Quantitation Report (Qedit)

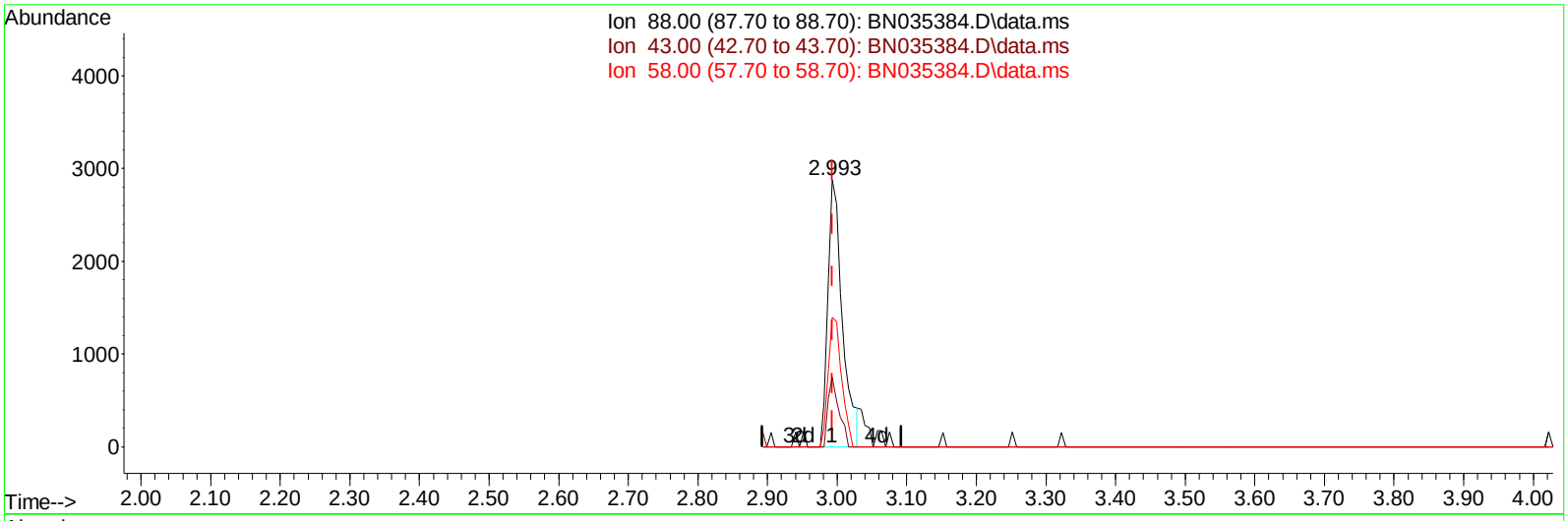
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
Data File : BN035384.D
Acq On : 02 Dec 2024 13:03
Operator : RC/JU
Sample : SSTD00592
Misc :
ALS Vial : 2 Sample Multiplier: 1

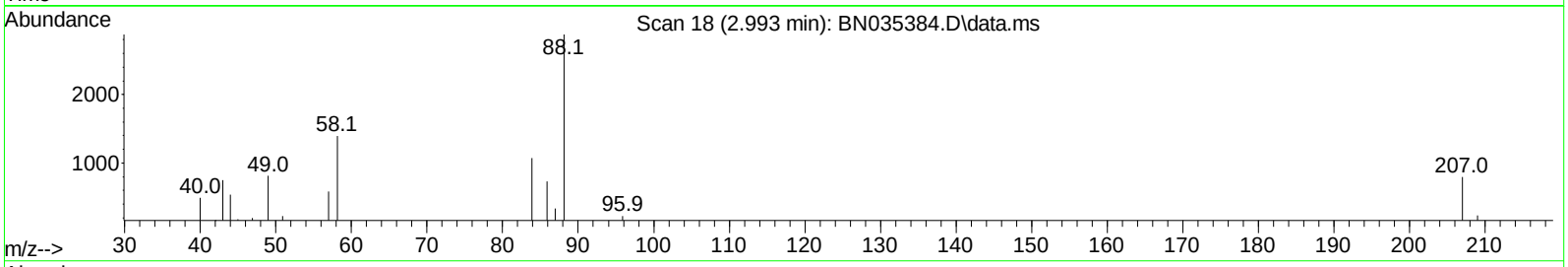
Quant Time: Dec 02 18:06:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 17:45:00 2024
Response via : Initial Calibration

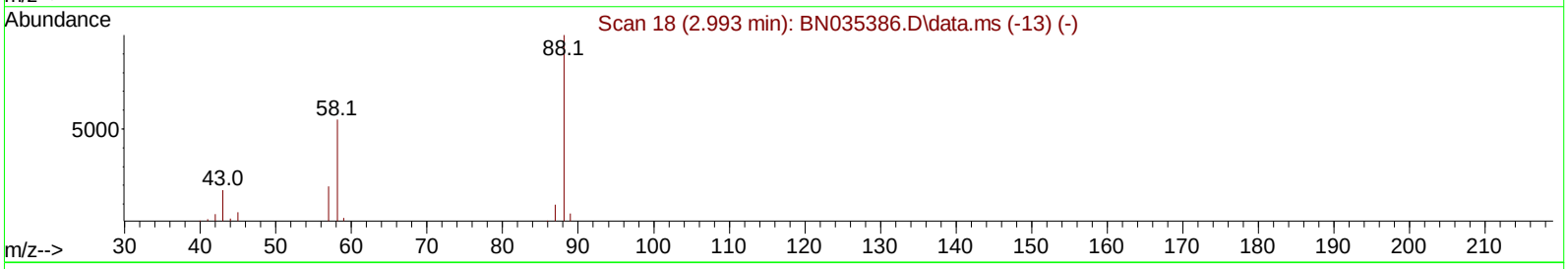
Instrument :
BNA_N
ClientSampleId :
SSTD005231

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024







TIC: BN035384.D\data.ms

(2) 1,4-Dioxane

2.993min (-0.000) 2.22 ng/uL

response 4184

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	17.50	25.99#
58.00	55.00	48.51
0.00	0.00	0.00

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Misc :
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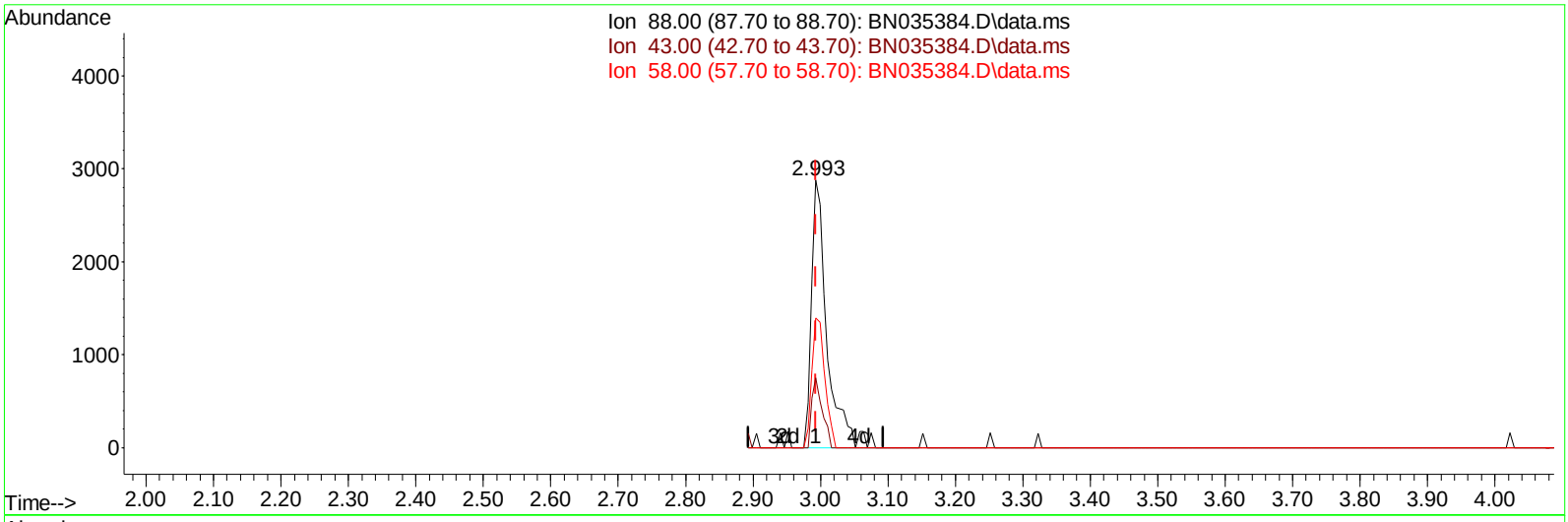

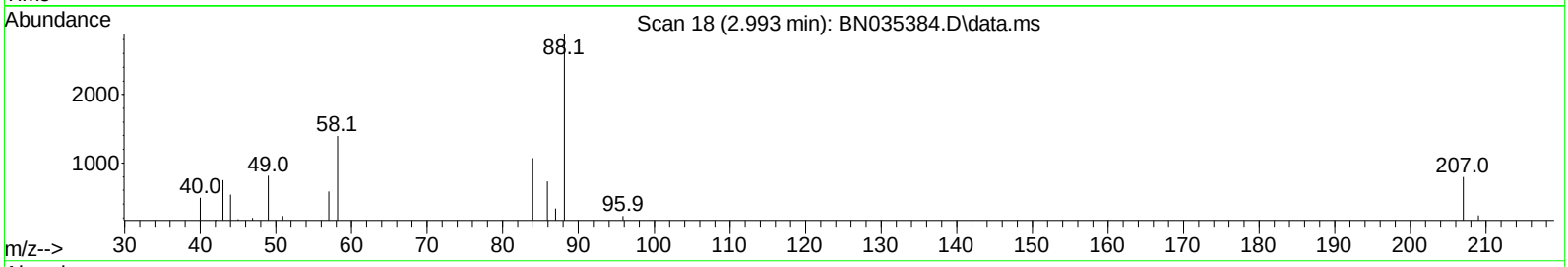

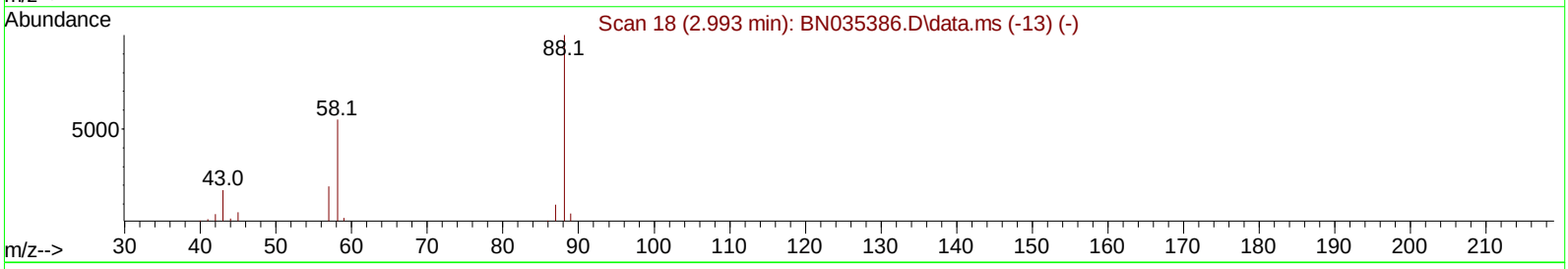

TIC: BN035384.D\data.ms

(2) 1,4-Dioxane

2.993min (-0.000) 2.47 ng/uL m

response 4659

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	17.50	25.99#
58.00	55.00	48.51
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN035384.D
Acq On : 02 Dec 2024 13:03
Operator : RC/JU
Sample : SSTD00592
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 18:06:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 17:45:00 2024
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Instrument :
BNA_N
ClientSampleId :
SSTD005231

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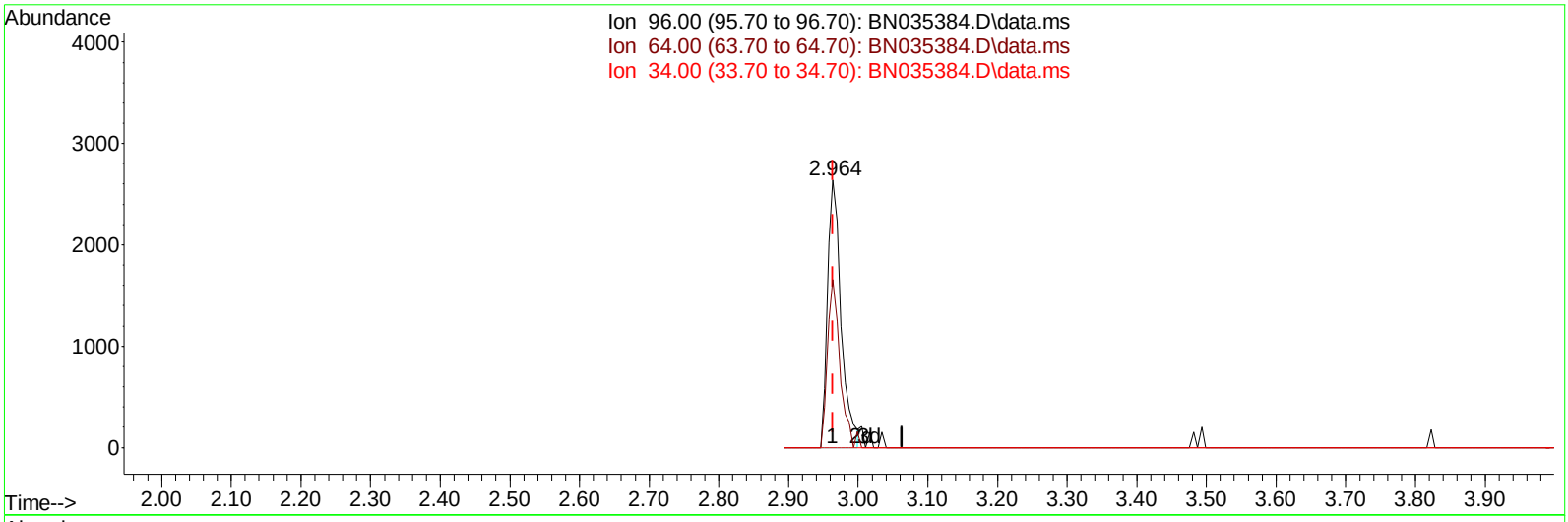

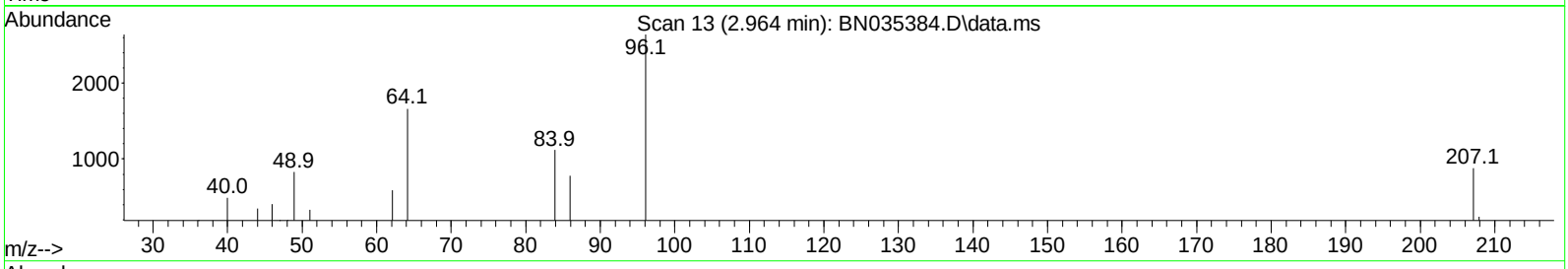

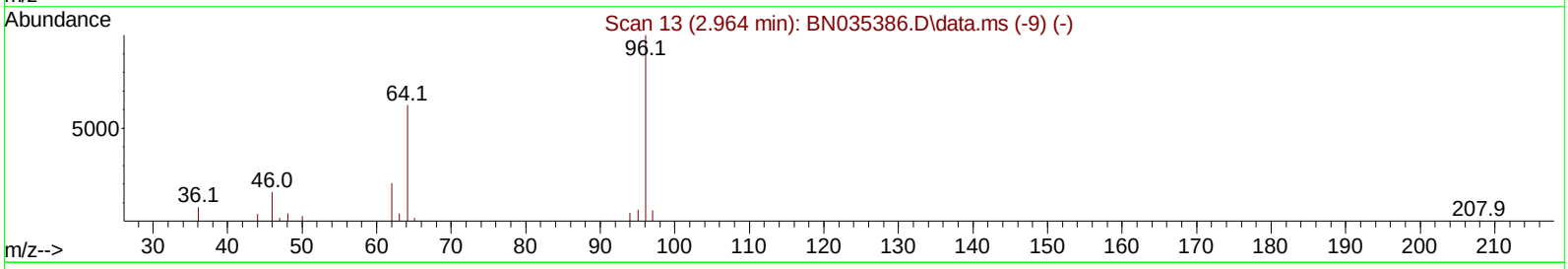

TIC: BN035384.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.964min (-0.000) 2.12 ng/uL

response 3563

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.30	62.93
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN035384.D
Acq On : 02 Dec 2024 13:03
Operator : RC/JU
Sample : SSTD00592
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 18:06:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 17:45:00 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005231

Manual IntegrationsAPPROVED

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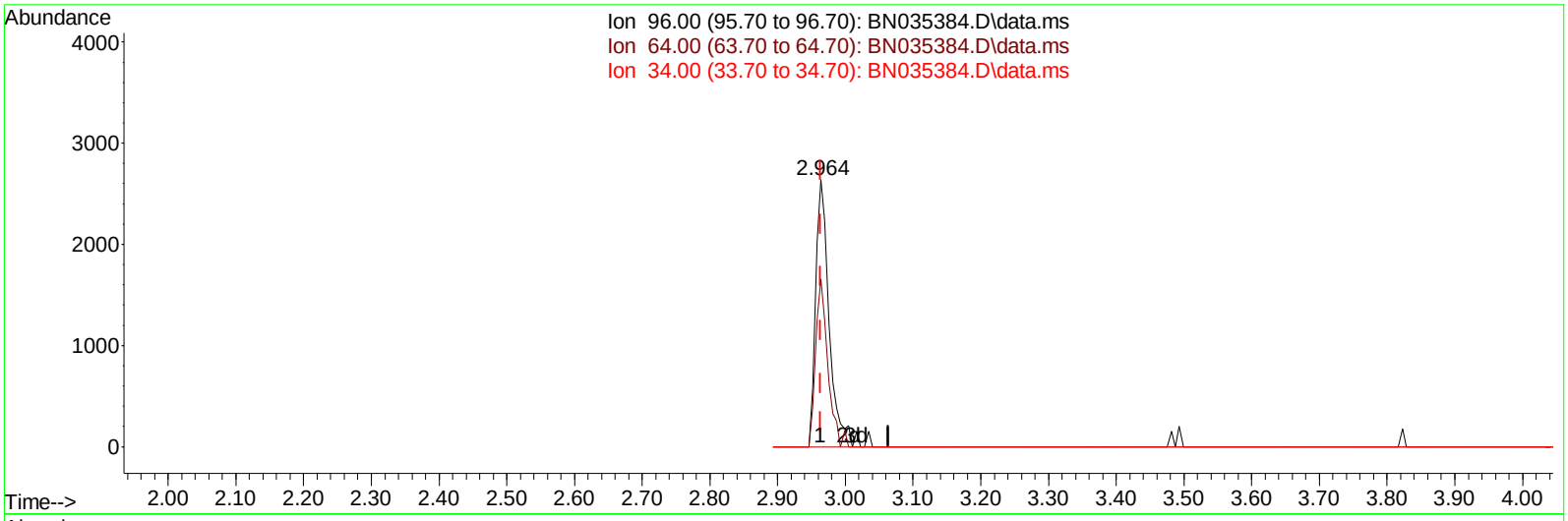

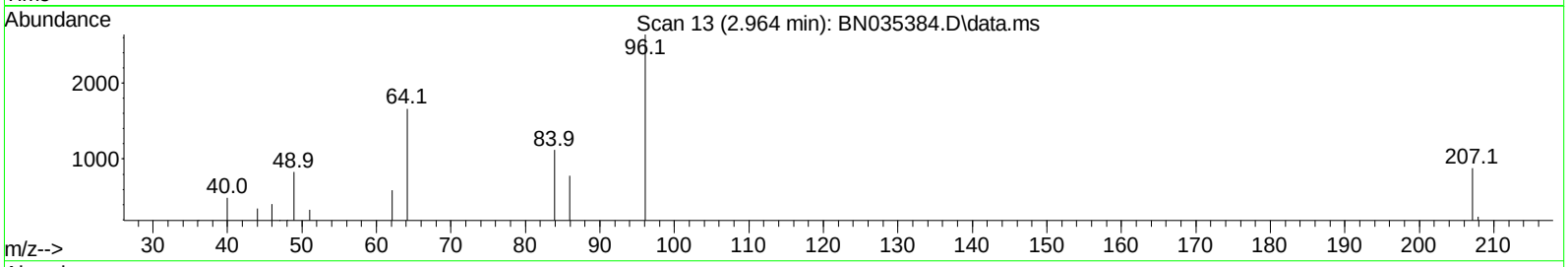

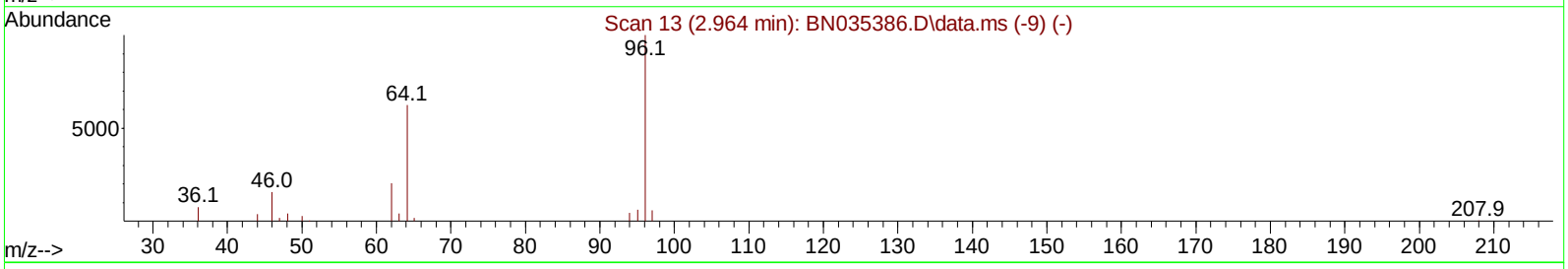

TIC: BN035384.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.964min (-0.000) 2.23 ng/uL m

response 3745

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.30	62.93
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.305	152	79424	20.000	ng/ul	0.00
20) Naphthalene-d8	10.052	136	341626	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.963	164	270826	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	628406	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	655824	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	752874	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	3745m	2.228	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	6.840	132	24479	5.105	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.440	128	10454	4.710	ng/ul	0.00
24) 2-Nitrophenol-d4	9.152	143	11596	4.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.687	165	29474	5.249	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.387	166	109789	5.646	ng/ul	0.00
49) Acenaphthylene-d8	13.646	160	122156	5.704	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	14.969	176	99262	5.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	16.828	188	159228	5.745	ng/ul	0.00
81) Pyrene-d10	19.145	212	195427	5.642	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.469	264	198533	5.446	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	4659m	2.472	ng/uL	
12) 2-Chlorophenol	6.875	128	26722	5.355	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.105	70	19841	5.359	ng/ul	95
19) Hexachloroethane	8.352	117	11709	5.492	ng/ul	93
22) Nitrobenzene	8.481	77	28453	5.104	ng/ul	98
23) Isophorone	9.005	82	60298	5.397	ng/ul	98
25) 2-Nitrophenol	9.181	139	14017	4.816	ng/ul	92
26) 2,4-Dimethylphenol	9.263	107	32436	5.560	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.499	93	38407	5.644	ng/ul	94
29) 2,4-Dichlorophenol	9.710	162	30968	5.451	ng/ul	93
30) Naphthalene	10.099	128	101161	5.827	ng/ul	99
33) Hexachlorobutadiene	10.393	225	22587	5.633	ng/ul	99
35) 4-Chloro-3-methylphenol	11.363	107	32329	5.463	ng/ul	97
36) 2-Methylnaphthalene	11.728	142	75224	5.818	ng/ul	98
37) 1-Methylnaphthalene	11.951	142	77640	5.858	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.110	216	44943	5.631	ng/ul	97
41) 2,4,6-Trichlorophenol	12.369	196	26988	5.214	ng/ul	94
42) 2,4,5-Trichlorophenol	12.440	196	29969	5.197	ng/ul	97
43) 1,1'-Biphenyl	12.781	154	110421	5.908	ng/ul	95
44) 2-Chloronaphthalene	12.810	162	87671	5.864	ng/ul	98
45) 2-Nitroaniline	13.034	65	12538	4.267	ng/ul	91
47) Dimethylphthalate	13.440	163	111792	5.746	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	13560	4.182	ng/ul#	90

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	13.675	152	132724	5.831	ng/ul	98
52) Acenaphthene	14.028	153	95893	5.853	ng/ul	94
56) Dibenzofuran	14.369	168	140917	6.049	ng/ul	94
57) 2,4-Dinitrotoluene	14.345	165	23781	4.622	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	14.604	232	27338	5.442	ng/ul#	98
59) Diethylphthalate	14.828	149	107419	5.650	ng/ul	99
61) Fluorene	15.022	166	117907	6.283	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.034	204	60273	6.286	ng/ul	96
67) N-Nitrosodiphenylamine	15.251	169	95438	5.717	ng/ul	97
68) 4-Bromophenyl-phenylether	15.934	248	35760	5.627	ng/ul	96
69) Hexachlorobenzene	16.034	284	43665	5.788	ng/ul	99
72) Phenanthrene	16.769	178	192216	5.941	ng/ul	98
74) Anthracene	16.857	178	194652	5.959	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	46068	5.529	ng/uL	99
76) Pentachlorobenzene	14.287	250	50062	5.837	ng/uL	100
78) Di-n-butylphthalate	17.739	149	167703	5.300	ng/ul	100
80) Fluoranthene	18.810	202	226854	5.580	ng/ul	100
82) Pyrene	19.175	202	254719	5.843	ng/ul	99
83) Butylbenzylphthalate	20.133	149	58346	4.748	ng/ul	99
85) Benzo(a)anthracene	20.963	228	257875	5.857	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.939	149	93771	4.840	ng/ul	99
87) Chrysene	21.022	228	249239	5.875	ng/ul	96
90) Benzo(b)fluoranthene	22.821	252	241061	5.555	ng/ul	97
91) Benzo(k)fluoranthene	22.874	252	253189	5.698	ng/ul	99
93) Benzo(a)pyrene	23.527	252	227214	5.579	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.592	276	266729	5.490	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	215300	5.469	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	202558	5.493	ng/ul	99

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

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