

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
 Data File : BM034759.D
 Acq On : 21 Apr 2022 22:53
 Operator : CG/JU
 Sample : N2488-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0HZ6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 01:52:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 05:03:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	194375	20.000	ng/u1	0.01
20) Naphthalene-d8	10.769	136	732458	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.574	164	443516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	880024	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	856791	20.000	ng/u1	-0.01
88) Perylene-d12	23.886	264	902980	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	20895m	4.723	ng/uL	0.00
4) Pyridine-d5	3.799	84	71945	6.552	ng/u1	0.00
7) Phenol-d5	7.104	99	89273	6.081	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	270830	32.895	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	301067	24.230	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	182372	15.526	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	182373	34.085	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	189229	34.063	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	316903	27.081	ng/u1	0.00
31) 4-Chloroaniline-d4	10.886	131	264988	16.747	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	1085207	33.611	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1293994	31.163	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	32414m	5.980	ng/u1	0.00
60) Fluorene-d10	15.563	176	954925	34.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	145388	28.796	ng/u1	0.00
73) Anthracene-d10	17.415	188	1457961	34.023	ng/u1	0.00
81) Pyrene-d10	19.704	212	1626134	34.872	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1631828	35.731	ng/u1	0.00
Target Compounds						
22) Nitrobenzene	9.151	77	1309070	108.371	ng/u1	98
25) 2-Nitrophenol	9.863	139	6106	1.001	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	591542m	41.887	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.380	216	1834595	123.817	ng/uL	99
76) Pentachlorobenzene	14.898	250	44749	3.276	ng/uL	98

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

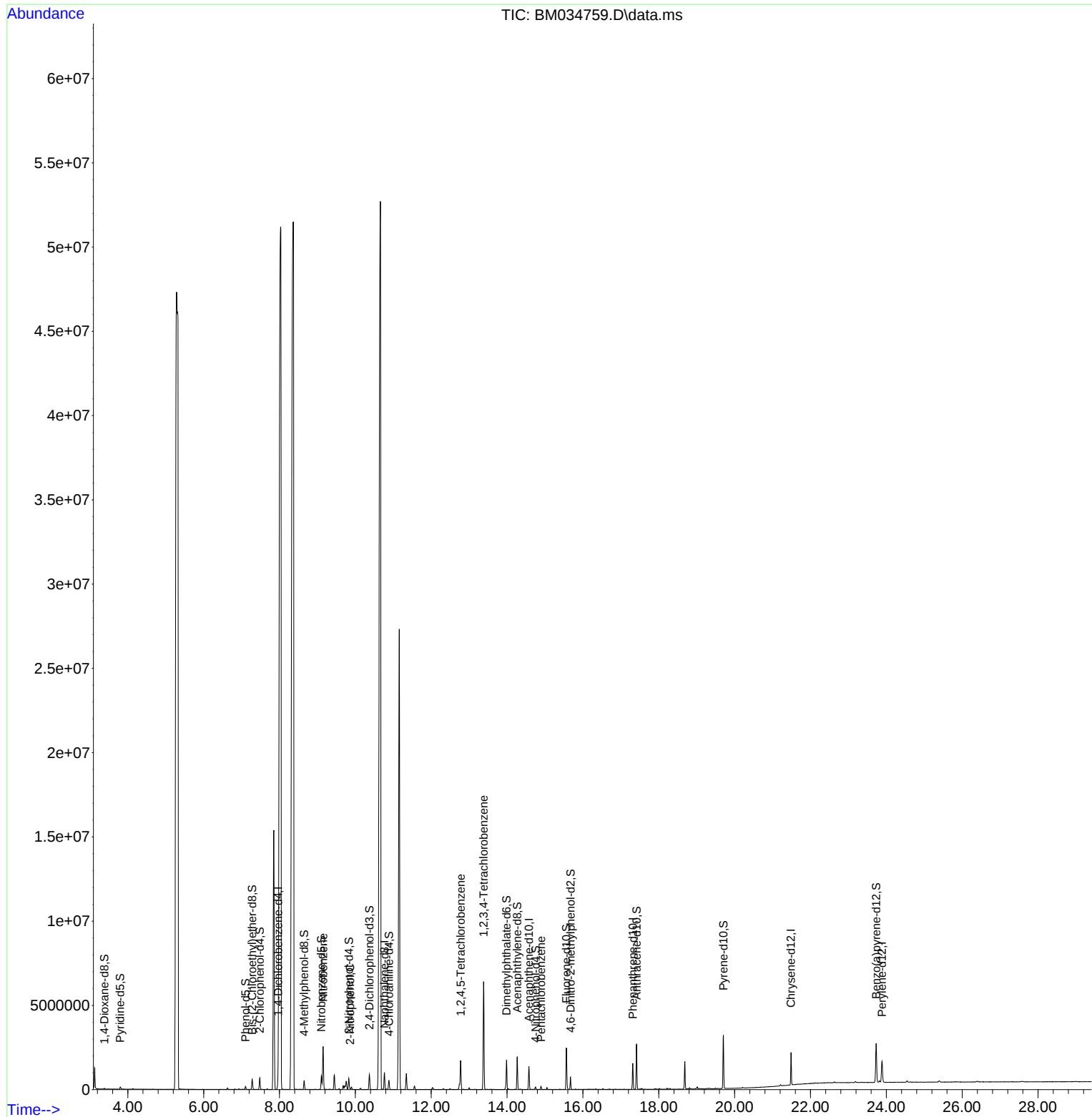
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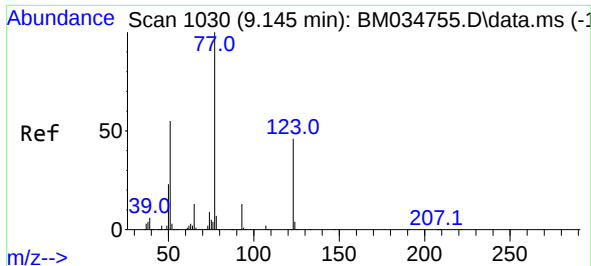
Instrument :
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#22

Nitrobenzene

Concen: 108.371 ng/uI

RT: 9.151 min Scan# 1031

Delta R.T. 0.006 min

Lab File: BM034759.D

Acq: 21 Apr 2022 22:53

Instrument :

BNA_M

ClientSampleId :

COHZ6

Tgt Ion: 77 Resp: 1309070

Ion Ratio Lower Upper

77 100

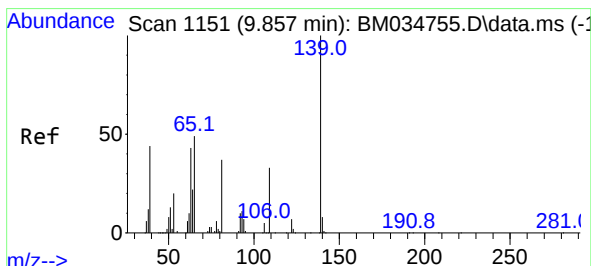
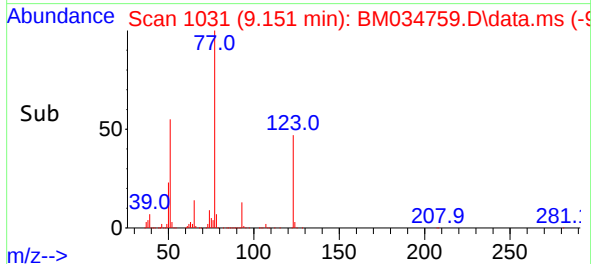
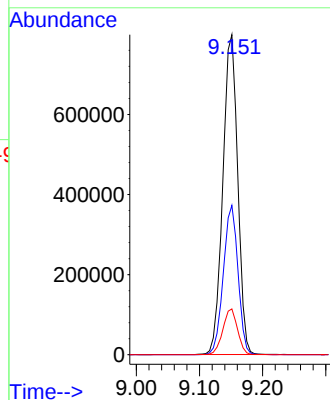
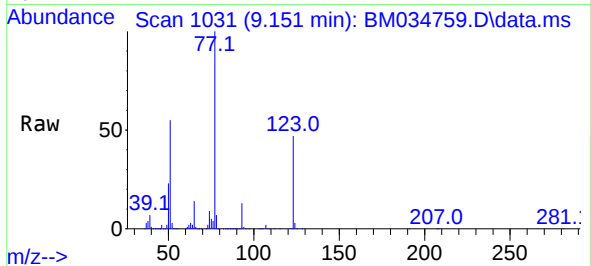
123 46.7 36.1 54.1

65 14.3 11.0 16.6

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#25

2-Nitrophenol

Concen: 1.001 ng/uI

RT: 9.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BM034759.D

Acq: 21 Apr 2022 22:53

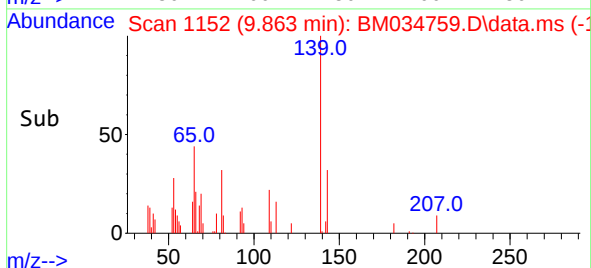
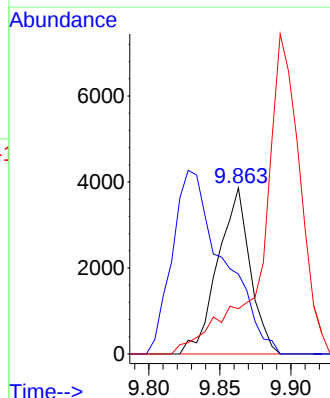
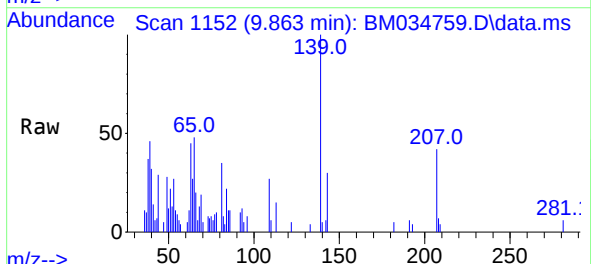
Tgt Ion:139 Resp: 6106

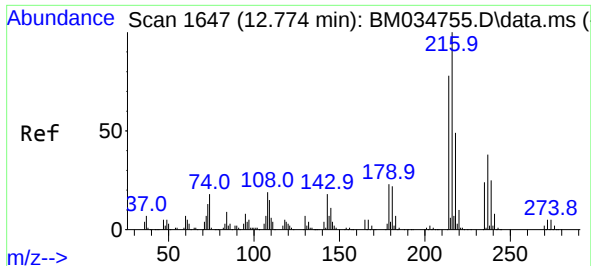
Ion Ratio Lower Upper

139 100

65 48.1 38.9 58.3

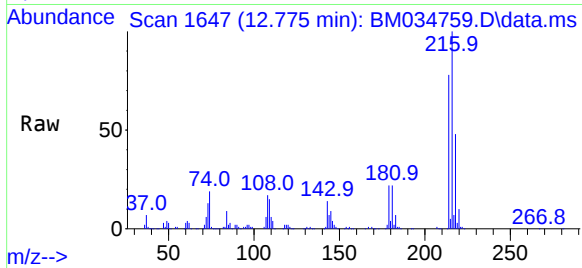
109 27.3 24.1 36.1





#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.887 ng/ul m
RT: 12.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034759.D
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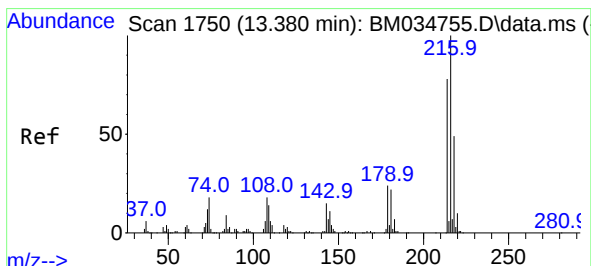
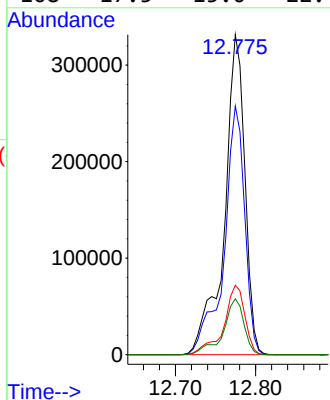
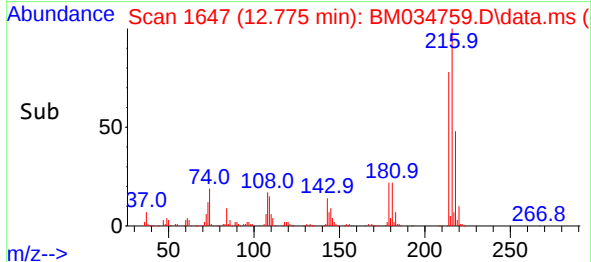
Instrument :
BNA_M
ClientSampleId :
C0HZ6



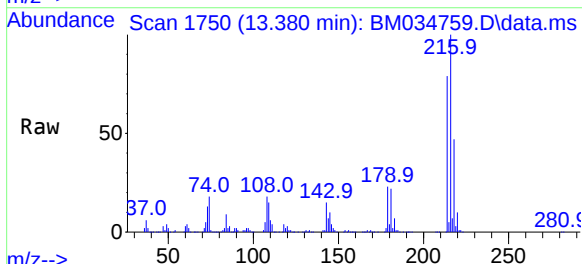
Tgt Ion:216 Resp: 59154
Ion Ratio Lower Upper
216 100
214 77.7 64.5 96.7
179 21.7 17.9 26.9
108 17.5 15.0 22.4

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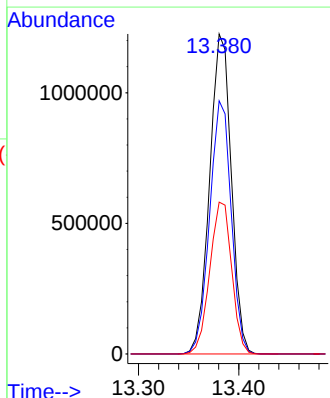
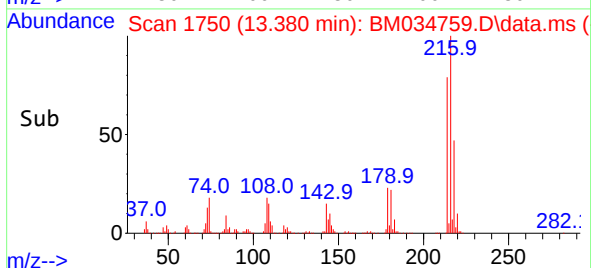
Reviewed By :Jagrut Upadhyay 04/22/2022
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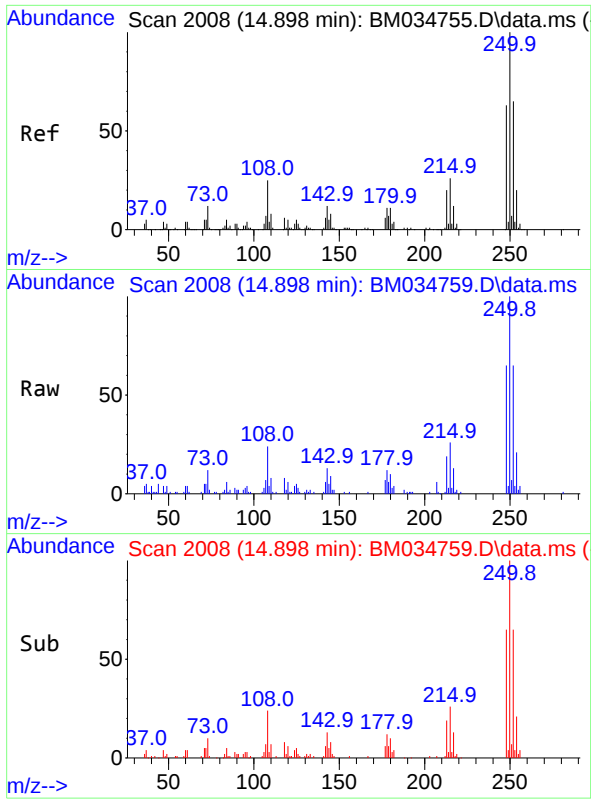


#75
1,2,3,4-Tetrachlorobenzene
Concen: 123.817 ng/uL
RT: 13.380 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM034759.D
Acq: 21 Apr 2022 22:53



Tgt Ion:216 Resp: 1834595
Ion Ratio Lower Upper
216 100
214 79.1 62.6 94.0
218 47.5 37.1 55.7





#76
 Pentachlorobenzene
 Concen: 3.276 ng/uL
 RT: 14.898 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BM034759.D
 Acq: 21 Apr 2022 22:53

Instrument :
 BNA_M
 ClientSampleId :
 C0HZ6

Tgt Ion:250 Resp: 44749
 Ion Ratio Lower Upper
 250 100
 248 64.6 49.9 74.9
 252 64.7 51.5 77.3

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