

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023738.D
 Acq On : 27 Jan 2025 13:09
 Operator : RC/JU
 Sample : Q1174-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2932

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 22:42:09 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	612164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2614319	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1677050	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	3289796	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	3372906	20.000	ng/u1	0.00
88) Perylene-d12	25.057	264	3706700	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	55363	3.643	ng/uL	0.00
4) Pyridine-d5	3.716	84	336503	7.672	ng/u1	0.01
7) Phenol-d5	6.963	99	426158	8.227	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	781903	26.724	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	983206	24.968	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	753635	18.502	ng/u1	0.01
21) Nitrobenzene-d5	8.934	128	602133	30.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	573298	31.747	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1070656	28.207	ng/u1	0.01
31) 4-Chloroaniline-d4	10.704	131	936948	15.435	ng/u1	0.01
46) Dimethylphthalate-d6	13.828	166	3445923	28.571	ng/u1	0.01
49) Acenaphthylene-d8	14.110	160	4292112	30.749	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	196986	8.128	ng/u1	0.02
60) Fluorene-d10	15.428	176	3198241	30.978	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	486150	30.008	ng/u1	0.01
73) Anthracene-d10	17.322	188	5149764	32.606	ng/u1	0.00
81) Pyrene-d10	19.686	212	5802705	33.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.839	264	5951315	32.077	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.334	88	25176	1.566	ng/uL#	88
6) Benzaldehyde	6.940	77	93819	3.604	ng/u1	98
8) Phenol	6.987	94	3315613	61.172	ng/u1	99
18) 4-Methylphenol	8.546	108	271304	6.204	ng/u1	95
26) 2,4-Dimethylphenol	9.775	107	150827m	3.432	ng/u1	

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

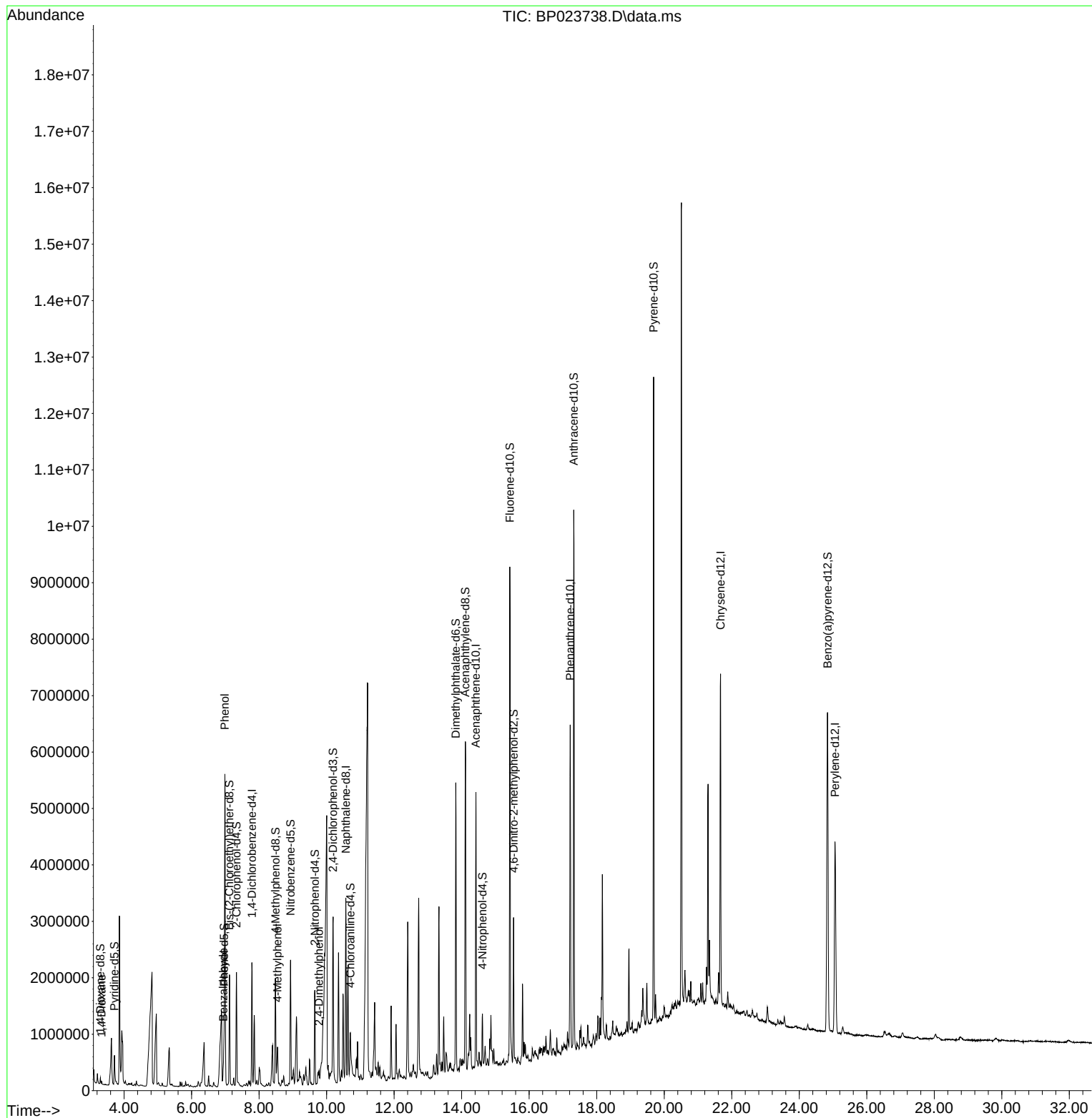
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
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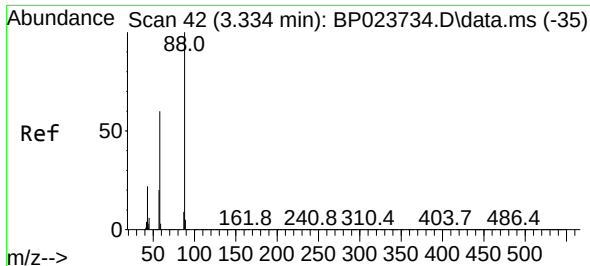
Instrument :
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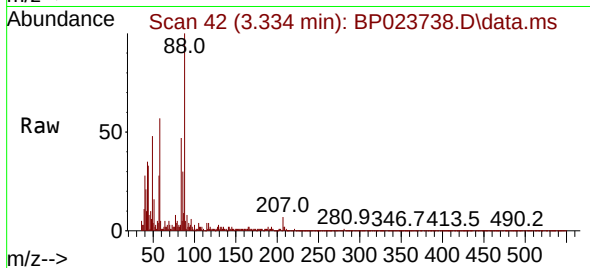
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025





#2
1,4-Dioxane
Concen: 1.566 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP023738.D
Acq: 27 Jan 2025 13:09

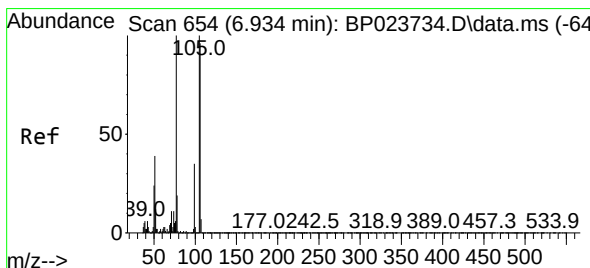
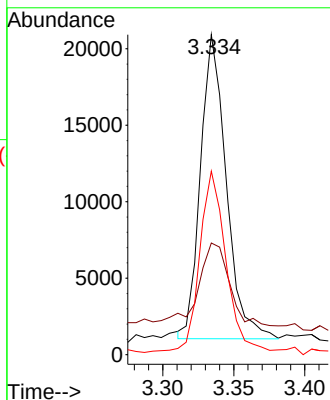
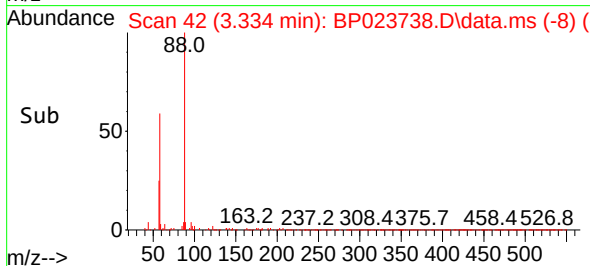
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 25170
Ion Ratio Lower Upper
88 100
43 34.9 18.3 27.5
58 57.3 50.7 76.1

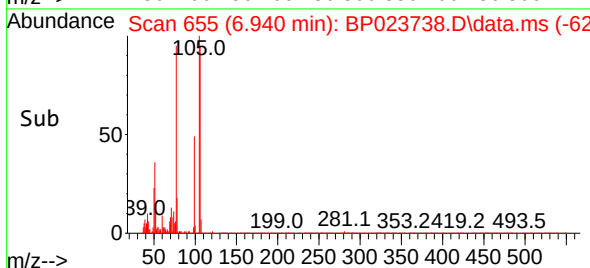
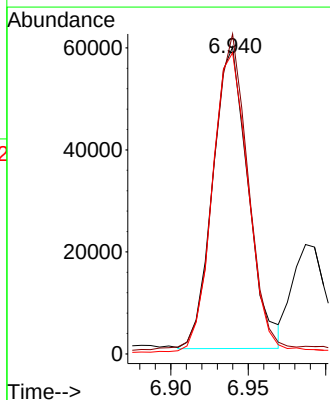
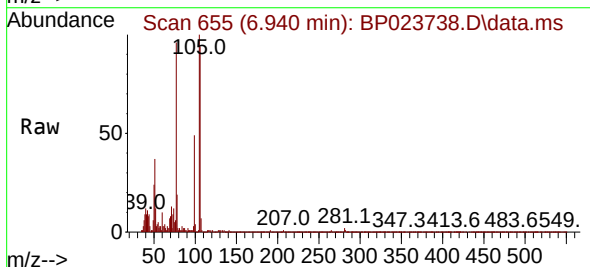
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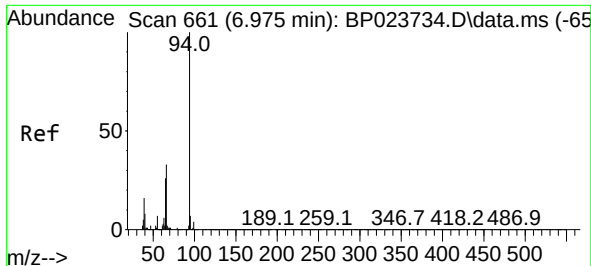
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Benzaldehyde
Concen: 3.604 ng/uL
RT: 6.940 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP023738.D
Acq: 27 Jan 2025 13:09

Tgt Ion: 77 Resp: 93819
Ion Ratio Lower Upper
77 100
105 104.2 81.0 121.6
106 98.1 78.6 118.0





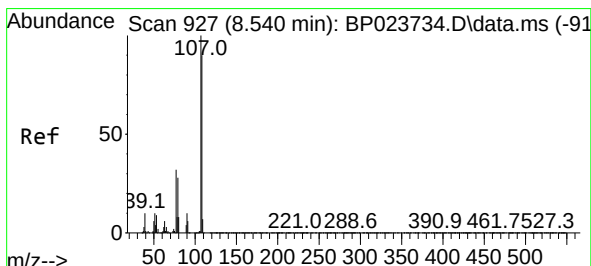
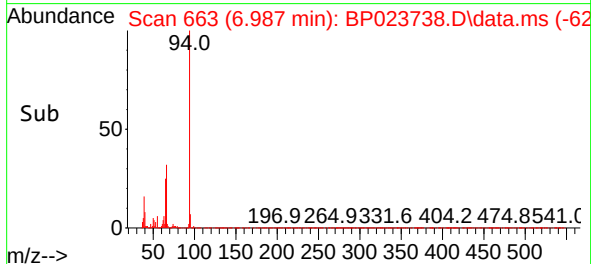
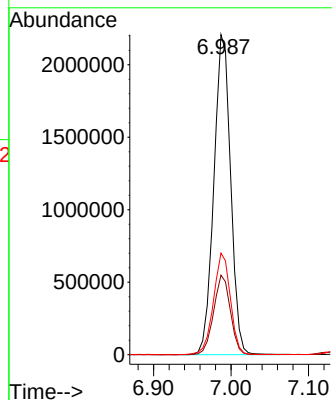
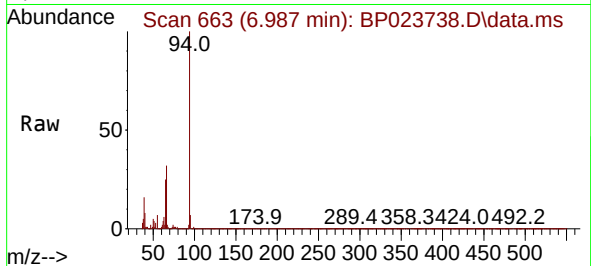
#8
Phenol
Concen: 61.172 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP023738.D
Acq: 27 Jan 2025 13:09

Instrument :
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Tgt Ion: 94 Resp: 331561
Ion Ratio Lower Upper
94 100
65 24.8 20.2 30.2
66 31.8 26.0 39.0

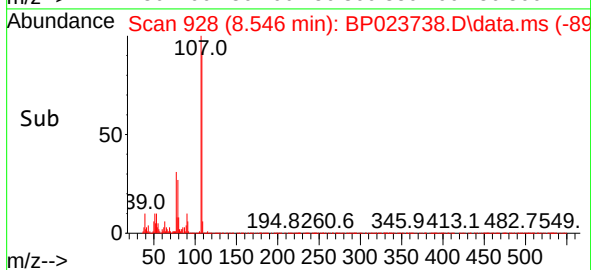
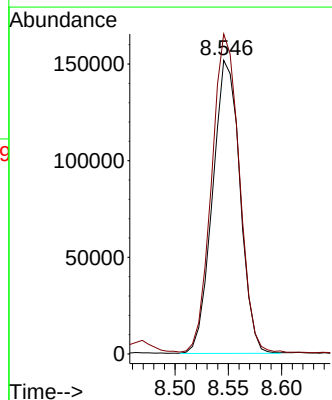
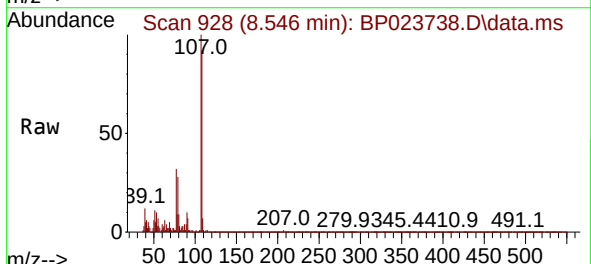
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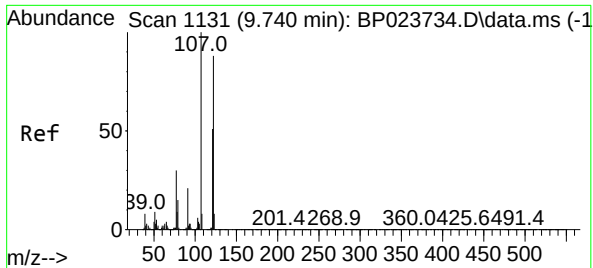
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#18
4-Methylphenol
Concen: 6.204 ng/ul
RT: 8.546 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP023738.D
Acq: 27 Jan 2025 13:09

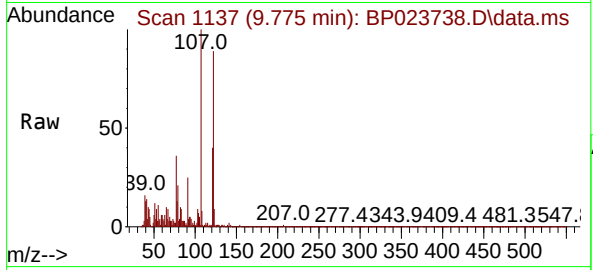
Tgt Ion:108 Resp: 271304
Ion Ratio Lower Upper
108 100
107 109.0 91.2 136.8





#26
 2,4-Dimethylphenol
 Concen: 3.432 ng/ul m
 RT: 9.775 min Scan# 1137
 Delta R.T. 0.035 min
 Lab File: BP023738.D
 Acq: 27 Jan 2025 13:09

Instrument :
 BNA_P
 ClientSampleId :
 E2932



Tgt Ion:	107	Resp:	15082
Ion	Ratio	Lower	Upper
107	100		
121	40.3	42.0	63.0
122	89.1	70.2	105.4

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