

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023761.D
 Acq On : 28 Jan 2025 05:23
 Operator : RC/JU
 Sample : Q1174-23
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2954

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 05:53:06 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	709096	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2859429	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1812489	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	3465108	20.000	ng/u1	0.02
79) Chrysene-d12	21.692	240	3549590	20.000	ng/u1	0.02
88) Perylene-d12	25.098	264	3945213	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	82292	4.674	ng/uL	0.00
4) Pyridine-d5	3.716	84	354430	6.976	ng/u1	0.01
7) Phenol-d5	6.981	99	706209	11.770	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.128	67	1128096	33.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	1618481	35.482	ng/u1	0.01
15) 4-Methylphenol-d8	8.504	113	1242825	26.341	ng/u1	0.03
21) Nitrobenzene-d5	8.940	128	878703	40.787	ng/u1	0.01
24) 2-Nitrophenol-d4	9.657	143	942877	47.738	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.204	165	1684021	40.563	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	812047	12.231	ng/u1	0.01
46) Dimethylphthalate-d6	13.834	166	4945858	37.943	ng/u1	0.02
49) Acenaphthylene-d8	14.116	160	5789199	38.375	ng/u1	0.01
54) 4-Nitrophenol-d4	14.657	143	296682m	11.327	ng/u1	0.06
60) Fluorene-d10	15.439	176	4282195	38.378	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	738148	43.258	ng/u1	0.02
73) Anthracene-d10	17.339	188	6556169	39.410	ng/u1	0.02
81) Pyrene-d10	19.710	212	7525130	41.663	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.880	264	8083124	40.933	ng/u1	0.04
Target Compounds						
13) 2-Methylphenol	8.246	108	92821	2.037	ng/u1	98
18) 4-Methylphenol	8.569	108	1002311	19.786	ng/u1	89
26) 2,4-Dimethylphenol	9.793	107	5663714m	117.844	ng/u1	
30) Naphthalene	10.622	128	533301	3.466	ng/u1	98
36) 2-Methylnaphthalene	12.234	142	248907	2.395	ng/u1	99
37) 1-Methylnaphthalene	12.451	142	381851	3.676	ng/u1	98
77) Carbazole	17.651	167	252525	1.478	ng/u1#	92

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

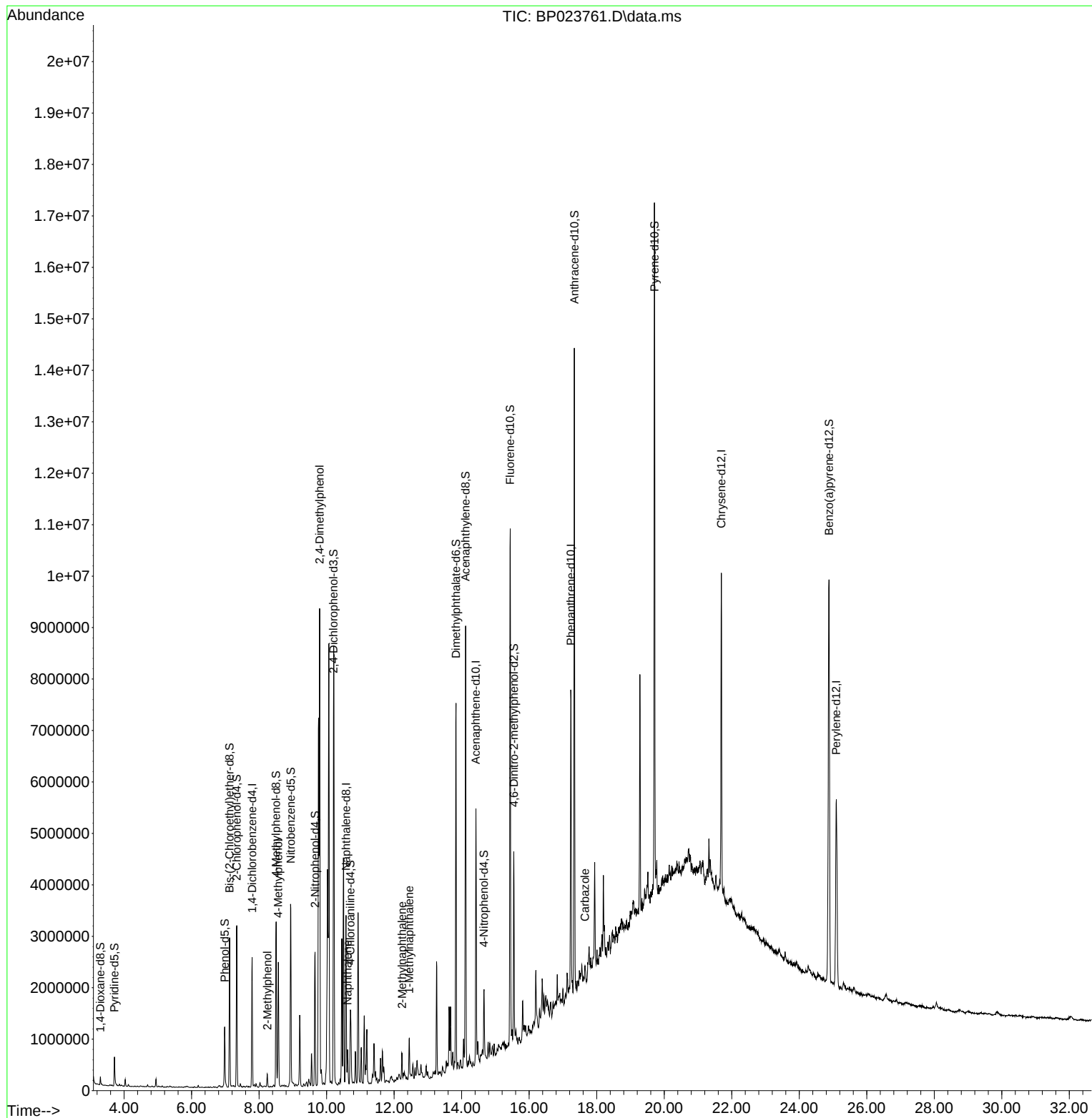
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
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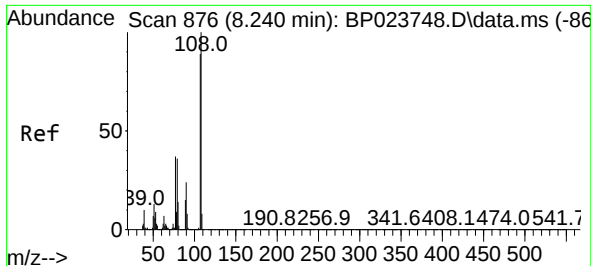
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jan 28 05:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
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#13

2-Methylphenol

Concen: 2.037 ng/ul

RT: 8.246 min Scan# 81

Delta R.T. 0.029 min

Lab File: BP023761.D

Acq: 28 Jan 2025 05:23

Instrument :

BNA_P

ClientSampleId :

E2954

Tgt Ion:108 Resp: 9282

Ion Ratio Lower Upper

108 100

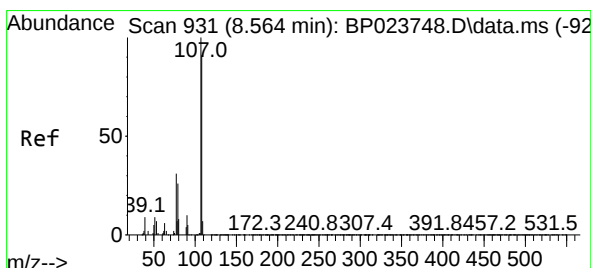
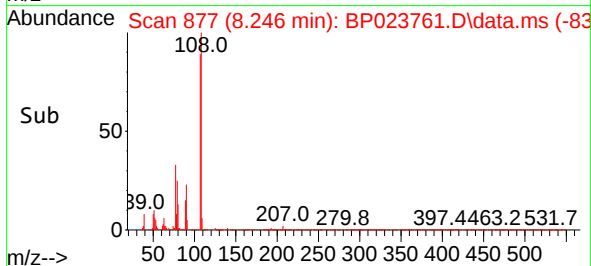
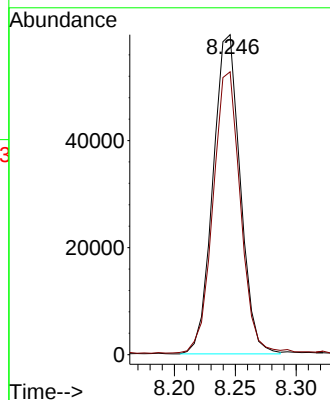
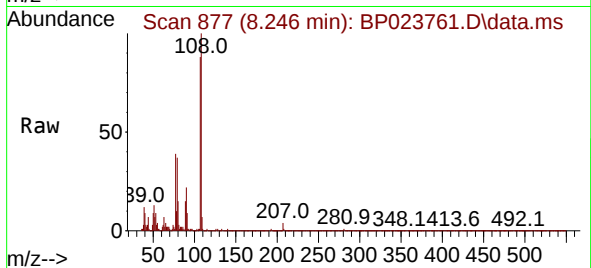
107 88.4 69.6 104.4

Manual Integrations

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#18

4-Methylphenol

Concen: 19.786 ng/ul

RT: 8.569 min Scan# 932

Delta R.T. 0.029 min

Lab File: BP023761.D

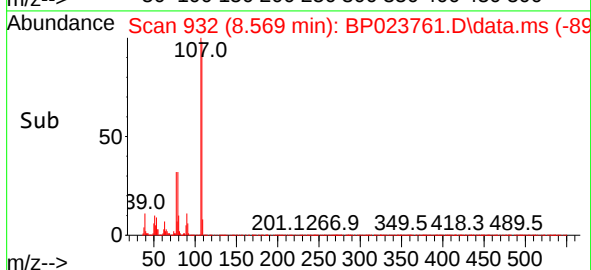
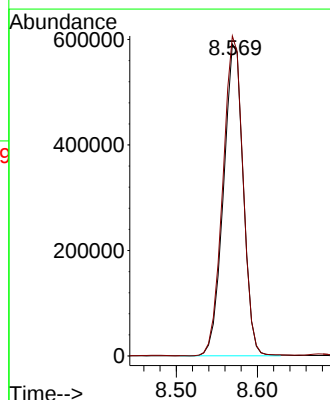
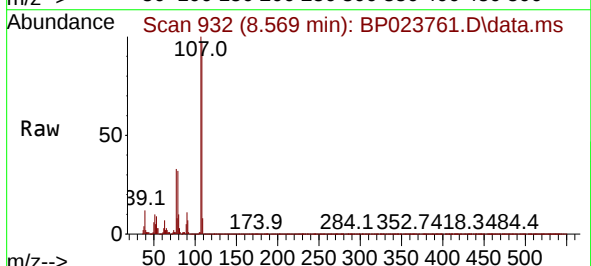
Acq: 28 Jan 2025 05:23

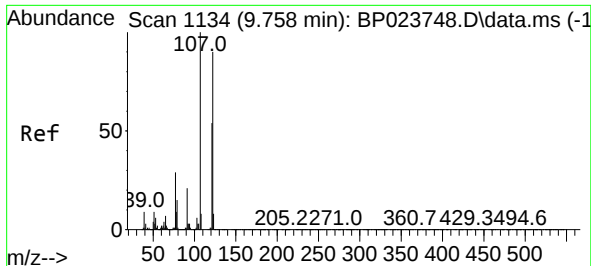
Tgt Ion:108 Resp: 1002311

Ion Ratio Lower Upper

108 100

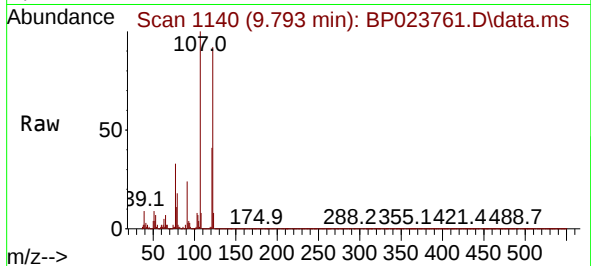
107 102.6 91.2 136.8





#26
2,4-Dimethylphenol
Concen: 117.844 ng/ul m
RT: 9.793 min Scan# 1140
Delta R.T. 0.053 min
Lab File: BP023761.D
Acq: 28 Jan 2025 05:23

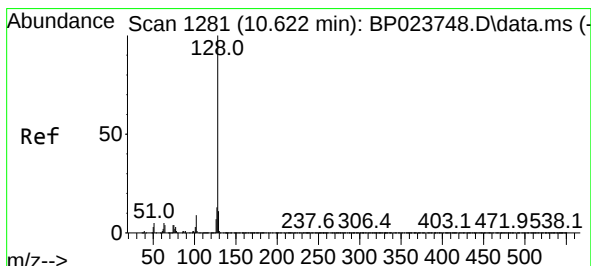
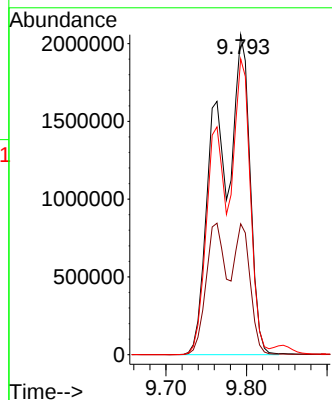
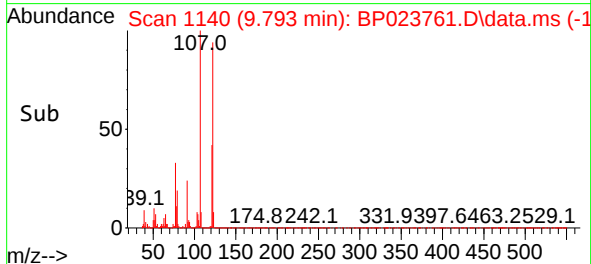
Instrument :
BNA_P
ClientSampleId :
E2954



Tgt Ion:107 Resp: 5663714
Ion Ratio Lower Upper
107 100
121 40.9 42.0 63.0
122 92.5 70.2 105.4

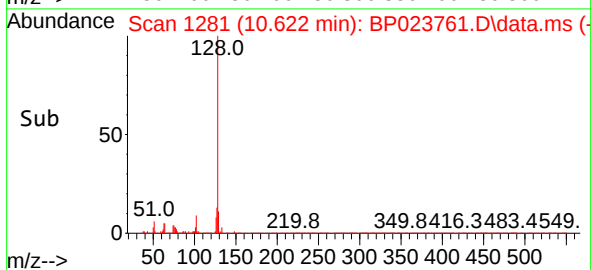
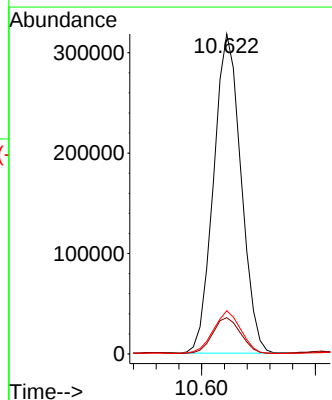
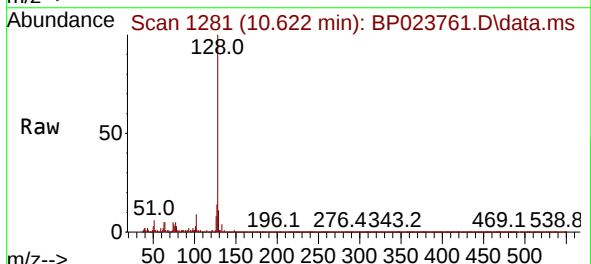
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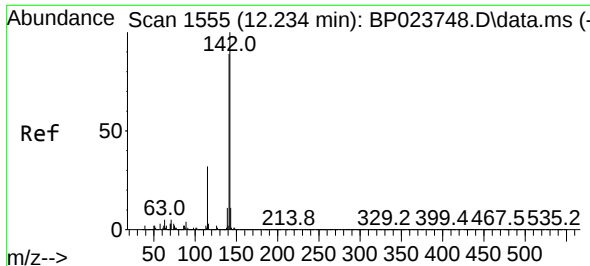
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#30
Naphthalene
Concen: 3.466 ng/ul
RT: 10.622 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BP023761.D
Acq: 28 Jan 2025 05:23

Tgt Ion:128 Resp: 533301
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.5 10.2 15.4





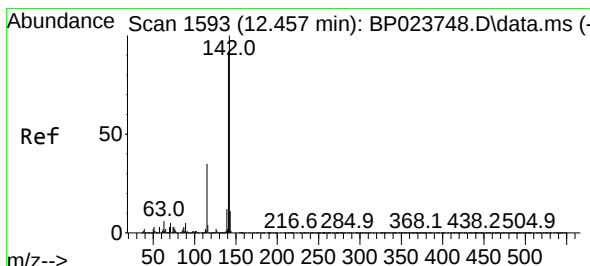
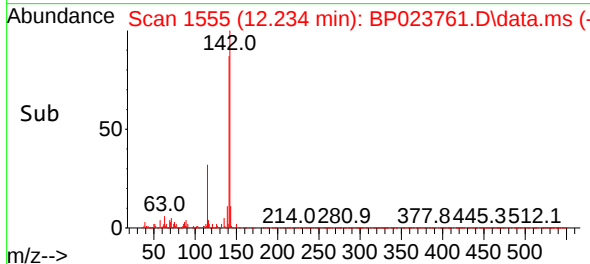
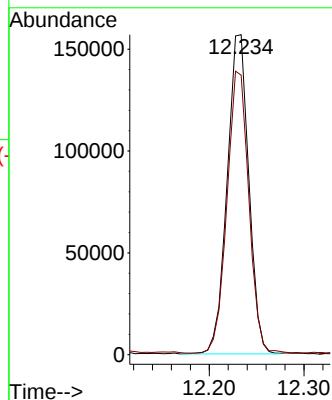
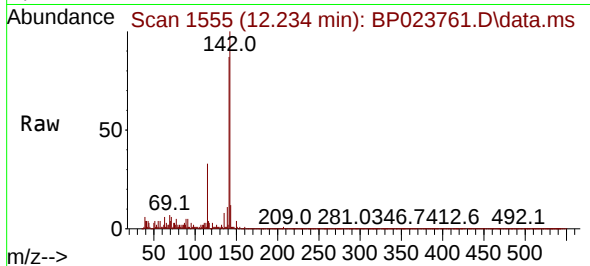
#36
2-Methylnaphthalene
Concen: 2.395 ng/ul
RT: 12.234 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BP023761.D
Acq: 28 Jan 2025 05:23

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:142 Resp: 24890
Ion Ratio Lower Upper
142 100
141 87.3 70.5 105.7

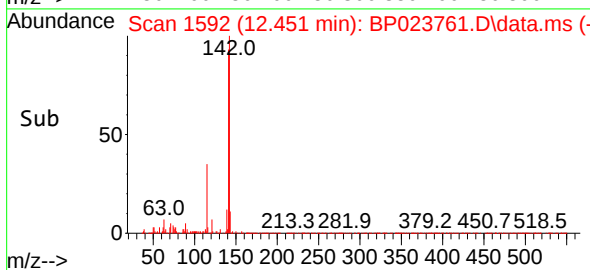
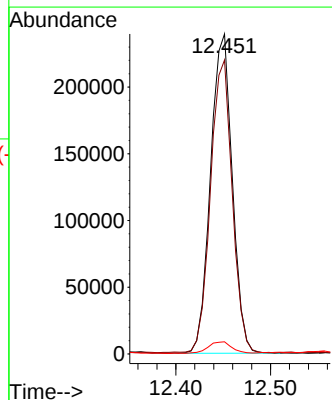
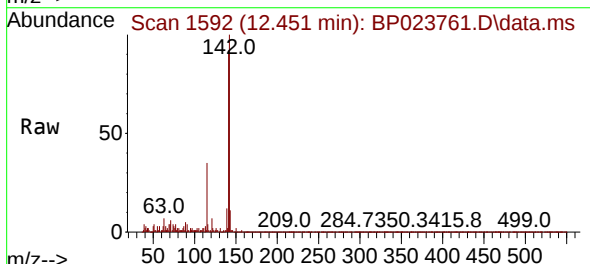
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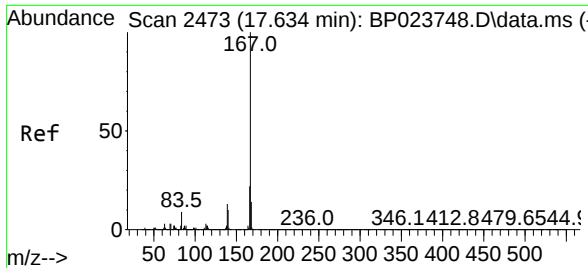
Reviewed By :Jagrut Upadhyay 01/28/2025
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#37
1-Methylnaphthalene
Concen: 3.676 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP023761.D
Acq: 28 Jan 2025 05:23

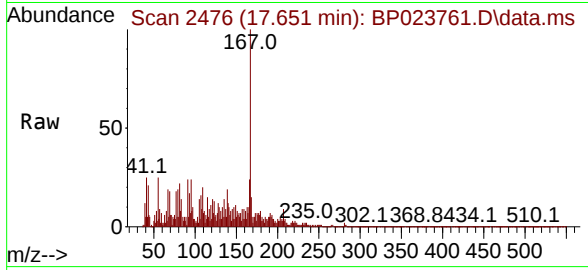
Tgt Ion:142 Resp: 381851
Ion Ratio Lower Upper
142 100
141 91.8 72.1 108.1
116 3.8 2.9 4.3





#77
 Carbazole
 Concen: 1.478 ng/ul
 RT: 17.651 min Scan# 2476
 Delta R.T. 0.024 min
 Lab File: BP023761.D
 Acq: 28 Jan 2025 05:23

Instrument :
 BNA_P
 ClientSampleId :
 E2954



Tgt Ion:167 Resp: 25252
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.4 26.0
 139 19.0 10.6 15.8

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