

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018859.D
 Acq On : 15 Dec 2023 00:21
 Operator : MA/JU
 Sample : 05752-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT2

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 02:49:30 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	150808m	20.000	ng/u1	0.02
20) Naphthalene-d8	10.716	136	634650m	20.000	ng/u1	0.09
38) Acenaphthene-d10	14.463	164	520514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1142712	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1287052	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1309335	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17658	3.990	ng/uL	0.00
4) Pyridine-d5	3.693	84	39323	3.317	ng/u1	0.02
7) Phenol-d5	7.010	99	276731	18.285	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	199401	22.230	ng/u1	0.01
11) 2-Chlorophenol-d4	7.369	132	256279	21.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	171303	13.986	ng/u1	0.00
21) Nitrobenzene-d5	8.998	128	97236	17.214	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	123028	21.008	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.275	165	247443	20.664	ng/u1	0.02
31) 4-Chloroaniline-d4	10.804	131	117589	7.514	ng/u1	0.04
46) Dimethylphthalate-d6	13.881	166	655390	14.108	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	766512	14.984	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	63944	8.385	ng/u1	0.00
60) Fluorene-d10	15.451	176	611681	15.686	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	51381	7.499	ng/u1	0.00
73) Anthracene-d10	17.310	188	922662	15.359	ng/u1	0.00
81) Pyrene-d10	19.545	212	1207073	12.048	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.498	264	1161194	15.210	ng/u1	-0.02
Target Compounds						
6) Benzaldehyde	6.987	77	33115	4.238	ng/u1	99
8) Phenol	7.040	94	39835	2.684	ng/u1	97
16) Acetophenone	8.669	105	123821	6.784	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	9295915m	492.238	ng/u1	
69) Hexachlorobenzene	16.510	284	83267	5.170	ng/u1	95
75) 1,2,3,4-Tetrachloroben...	13.298	216	18770704	950.004	ng/uL	97
76) Pentachlorobenzene	14.786	250	3548844	182.848	ng/uL	99

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

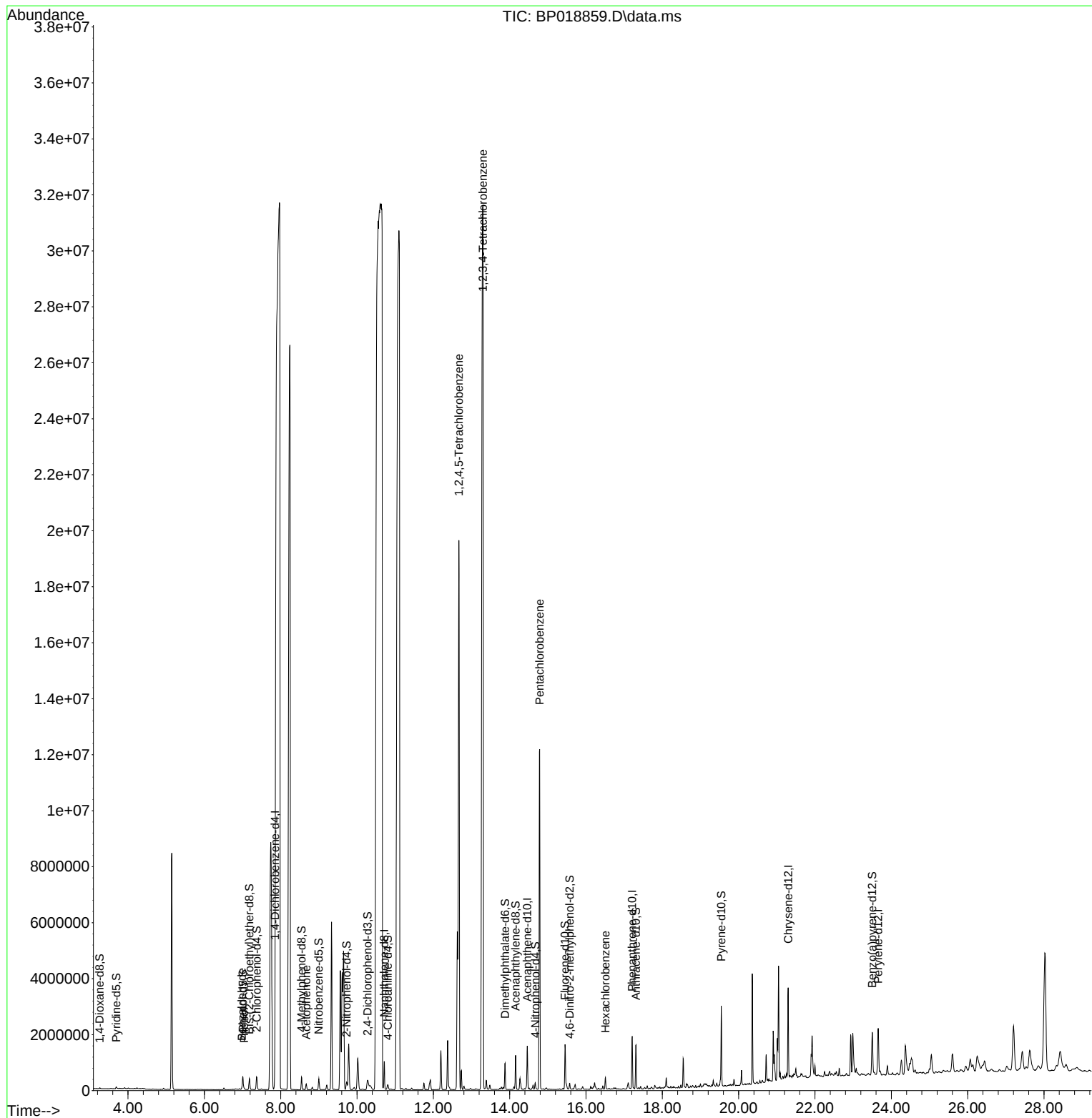
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018859.D
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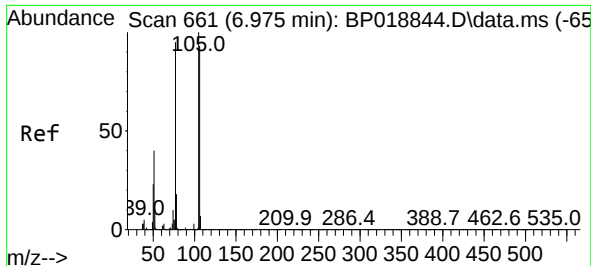
Instrument :
BNA_P
ClientSampleId :
COAT2

Quant Time: Dec 15 02:49:30 2023
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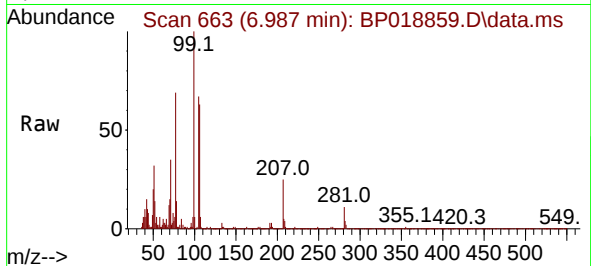
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023





#6
Benzaldehyde
Concen: 4.238 ng/ul
RT: 6.987 min Scan# 611
Delta R.T. 0.012 min
Lab File: BP018859.D
Acq: 15 Dec 2023 00:21

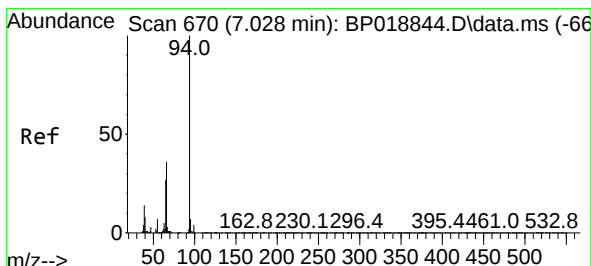
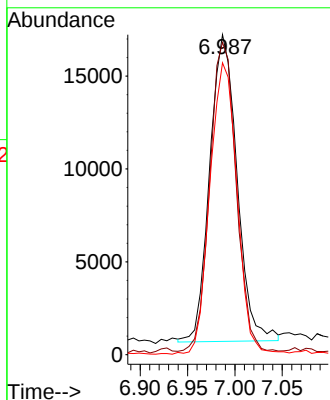
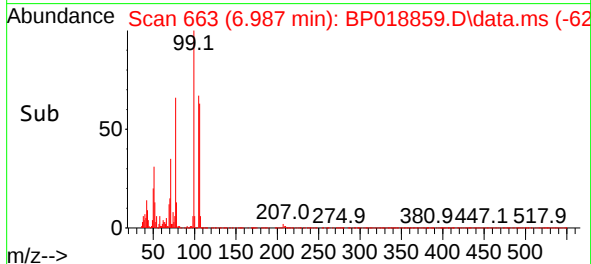
Instrument :
BNA_P
ClientSampleId :
C0AT2



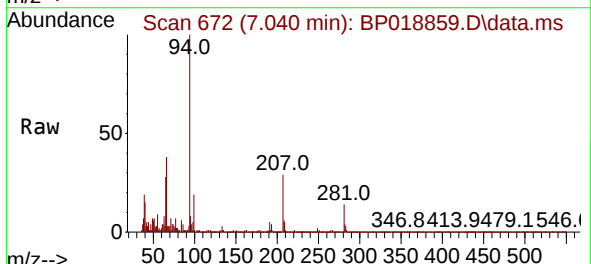
Tgt Ion: 77 Resp: 3311
Ion Ratio Lower Upper
77 100
105 97.6 77.9 116.9
106 91.2 74.6 111.8

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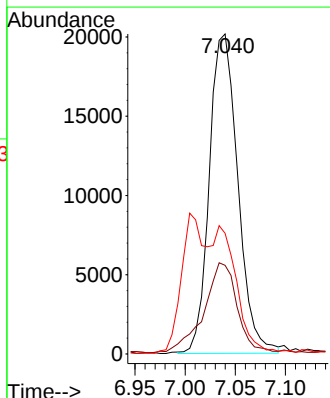
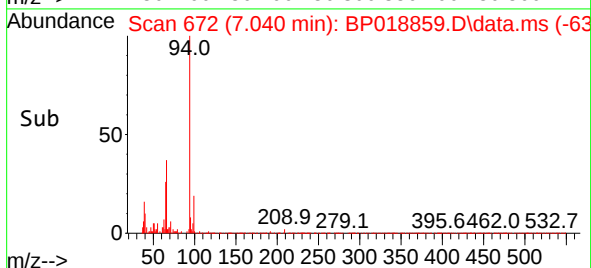
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

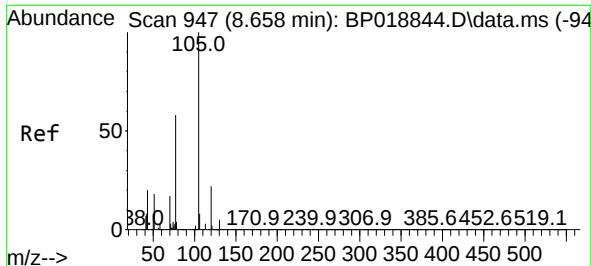


#8
Phenol
Concen: 2.684 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.012 min
Lab File: BP018859.D
Acq: 15 Dec 2023 00:21



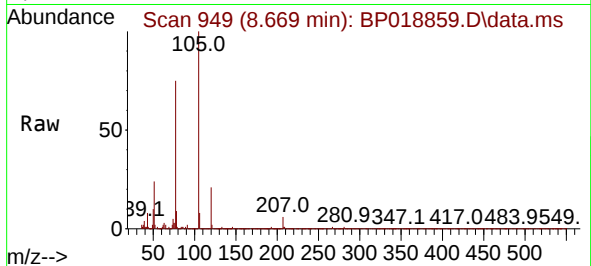
Tgt Ion: 94 Resp: 39835
Ion Ratio Lower Upper
94 100
65 27.7 21.0 31.6
66 37.7 28.6 43.0





#16
Acetophenone
Concen: 6.784 ng/ul
RT: 8.669 min Scan# 947
Delta R.T. 0.012 min
Lab File: BP018859.D
Acq: 15 Dec 2023 00:21

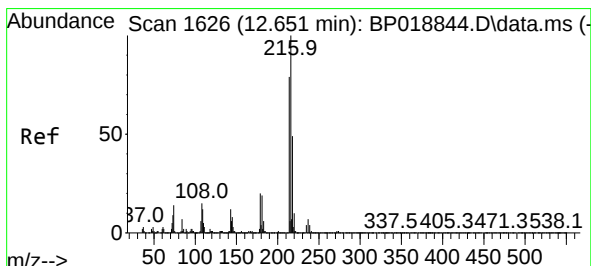
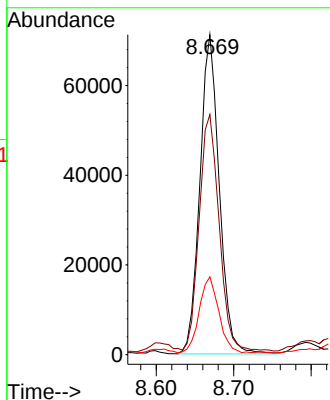
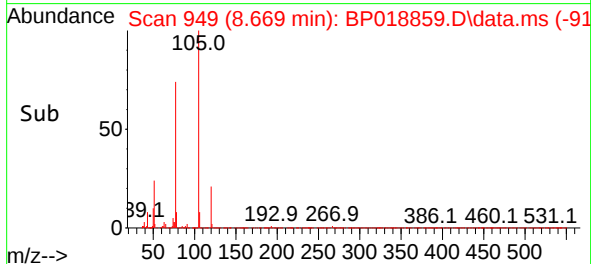
Instrument :
BNA_P
ClientSampleId :
C0AT2



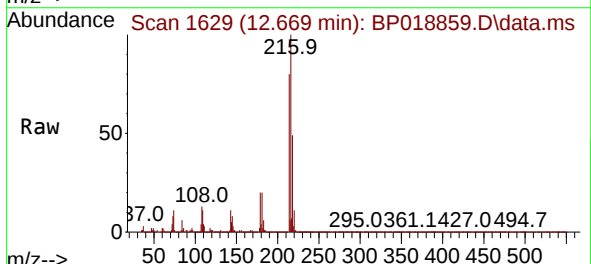
Tgt Ion:105 Resp: 12382
Ion Ratio Lower Upper
105 100
77 75.1 59.4 89.0
51 24.3 19.4 29.0

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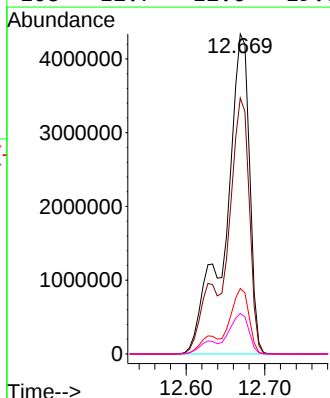
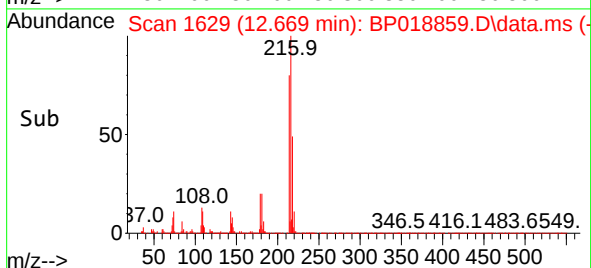
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

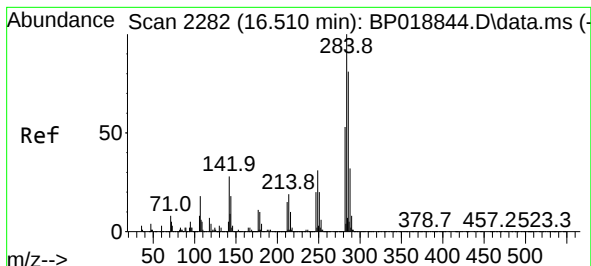


#39
1,2,4,5-Tetrachlorobenzene
Concen: 492.238 ng/ul m
RT: 12.669 min Scan# 1629
Delta R.T. 0.012 min
Lab File: BP018859.D
Acq: 15 Dec 2023 00:21



Tgt Ion:216 Resp: 9295915
Ion Ratio Lower Upper
216 100
214 80.0 63.9 95.9
179 20.5 16.3 24.5
108 12.7 12.6 19.0





#69

Hexachlorobenzene

Concen: 5.170 ng/uI

RT: 16.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018859.D

Acq: 15 Dec 2023 00:21

Instrument :

BNA_P

ClientSampleId :

C0AT2

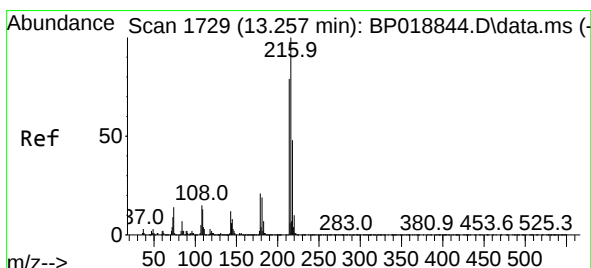
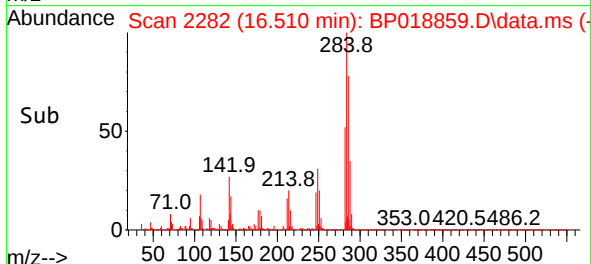
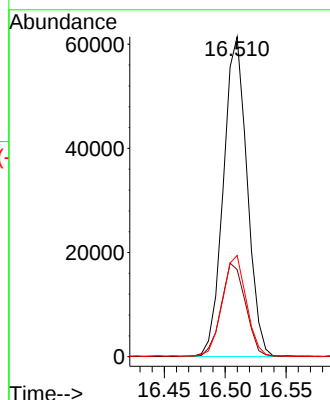
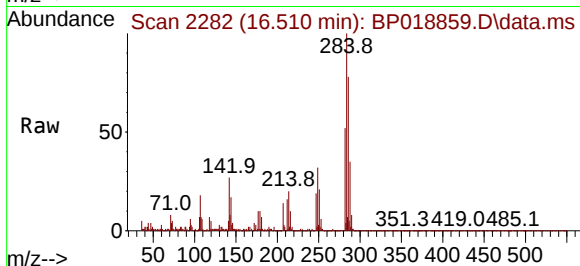
Tgt Ion:284	Resp:	8326
Ion Ratio	Lower	Upper
284	100	
142	27.2	25.8 38.6
249	31.7	24.9 37.3

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#75

1,2,3,4-Tetrachlorobenzene

Concen: 950.004 ng/uL

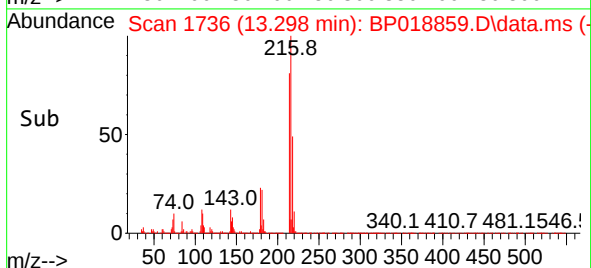
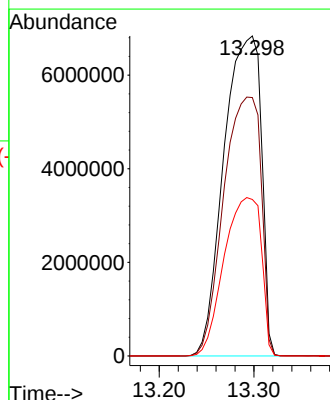
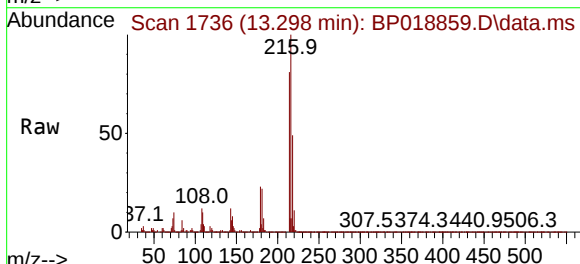
RT: 13.298 min Scan# 1736

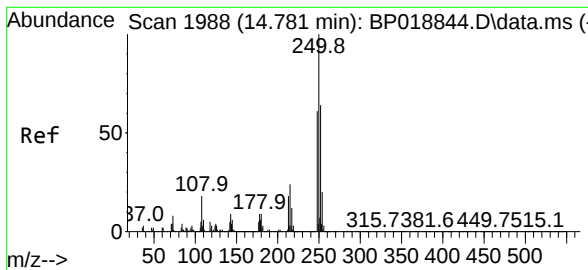
Delta R.T. 0.035 min

Lab File: BP018859.D

Acq: 15 Dec 2023 00:21

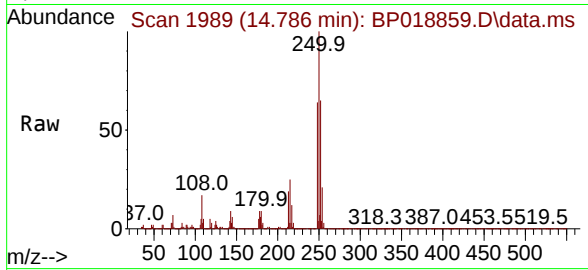
Tgt Ion:216	Resp:18770704
Ion Ratio	Lower Upper
216	100
214	80.8 61.4 92.2
218	48.9 39.2 58.8





#76
 Pentachlorobenzene
 Concen: 182.848 ng/uL
 RT: 14.786 min Scan# 1988
 Delta R.T. 0.006 min
 Lab File: BP018859.D
 Acq: 15 Dec 2023 00:21

Instrument :
 BNA_P
 ClientSampleId :
 C0AT2



Tgt Ion:250 Resp: 3548844
 Ion Ratio Lower Upper
 250 100
 248 64.0 50.6 75.8
 252 64.5 51.3 76.9

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