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

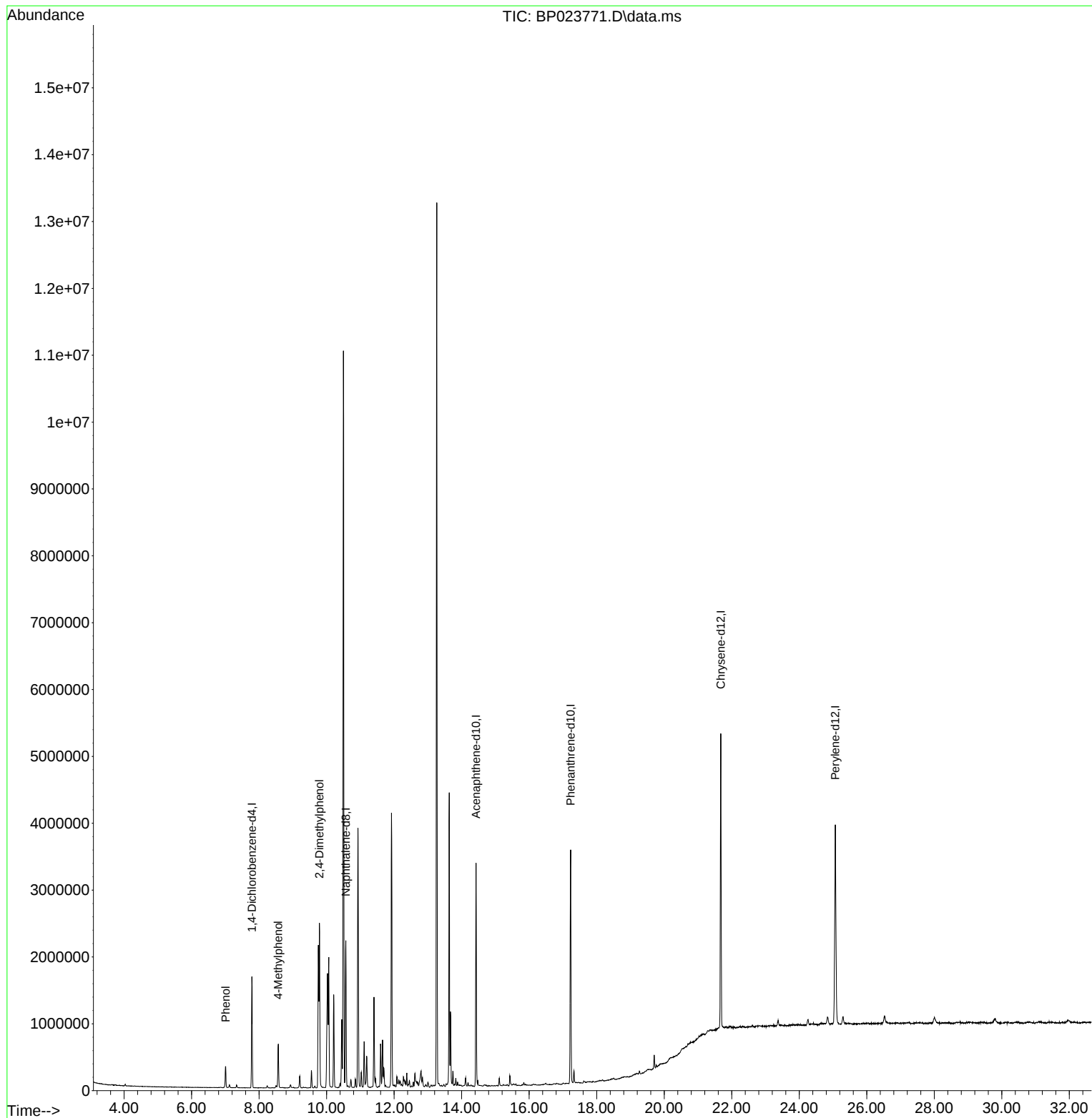
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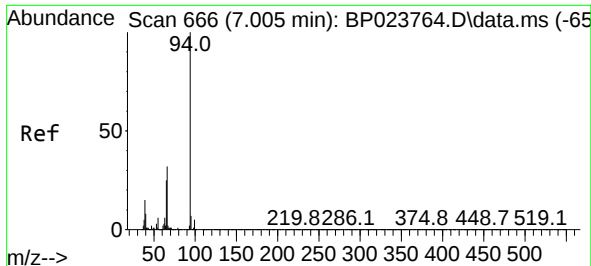
Instrument :
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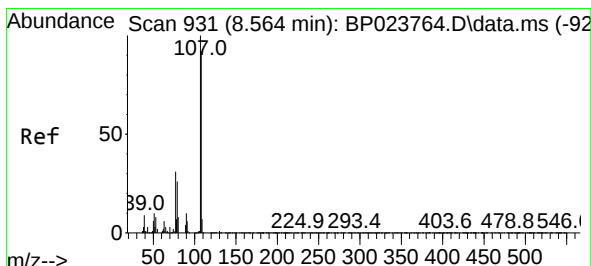
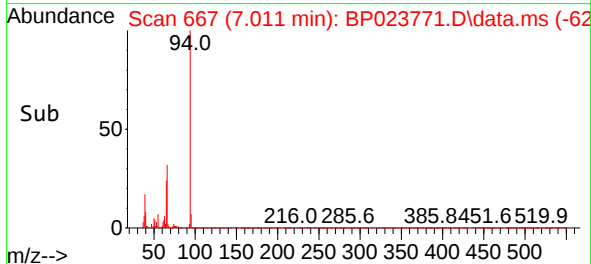
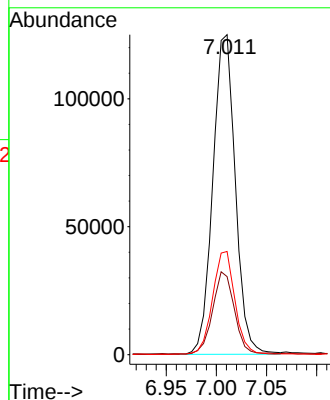
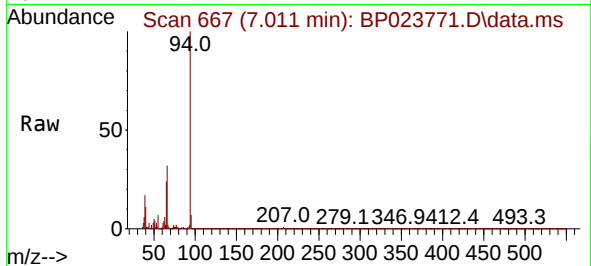
#8
Phenol
Concen: 4.876 ng/ul
RT: 7.011 min Scan# 60
Delta R.T. 0.035 min
Lab File: BP023771.D
Acq: 28 Jan 2025 13:09

Instrument :
BNA_P
ClientSampleId :
E2939DL2

Tgt Ion: 94 Resp: 19495
Ion Ratio Lower Upper
94 100
65 24.4 20.2 30.2
66 32.3 26.0 39.0

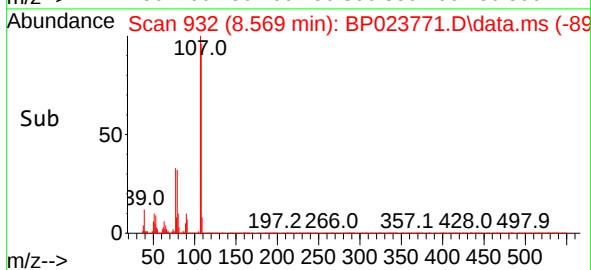
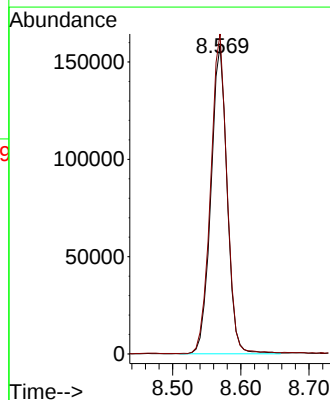
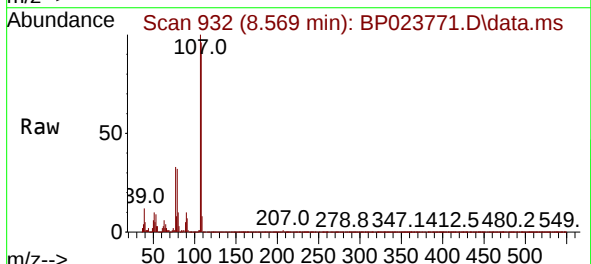
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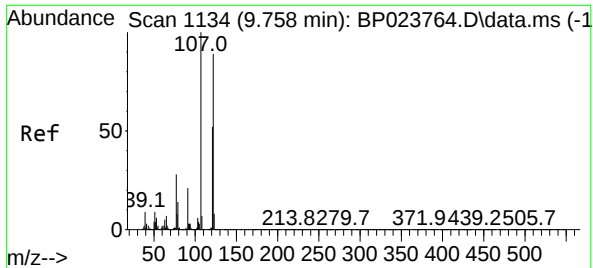
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#18
4-Methylphenol
Concen: 8.124 ng/ul
RT: 8.569 min Scan# 932
Delta R.T. 0.030 min
Lab File: BP023771.D
Acq: 28 Jan 2025 13:09

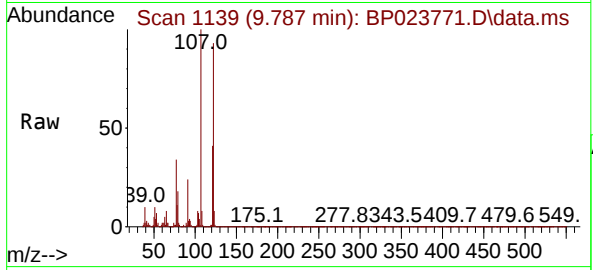
Tgt Ion:108 Resp: 262057
Ion Ratio Lower Upper
108 100
107 103.7 91.2 136.8





#26
 2,4-Dimethylphenol
 Concen: 50.680 ng/ul m
 RT: 9.787 min Scan# 1139
 Delta R.T. 0.047 min
 Lab File: BP023771.D
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Tgt Ion:107 Resp: 1586180
 Ion Ratio Lower Upper
 107 100
 121 40.9 42.0 63.0
 122 93.1 70.2 105.4

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