

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023737.D
 Acq On : 27 Jan 2025 12:28
 Operator : RC/JU
 Sample : Q1174-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2931

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 22:36:38 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	696235	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2866585	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1863025	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	3517280	20.000	ng/u1	0.00
79) Chrysene-d12	21.674	240	3474444	20.000	ng/u1	0.00
88) Perylene-d12	25.080	264	3751051	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	71348	4.127	ng/uL	0.00
4) Pyridine-d5	3.717	84	105183	2.109	ng/u1	0.01
7) Phenol-d5	6.952	99	616867	10.471	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	622234	18.699	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	1411673	31.520	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	1043826	22.532	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	387417	17.938	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	729763	36.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1394219	33.499	ng/u1	0.01
31) 4-Chloroaniline-d4	10.710	131	335018	5.033	ng/u1	0.02
46) Dimethylphthalate-d6	13.828	166	2286099	17.062	ng/u1	0.01
49) Acenaphthylene-d8	14.104	160	2641287	17.033	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	238127	8.845	ng/u1	0.01
60) Fluorene-d10	15.428	176	1936040	16.880	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	533478	30.800	ng/u1	0.00
73) Anthracene-d10	17.322	188	2927786	17.338	ng/u1	0.00
81) Pyrene-d10	19.692	212	3226403	18.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.839	264	2710003	14.434	ng/u1	0.00
Target Compounds						
8) Phenol	6.981	94	96119	1.559	ng/u1	97
13) 2-Methylphenol	8.222	108	184479	4.124	ng/u1	99
18) 4-Methylphenol	8.552	108	803634	16.157	ng/u1	88
26) 2,4-Dimethylphenol	9.787	107	17339330m	359.875	ng/u1	
37) 1-Methylnaphthalene	12.451	142	179077	1.720	ng/u1#	97

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

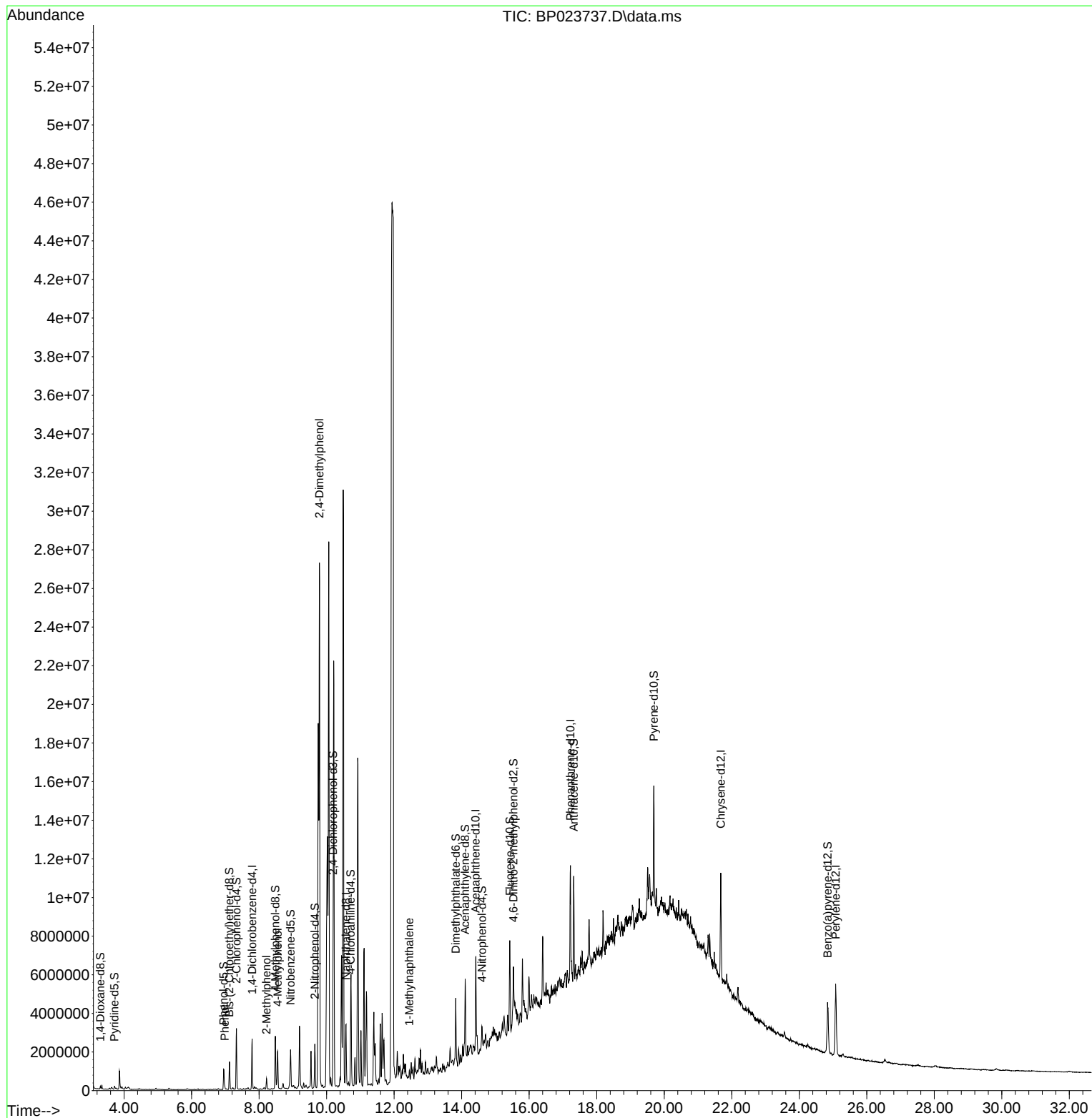
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023737.D
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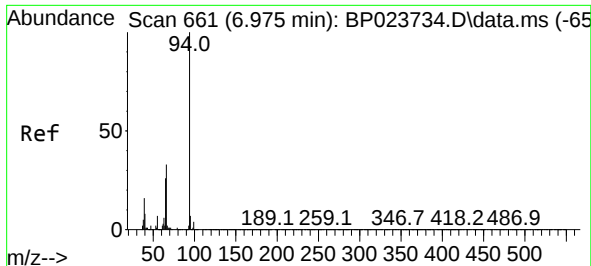
Instrument :
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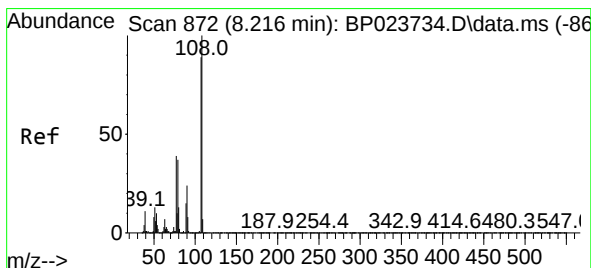
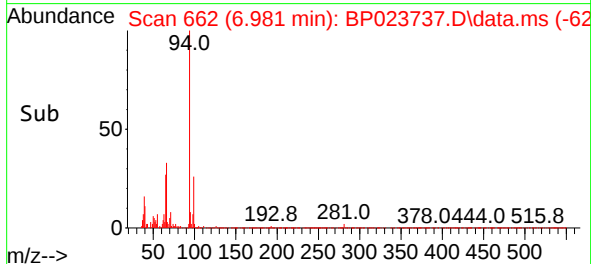
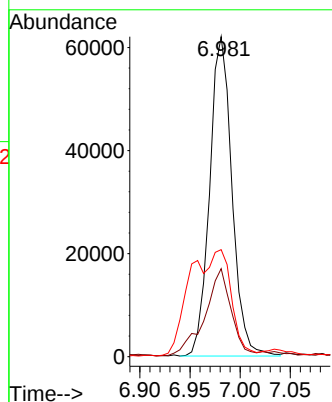
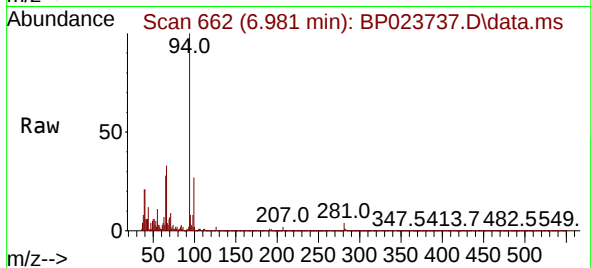
#8
Phenol
Concen: 1.559 ng/ul
RT: 6.981 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

Instrument :
BNA_P
ClientSampleId :
E2931

Tgt Ion: 94 Resp: 96119
Ion Ratio Lower Upper
94 100
65 27.5 20.2 30.2
66 33.4 26.0 39.0

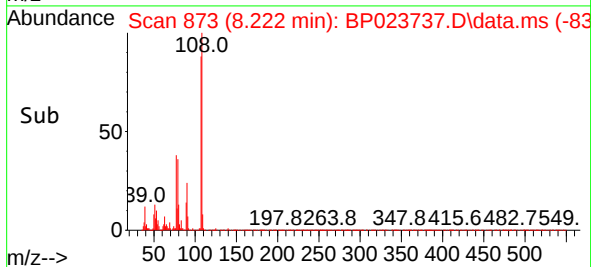
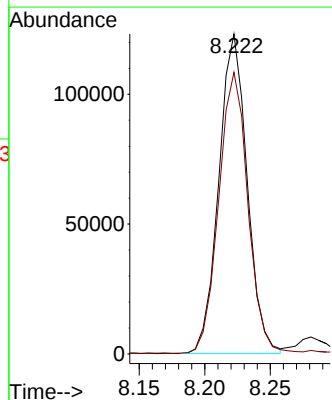
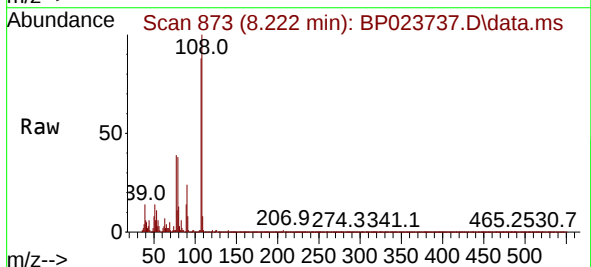
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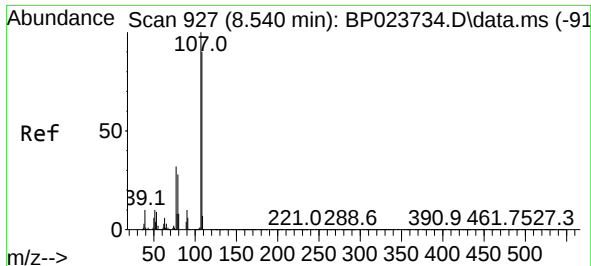
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#13
2-Methylphenol
Concen: 4.124 ng/ul
RT: 8.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

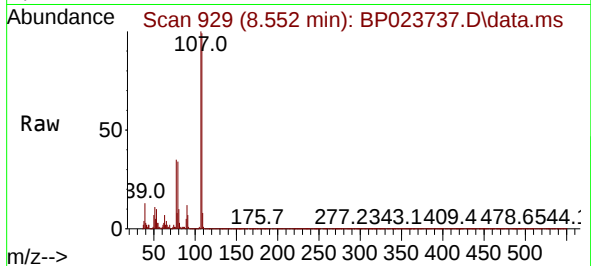
Tgt Ion:108 Resp: 184479
Ion Ratio Lower Upper
108 100
107 88.0 69.6 104.4





#18
4-Methylphenol
Concen: 16.157 ng/ul
RT: 8.552 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

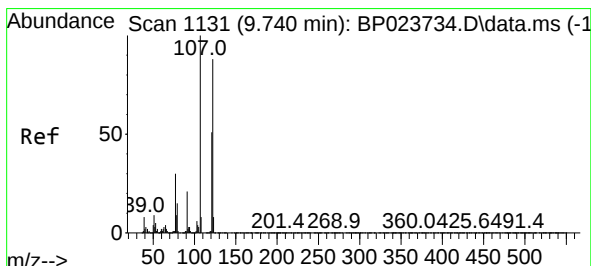
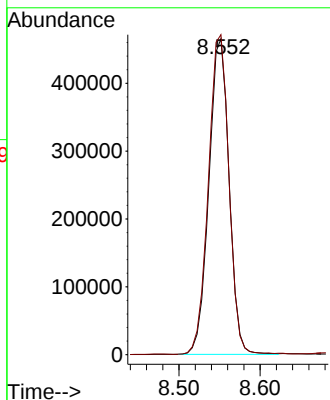
Instrument :
BNA_P
ClientSampleId :
E2931



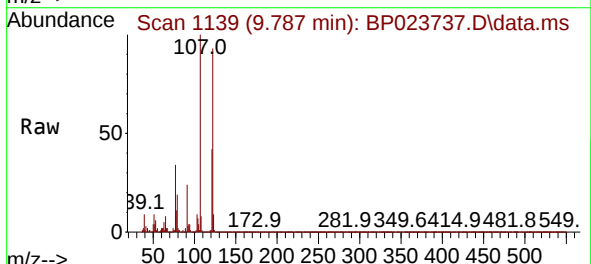
Tgt Ion:108 Resp: 803634
Ion Ratio Lower Upper
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107 101.3 91.2 136.8

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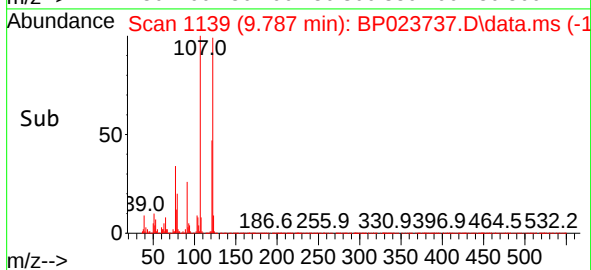
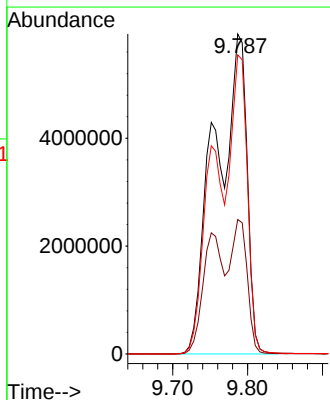
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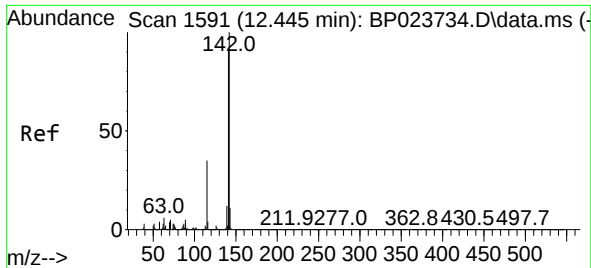


#26
2,4-Dimethylphenol
Concen: 359.875 ng/ul m
RT: 9.787 min Scan# 1139
Delta R.T. 0.047 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28



Tgt Ion:107 Resp:17339330
Ion Ratio Lower Upper
107 100
121 42.0 42.0 63.0
122 93.4 70.2 105.4





#37

1-Methylnaphthalene

Concen: 1.720 ng/ul

RT: 12.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP023737.D

Acq: 27 Jan 2025 12:28

Instrument :

BNA_P

ClientSampleId :

E2931

Tgt Ion:142 Resp: 17907

Ion Ratio Lower Upper

142 100

141 93.2 72.1 108.1

116 4.8 2.9 4.3

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