

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025079.D
 Acq On : 22 Apr 2023 16:56
 Operator : CG/JU
 Sample : 02378-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMK8

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 00:41:08 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	211060m	20.000	ng/u1	0.04
20) Naphthalene-d8	10.751	136	1125325	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.563	164	686957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1493952	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1471446	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1860268	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	27605	4.978	ng/uL	0.00
4) Pyridine-d5	3.722	84	202767	12.211	ng/u1	0.00
7) Phenol-d5	7.081	99	159780	7.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	500720	36.381	ng/u1	0.01
11) 2-Chlorophenol-d4	7.452	132	418997	27.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	282924	17.320	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	276751	30.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	293852	29.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	457703	25.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	687007	25.663	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	1592425	29.902	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1737379	28.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	62611	5.735	ng/u1	0.00
60) Fluorene-d10	15.557	176	1402517	31.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	243062	25.000	ng/u1	0.00
73) Anthracene-d10	17.410	188	2245777	32.007	ng/u1	0.00
81) Pyrene-d10	19.704	212	2781166	32.549	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	3205413	32.955	ng/u1	0.01
Target Compounds						
8) Phenol	7.105	94	467575	21.819	ng/u1	100
12) 2-Chlorophenol	7.481	128	29164	1.847	ng/u1	88
22) Nitrobenzene	9.134	77	1315292	53.722	ng/u1	98
25) 2-Nitrophenol	9.846	139	17516	1.645	ng/u1#	91
39) 1,2,4,5-Tetrachloroben...	12.763	216	1591539	79.426	ng/u1	99

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

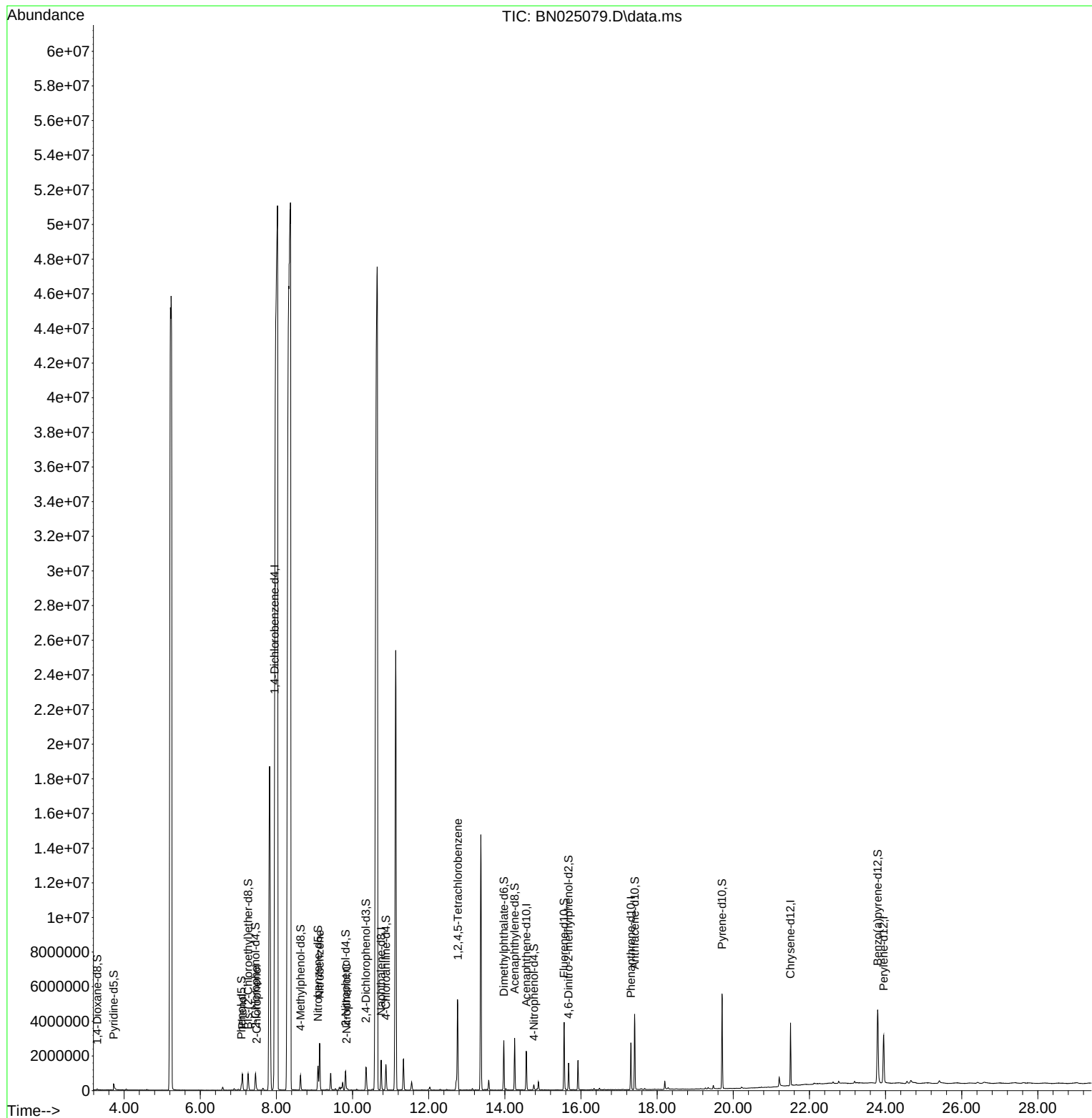
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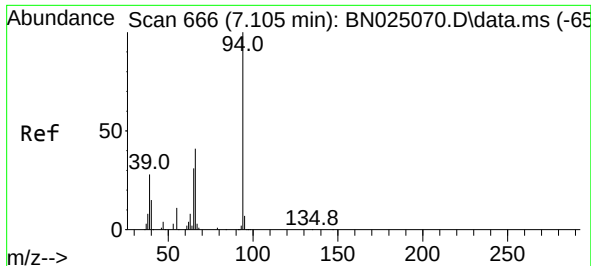
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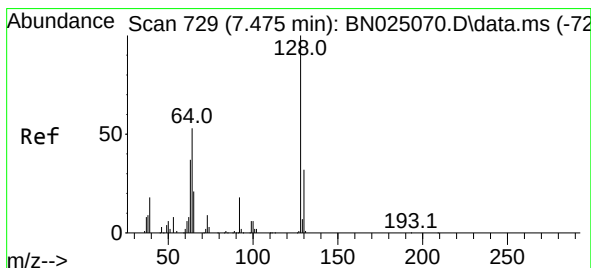
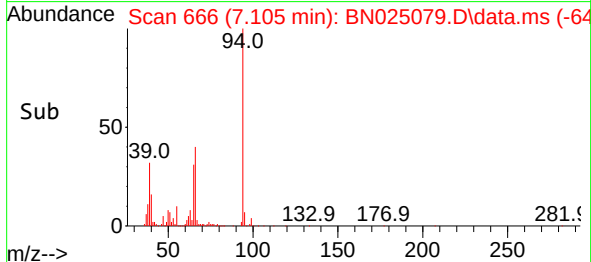
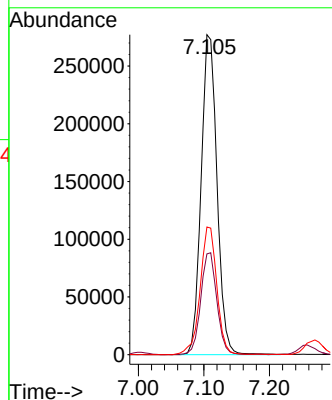
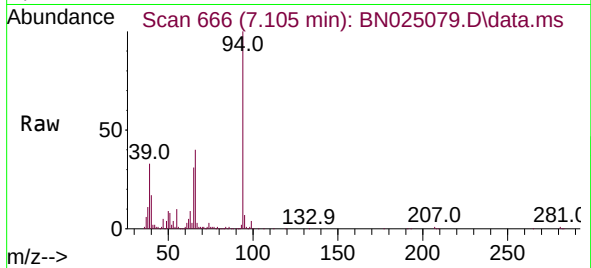
#8
Phenol
Concen: 21.819 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. -0.000 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

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ClientSampleId :
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Tgt Ion: 94 Resp: 46757
Ion Ratio Lower Upper
94 100
65 31.5 25.1 37.7
66 39.9 31.9 47.9

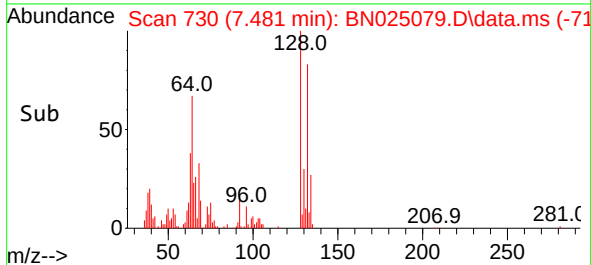
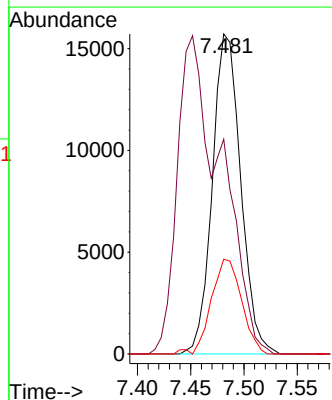
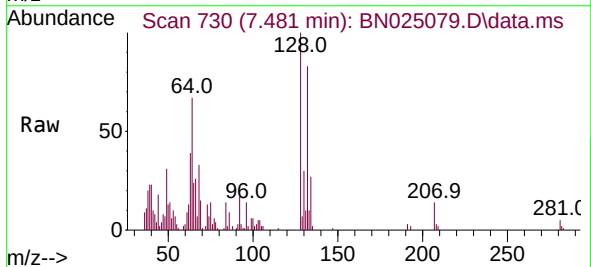
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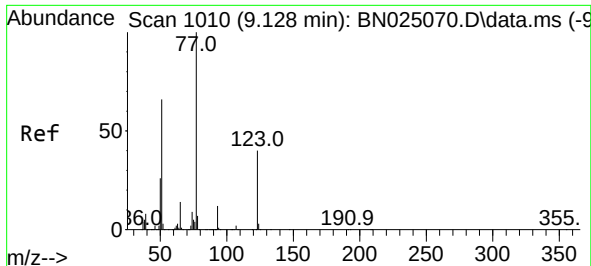
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#12
2-Chlorophenol
Concen: 1.847 ng/ul
RT: 7.481 min Scan# 730
Delta R.T. 0.006 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

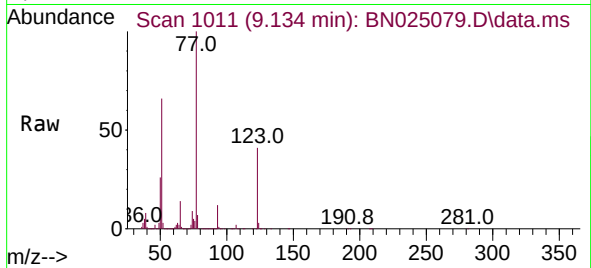
Tgt Ion:128 Resp: 29164
Ion Ratio Lower Upper
128 100
64 67.1 44.8 67.2
130 29.6 26.6 39.8





#22
Nitrobenzene
Concen: 53.722 ng/ul
RT: 9.134 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

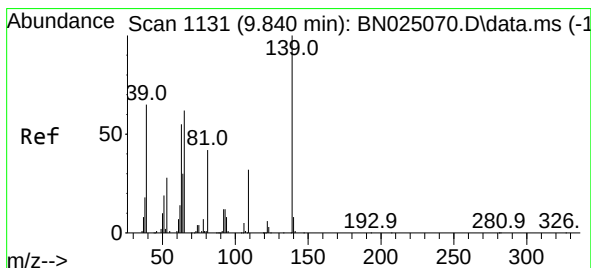
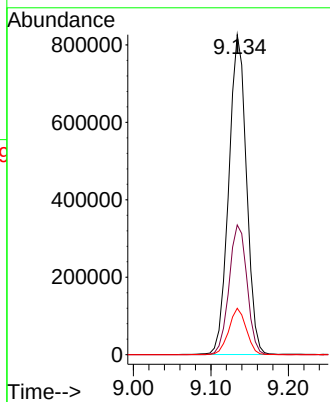
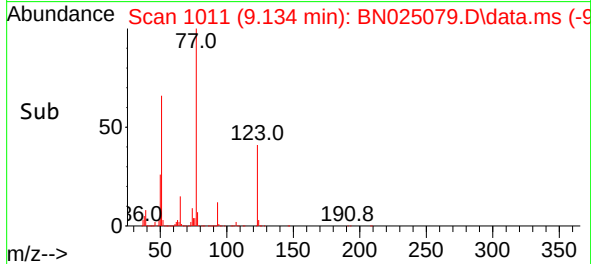
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Tgt Ion: 77 Resp: 131529
Ion Ratio Lower Upper
77 100
123 40.6 33.5 50.3
65 14.5 11.8 17.8

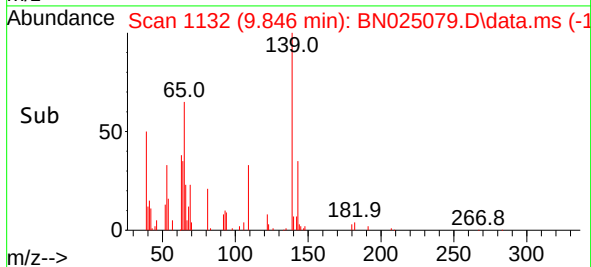
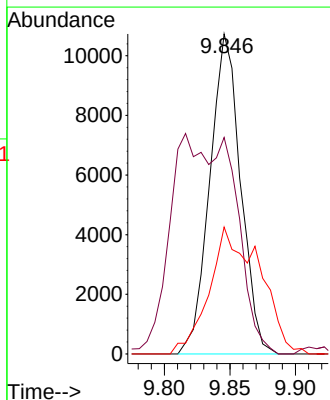
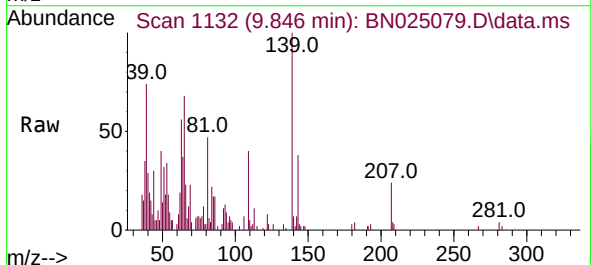
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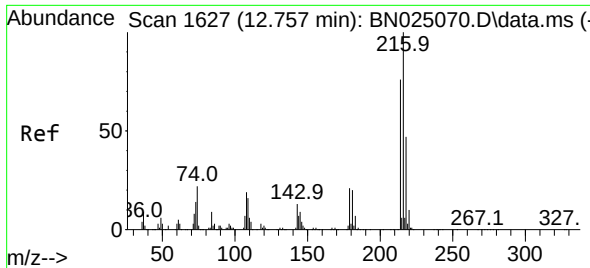
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#25
2-Nitrophenol
Concen: 1.645 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

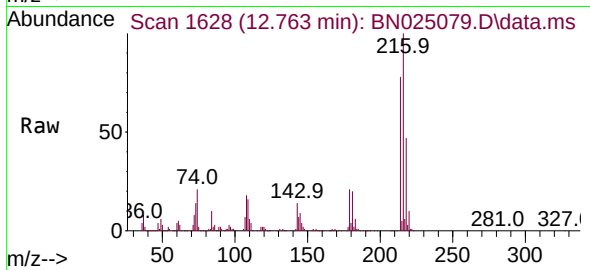
Tgt Ion:139 Resp: 17516
Ion Ratio Lower Upper
139 100
65 67.7 49.8 74.8
109 39.7 26.2 39.2#





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 79.426 ng/ul
 RT: 12.763 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: BN025079.D
 Acq: 22 Apr 2023 16:56

Instrument :
 BNA_N
 ClientSampleId :
 COMK8



Tgt Ion:216 Resp: 1591539
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.2 93.4
 179 20.9 16.8 25.2
 108 18.0 15.0 22.6

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