

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023959.D
 Acq On : 06 Feb 2025 07:13
 Operator : RC/JU
 Sample : Q1202-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29B0

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 08:20:58 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	7.769	152	551773	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	2035931	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	1619377	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.198	188	2881074	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	2783873	20.000	ng/u1	-0.01
88) Perylene-d12	25.003	264	2961016	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	69750	5.252	ng/uL	0.00
4) Pyridine-d5	3.728	84	570439m	14.886	ng/u1	0.02
7) Phenol-d5	6.963	99	523494	10.721	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	833427	32.245	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	1197843	31.238	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	918203	23.019	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	660187	40.530	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	732500	41.676	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	1244940	38.611	ng/u1	0.01
31) 4-Chloroaniline-d4	10.710	131	778788	16.151	ng/u1	0.03
46) Dimethylphthalate-d6	13.816	166	3880939	32.130	ng/u1	0.02
49) Acenaphthylene-d8	14.092	160	4588092	33.678	ng/u1	0.01
54) 4-Nitrophenol-d4	14.633	143	260851	10.874	ng/u1	0.02
60) Fluorene-d10	15.404	176	3431220	33.732	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.527	200	623854	35.099	ng/u1	0.02
73) Anthracene-d10	17.304	188	5261262	37.192	ng/u1	0.02
81) Pyrene-d10	19.662	212	5856893	39.265	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	5969356	38.639	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.987	94	309059	6.164	ng/u1	99
13) 2-Methylphenol	8.216	108	167975	4.452	ng/u1	98
18) 4-Methylphenol	8.551	108	3383946	80.844	ng/u1	94
26) 2,4-Dimethylphenol	9.775	107	14281358m	402.489	ng/u1	
30) Naphthalene	10.598	128	193342	1.774	ng/u1	99
36) 2-Methylnaphthalene	12.204	142	111769	1.459	ng/u1	99
37) 1-Methylnaphthalene	12.422	142	174092	2.290	ng/u1#	97
42) 2,4,5-Trichlorophenol	12.898	196	79423	2.304	ng/u1	100
59) Diethylphthalate	15.251	149	211167	1.754	ng/u1#	77
72) Phenanthrene	17.245	178	209506	1.288	ng/u1#	88
77) Carbazole	17.610	167	149390	1.039	ng/u1#	87

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

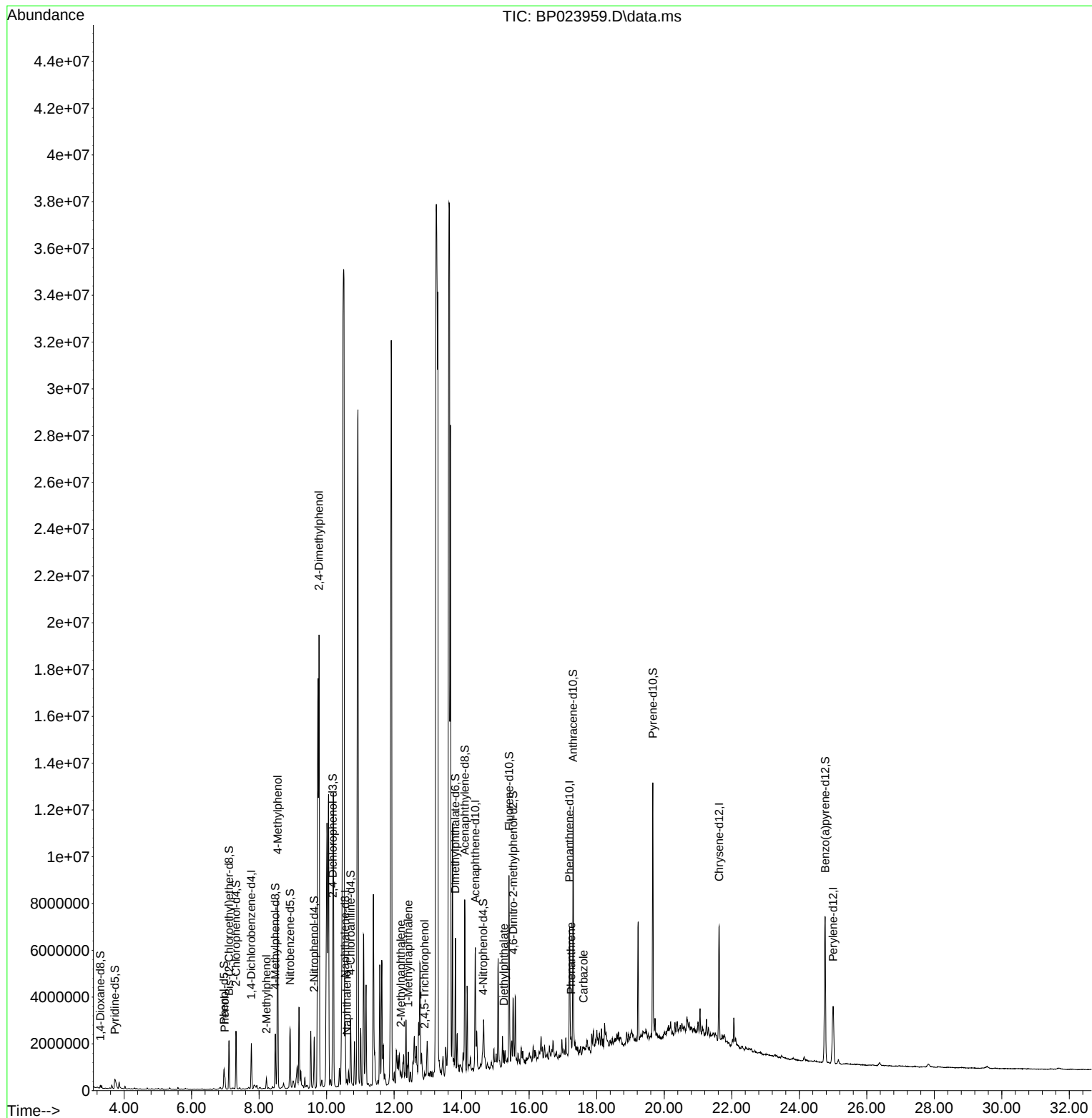
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023959.D
Acq On : 06 Feb 2025 07:13
Operator : RC/JU
Sample : Q1202-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

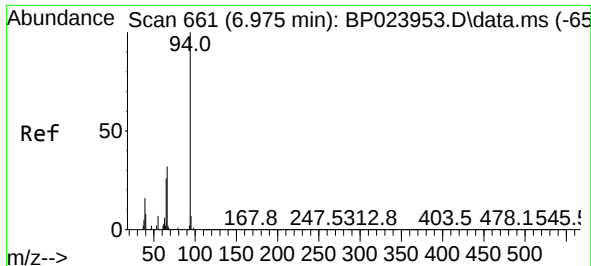
Instrument :
BNA_P
ClientSampleId :
E29B0

Manual Integrations
APPROVED

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

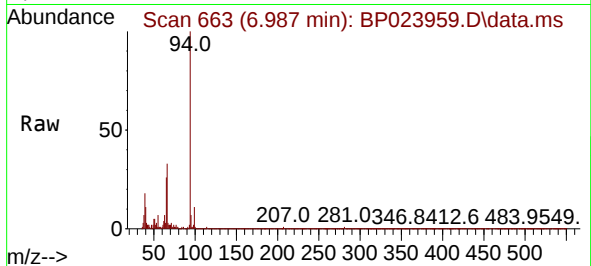
Quant Time: Feb 06 08:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration





#8
Phenol
Concen: 6.164 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

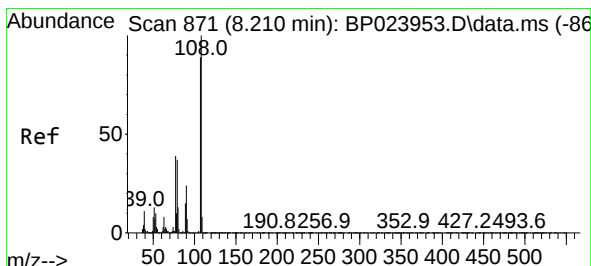
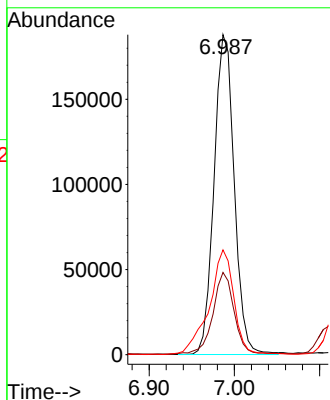
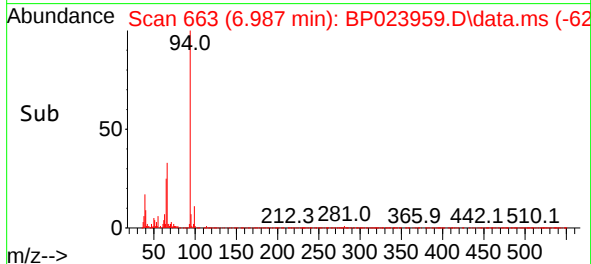
Instrument :
BNA_P
ClientSampleId :
E29B0



Tgt Ion: 94 Resp: 309059
Ion Ratio Lower Upper
94 100
65 25.7 20.1 30.1
66 32.8 26.0 39.0

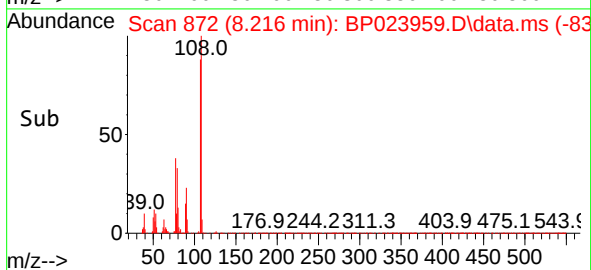
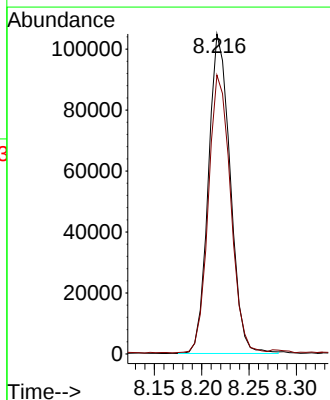
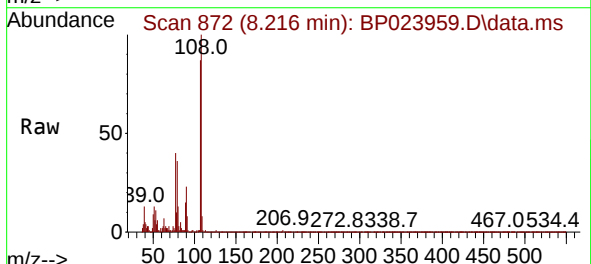
Manual Integrations
APPROVED

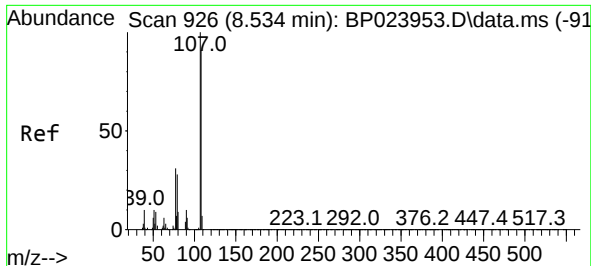
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#13
2-Methylphenol
Concen: 4.452 ng/ul
RT: 8.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

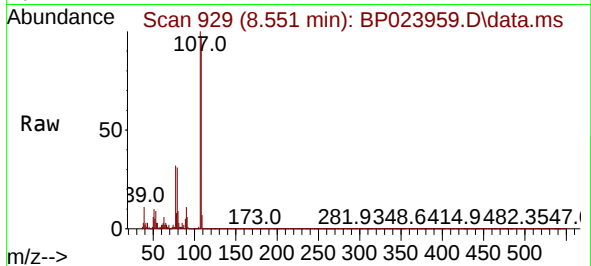
Tgt Ion:108 Resp: 167975
Ion Ratio Lower Upper
108 100
107 87.2 71.0 106.6





#18
4-Methylphenol
Concen: 80.844 ng/ul
RT: 8.551 min Scan# 91
Delta R.T. 0.017 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

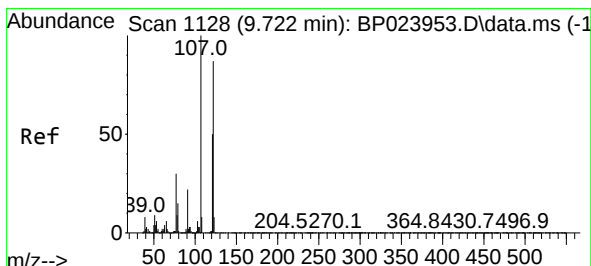
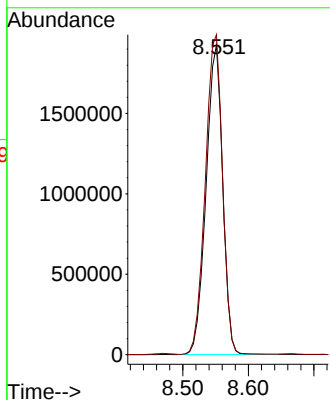
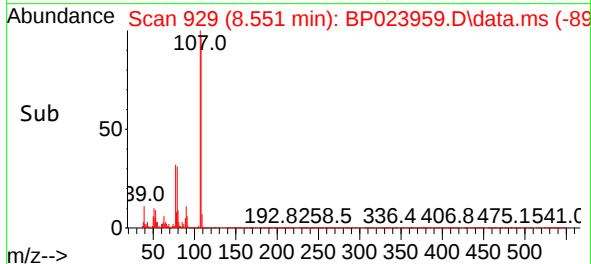
Instrument :
BNA_P
ClientSampleId :
E29B0



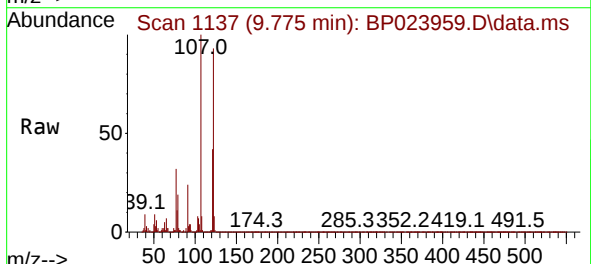
Tgt Ion:108 Resp: 338394
Ion Ratio Lower Upper
108 100
107 103.3 87.8 131.6

Manual Integrations
APPROVED

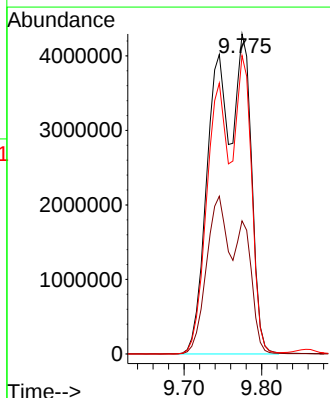
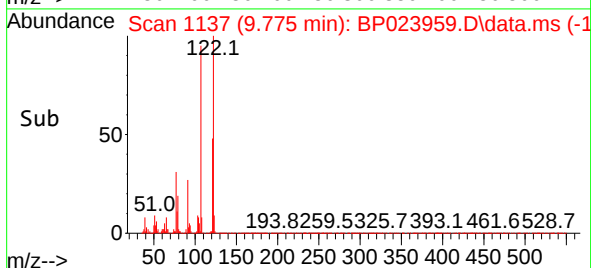
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

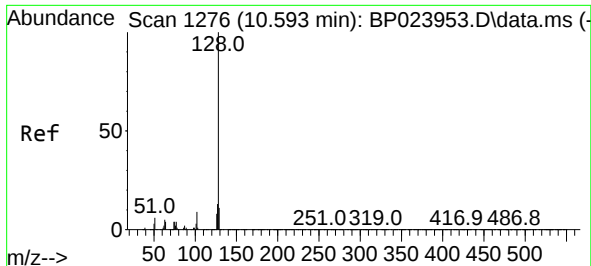


#26
2,4-Dimethylphenol
Concen: 402.489 ng/ul m
RT: 9.775 min Scan# 1137
Delta R.T. 0.047 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13



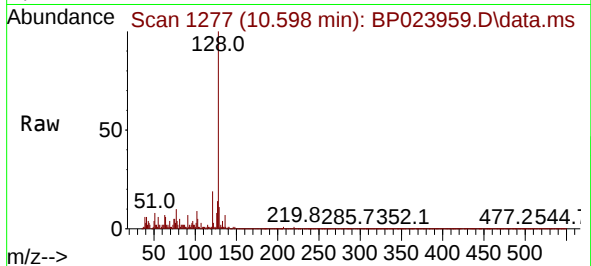
Tgt Ion:107 Resp:14281358
Ion Ratio Lower Upper
107 100
121 41.6 41.4 62.2
122 93.2 71.5 107.3





#30
Naphthalene
Concen: 1.774 ng/ul
RT: 10.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

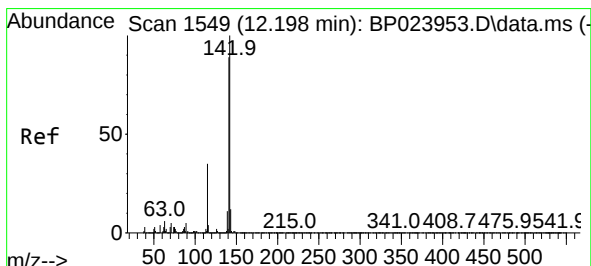
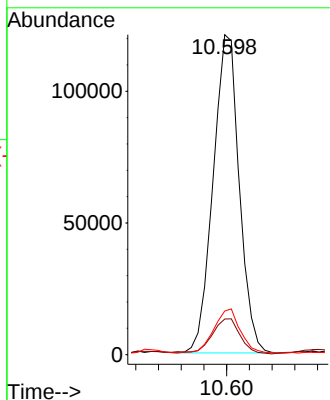
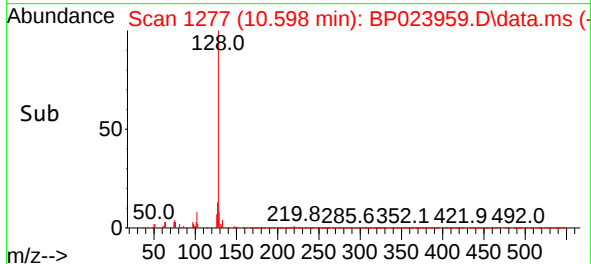
Instrument :
BNA_P
ClientSampleId :
E29B0



Tgt Ion:128 Resp: 19334
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.5 15.7

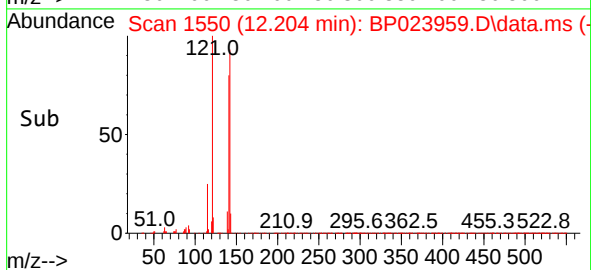
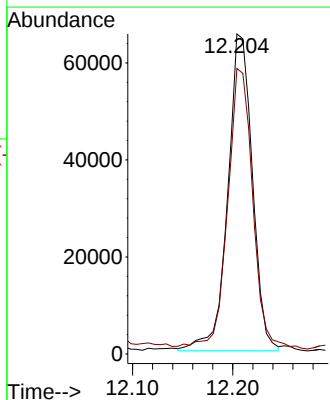
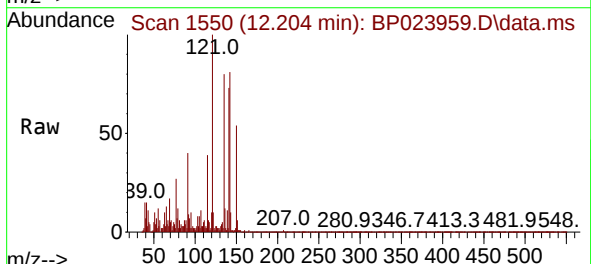
Manual Integrations
APPROVED

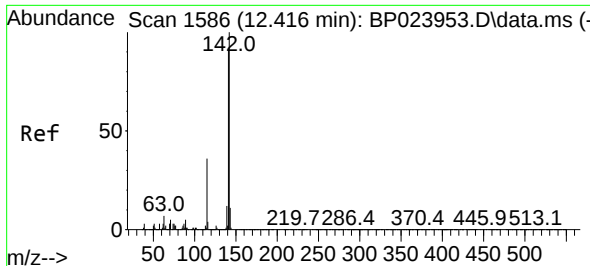
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#36
2-Methylnaphthalene
Concen: 1.459 ng/ul
RT: 12.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

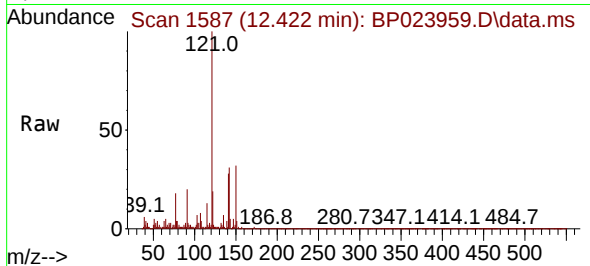
Tgt Ion:142 Resp: 111769
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2





#37
1-Methylnaphthalene
Concen: 2.290 ng/ul
RT: 12.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

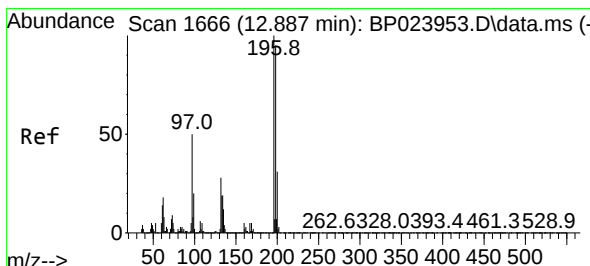
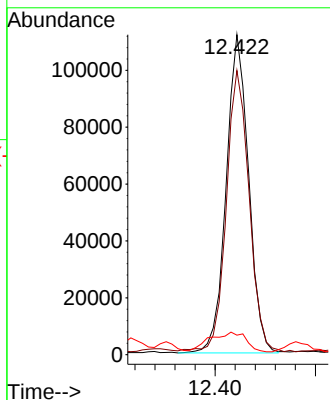
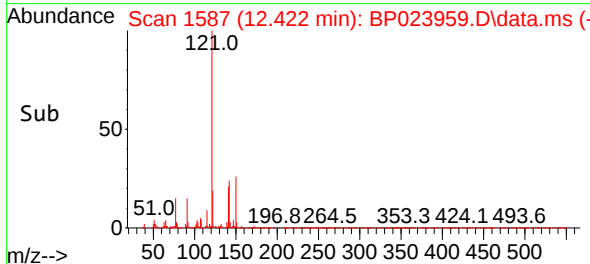
Instrument :
BNA_P
ClientSampleId :
E29B0



Tgt Ion:142 Resp: 174092
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2
116 6.1 2.9 4.3

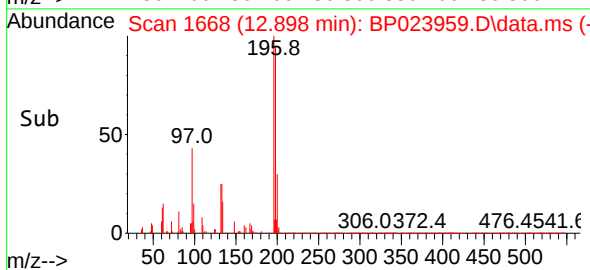
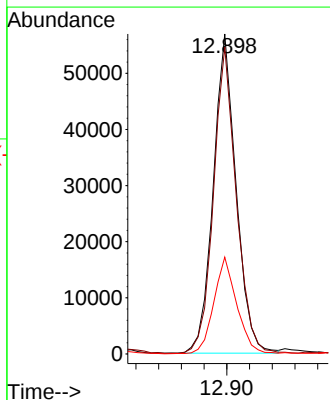
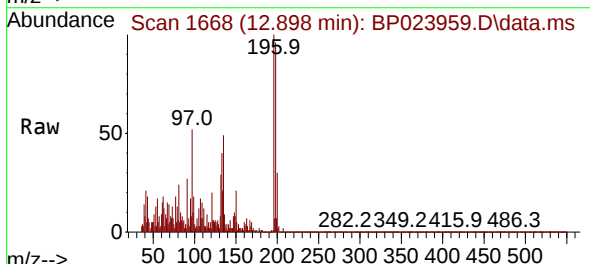
Manual Integrations
APPROVED

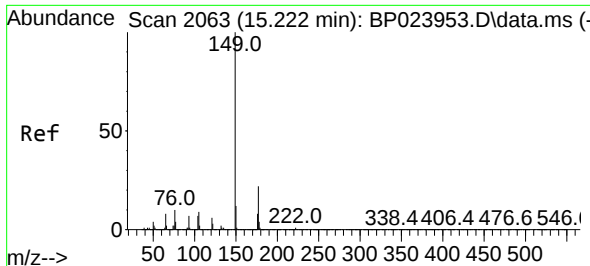
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#42
2,4,5-Trichlorophenol
Concen: 2.304 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. 0.006 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

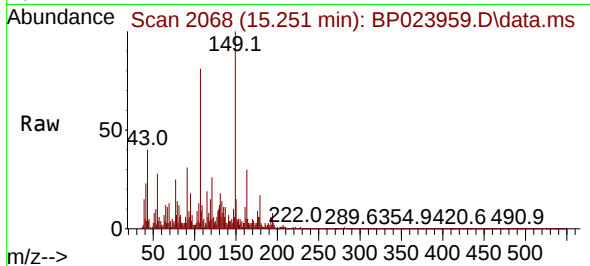
Tgt Ion:196 Resp: 79423
Ion Ratio Lower Upper
196 100
198 95.9 76.8 115.2
200 30.3 24.9 37.3





#59
Diethylphthalate
Concen: 1.754 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. 0.029 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

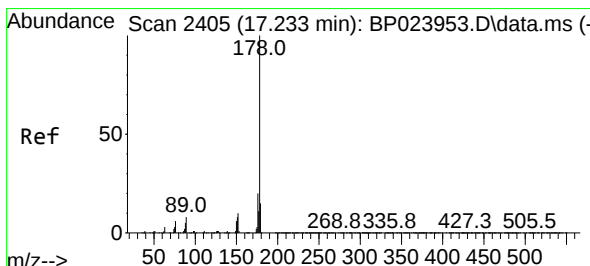
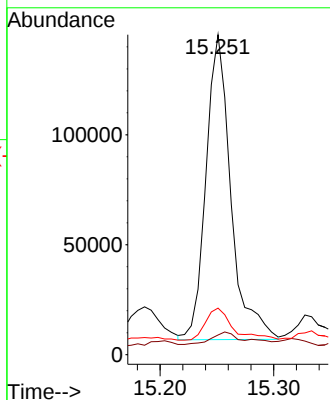
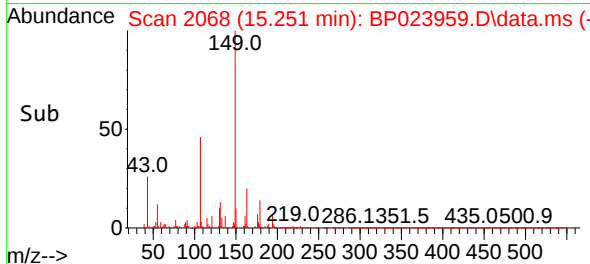
Instrument :
BNA_P
ClientSampleId :
E29B0



Tgt Ion:149 Resp: 21116
Ion Ratio Lower Upper
149 100
177 6.2 17.4 26.0
150 14.5 9.9 14.9

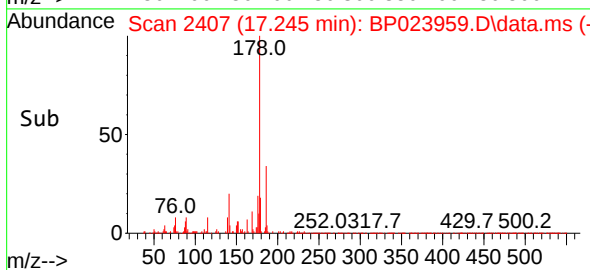
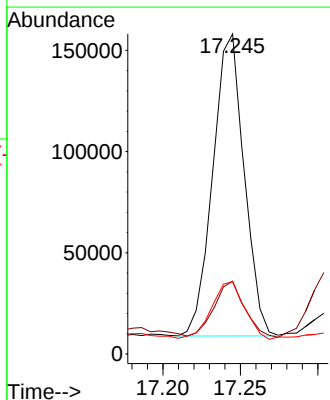
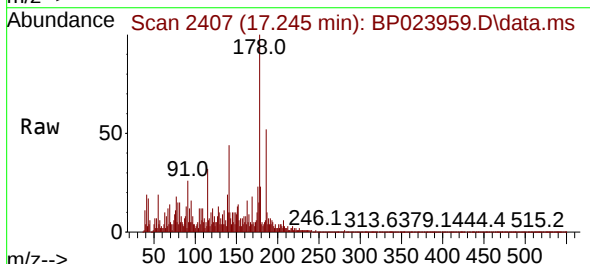
Manual Integrations
APPROVED

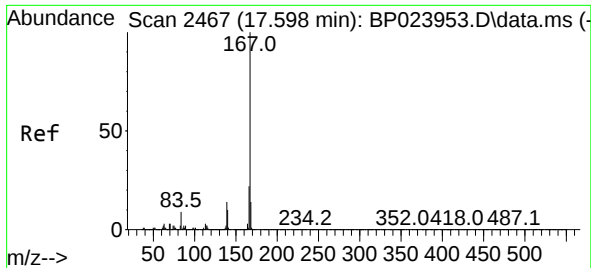
Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Phenanthrene
Concen: 1.288 ng/ul
RT: 17.245 min Scan# 2407
Delta R.T. 0.017 min
Lab File: BP023959.D
Acq: 06 Feb 2025 07:13

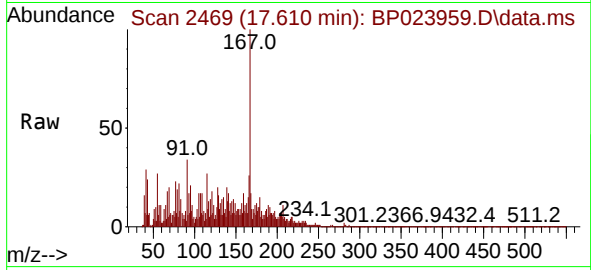
Tgt Ion:178 Resp: 209506
Ion Ratio Lower Upper
178 100
179 22.7 12.2 18.4
176 22.6 15.6 23.4





#77
 Carbazole
 Concen: 1.039 ng/ul
 RT: 17.610 min Scan# 2469
 Delta R.T. 0.011 min
 Lab File: BP023959.D
 Acq: 06 Feb 2025 07:13

Instrument :
 BNA_P
 ClientSampleId :
 E29B0



Tgt Ion:167 Resp: 149390
 Ion Ratio Lower Upper
 167 100
 166 26.0 17.0 25.6
 139 20.5 10.2 15.4

Manual Integrations
 APPROVED

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

