

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
 Data File : BN030842.D
 Acq On : 11 Apr 2024 09:25
 Operator : MA/JU
 Sample : P2006-13DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MC0RF2DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 23:35:40 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	7.675	152	126983	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	574872	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	405883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	990314	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1097432	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1164280	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	2843	1.050	ng/uL	0.00
4) Pyridine-d5	3.617	84	15948m	1.964	ng/u1	0.02
7) Phenol-d5	6.846	99	14629	1.424	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	58719	9.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	52376	6.721	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	32244	3.745	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	35141	8.812	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	32094	8.797	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	62205	7.789	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	78926	6.003	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	282750	10.434	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	315129	10.114	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.316	176	278542	11.746	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	21282	4.869	ng/u1	0.00
73) Anthracene-d10	17.163	188	483760	11.338	ng/u1	0.00
81) Pyrene-d10	19.463	212	628300	10.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	597707	11.141	ng/u1	0.00
Target Compounds						
22) Nitrobenzene	8.869	77	166678	17.122	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.493	216	101764m	9.715	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.104	216	272314	22.382	ng/uL	99

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

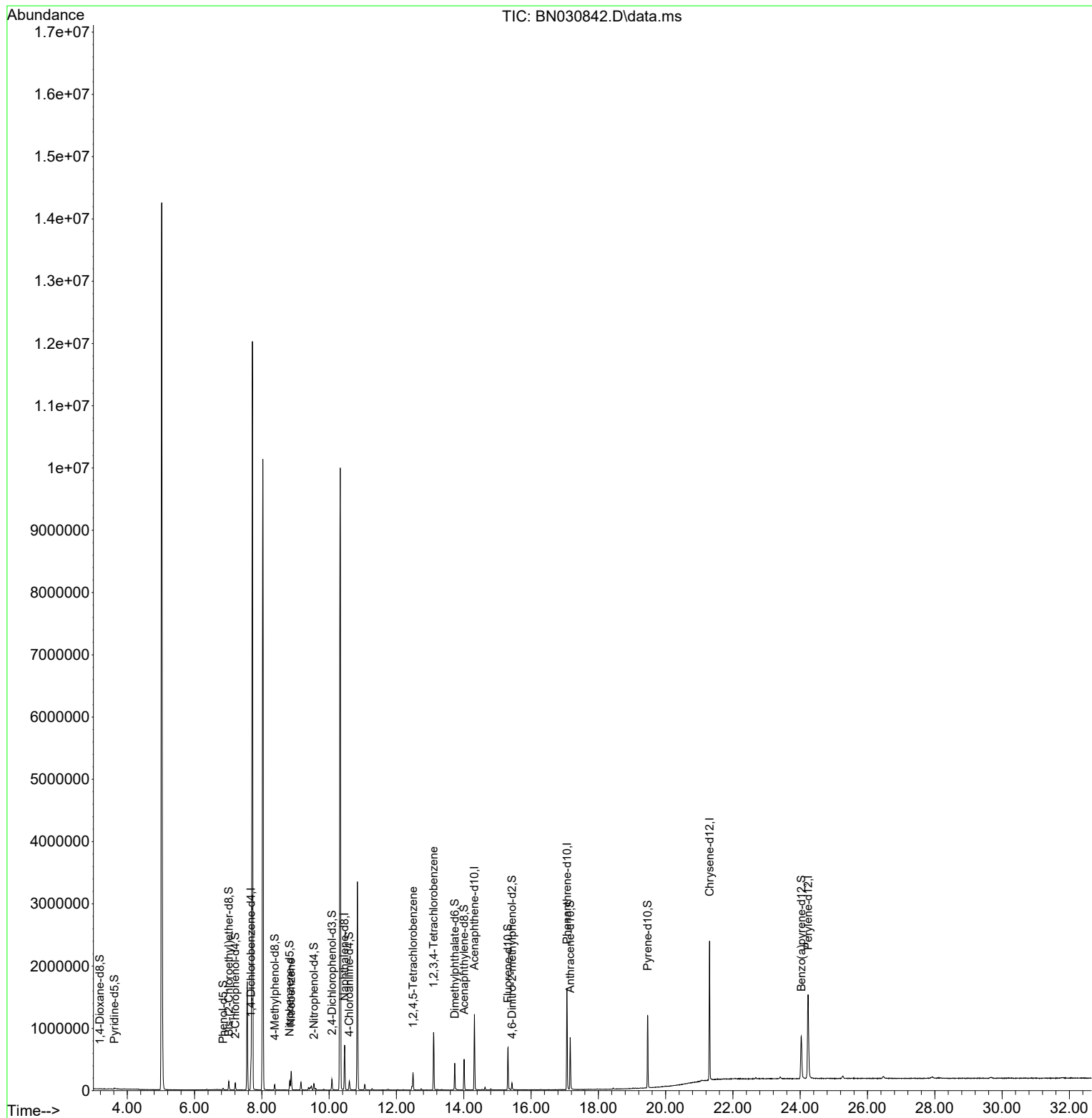
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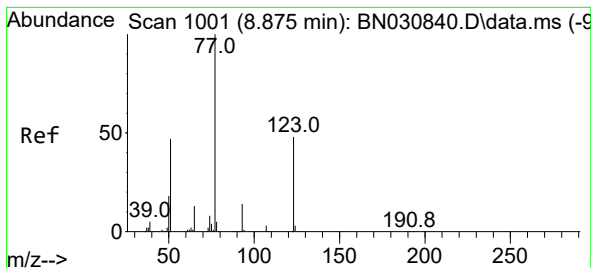
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Quant Time: Apr 11 23:35:40 2024
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#22

Nitrobenzene

Concen: 17.122 ng/ul

RT: 8.869 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BN030842.D

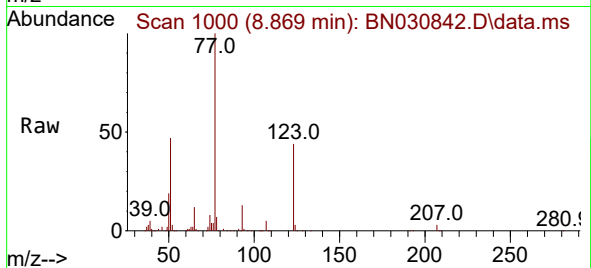
Acq: 11 Apr 2024 09:25

Instrument :

BNA_N

ClientSampleId :

MC0RF2DL



Tgt Ion: 77 Resp: 166678

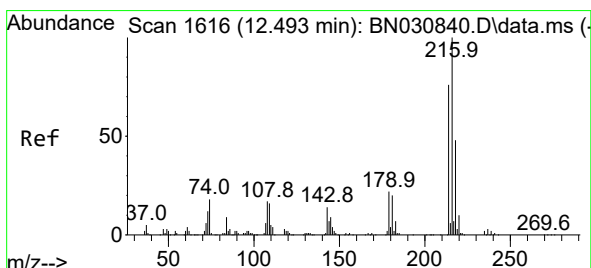
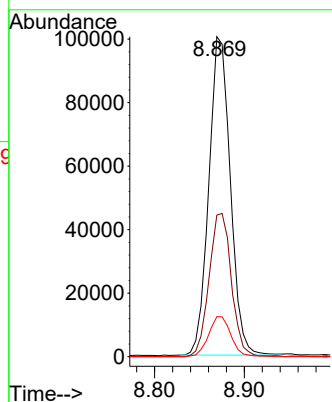
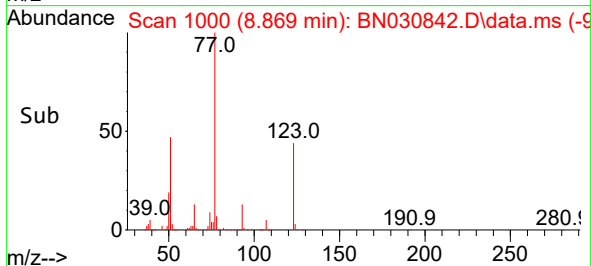
Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.5	56.3
65	12.5	10.6	15.8

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.715 ng/ul m

RT: 12.493 min Scan# 1616

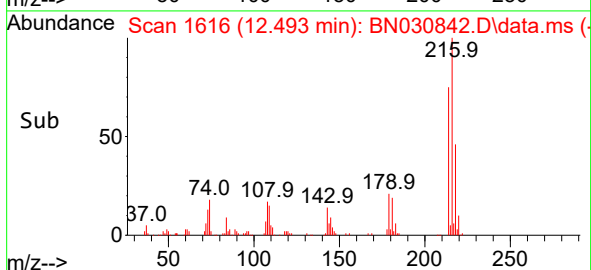
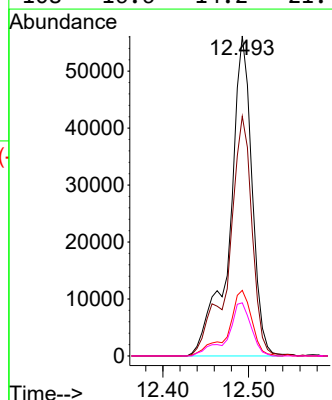
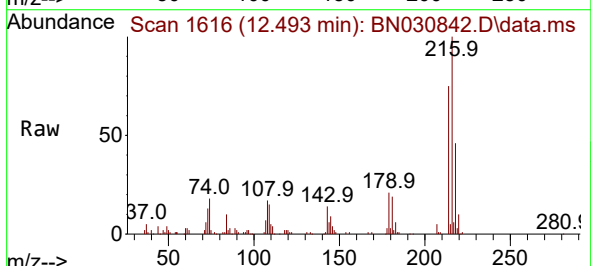
Delta R.T. -0.006 min

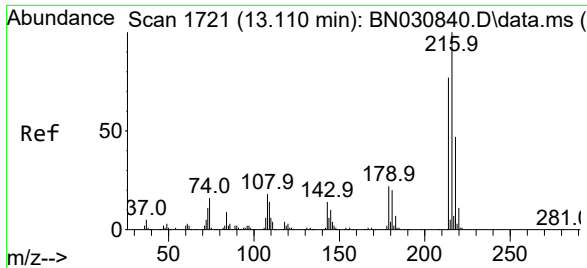
Lab File: BN030842.D

Acq: 11 Apr 2024 09:25

Tgt Ion:216 Resp: 101764

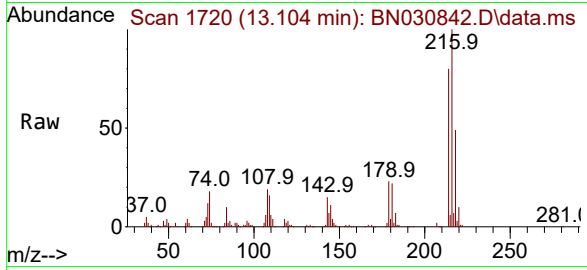
Ion	Ratio	Lower	Upper
216	100		
214	74.9	60.9	91.3
179	20.5	17.4	26.0
108	16.6	14.2	21.4





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.382 ng/uL
 RT: 13.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN030842.D
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Tgt Ion:216 Resp: 272314
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.1 94.7
 218 48.9 39.5 59.3

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