

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031104.D
 Acq On : 21 Apr 2024 11:51
 Operator : MA/JU
 Sample : P2159-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 21 14:40:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	172843	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	785842	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	544389	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1247759	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1490310	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1816716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	11740	3.173	ng/uL	0.00
4) Pyridine-d5	3.564	84	41139	3.861	ng/u1	0.01
7) Phenol-d5	6.811	99	66780	4.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	233420	27.516	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	233397	20.559	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	142096	11.588	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	159226	28.200	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	160499	27.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	280694	24.252	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	177888	9.835	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1146143	30.255	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1295209	30.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	36870	4.663	ng/u1	0.00
60) Fluorene-d10	15.275	176	1015512	30.794	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	163898	26.035	ng/u1	0.00
73) Anthracene-d10	17.128	188	1787689	33.055	ng/u1	0.00
81) Pyrene-d10	19.433	212	2338893	31.938	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2919831	33.892	ng/u1	0.00
Target Compounds						
					Qvalue	
22) Nitrobenzene	8.828	77	498594	37.415	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	280026m	19.658	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.069	216	670981	45.846	ng/uL	97
76) Pentachlorobenzene	14.593	250	24332	1.610	ng/uL	95

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

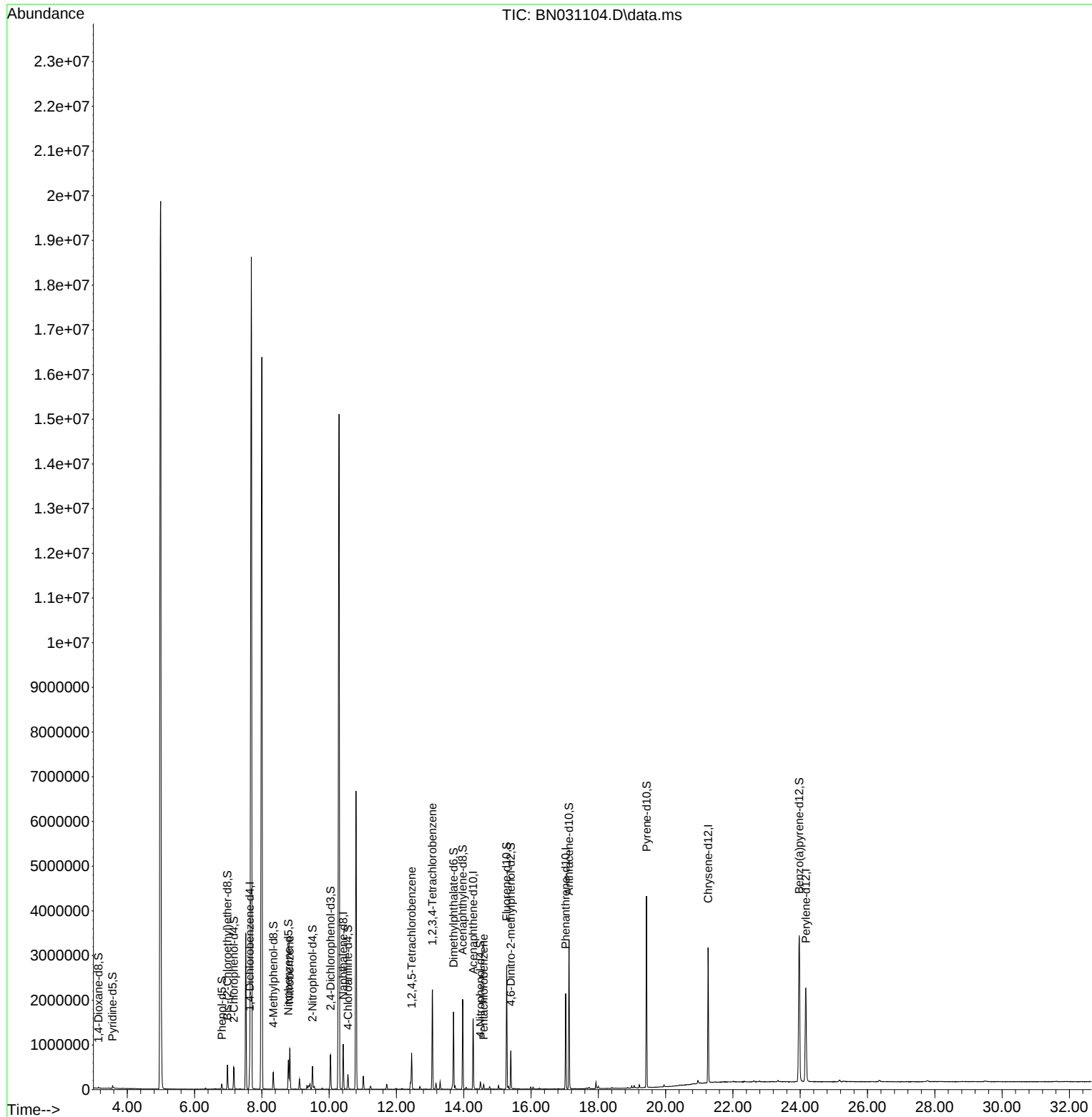
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
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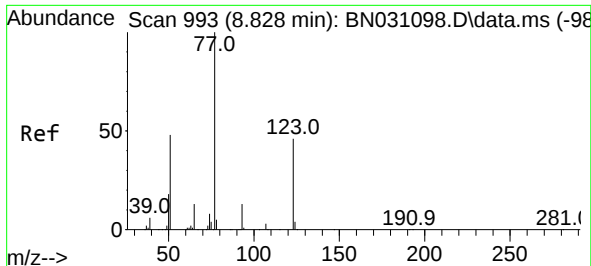
Instrument :
BNA_N
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C0RE2

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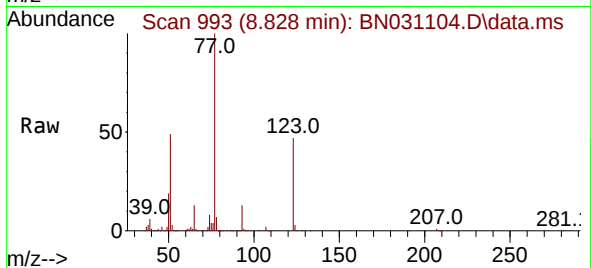
#22
Nitrobenzene
Concen: 37.415 ng/ul
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BN031104.D
Acq: 21 Apr 2024 11:51

Instrument :

BNA_N

ClientSampleId :

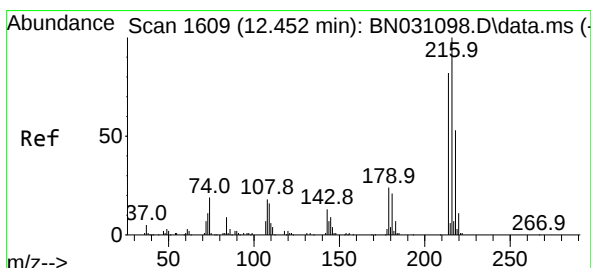
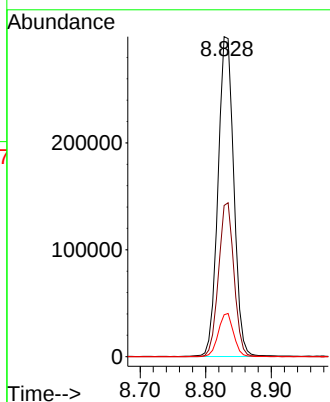
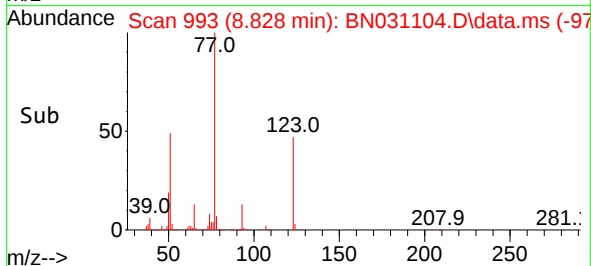
C0RE2



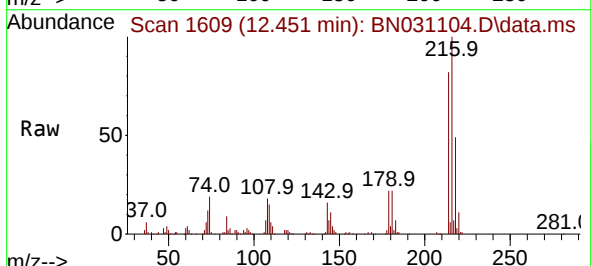
Tgt Ion: 77 Resp: 498594
Ion Ratio Lower Upper
77 100
123 47.2 38.2 57.2
65 13.1 10.7 16.1

Manual Integrations
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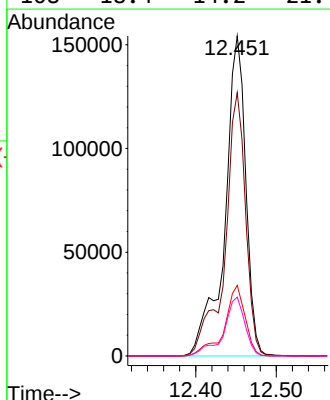
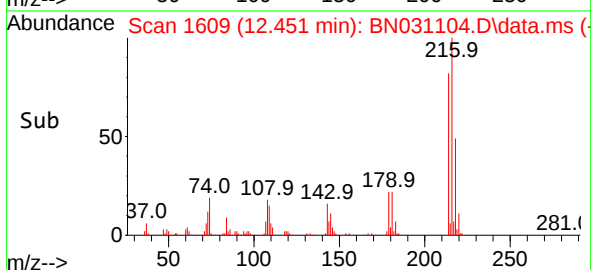
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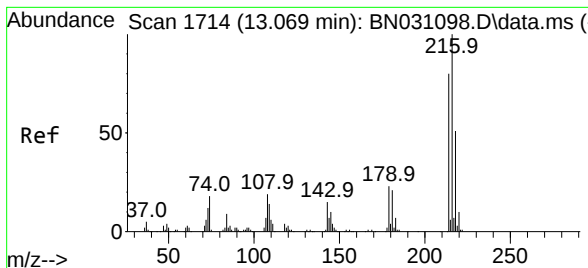


#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.658 ng/ul m
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BN031104.D
Acq: 21 Apr 2024 11:51



Tgt Ion:216 Resp: 280026
Ion Ratio Lower Upper
216 100
214 82.3 63.1 94.7
179 22.0 17.0 25.6
108 18.4 14.2 21.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 45.846 ng/uL

RT: 13.069 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BN031104.D

Acq: 21 Apr 2024 11:51

Instrument :

BNA_N

ClientSampleId :

C0RE2

Tgt Ion:216 Resp: 67098

Ion Ratio Lower Upper

216 100

214 75.0 63.0 94.6

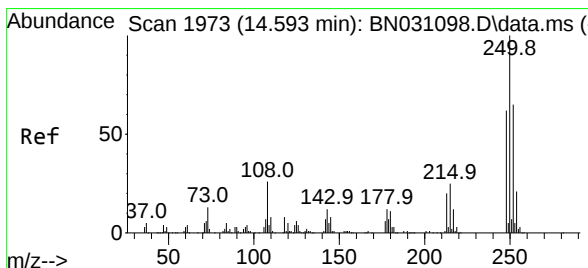
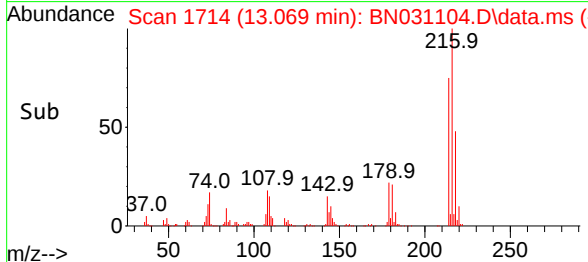
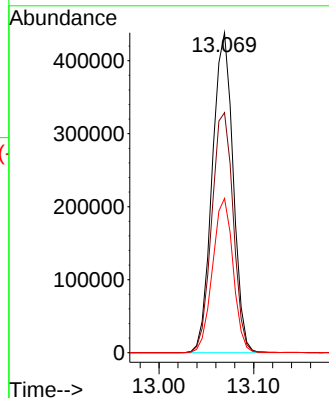
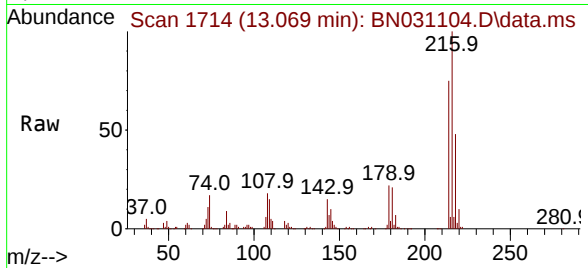
218 48.2 38.3 57.5

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#76

Pentachlorobenzene

Concen: 1.610 ng/uL

RT: 14.593 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BN031104.D

Acq: 21 Apr 2024 11:51

Tgt Ion:250 Resp: 24332

Ion Ratio Lower Upper

250 100

248 67.9 49.3 73.9

252 64.2 52.9 79.3

