

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018857.D
 Acq On : 14 Dec 2023 23:13
 Operator : MA/JU
 Sample : 05752-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 23:41:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	239452	20.000	ng/u1	0.02
20) Naphthalene-d8	10.657	136	1057299	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.463	164	687689	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1498825	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1488796	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	1706406	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	15120	2.152	ng/uL	0.00
4) Pyridine-d5	3.693	84	10413	0.553	ng/u1	0.02
7) Phenol-d5	7.004	99	238048	9.906	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	158434	11.124	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	196456	10.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	174885	8.993	ng/u1	0.00
21) Nitrobenzene-d5	8.992	128	87039	9.249	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	74483	7.634	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	192879	9.668	ng/u1	0.01
31) 4-Chloroaniline-d4	10.786	131	73480	2.818	ng/u1	0.02
46) Dimethylphthalate-d6	13.880	166	599753	9.772	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	652943	9.661	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	58744	5.831	ng/u1	0.00
60) Fluorene-d10	15.451	176	550934	10.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	53592	5.963	ng/u1	0.00
73) Anthracene-d10	17.310	188	813435	10.323	ng/u1	0.00
81) Pyrene-d10	19.545	212	1033252	8.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.503	264	1016653	10.218	ng/u1	-0.01
Target Compounds						
6) Benzaldehyde	6.981	77	49528	3.992	ng/u1	97
8) Phenol	7.034	94	130404	5.534	ng/u1	97
16) Acetophenone	8.663	105	297934	10.280	ng/u1	98
18) 4-Methylphenol	8.604	108	53050	2.693	ng/u1	91
39) 1,2,4,5-Tetrachloroben...	12.657	216	3522956m	141.199	ng/u1	
69) Hexachlorobenzene	16.510	284	28853	1.366	ng/u1	96
75) 1,2,3,4-Tetrachloroben...	13.275	216	9453995	364.793	ng/uL	97
76) Pentachlorobenzene	14.780	250	1287036	50.557	ng/uL	100

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

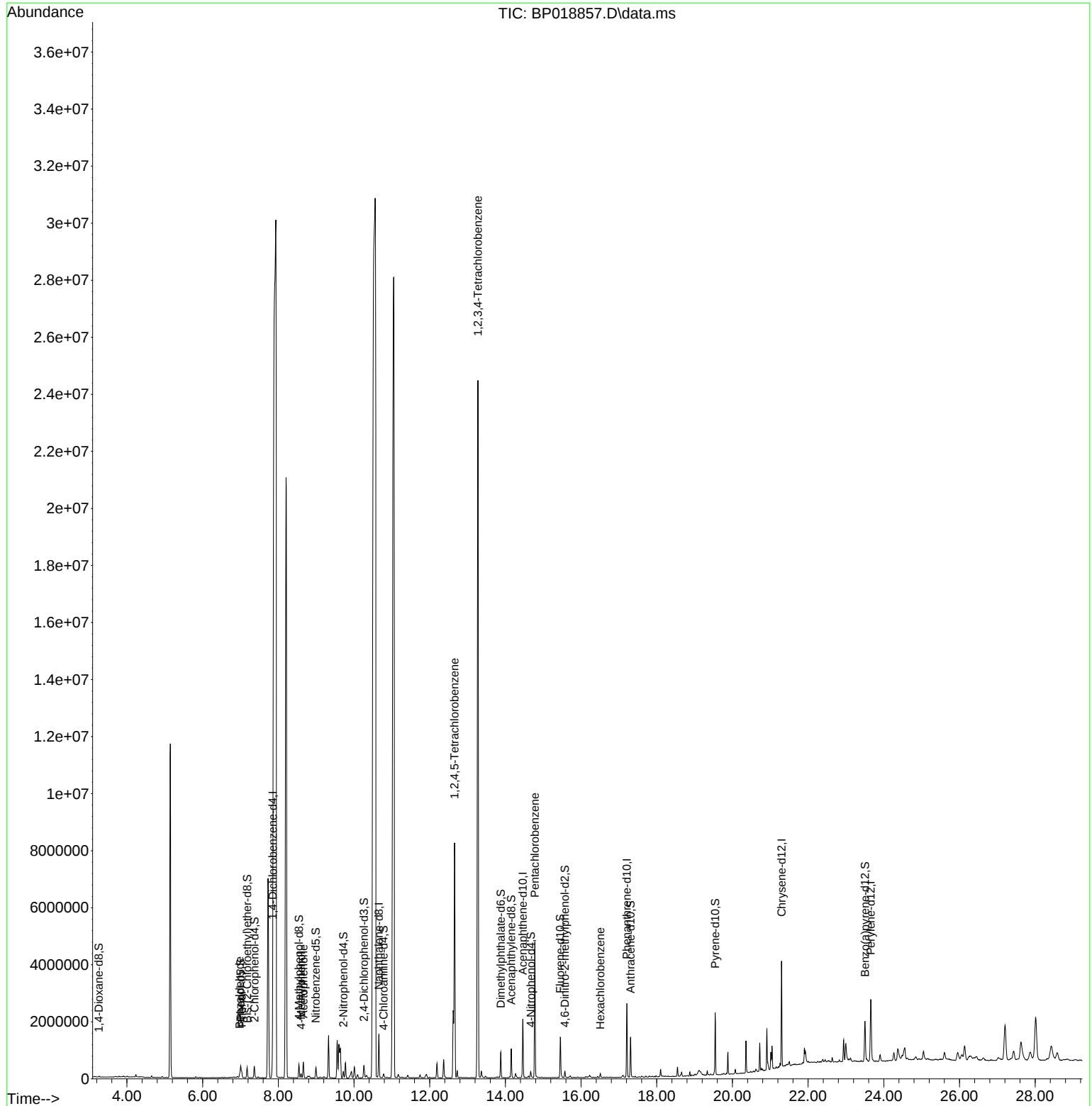
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018857.D
Acq On : 14 Dec 2023 23:13
Operator : MA/JU
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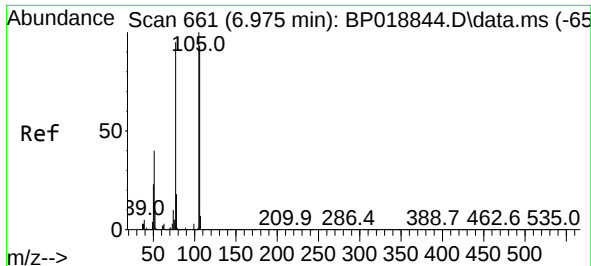
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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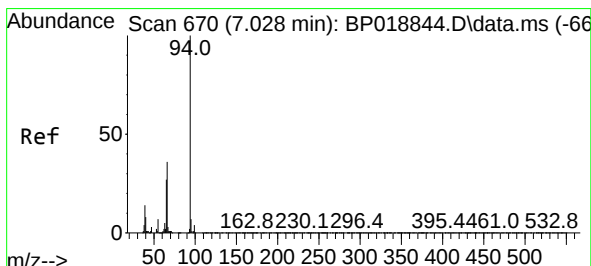
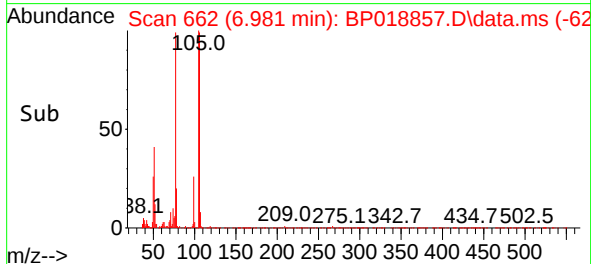
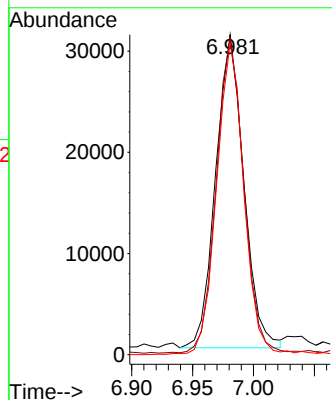
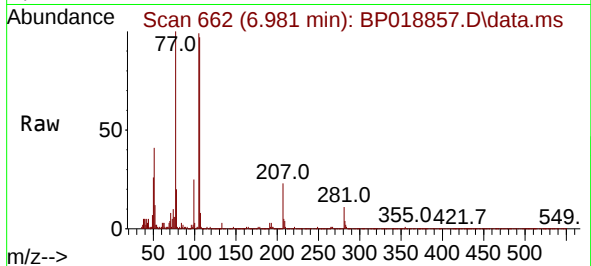
#6
Benzaldehyde
Concen: 3.992 ng/ul
RT: 6.981 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP018857.D
Acq: 14 Dec 2023 23:13

Instrument :
BNA_P
ClientSampleId :
COATO

Tgt Ion: 77 Resp: 49528
Ion Ratio Lower Upper
77 100
105 99.0 77.9 116.9
106 97.3 74.6 111.8

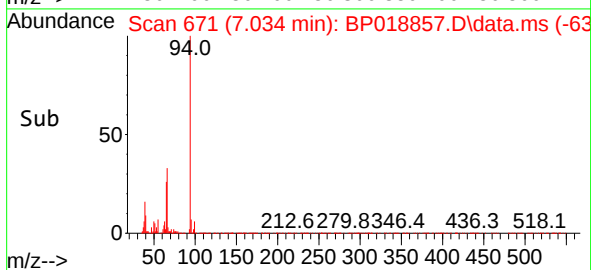
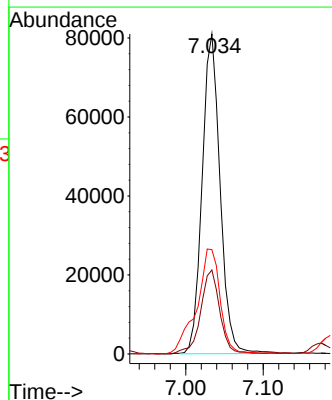
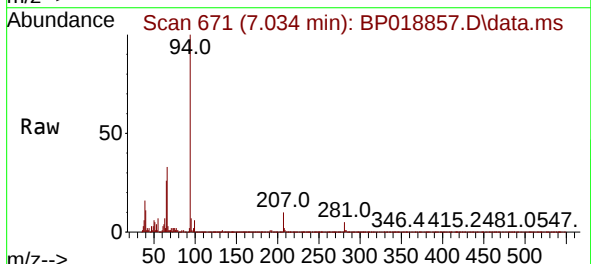
Manual Integrations
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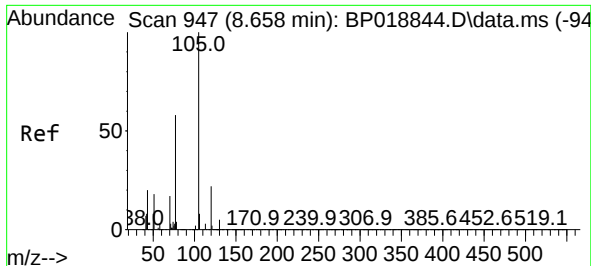
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#8
Phenol
Concen: 5.534 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP018857.D
Acq: 14 Dec 2023 23:13

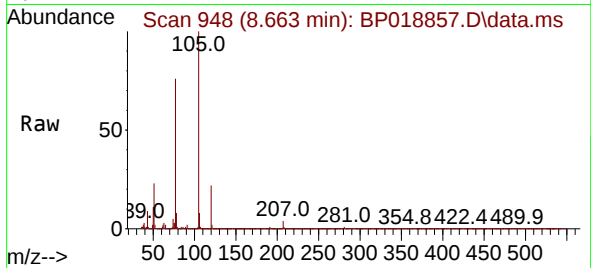
Tgt Ion: 94 Resp: 130404
Ion Ratio Lower Upper
94 100
65 26.2 21.0 31.6
66 32.6 28.6 43.0





#16
Acetophenone
Concen: 10.280 ng/ul
RT: 8.663 min Scan# 947
Delta R.T. 0.006 min
Lab File: BP018857.D
Acq: 14 Dec 2023 23:13

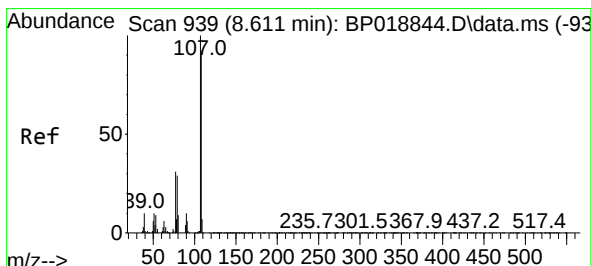
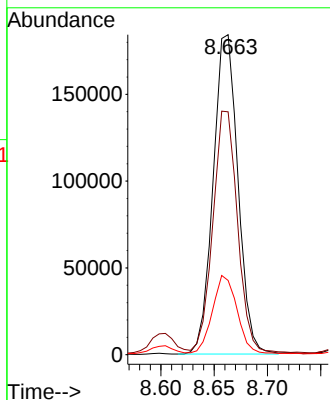
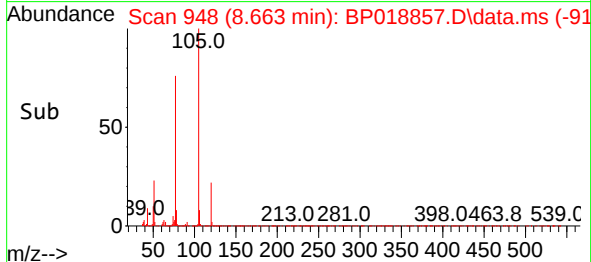
Instrument :
BNA_P
ClientSampleId :
COATO



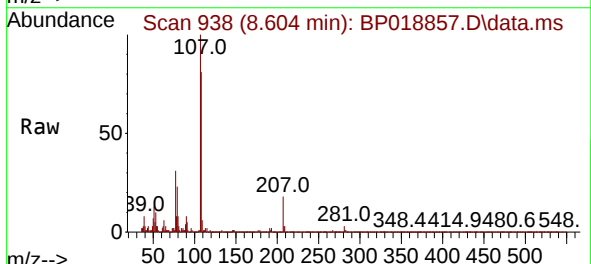
Tgt Ion:105 Resp: 297934
Ion Ratio Lower Upper
105 100
77 75.9 59.4 89.0
51 23.2 19.4 29.0

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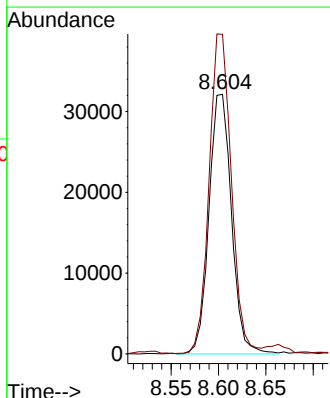
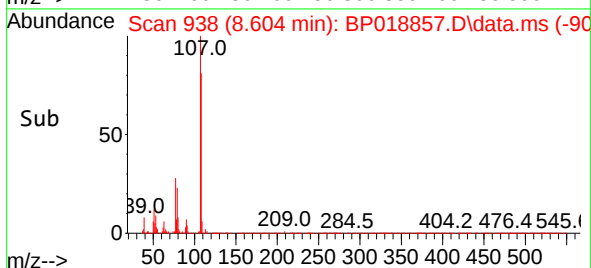
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

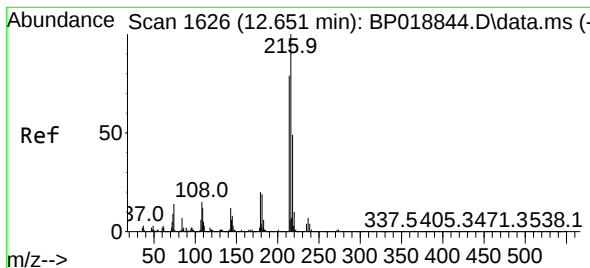


#18
4-Methylphenol
Concen: 2.693 ng/ul
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BP018857.D
Acq: 14 Dec 2023 23:13



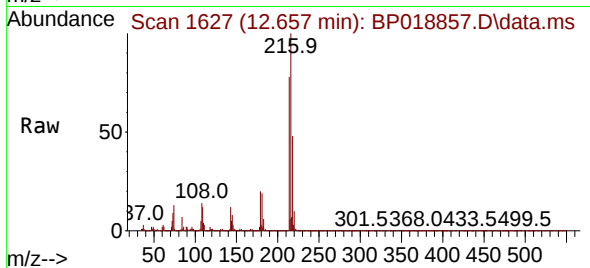
Tgt Ion:108 Resp: 53050
Ion Ratio Lower Upper
108 100
107 123.1 90.6 136.0





#39
1,2,4,5-Tetrachlorobenzene
Concen: 141.199 ng/ul m
RT: 12.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP018857.D
Acq: 14 Dec 2023 23:13

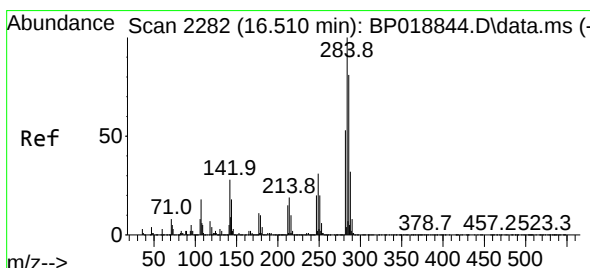
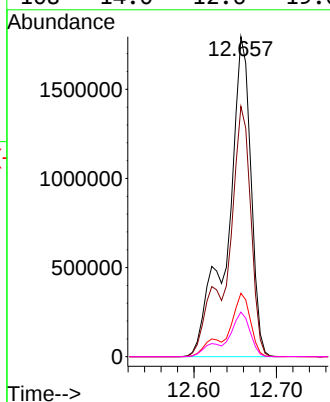
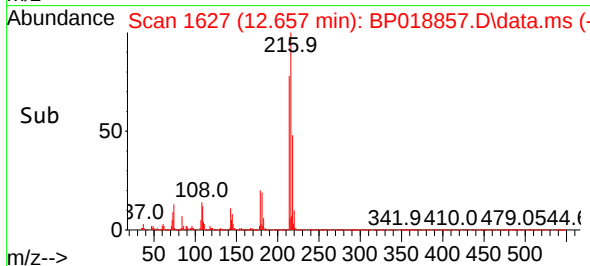
Instrument :
BNA_P
ClientSampleId :
C0AT0



Tgt Ion:216 Resp: 352295
Ion Ratio Lower Upper
216 100
214 78.2 63.9 95.9
179 19.8 16.3 24.5
108 14.0 12.6 19.0

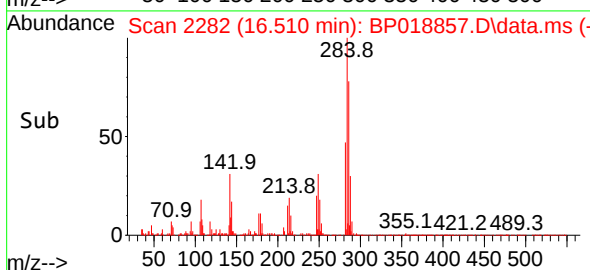
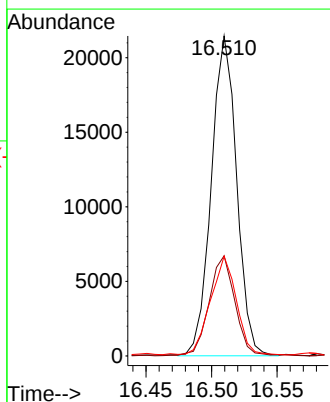
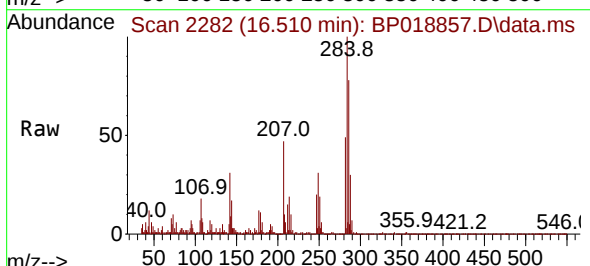
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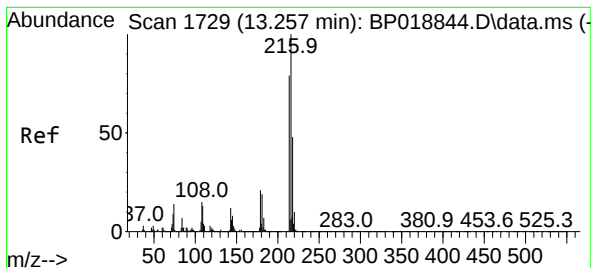
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#69
Hexachlorobenzene
Concen: 1.366 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP018857.D
Acq: 14 Dec 2023 23:13

Tgt Ion:284 Resp: 28853
Ion Ratio Lower Upper
284 100
142 29.6 25.8 38.6
249 29.4 24.9 37.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 364.793 ng/uL

RT: 13.275 min Scan# 1732

Delta R.T. 0.011 min

Lab File: BP018857.D

Acq: 14 Dec 2023 23:13

Instrument :

BNA_P

ClientSampleId :

COATO

Tgt Ion:216 Resp: 945399

Ion Ratio Lower Upper

216 100

214 80.5 61.4 92.2

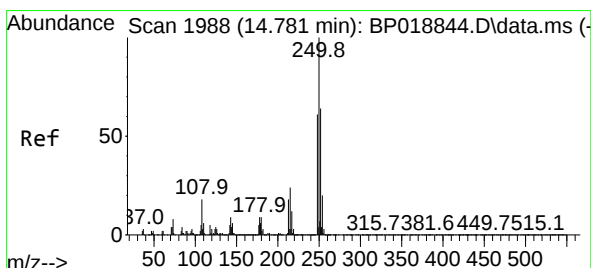
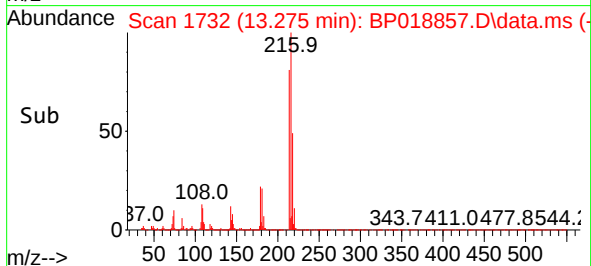
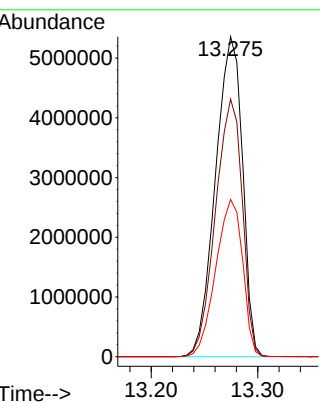
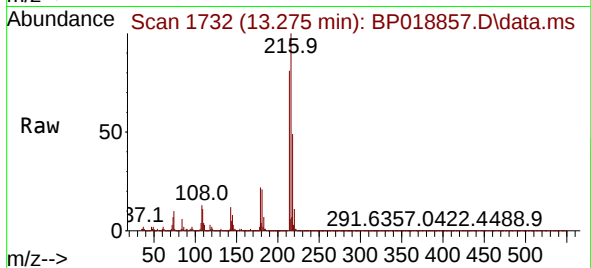
218 49.1 39.2 58.8

Manual Integrations

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#76

Pentachlorobenzene

Concen: 50.557 ng/uL

RT: 14.780 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BP018857.D

Acq: 14 Dec 2023 23:13

Tgt Ion:250 Resp: 1287036

Ion Ratio Lower Upper

250 100

248 63.9 50.6 75.8

252 64.2 51.3 76.9

