

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN030977.D
 Acq On : 17 Apr 2024 14:48
 Operator : MA/JU
 Sample : P2006-10DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MC0RE9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 17 22:45:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 22:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	99313	20.000	ng/u1	0.01
20) Naphthalene-d8	10.428	136	453138	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	309092	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	705926	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	800675	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1027515	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	2858m	1.349	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.816	99	10672	1.328	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	43751	8.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	36617	6.008	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	23457	3.484	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	24314	7.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	21306	7.409	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	40472	6.429	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	44932	4.335	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	202622	9.819	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	205149	8.646	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.281	176	179974	9.966	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	14595	4.684	ng/u1	0.00
73) Anthracene-d10	17.133	188	288066	9.471	ng/u1	0.00
81) Pyrene-d10	19.433	212	373190	8.669	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	434311	9.173	ng/u1	0.00
Target Compounds						
22) Nitrobenzene	8.840	77	336762	43.887	ng/u1	98
25) 2-Nitrophenol	9.546	139	3726	1.102	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.463	216	96100m	12.048	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.075	216	278383	32.099	ng/uL	98
76) Pentachlorobenzene	14.604	250	10762	1.222	ng/uL	90

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

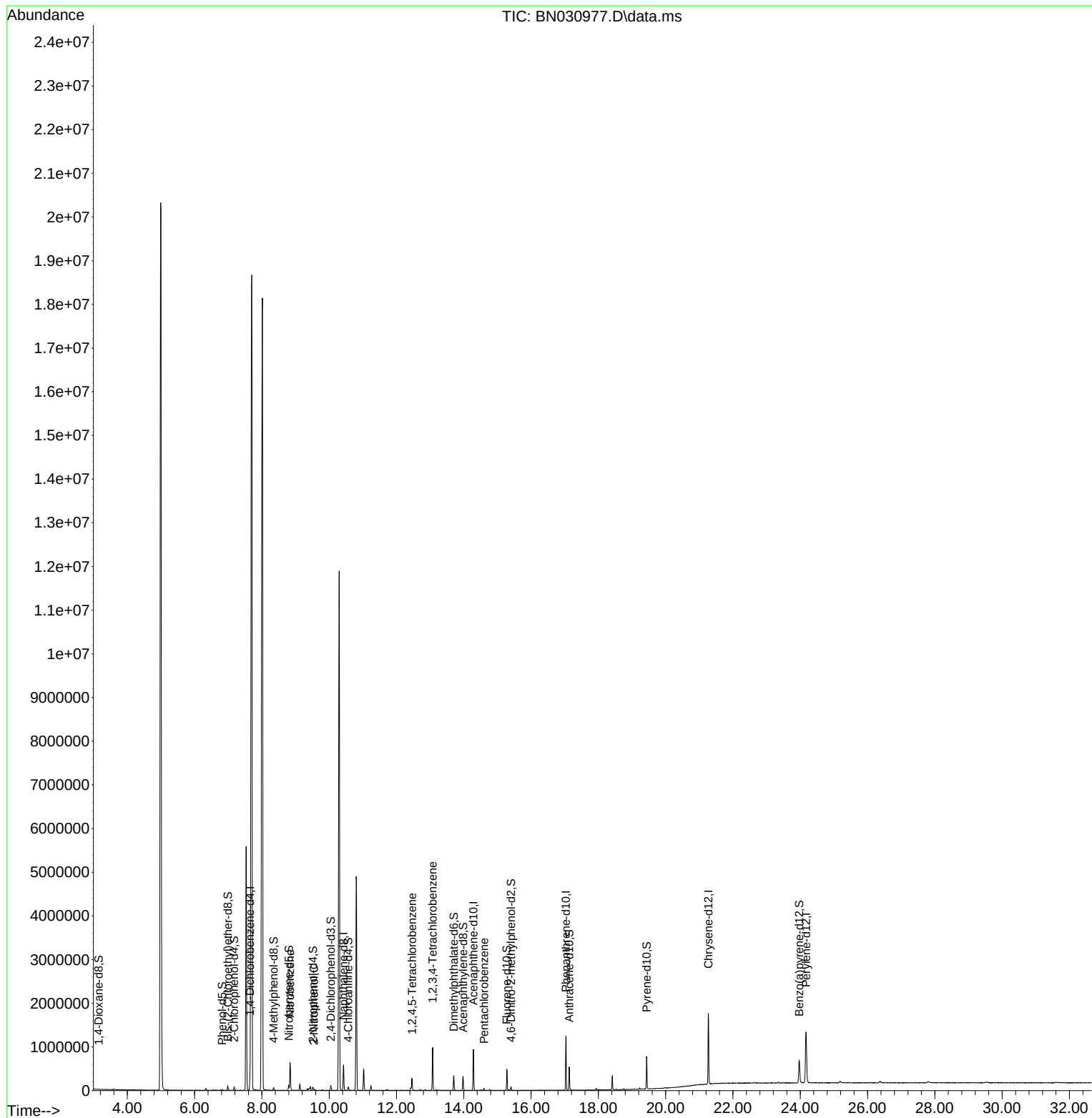
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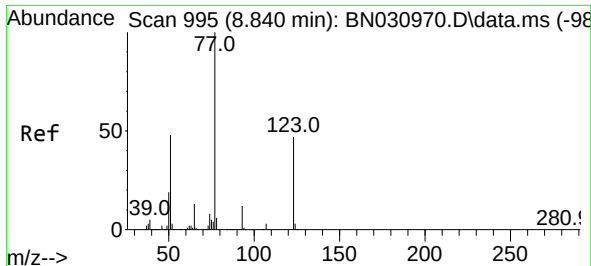
Instrument :
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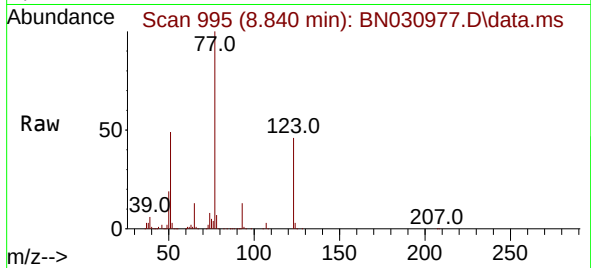
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024





#22
Nitrobenzene
Concen: 43.887 ng/ul
RT: 8.840 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN030977.D
Acq: 17 Apr 2024 14:48

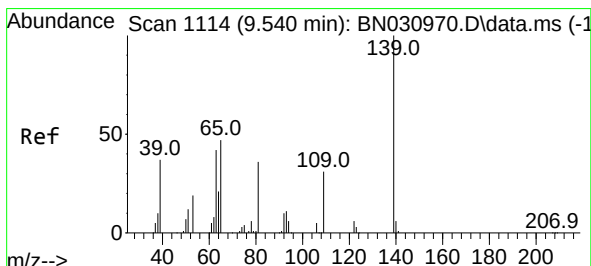
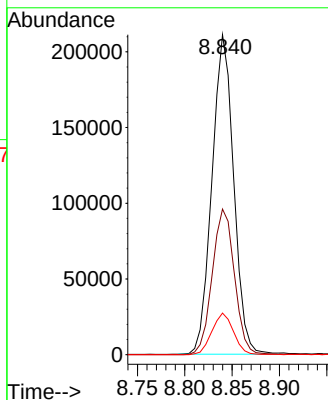
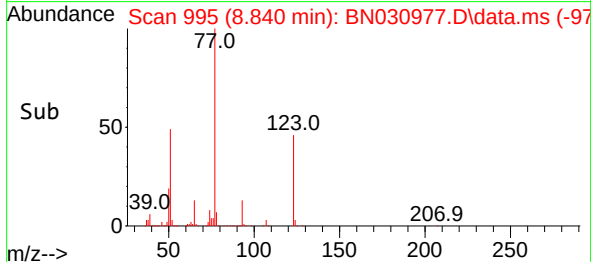
Instrument :
BNA_N
ClientSampleId :
MC0RE9DL



Tgt Ion: 77 Resp: 336762
Ion Ratio Lower Upper
77 100
123 45.5 37.5 56.3
65 13.0 10.6 15.8

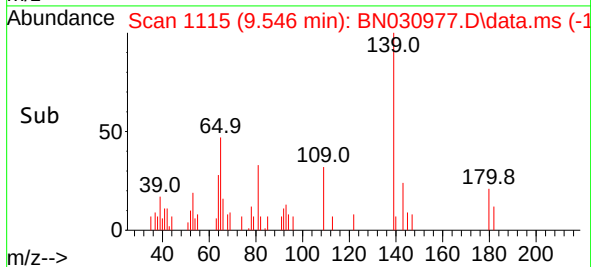
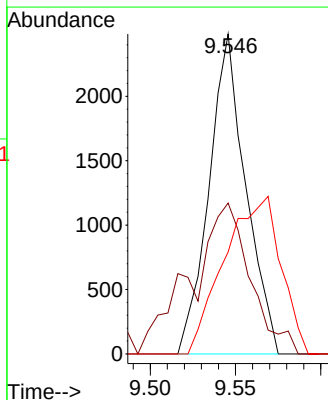
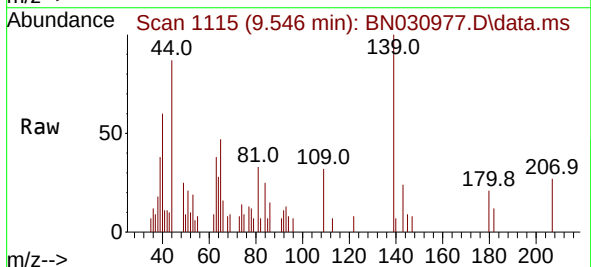
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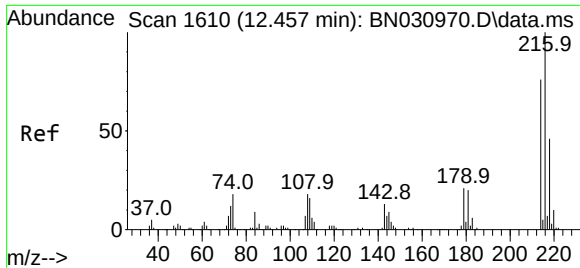
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024



#25
2-Nitrophenol
Concen: 1.102 ng/ul
RT: 9.546 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BN030977.D
Acq: 17 Apr 2024 14:48

Tgt Ion:139 Resp: 3726
Ion Ratio Lower Upper
139 100
65 47.1 39.5 59.3
109 31.8 23.8 35.8





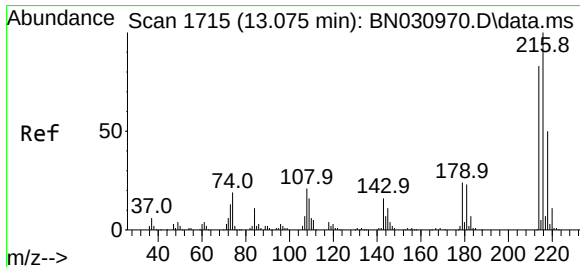
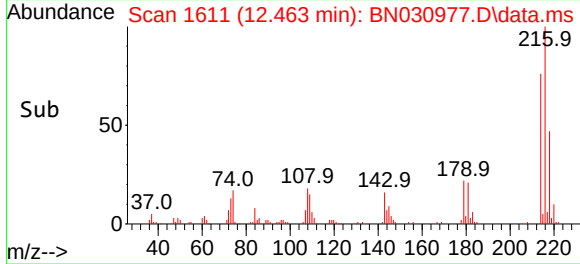
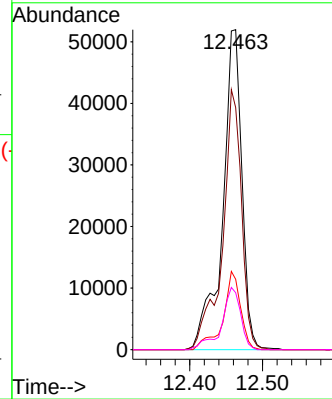
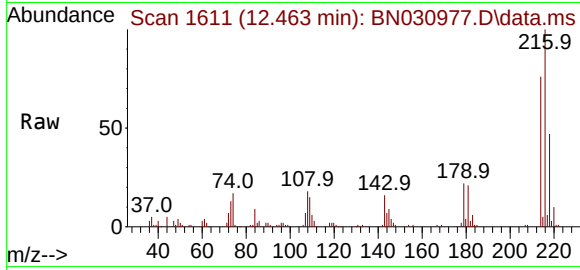
#39
1,2,4,5-Tetrachlorobenzene
Concen: 12.048 ng/ul m
RT: 12.463 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BN030977.D
Acq: 17 Apr 2024 14:48

Instrument :
BNA_N
ClientSampleId :
MC0RE9DL

Tgt Ion:216 Resp: 96100
Ion Ratio Lower Upper
216 100
214 75.6 60.9 91.3
179 22.0 17.4 26.0
108 17.8 14.2 21.4

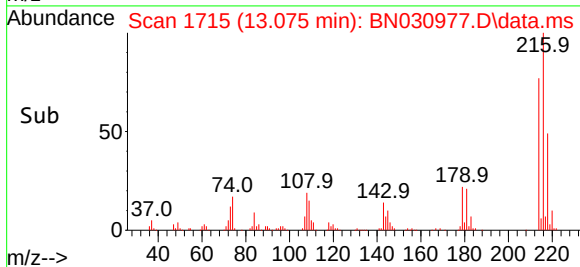
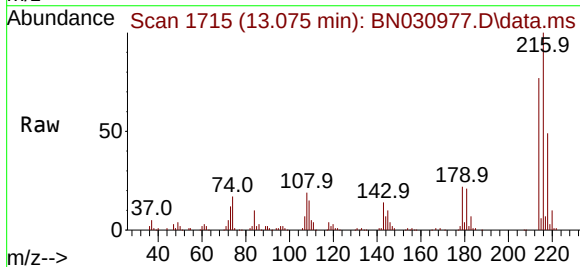
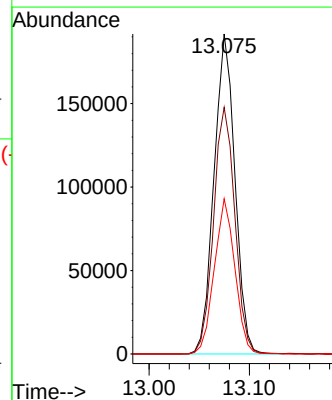
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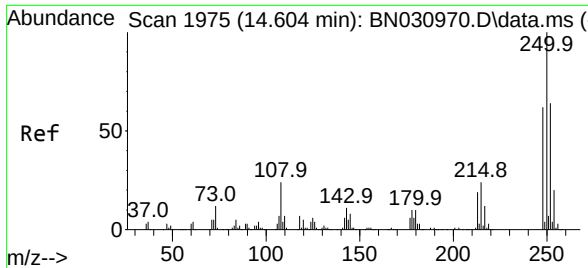
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024



#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.099 ng/uL
RT: 13.075 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN030977.D
Acq: 17 Apr 2024 14:48

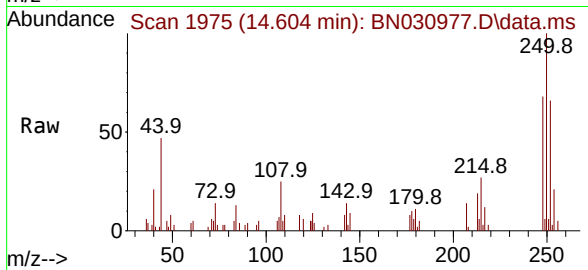
Tgt Ion:216 Resp: 278383
Ion Ratio Lower Upper
216 100
214 77.1 63.1 94.7
218 48.5 39.5 59.3





#76
 Pentachlorobenzene
 Concen: 1.222 ng/uL
 RT: 14.604 min Scan# 1975
 Delta R.T. -0.000 min
 Lab File: BN030977.D
 Acq: 17 Apr 2024 14:48

Instrument :
 BNA_N
 ClientSampleId :
 MC0RE9DL



Tgt Ion:	250	Resp:	1076
Ion Ratio	Lower	Upper	
250	100		
248	67.8	45.8	68.6
252	65.6	48.7	73.1

Manual Integrations
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