

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023957.D
 Acq On : 06 Feb 2025 05:52
 Operator : RC/JU
 Sample : Q1202-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29B4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 08:14:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	564568	20.000	ng/u1	0.00
20) Naphthalene-d8	10.552	136	1580070m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	1528613	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.181	188	2826794	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	2835112	20.000	ng/u1	-0.03
88) Perylene-d12	24.968	264	3131473	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	73877	5.437	ng/uL	0.00
4) Pyridine-d5	3.764	84	601711m	15.346	ng/u1	0.06
7) Phenol-d5	6.963	99	461659	9.240	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	853325	32.267	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	1217426	31.030	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	872979	21.389	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	657639	52.022	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	742414	54.427	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	1194420	47.732	ng/u1	0.01
31) 4-Chloroaniline-d4	10.722	131	730285	19.514	ng/u1	0.05
46) Dimethylphthalate-d6	13.816	166	3764099	33.013	ng/u1	0.02
49) Acenaphthylene-d8	14.092	160	4324776	33.630	ng/u1	0.01
54) 4-Nitrophenol-d4	14.616	143	228049	10.071	ng/u1	0.00
60) Fluorene-d10	15.398	176	3221766	33.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	594048	34.064	ng/u1	0.00
73) Anthracene-d10	17.281	188	5066637	36.504	ng/u1	0.00
81) Pyrene-d10	19.645	212	5649928	37.193	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.745	264	5965608	36.512	ng/u1	-0.03
Target Compounds					Qvalue	
8) Phenol	6.987	94	951140	18.540	ng/u1	99
12) 2-Chlorophenol	7.346	128	44035	1.089	ng/u1	98
13) 2-Methylphenol	8.216	108	484547	12.553	ng/u1	99
18) 4-Methylphenol	8.552	108	4579396	106.924	ng/u1	94
26) 2,4-Dimethylphenol	9.787	107	24275848m	881.547	ng/u1	
30) Naphthalene	10.604	128	795413	9.405	ng/u1	100
36) 2-Methylnaphthalene	12.222	142	87419	1.470	ng/u1	97
37) 1-Methylnaphthalene	12.446	142	63280m	1.073	ng/u1	
42) 2,4,5-Trichlorophenol	12.910	196	293706	9.027	ng/u1	99
52) Acenaphthene	14.463	153	152259	1.568	ng/u1#	77
58) 2,3,4,6-Tetrachlorophenol	15.028	232	1309394	47.294	ng/u1#	95
59) Diethylphthalate	15.240	149	179482	1.579	ng/u1#	79
71) Pentachlorophenol	16.828	266	61774	2.599	ng/u1	97
77) Carbazole	17.598	167	282398m	2.002	ng/u1	

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

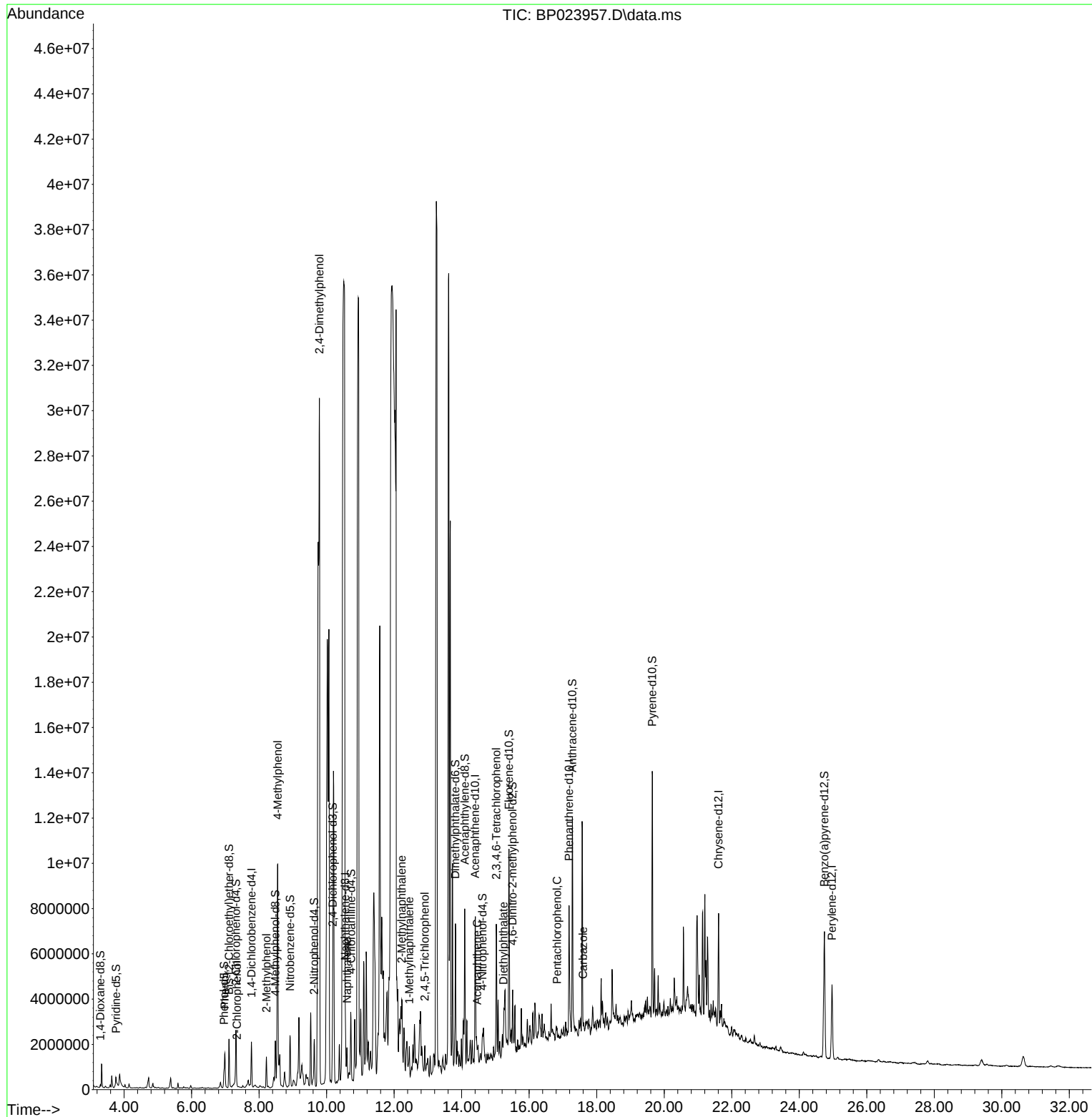
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023957.D
Acq On : 06 Feb 2025 05:52
Operator : RC/JU
Sample : Q1202-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

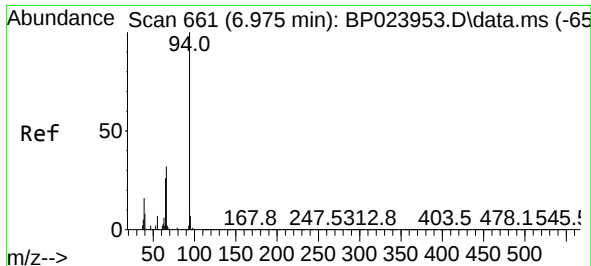
Instrument :
BNA_P
ClientSampleId :
E29B4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

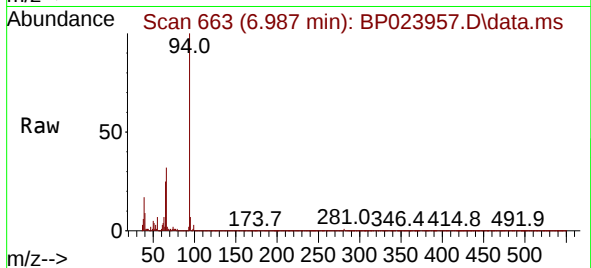
Quant Time: Feb 06 08:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration





#8
Phenol
Concen: 18.540 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

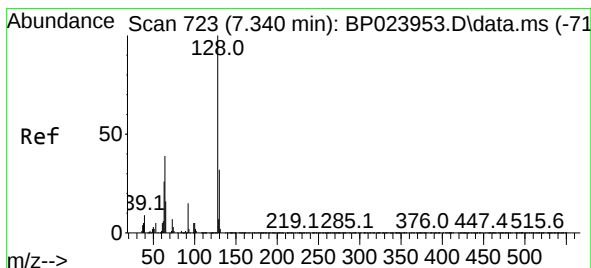
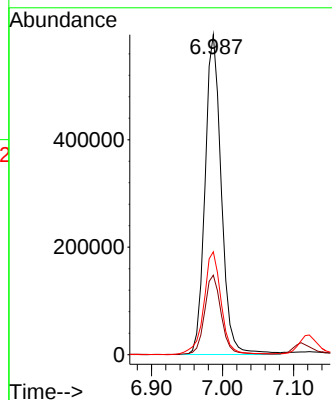
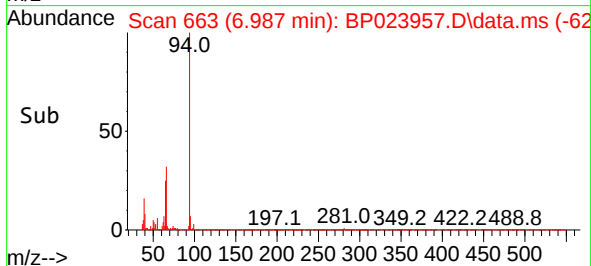
Instrument :
BNA_P
ClientSampleId :
E29B4



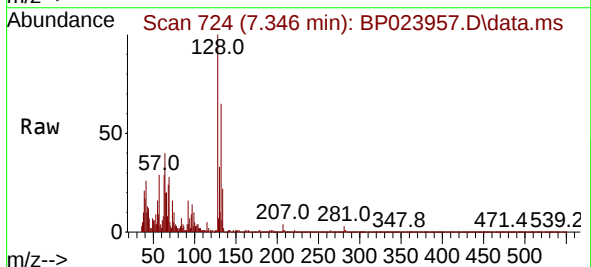
Tgt Ion: 94 Resp: 951140
Ion Ratio Lower Upper
94 100
65 24.9 20.1 30.1
66 32.1 26.0 39.0

Manual Integrations
APPROVED

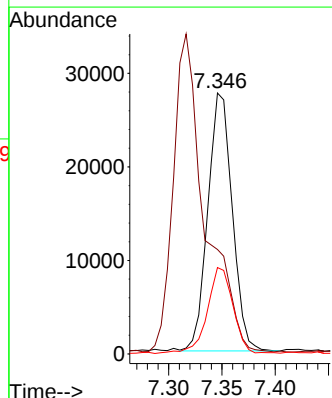
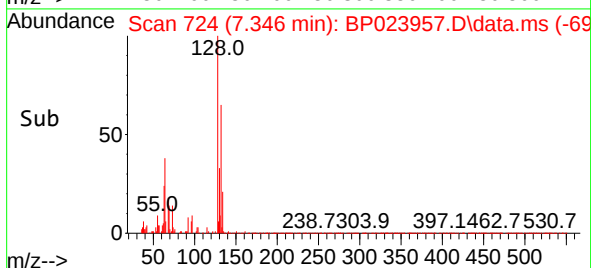
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

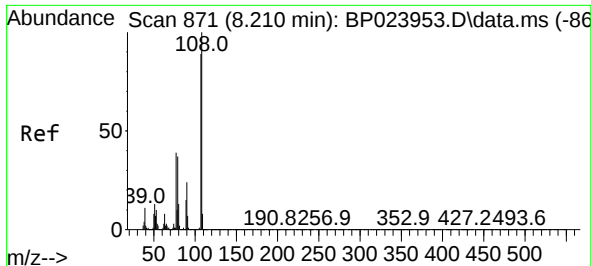


#12
2-Chlorophenol
Concen: 1.089 ng/ul
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52



Tgt Ion:128 Resp: 44035
Ion Ratio Lower Upper
128 100
64 40.0 31.1 46.7
130 33.1 25.8 38.6





#13

2-Methylphenol

Concen: 12.553 ng/ul

RT: 8.216 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Instrument :

BNA_P

ClientSampleId :

E29B4

Tgt Ion:108 Resp: 48454

Ion Ratio Lower Upper

108 100

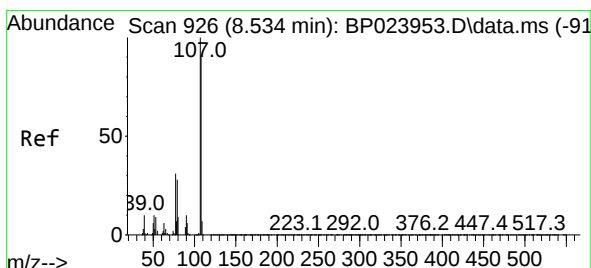
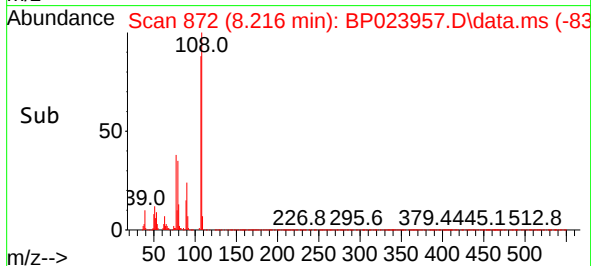
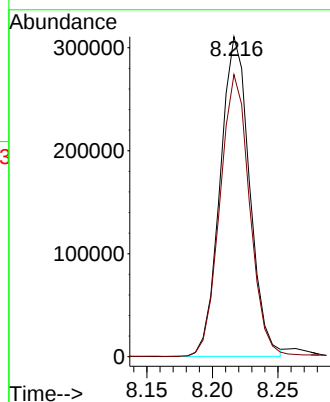
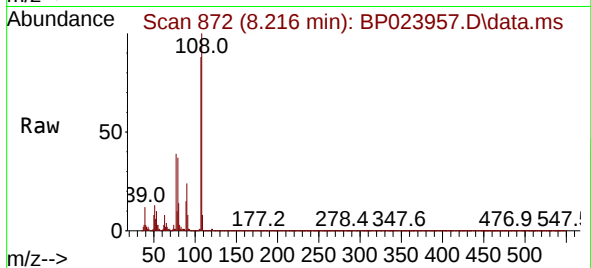
107 88.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#18

4-Methylphenol

Concen: 106.924 ng/ul

RT: 8.552 min Scan# 929

Delta R.T. 0.018 min

Lab File: BP023957.D

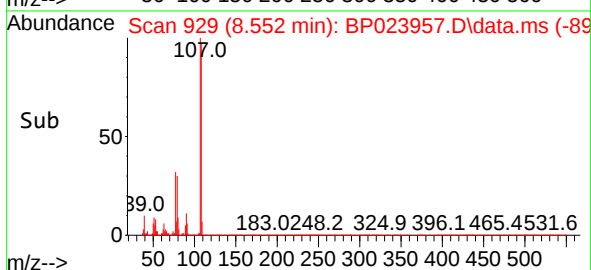
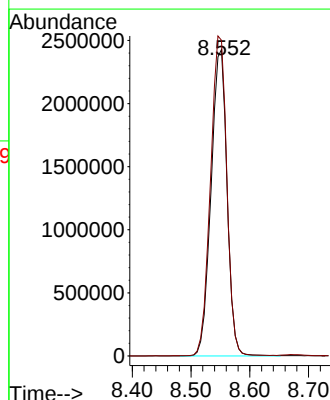
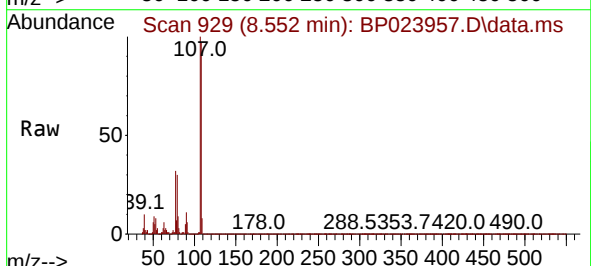
Acq: 06 Feb 2025 05:52

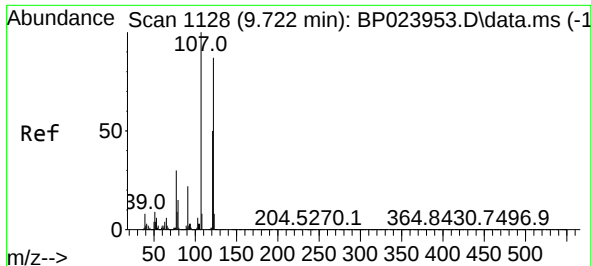
Tgt Ion:108 Resp: 4579396

Ion Ratio Lower Upper

108 100

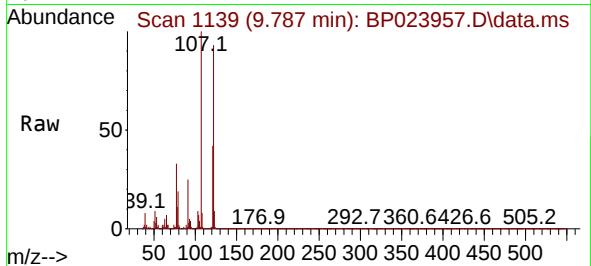
107 103.0 87.8 131.6





#26
2,4-Dimethylphenol
Concen: 881.547 ng/ul m
RT: 9.787 min Scan# 1128
Delta R.T. 0.059 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

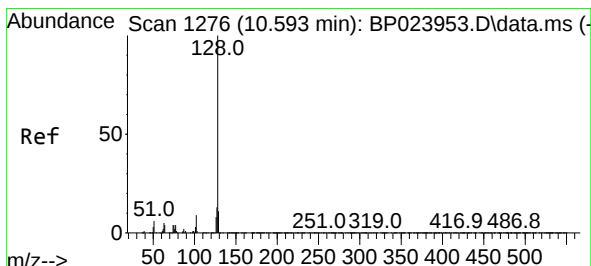
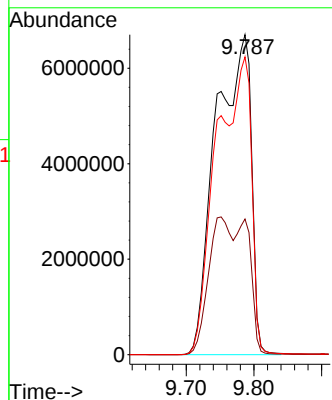
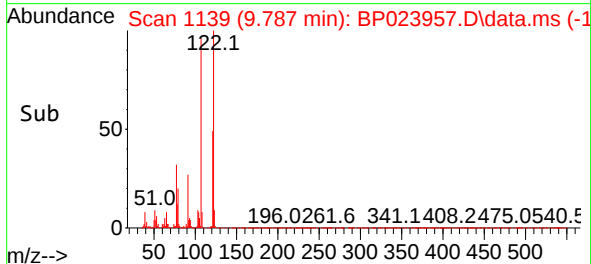
Instrument :
BNA_P
ClientSampleId :
E29B4



Tgt Ion:107 Resp:2427584
Ion Ratio Lower Upper
107 100
121 42.4 41.4 62.2
122 93.0 71.5 107.3

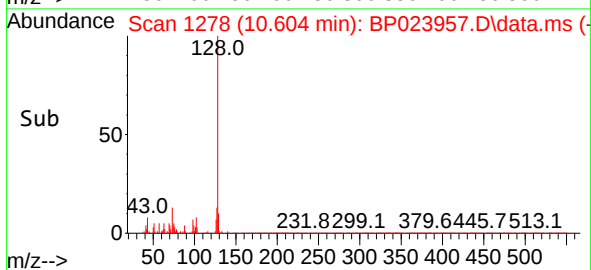
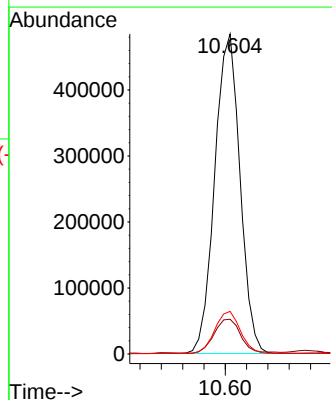
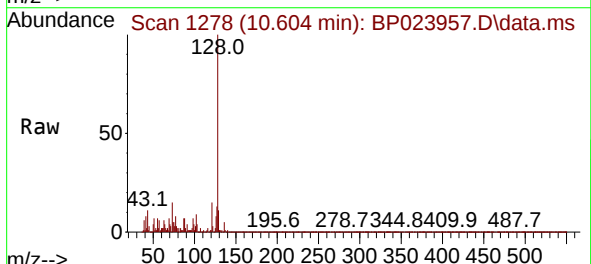
Manual Integrations
APPROVED

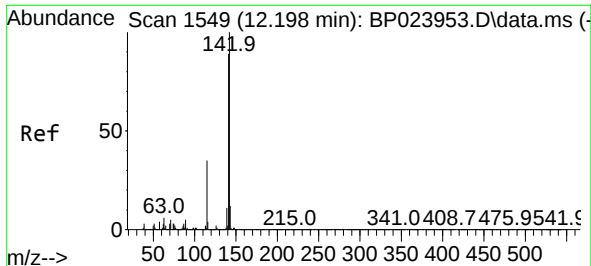
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#30
Naphthalene
Concen: 9.405 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. 0.012 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

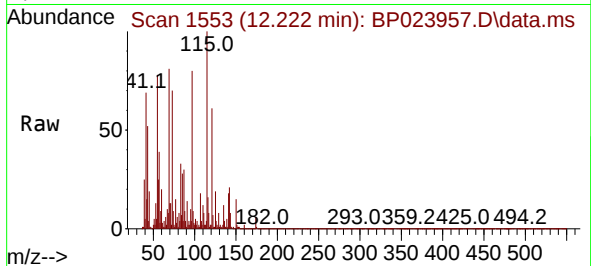
Tgt Ion:128 Resp: 795413
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.5 15.7





#36
2-Methylnaphthalene
Concen: 1.470 ng/ul
RT: 12.222 min Scan# 1553
Delta R.T. 0.018 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

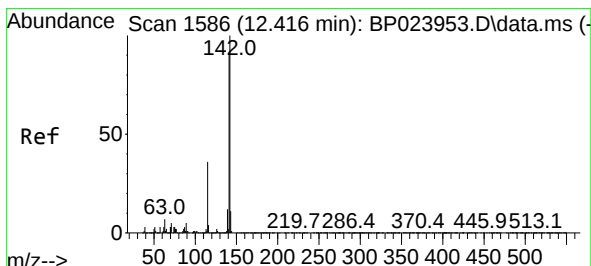
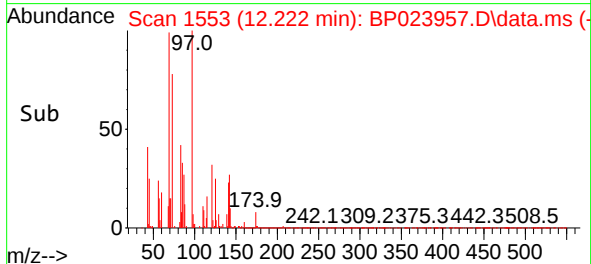
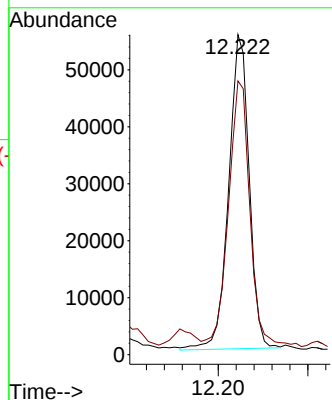
Instrument :
BNA_P
ClientSampleId :
E29B4



Tgt Ion:142 Resp: 87419
Ion Ratio Lower Upper
142 100
141 85.6 70.8 106.2

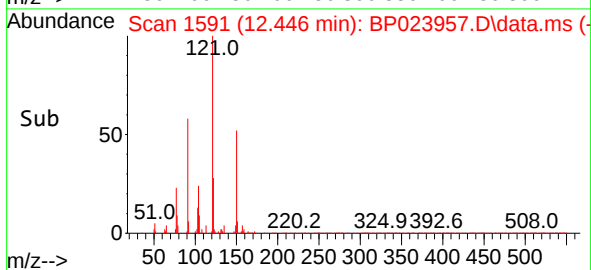
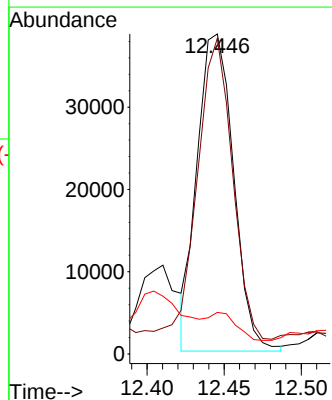
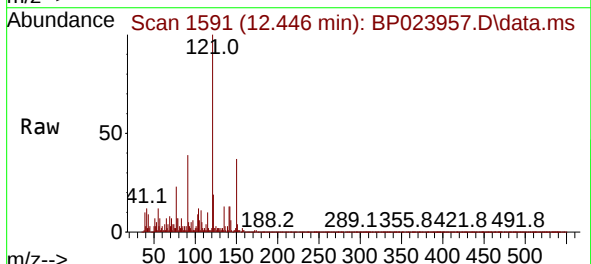
Manual Integrations
APPROVED

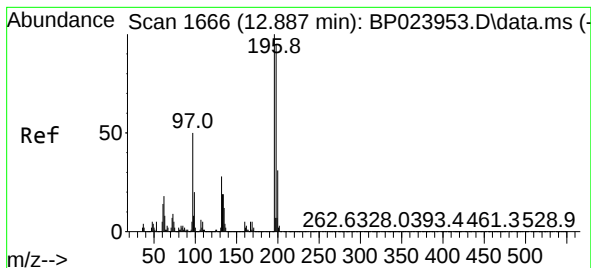
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#37
1-Methylnaphthalene
Concen: 1.073 ng/ul m
RT: 12.446 min Scan# 1591
Delta R.T. 0.024 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

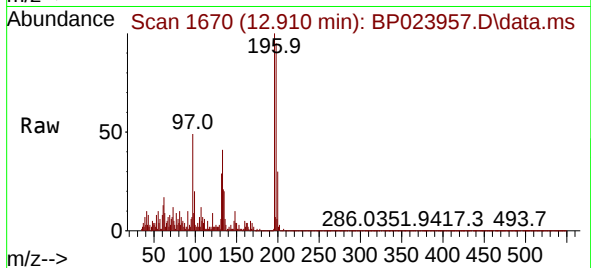
Tgt Ion:142 Resp: 63280
Ion Ratio Lower Upper
142 100
141 98.6 72.8 109.2
116 13.0 2.9 4.3#





#42
2,4,5-Trichlorophenol
Concen: 9.027 ng/ul
RT: 12.910 min Scan# 1666
Delta R.T. 0.018 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

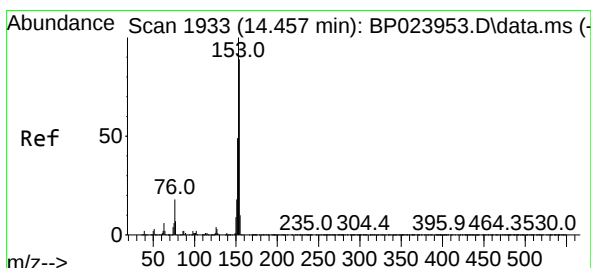
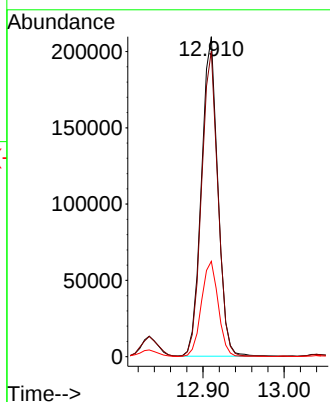
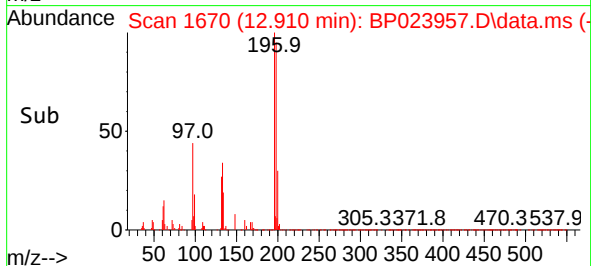
Instrument :
BNA_P
ClientSampleId :
E29B4



Tgt Ion:196 Resp: 293700
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
200 29.8 24.9 37.3

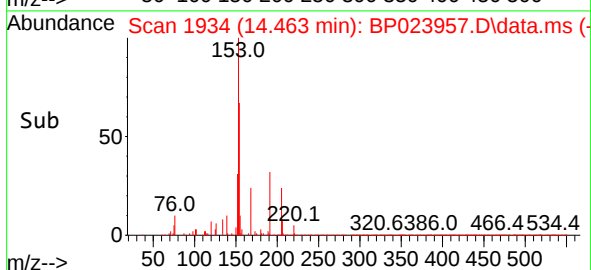
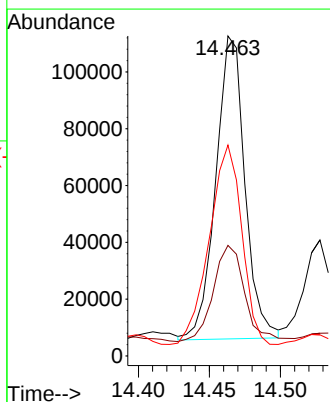
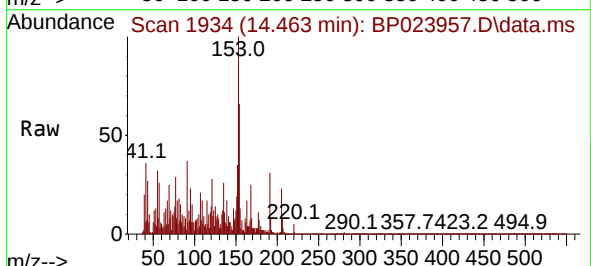
Manual Integrations
APPROVED

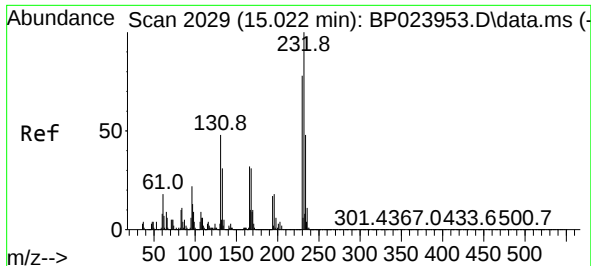
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#52
Acenaphthene
Concen: 1.568 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

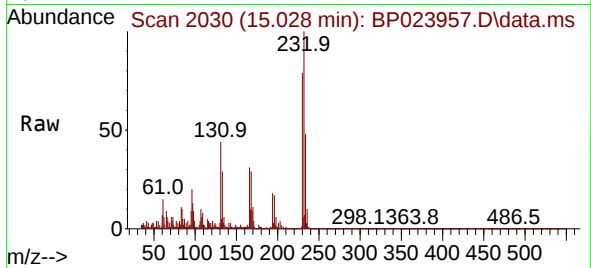
Tgt Ion:153 Resp: 152259
Ion Ratio Lower Upper
153 100
152 34.6 38.2 57.4#
154 65.9 71.2 106.8#





#58
2,3,4,6-Tetrachlorophenol
Concen: 47.294 ng/ul
RT: 15.028 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

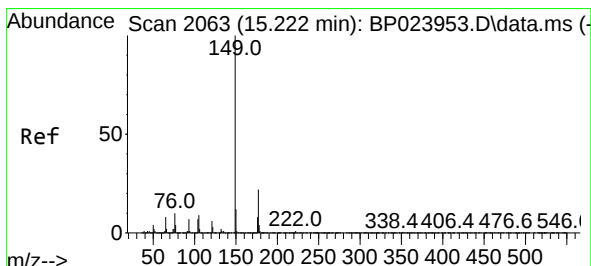
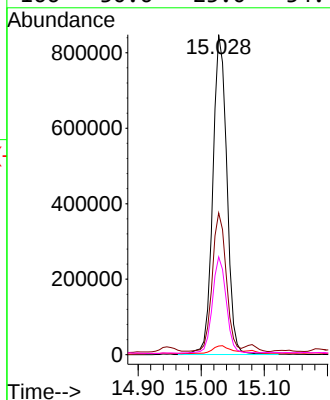
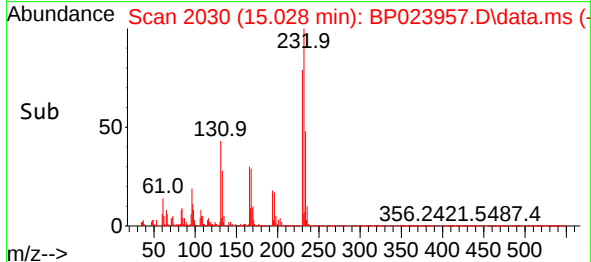
Instrument :
BNA_P
ClientSampleId :
E29B4



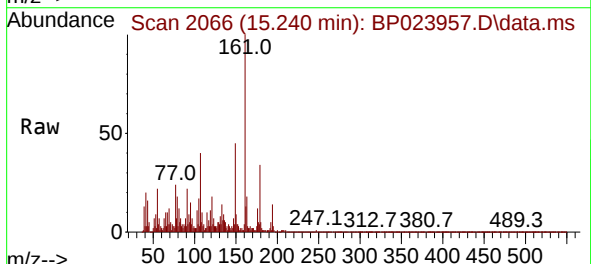
Tgt Ion:232 Resp: 1309394
Ion Ratio Lower Upper
232 100
131 44.3 32.4 48.6
130 2.7 1.7 2.5
166 30.6 23.0 34.4

Manual Integrations
APPROVED

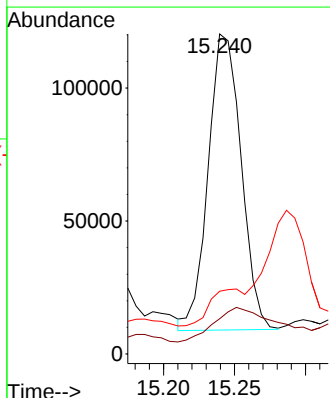
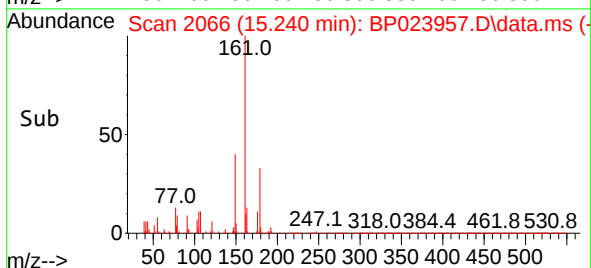
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

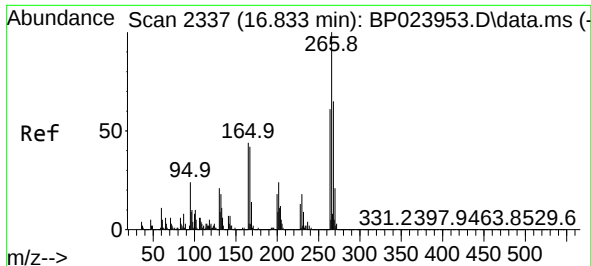


#59
Diethylphthalate
Concen: 1.579 ng/ul
RT: 15.240 min Scan# 2066
Delta R.T. 0.018 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52



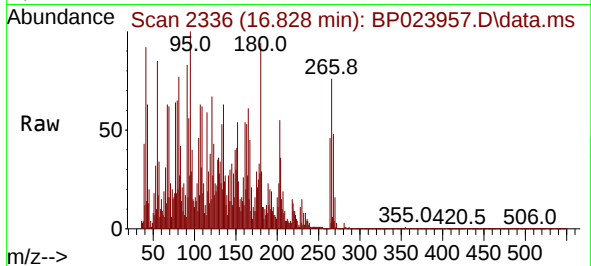
Tgt Ion:149 Resp: 179482
Ion Ratio Lower Upper
149 100
177 11.0 17.4 26.0#
150 19.6 9.9 14.9#





#71
Pentachlorophenol
Concen: 2.599 ng/ul
RT: 16.828 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

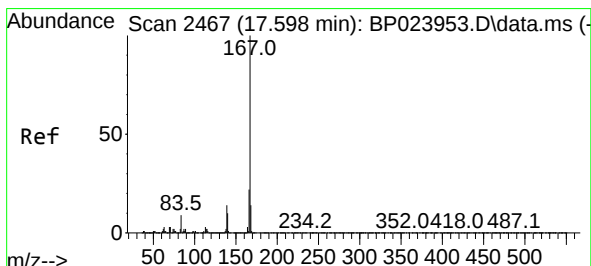
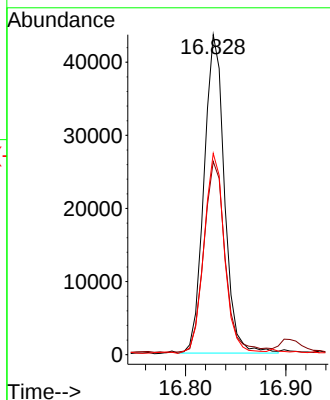
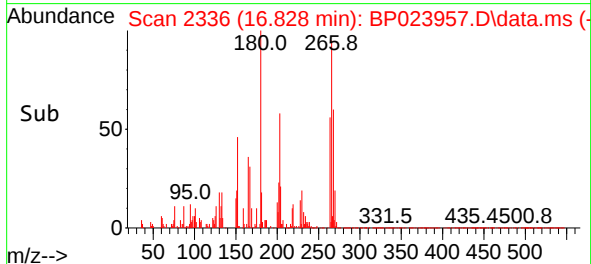
Instrument :
BNA_P
ClientSampleId :
E29B4



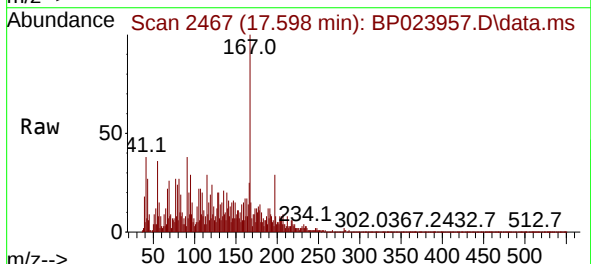
Tgt Ion:266 Resp: 61774
Ion Ratio Lower Upper
266 100
264 60.4 50.8 76.2
268 62.9 51.1 76.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#77
Carbazole
Concen: 2.002 ng/ul m
RT: 17.598 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52



Tgt Ion:167 Resp: 282398
Ion Ratio Lower Upper
167 100
166 24.9 17.0 25.6
139 20.4 10.2 15.4#

