

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018848.D
 Acq On : 14 Dec 2023 18:09
 Operator : MA/JU
 Sample : 05646-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT9

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 22:35:15 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	7.846	152	213709	20.000	ng/u1	0.01
20) Naphthalene-d8	10.628	136	797065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	472462	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1106244	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1266144	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1497514	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	28704	4.577	ng/uL	0.00
4) Pyridine-d5	3.675	84	336268	20.018	ng/u1	0.00
7) Phenol-d5	7.005	99	473134	22.061	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	289014	22.737	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	375767	22.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	354791	20.442	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	165148	23.280	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	175284	23.832	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	356966	23.735	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	470192	23.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1067544	25.317	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1229049	26.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	165883	23.966	ng/u1	0.00
60) Fluorene-d10	15.451	176	978723	27.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	117231	17.674	ng/u1	0.00
73) Anthracene-d10	17.310	188	1586108	27.273	ng/u1	0.00
81) Pyrene-d10	19.545	212	2087973	21.185	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	2354051	26.960	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.028	94	46733	2.222	ng/u1	98
18) 4-Methylphenol	8.599	108	94352	5.366	ng/u1	93
39) 1,2,4,5-Tetrachloroben...	12.651	216	138264m	8.066	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.257	216	672772	35.172	ng/uL	99
76) Pentachlorobenzene	14.775	250	78464	4.176	ng/uL	98

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

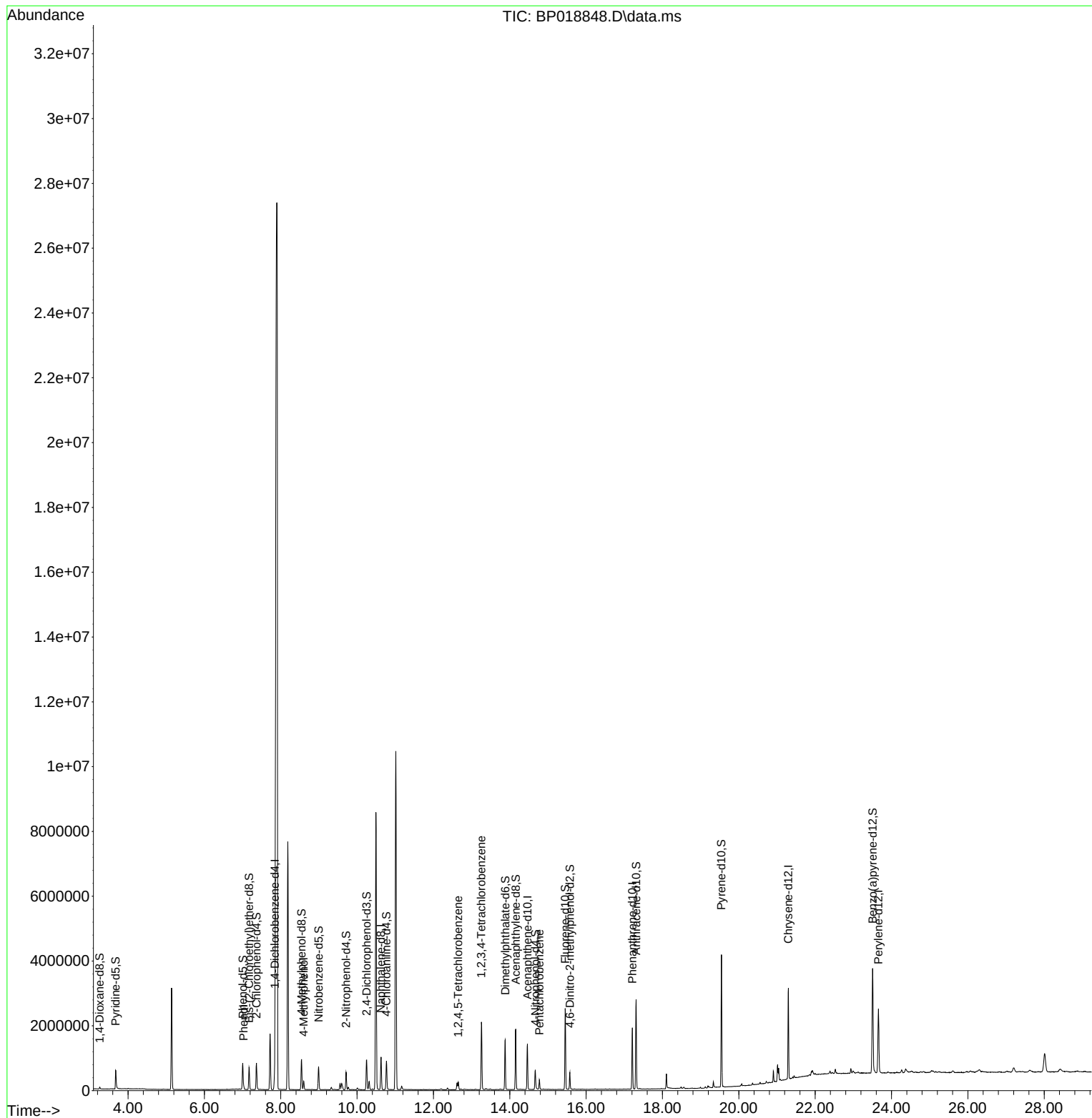
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018848.D
Acq On : 14 Dec 2023 18:09
Operator : MA/JU
Sample : 05646-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

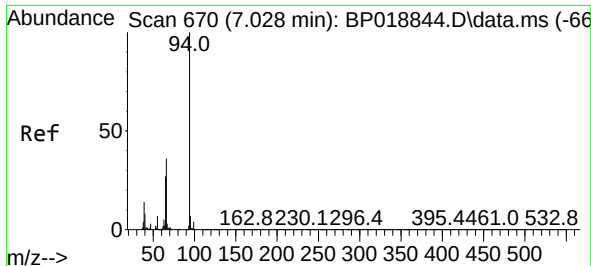
Instrument :
BNA_P
ClientSampleId :
C0AT9

Manual Integrations
APPROVED

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

Quant Time: Dec 14 22:35:15 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





#8

Phenol

Concen: 2.222 ng/ul

RT: 7.028 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP018848.D

Acq: 14 Dec 2023 18:09

Instrument :

BNA_P

ClientSampleId :

C0AT9

Tgt Ion: 94 Resp: 4673

Ion Ratio Lower Upper

94 100

65 27.9 21.0 31.6

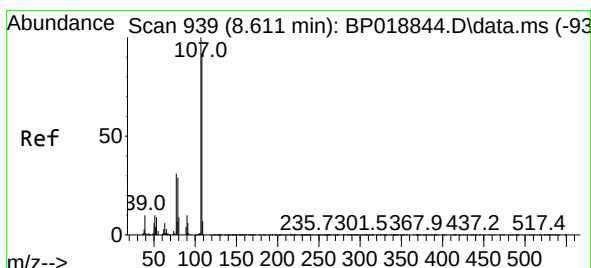
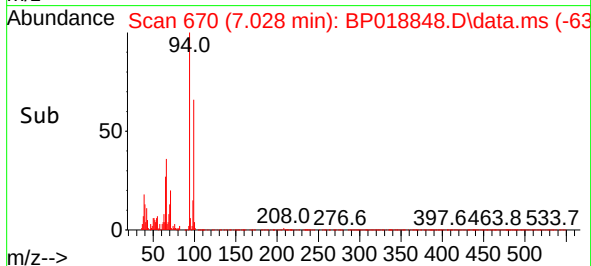
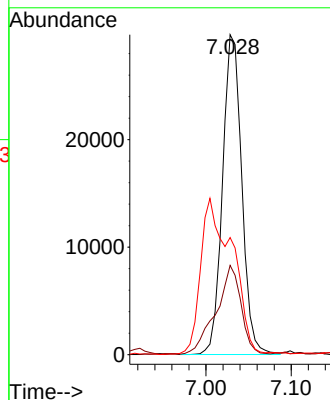
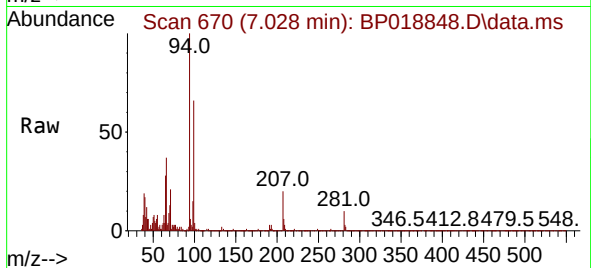
66 36.6 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#18

4-Methylphenol

Concen: 5.366 ng/ul

RT: 8.599 min Scan# 937

Delta R.T. -0.012 min

Lab File: BP018848.D

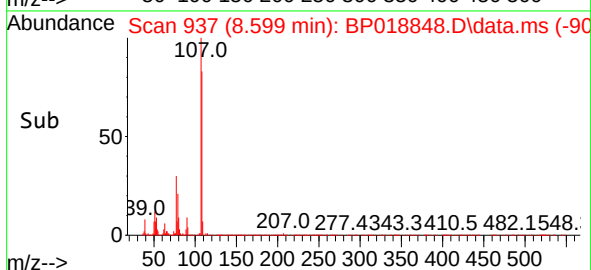
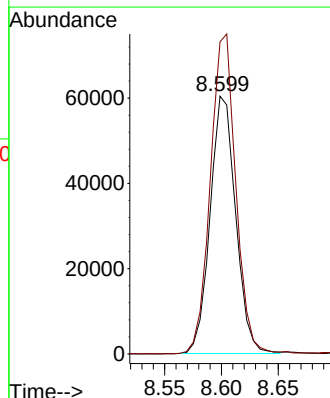
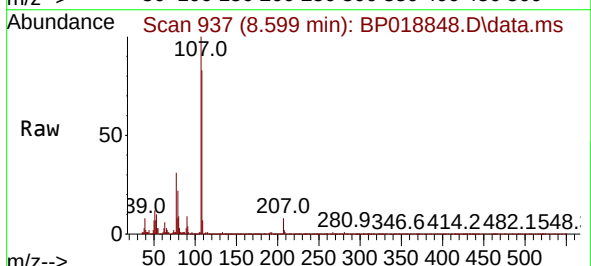
Acq: 14 Dec 2023 18:09

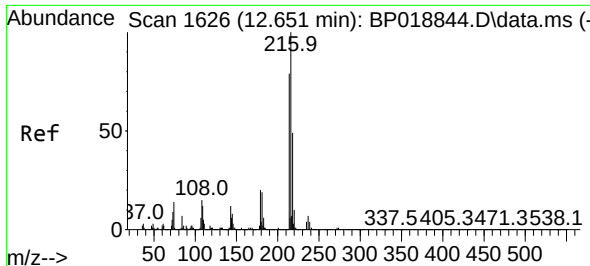
Tgt Ion:108 Resp: 94352

Ion Ratio Lower Upper

108 100

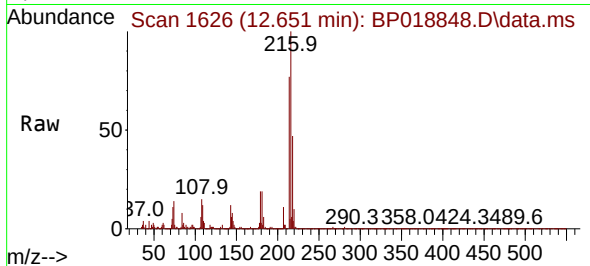
107 121.1 90.6 136.0





#39
1,2,4,5-Tetrachlorobenzene
Concen: 8.066 ng/ul m
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP018848.D
Acq: 14 Dec 2023 18:09

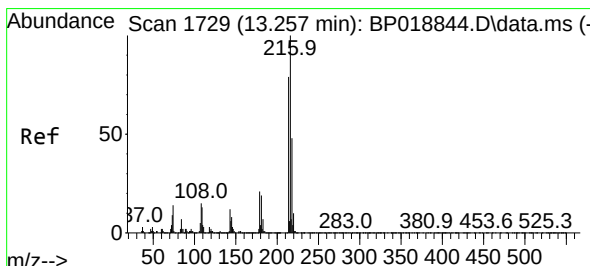
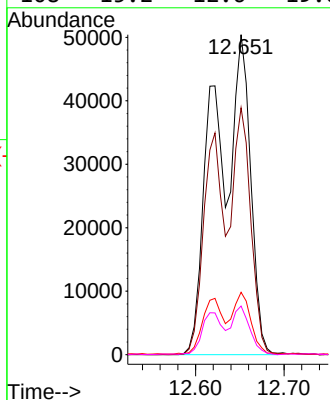
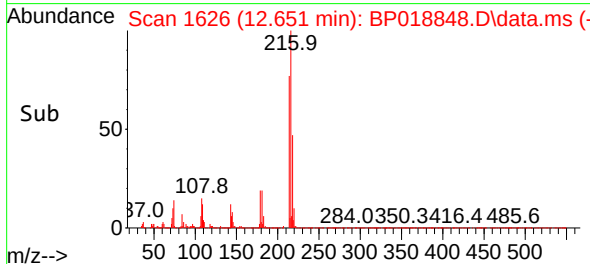
Instrument :
BNA_P
ClientSampleId :
C0AT9



Tgt Ion:216 Resp: 138264
Ion Ratio Lower Upper
216 100
214 77.2 63.9 95.9
179 19.5 16.3 24.5
108 15.2 12.6 19.0

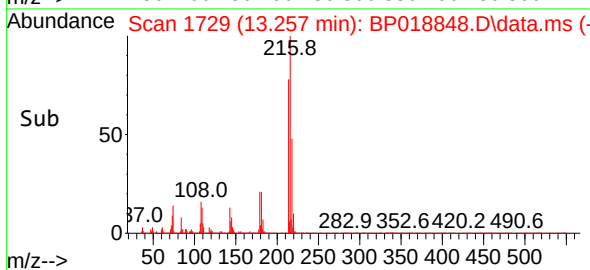
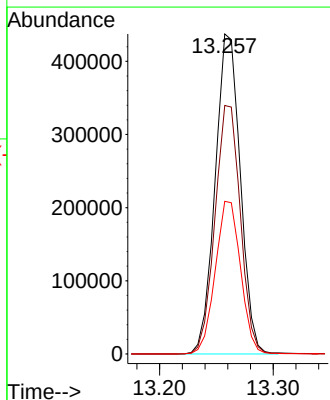
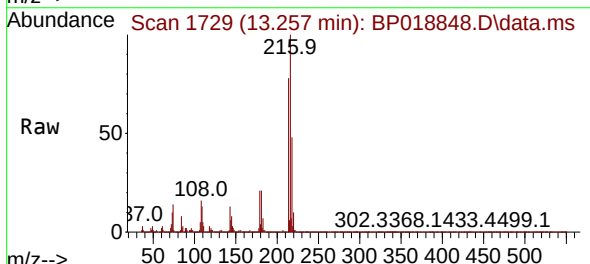
Manual Integrations
APPROVED

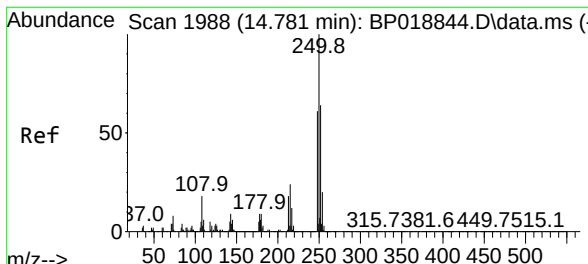
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.172 ng/uL
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP018848.D
Acq: 14 Dec 2023 18:09

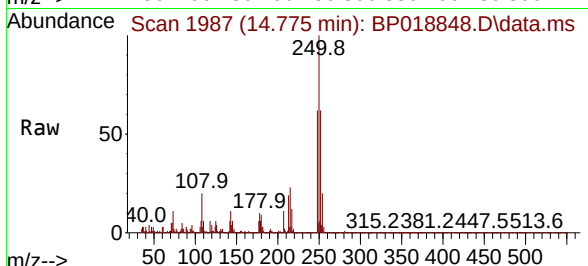
Tgt Ion:216 Resp: 672772
Ion Ratio Lower Upper
216 100
214 77.7 61.4 92.2
218 47.7 39.2 58.8





#76
 Pentachlorobenzene
 Concen: 4.176 ng/uL
 RT: 14.775 min Scan# 1987
 Delta R.T. -0.006 min
 Lab File: BP018848.D
 Acq: 14 Dec 2023 18:09

Instrument :
 BNA_P
 ClientSampleId :
 C0AT9



Tgt Ion:	250	Resp:	7846
Ion Ratio	Lower	Upper	
250	100		
248	62.2	50.6	75.8
252	61.6	51.3	76.9

Manual Integrations
 APPROVED

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

