

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031150.D
 Acq On : 23 Apr 2024 11:39
 Operator : MA/JU
 Sample : P2159-16DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0RE1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 22:56:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	104045	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	465877	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	314439	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	730784	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	890001	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	996310	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2528m	1.135	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.805	99	10400	1.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	42029	8.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	39497	5.780	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	22576	3.059	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	26381	7.881	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	23387	6.722	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	43896	6.397	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	65178	6.079	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	179935	8.223	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	207082	8.352	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.275	176	169347	8.890	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	13367	3.625	ng/u1	0.00
73) Anthracene-d10	17.128	188	285112	9.001	ng/u1	0.00
81) Pyrene-d10	19.427	212	380336	8.697	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	420164	8.893	ng/u1	-0.01
Target Compounds						
12) 2-Chlorophenol	7.199	128	7154	1.007	ng/u1	96
30) Naphthalene	10.463	128	52837	2.188	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	79520m	9.665	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.063	216	218830	25.529	ng/uL	99

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

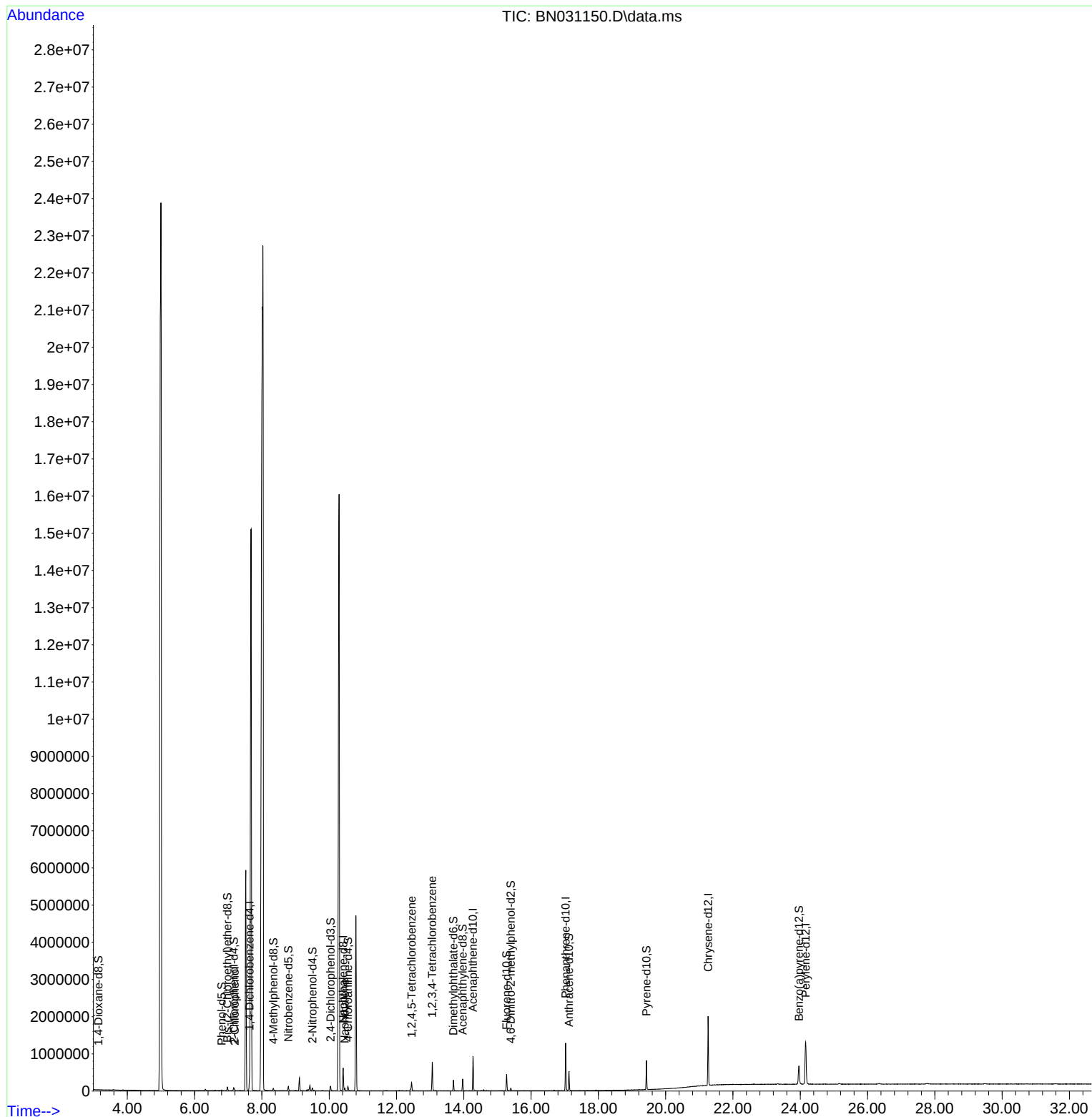
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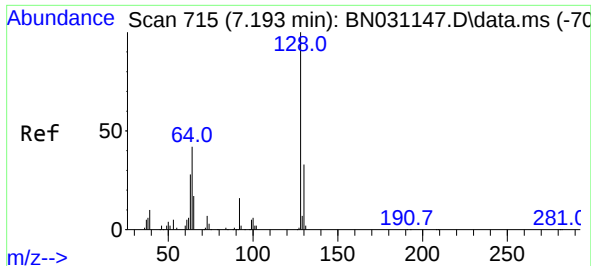
Instrument :
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CORE1DL

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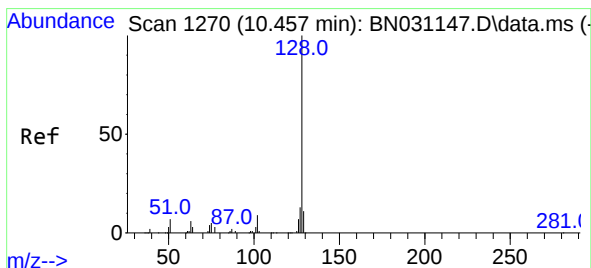
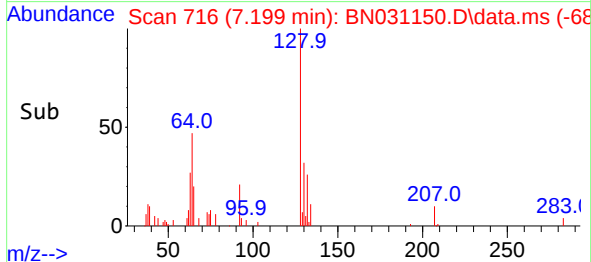
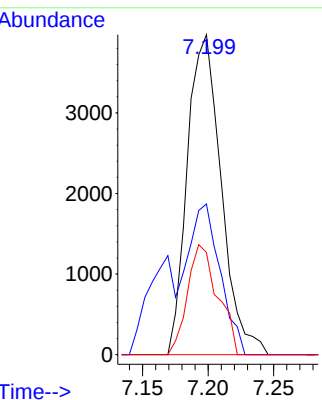
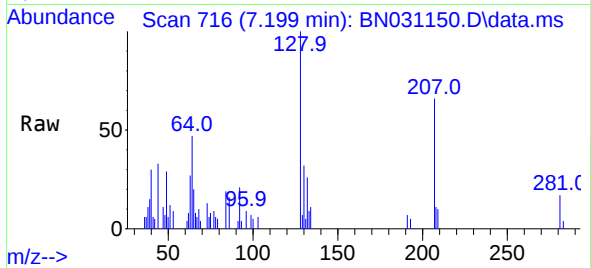
#12
2-Chlorophenol
Concen: 1.007 ng/ul
RT: 7.199 min Scan# 715
Delta R.T. -0.000 min
Lab File: BN031150.D
Acq: 23 Apr 2024 11:39

Instrument :
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Tgt Ion	128	64	130
Resp	715	47.1	32.0
Lower		34.9	27.0
Upper		52.3	40.4

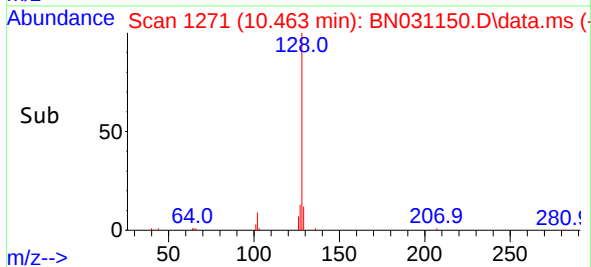
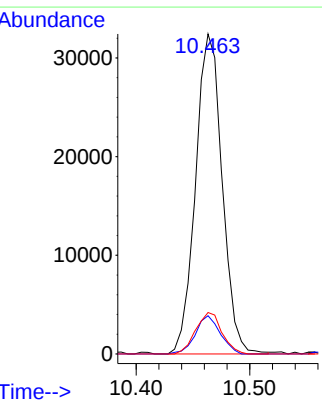
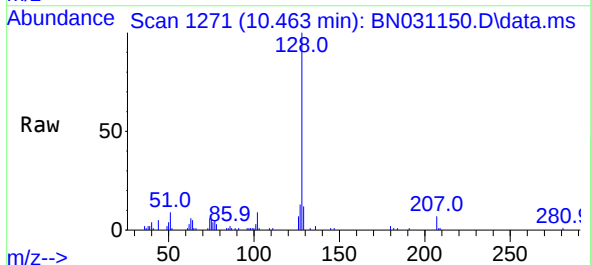
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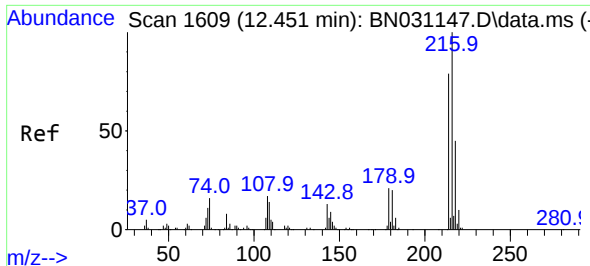
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#30
Naphthalene
Concen: 2.188 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BN031150.D
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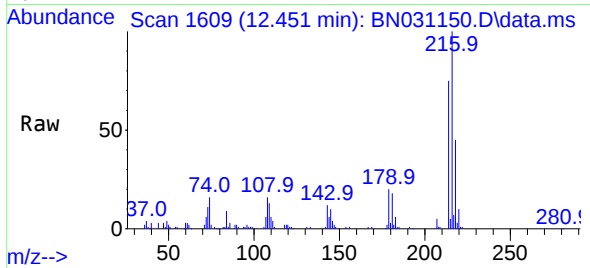
Tgt Ion	128	129	127
Resp	52837	12.0	12.9
Lower		9.0	10.5
Upper		13.4	15.7





#39
1,2,4,5-Tetrachlorobenzene
Concen: 9.665 ng/ul m
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
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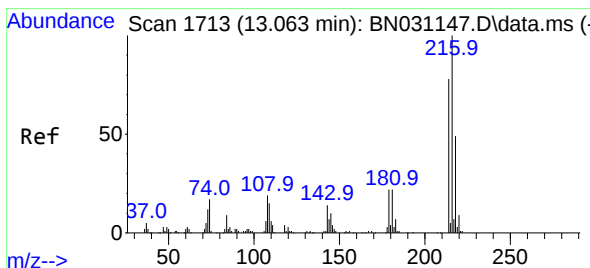
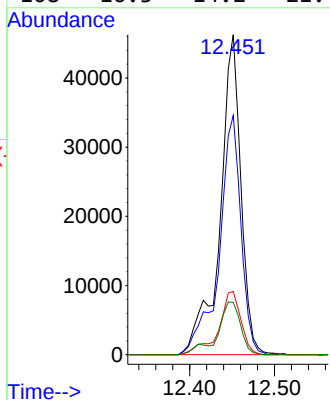
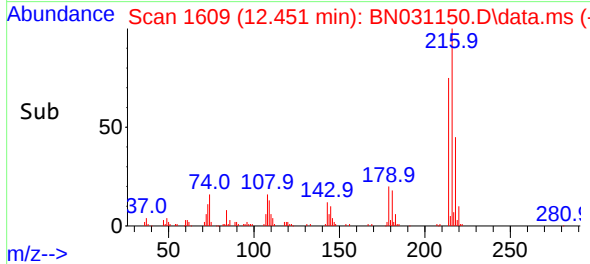
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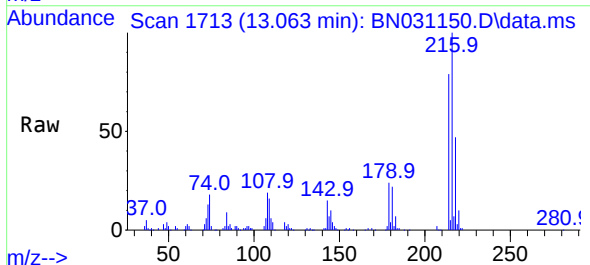
Tgt Ion:216 Resp: 79520
Ion Ratio Lower Upper
216 100
214 74.8 63.1 94.7
179 19.8 17.0 25.6
108 16.3 14.2 21.4

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#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.529 ng/uL
RT: 13.063 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BN031150.D
Acq: 23 Apr 2024 11:39



Tgt Ion:216 Resp: 218830
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
218 47.2 38.3 57.5

