

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
 Data File : BN030843.D
 Acq On : 11 Apr 2024 10:05
 Operator : MA/JU
 Sample : P2006-15DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MC0RH3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 11 23:35:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	128875	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	609656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	429498	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1018643	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1067694	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1112297	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	3395	1.235	ng/uL	0.00
4) Pyridine-d5	3.611	84	25050m	3.039	ng/u1	0.02
7) Phenol-d5	6.846	99	16450	1.578	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	58730	9.121	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	53378	6.749	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	34164	3.910	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	33647	7.956	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	31634	8.177	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	60627	7.158	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	68274	4.896	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	279756	9.756	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	300711	9.121	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.316	176	261376	10.416	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	17886	3.978	ng/u1	0.00
73) Anthracene-d10	17.163	188	475939	10.844	ng/u1	0.00
81) Pyrene-d10	19.469	212	601005	10.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	533865	10.416	ng/u1	-0.01
Target Compounds						
22) Nitrobenzene	8.875	77	459334	44.492	ng/u1	99
25) 2-Nitrophenol	9.581	139	4902	1.078	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	139072m	12.547	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.110	216	400387	31.994	ng/uL	96
76) Pentachlorobenzene	14.634	250	16314	1.283	ng/uL	93

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

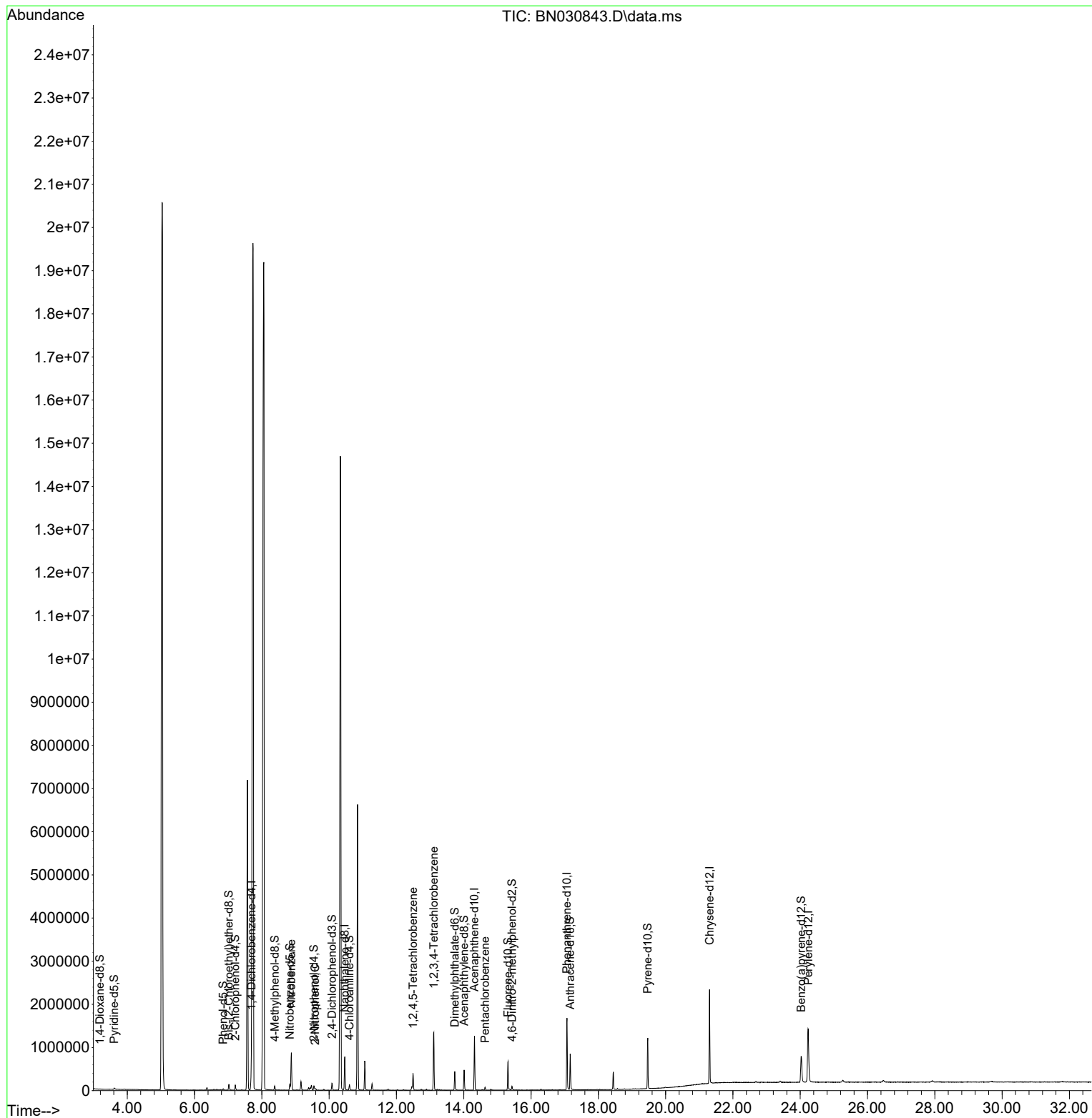
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
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ALS Vial : 37 Sample Multiplier: 1

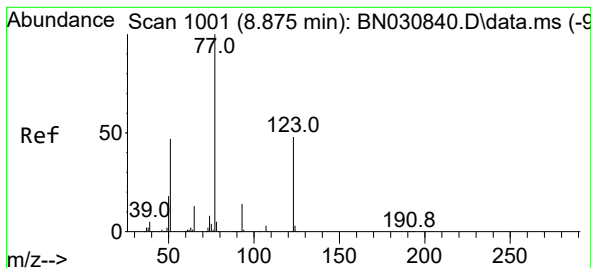
Instrument :
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ClientSampleId :
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Quant Time: Apr 11 23:35:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
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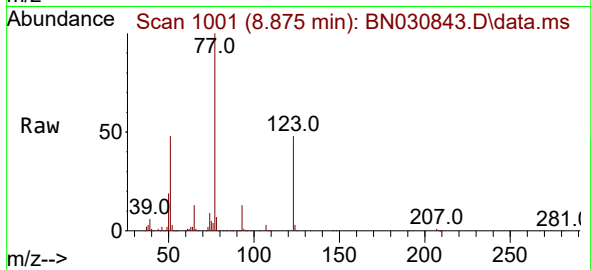
#22
Nitrobenzene
Concen: 44.492 ng/ul
RT: 8.875 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BN030843.D
Acq: 11 Apr 2024 10:05

Instrument :

BNA_N

ClientSampleId :

MC0RH3DL



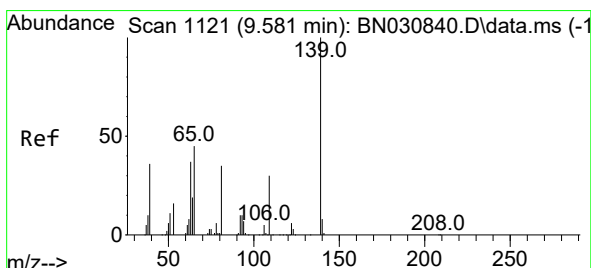
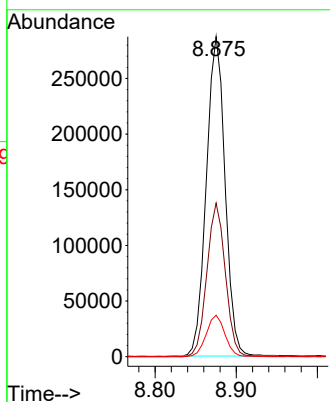
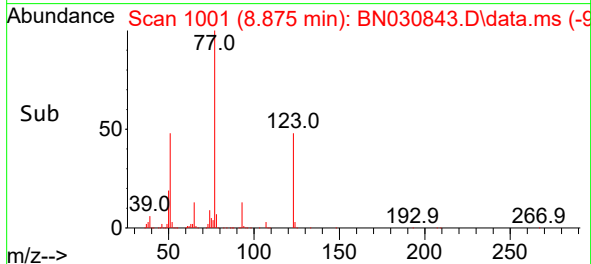
Tgt Ion: 77 Resp: 459334
Ion Ratio Lower Upper
77 100
123 48.0 37.5 56.3
65 13.0 10.6 15.8

Manual Integrations

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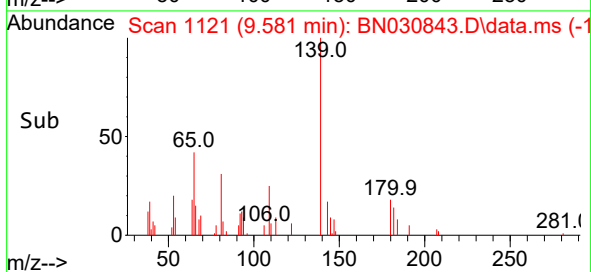
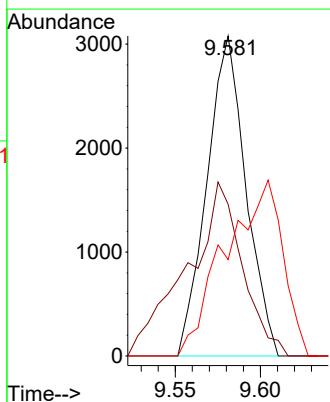
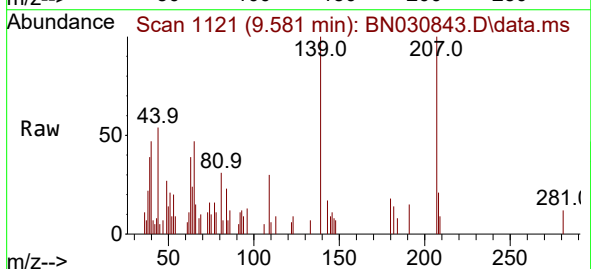
Reviewed By :Yogesh Patel 04/12/2024

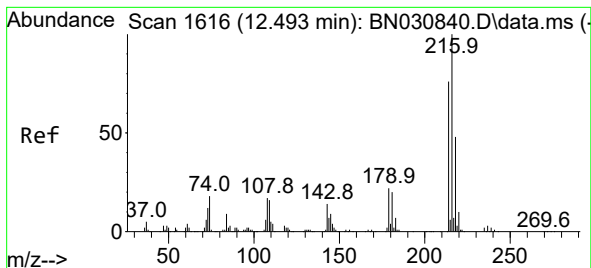
Supervised By :mohammad ahmed 04/12/2024



#25
2-Nitrophenol
Concen: 1.078 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BN030843.D
Acq: 11 Apr 2024 10:05

Tgt Ion:139 Resp: 4902
Ion Ratio Lower Upper
139 100
65 47.4 39.5 59.3
109 30.1 23.8 35.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.547 ng/ul m

RT: 12.493 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN030843.D

Acq: 11 Apr 2024 10:05

Instrument :

BNA_N

ClientSampleId :

MC0RH3DL

Tgt Ion:216 Resp: 139072

Ion Ratio Lower Upper

216 100

214 79.1 60.9 91.3

179 22.0 17.4 26.0

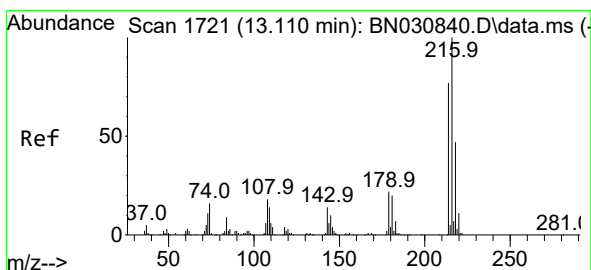
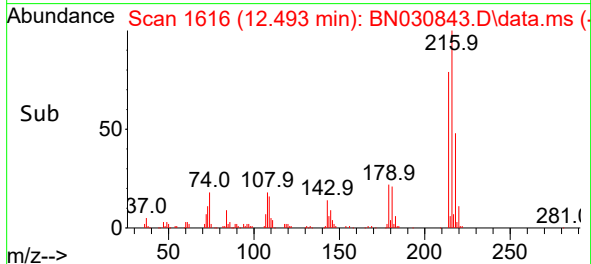
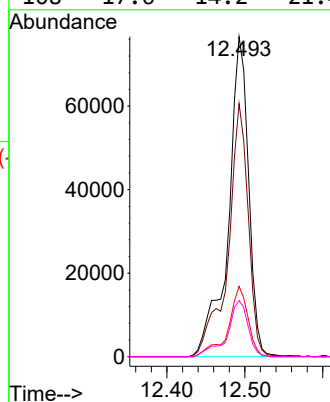
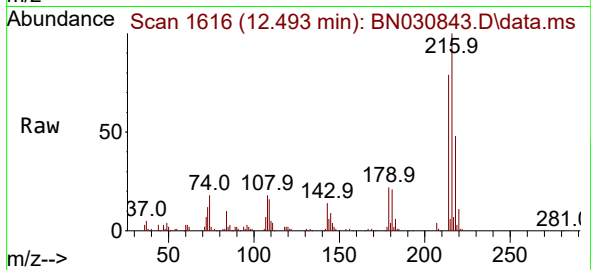
108 17.6 14.2 21.4

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#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.994 ng/uL

RT: 13.110 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BN030843.D

Acq: 11 Apr 2024 10:05

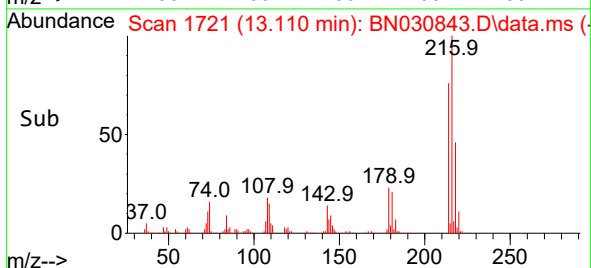
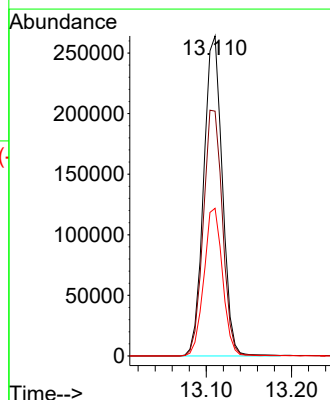
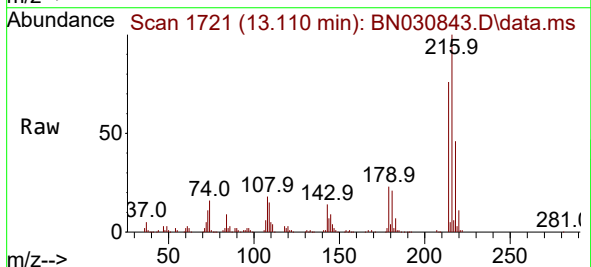
Tgt Ion:216 Resp: 400387

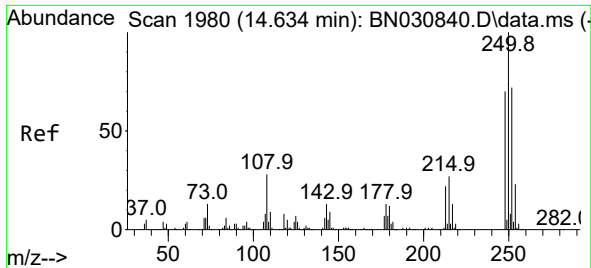
Ion Ratio Lower Upper

216 100

214 76.5 63.1 94.7

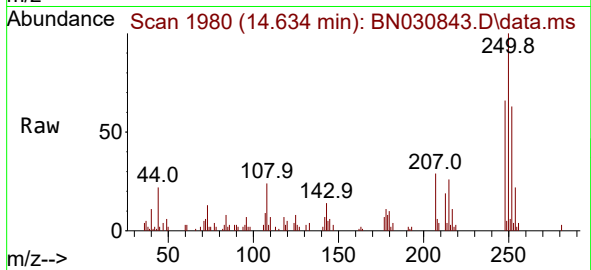
218 46.2 39.5 59.3





#76
 Pentachlorobenzene
 Concen: 1.283 ng/uL
 RT: 14.634 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: BN030843.D
 Acq: 11 Apr 2024 10:05

Instrument :
 BNA_N
 ClientSampleId :
 MC0RH3DL



Tgt Ion:250 Resp: 16314
 Ion Ratio Lower Upper
 250 100
 248 65.9 45.8 68.6
 252 63.1 48.7 73.1

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