

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024637.D
 Acq On : 30 Mar 2023 11:40
 Operator : CG/JU
 Sample : 02085-05DL 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMB4DL

Quant Time: Mar 30 13:51:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 06:03:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	337897m	20.000	ng/u1	0.02
20) Naphthalene-d8	10.822	136	1636352	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	1002806	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	2172132	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1984136	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	2181874	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	19733	2.264	ng/uL	0.00
4) Pyridine-d5	3.811	84	81509	3.239	ng/u1	0.02
7) Phenol-d5	7.152	99	93267	2.917	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	352545	17.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	285616	12.048	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	182113	7.121	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	193823	14.967	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	192303	13.719	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	320882	12.604	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	406325	10.460	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1211276	15.707	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1353008	15.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	29366	1.819	ng/u1	-0.01
60) Fluorene-d10	15.628	176	1056923	15.974	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	154295	10.785	ng/u1	0.00
73) Anthracene-d10	17.480	188	1657941	16.228	ng/u1	0.00
81) Pyrene-d10	19.769	212	2014541	17.560	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	1860059	16.825	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.181	94	36748	1.107	ng/u1	96
22) Nitrobenzene	9.210	77	1299102	38.620	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.834	216	653342	21.979	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.440	216	1564167	50.368	ng/uL	99
76) Pentachlorobenzene	14.951	250	48830	1.619	ng/uL	98

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

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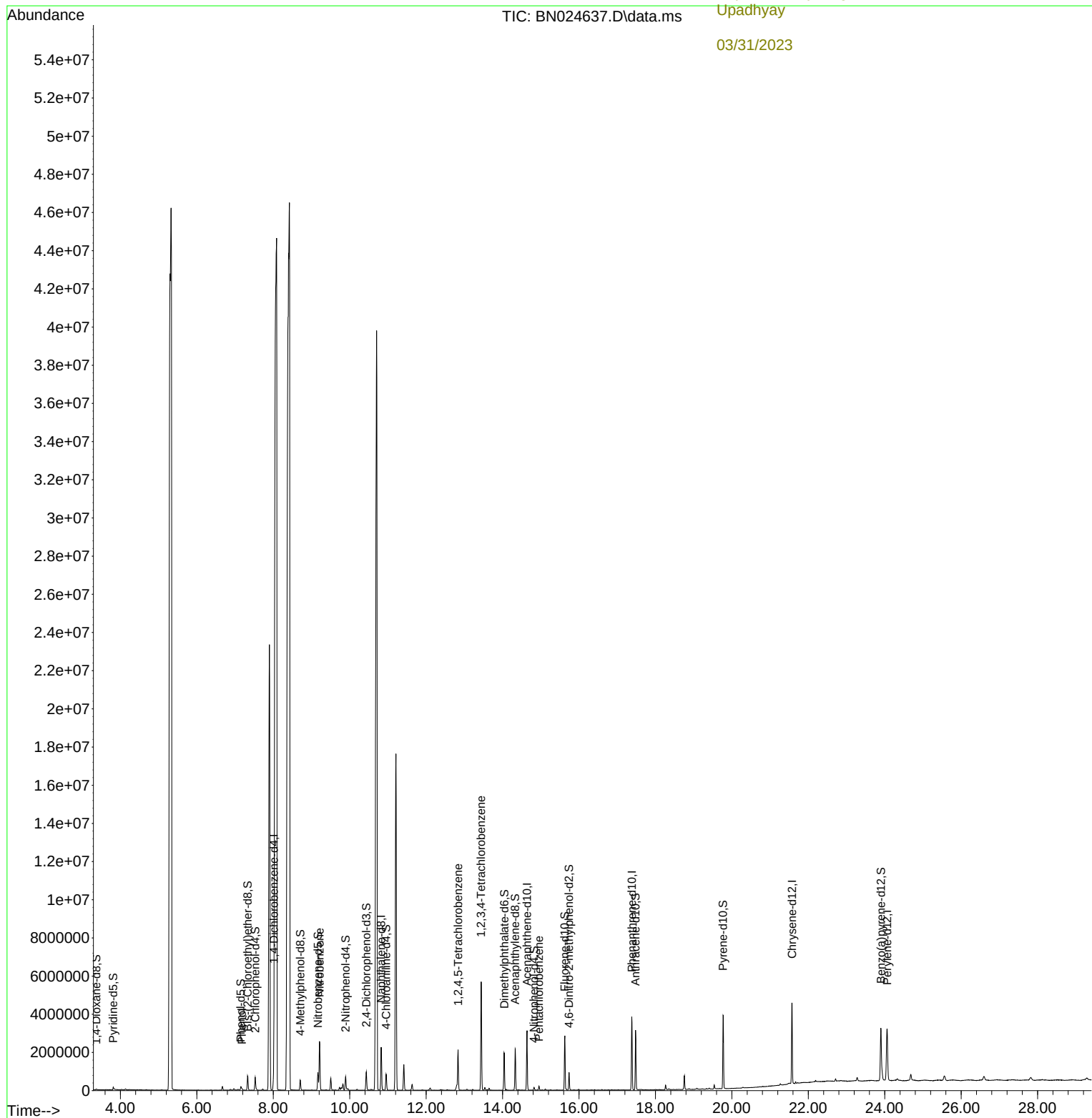
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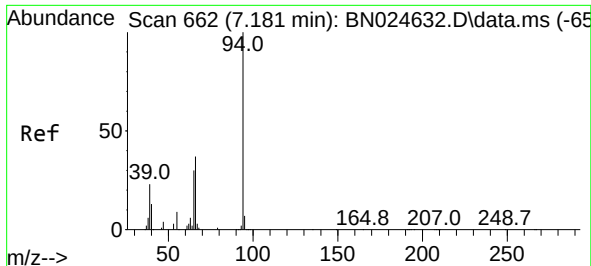
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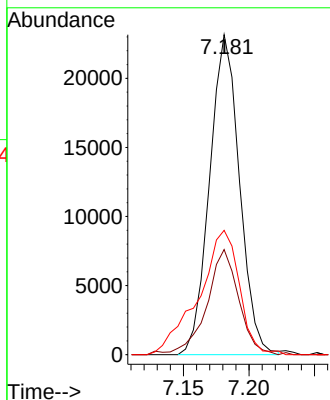
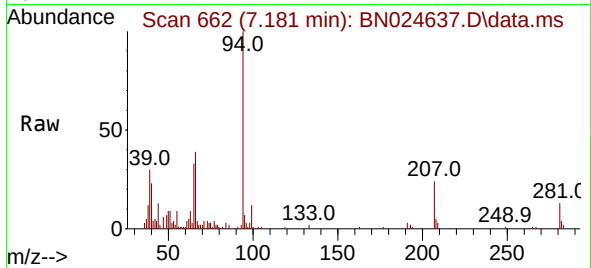
#8
Phenol
Concen: 1.107 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN024637.D
Acq: 30 Mar 2023 11:40

Instrument :
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ClientSampleId :
COMB4DL

Tgt Ion: 94 Resp: 36748
Ion Ratio Lower Upper
94 100
65 32.9 23.7 35.5
66 38.8 29.9 44.9

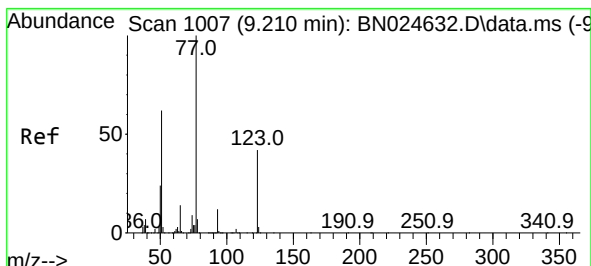
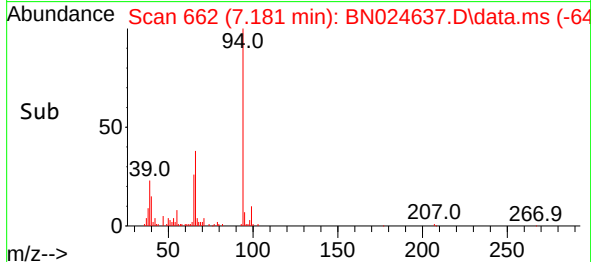
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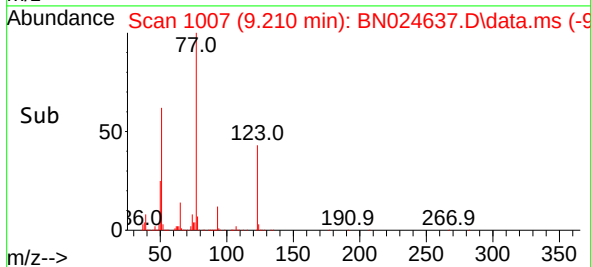
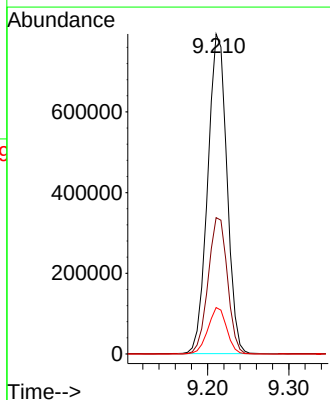
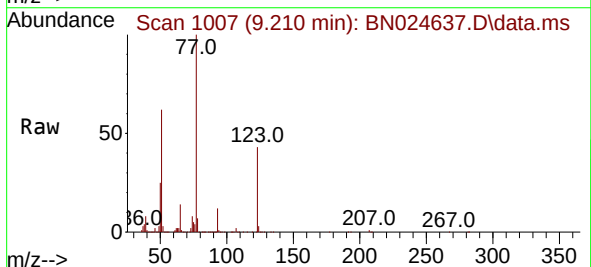
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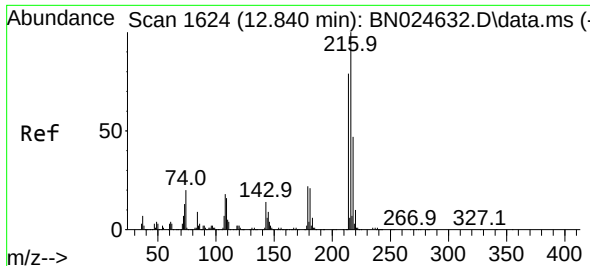
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#22
Nitrobenzene
Concen: 38.620 ng/ul
RT: 9.210 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BN024637.D
Acq: 30 Mar 2023 11:40

Tgt Ion: 77 Resp: 1299102
Ion Ratio Lower Upper
77 100
123 42.6 34.3 51.5
65 14.5 10.8 16.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.979 ng/ul

RT: 12.834 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN024637.D

Acq: 30 Mar 2023 11:40

Instrument :

BNA_N

ClientSampleId :

COMB4DL

Tgt Ion:216 Resp: 65334

Ion Ratio Lower Upper

216 100

214 77.3 61.0 91.4

179 21.9 15.7 23.5

108 19.4 14.0 21.0

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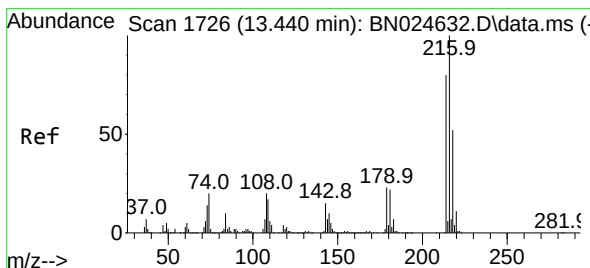
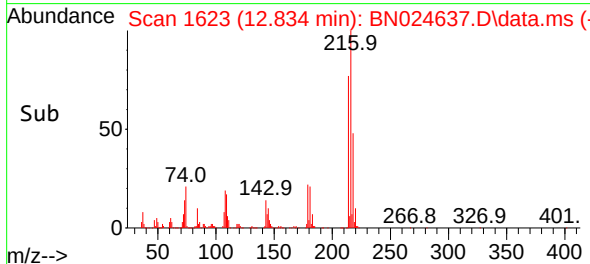
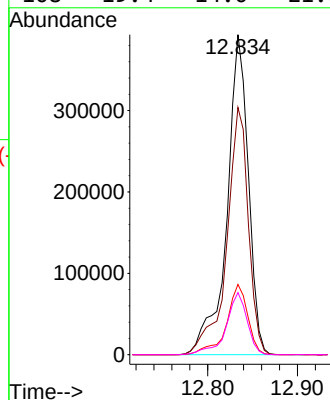
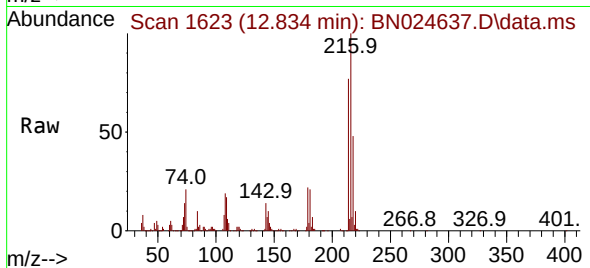
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#75

1,2,3,4-Tetrachlorobenzene

Concen: 50.368 ng/uL

RT: 13.440 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN024637.D

Acq: 30 Mar 2023 11:40

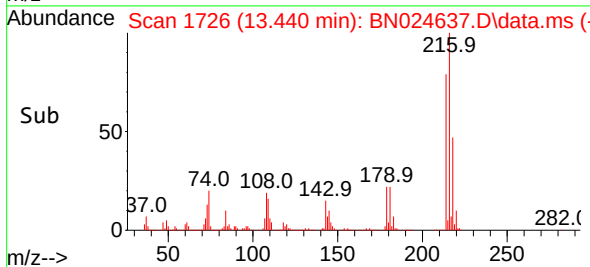
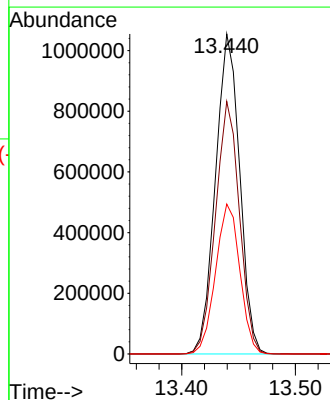
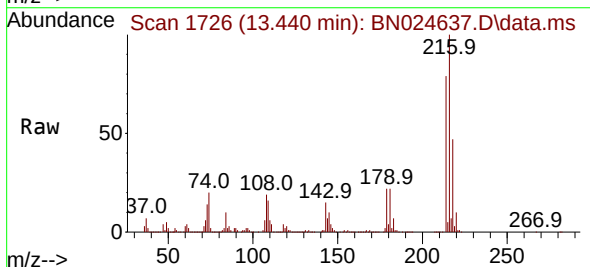
Tgt Ion:216 Resp: 1564167

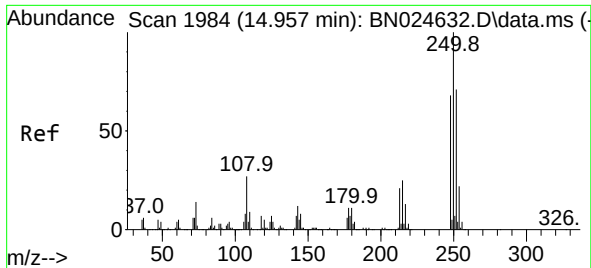
Ion Ratio Lower Upper

216 100

214 78.9 62.7 94.1

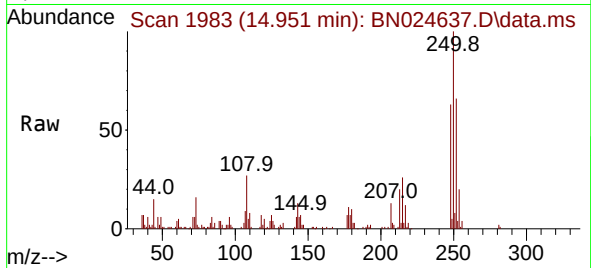
218 46.9 38.0 57.0





#76
 Pentachlorobenzene
 Concen: 1.619 ng/uL
 RT: 14.951 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: BN024637.D
 Acq: 30 Mar 2023 11:40

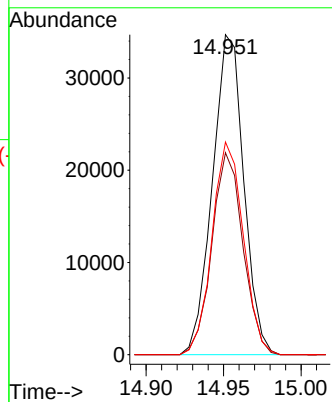
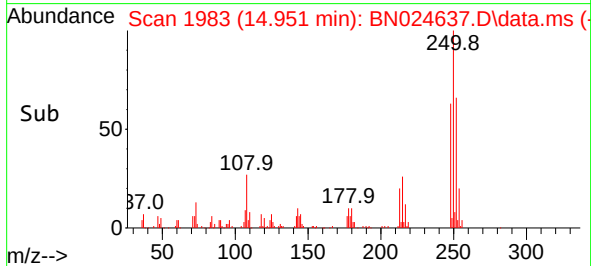
Instrument :
 BNA_N
 ClientSampleId :
 COMB4DL



Tgt Ion:250 Resp: 48830
 Ion Ratio Lower Upper
 250 100
 248 63.1 50.5 75.7
 252 66.5 50.9 76.3

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