

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
 Data File : BN025078.D  
 Acq On : 22 Apr 2023 16:20  
 Operator : CG/JU  
 Sample : 02378-14  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMK7

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/24/2023  
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 23 00:40:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Apr 23 00:37:14 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	195721m	20.000	ng/ul	0.04
20) Naphthalene-d8	10.752	136	1068106	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.563	164	643187	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1417706	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1442270	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1680403	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	23850	4.638	ng/uL	0.00
4) Pyridine-d5	3.728	84	153206	9.949	ng/ul	0.01
7) Phenol-d5	7.081	99	165024	8.648	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	545237	42.721	ng/ul	0.01
11) 2-Chlorophenol-d4	7.452	132	460774	32.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	303831	20.057	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	302241	34.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	325264	34.723	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	500449	29.889	ng/ul	0.01
31) 4-Chloroaniline-d4	10.881	131	544190	21.417	ng/ul	0.01
46) Dimethylphthalate-d6	13.975	166	1804615	36.193	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2025670	35.453	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	63166	6.180	ng/ul	0.00
60) Fluorene-d10	15.557	176	1482283	35.210	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	278180	30.151	ng/ul	0.00
73) Anthracene-d10	17.410	188	2426757	36.446	ng/ul	0.00
81) Pyrene-d10	19.710	212	2940958	35.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	3244386	36.926	ng/ul	0.01
Target Compounds						
8) Phenol	7.111	94	32325	1.627	ng/ul	99
12) 2-Chlorophenol	7.481	128	22861	1.561	ng/ul#	88
22) Nitrobenzene	9.140	77	4264049	183.490	ng/ul	99
25) 2-Nitrophenol	9.846	139	40423	4.000	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	870720m	46.411	ng/ul	

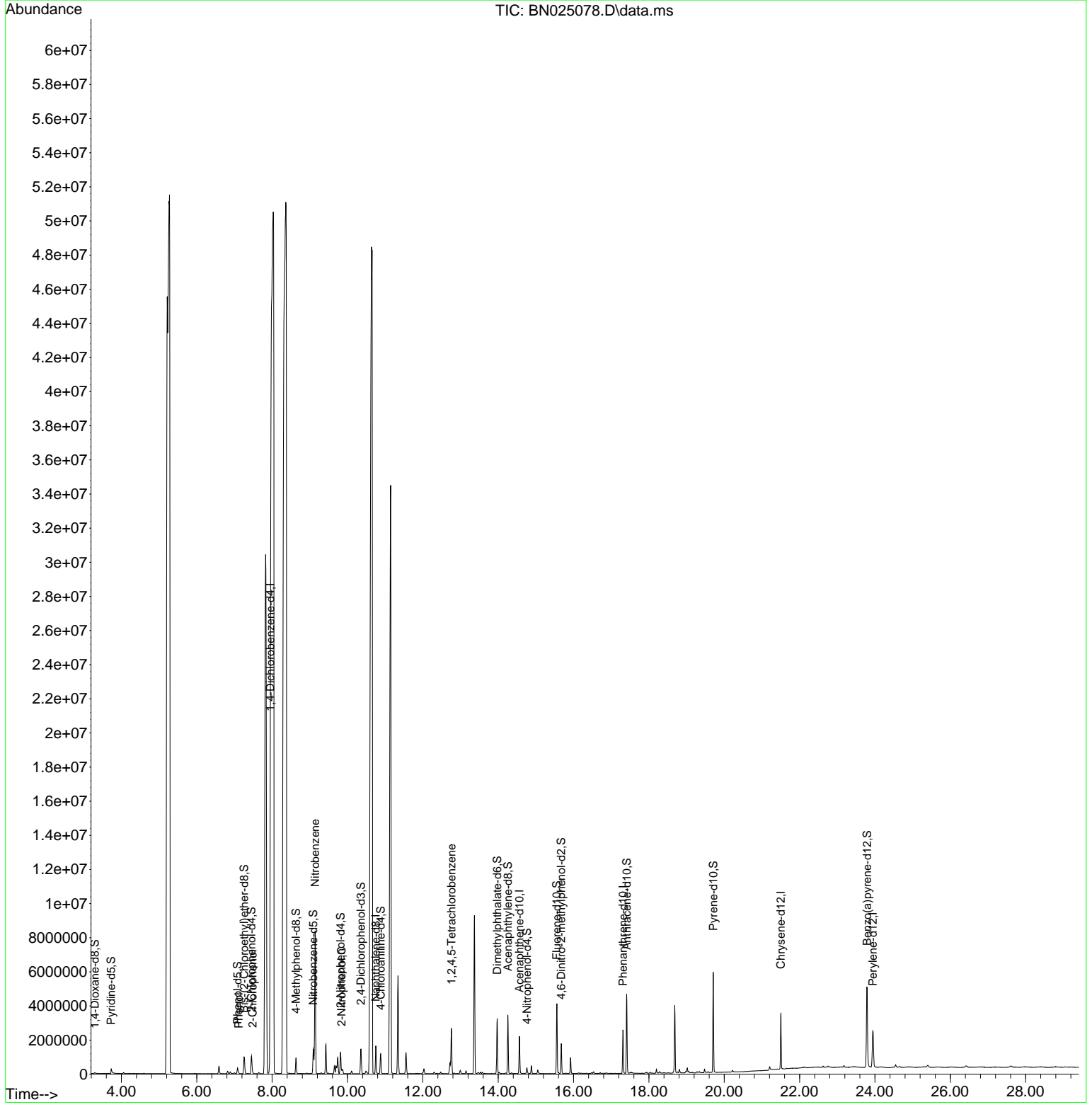
(#) = qualifier out of range (m) = manual integration (+) = signals summed

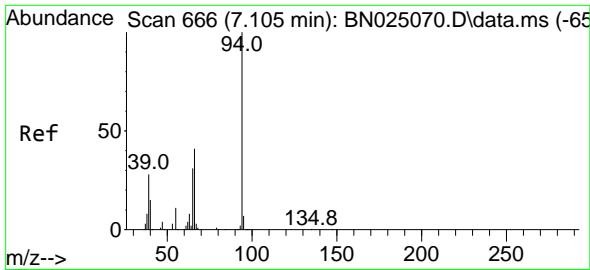
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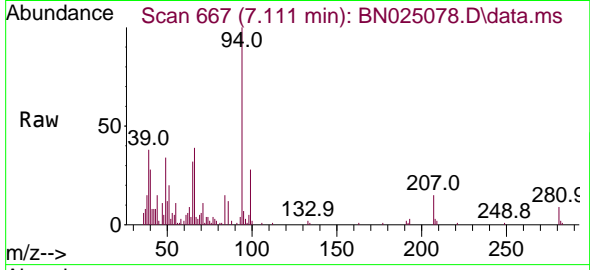
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023





#8  
 Phenol  
 Concen: 1.627 ng/u1  
 RT: 7.111 min Scan# 667  
 Delta R.T. 0.006 min  
 Lab File: BN025078.D  
 Acq: 22 Apr 2023 16:20

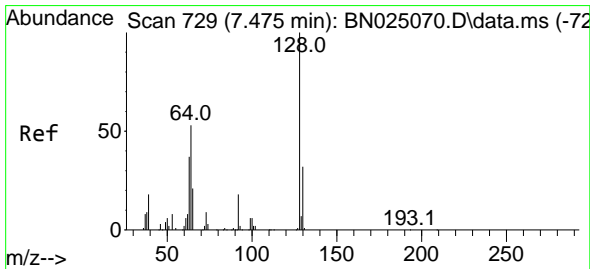
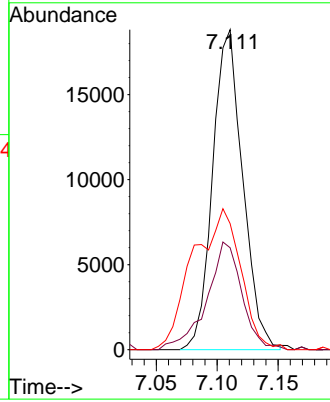
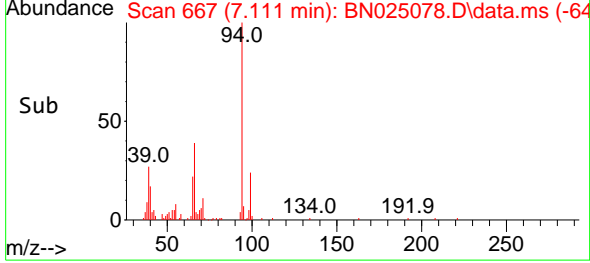
Instrument : BNA\_N  
 Client SampleId : COMK7



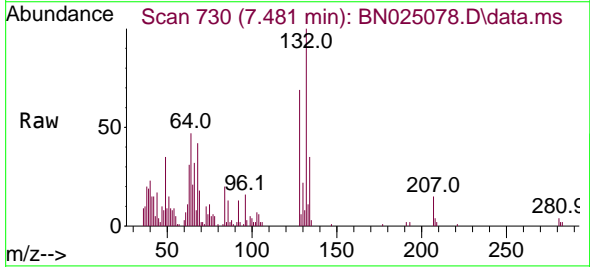
Tgt Ion: 94 Resp: 3232  
 Ion Ratio Lower Upper  
 94 100  
 65 31.9 25.1 37.7  
 66 39.4 31.9 47.9

Manual Integrations  
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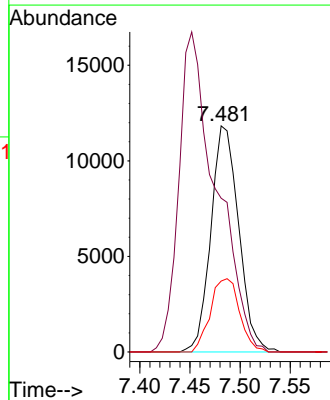
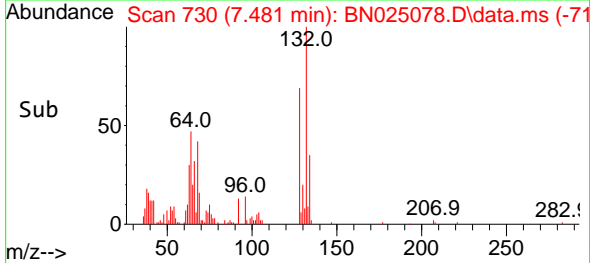
Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023

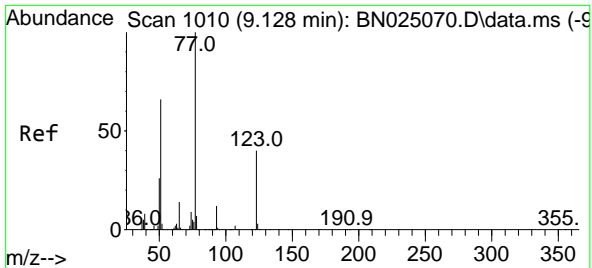


#12  
 2-Chlorophenol  
 Concen: 1.561 ng/u1  
 RT: 7.481 min Scan# 730  
 Delta R.T. 0.006 min  
 Lab File: BN025078.D  
 Acq: 22 Apr 2023 16:20



Tgt Ion:128 Resp: 22861  
 Ion Ratio Lower Upper  
 128 100  
 64 68.0 44.8 67.2#  
 130 31.3 26.6 39.8





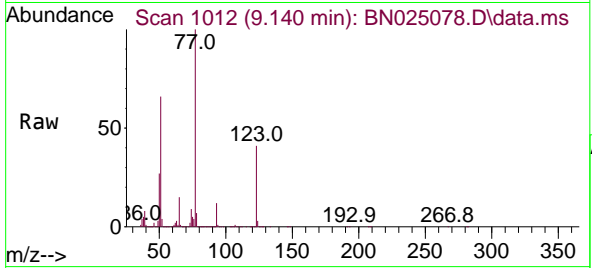
#22  
 Nitrobenzene  
 Concen: 183.490 ng/uI  
 RT: 9.140 min Scan# 1010  
 Delta R.T. 0.012 min  
 Lab File: BN025078.D  
 Acq: 22 Apr 2023 16:20

Instrument :

BNA\_N

ClientSampleId :

COMK7

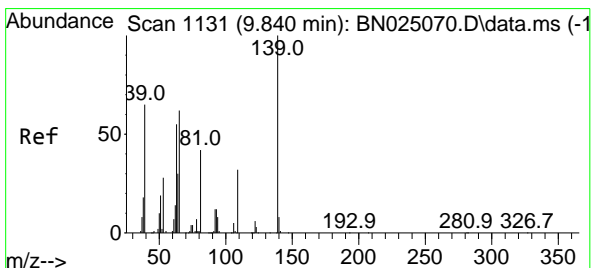
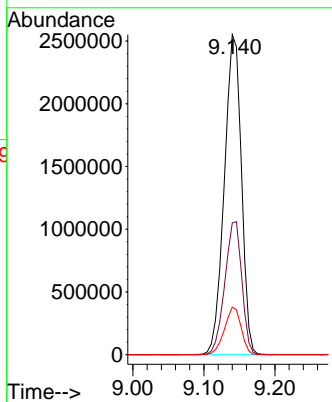
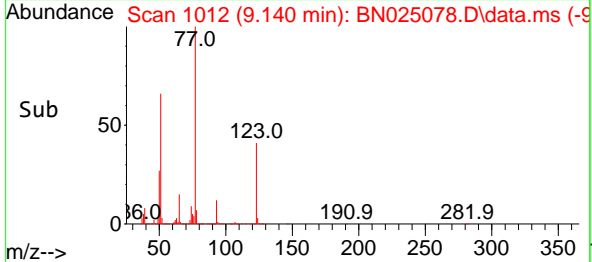


Tgt Ion: 77 Resp: 4264049  
 Ion Ratio Lower Upper  
 77 100  
 123 41.2 33.5 50.3  
 65 14.8 11.8 17.8

Manual Integrations

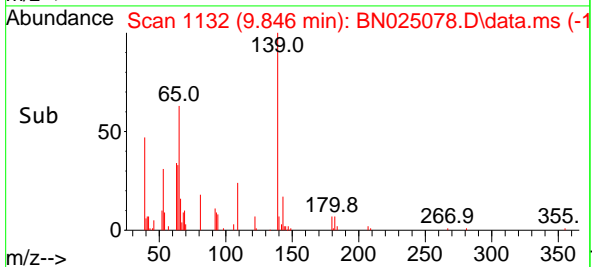
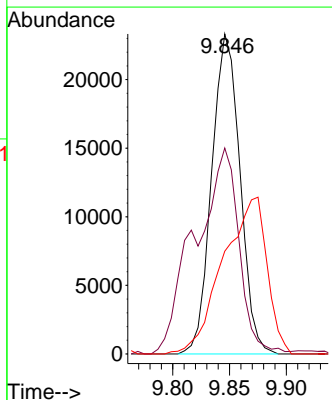
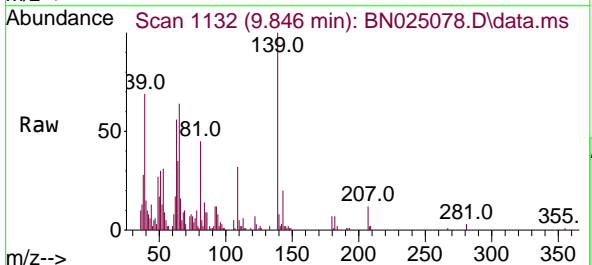
APPROVED

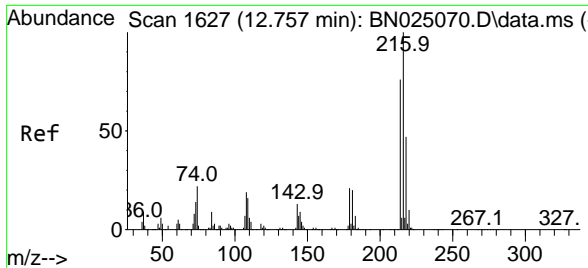
Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023



#25  
 2-Nitrophenol  
 Concen: 4.000 ng/uI  
 RT: 9.846 min Scan# 1132  
 Delta R.T. 0.006 min  
 Lab File: BN025078.D  
 Acq: 22 Apr 2023 16:20

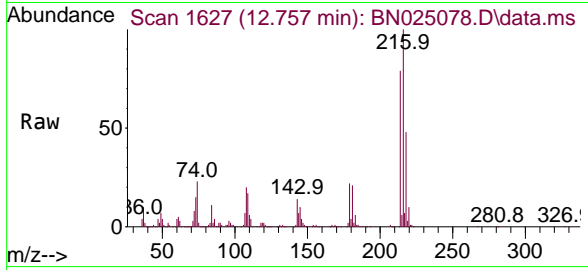
Tgt Ion:139 Resp: 40423  
 Ion Ratio Lower Upper  
 139 100  
 65 64.4 49.8 74.8  
 109 32.1 26.2 39.2





#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.411 ng/ul m  
 RT: 12.757 min Scan# 10  
 Delta R.T. 0.000 min  
 Lab File: BN025078.D  
 Acq: 22 Apr 2023 16:20

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Tgt Ion:216 Resp: 870720

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.2	93.4
179	22.3	16.8	25.2
108	19.8	15.0	22.6

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