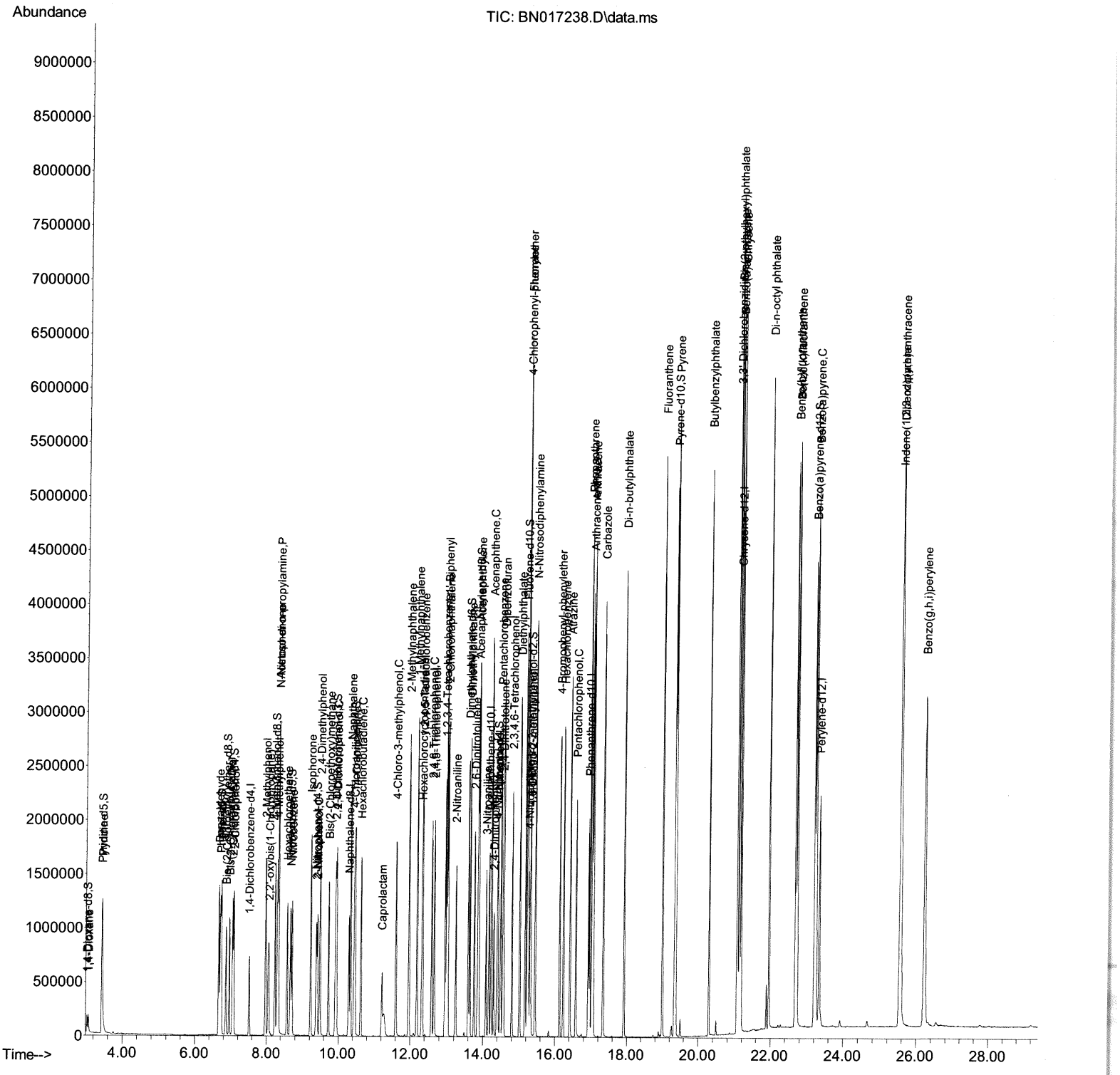
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
Data File : BN017238.D
Acq On : 02 Nov 2021 13:11
Operator : CG/JU
Sample : SSTD04039
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 02 15:48:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 15:36:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040239

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021



Quantitation Report (Qedit)

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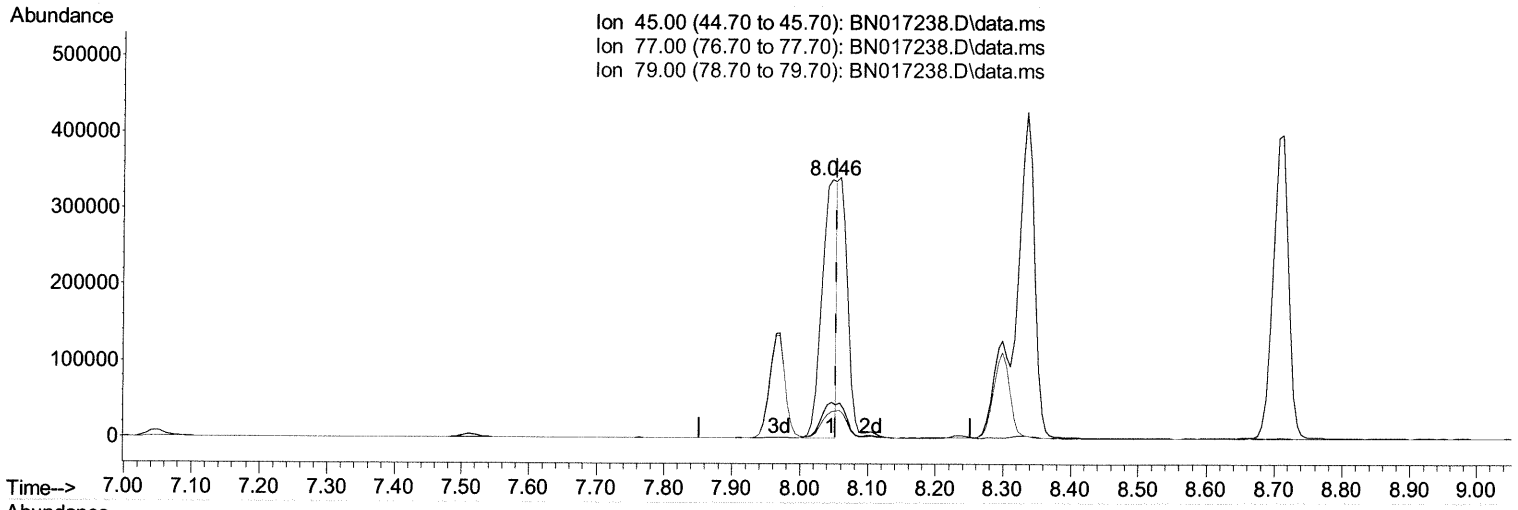

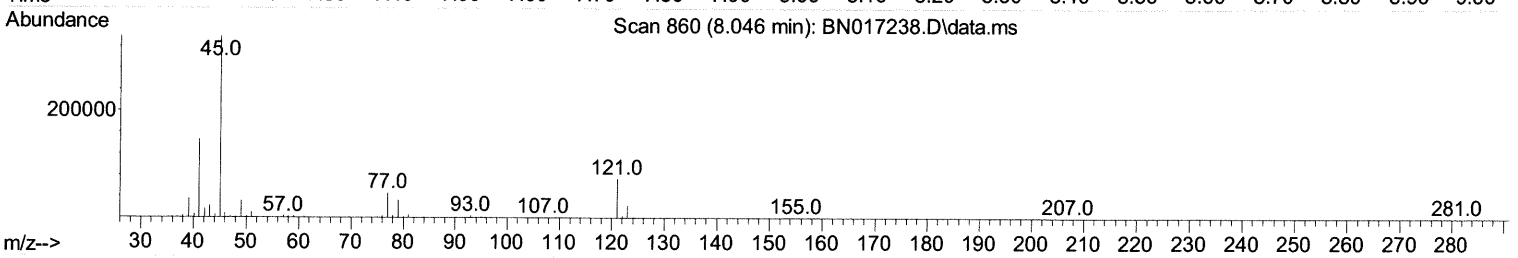

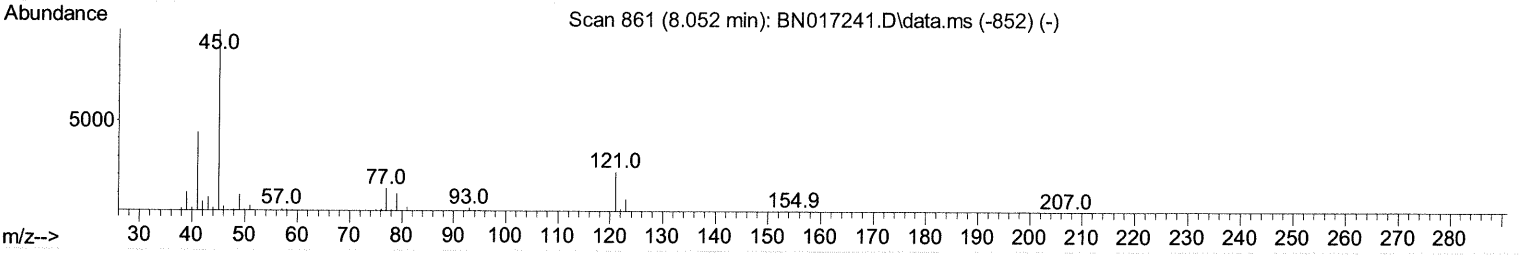

TIC: BN017238.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.046min (-0.006) 25.71 ng/ul

response 529900

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.90	13.68
79.00	10.30	10.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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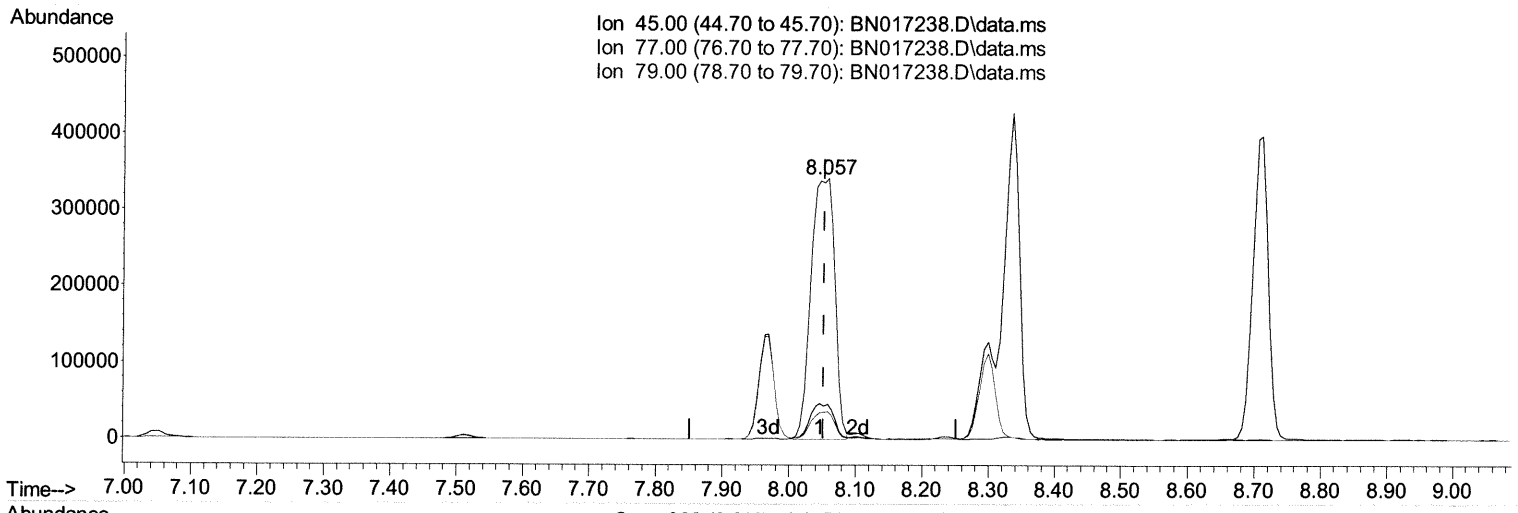

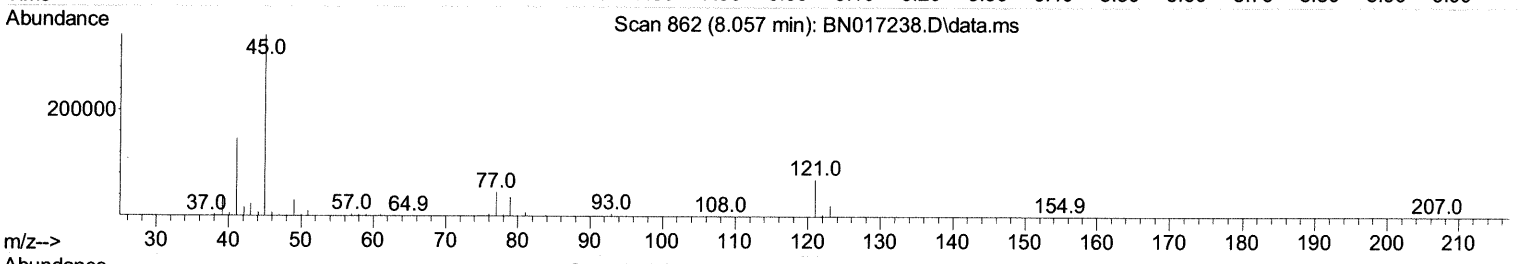

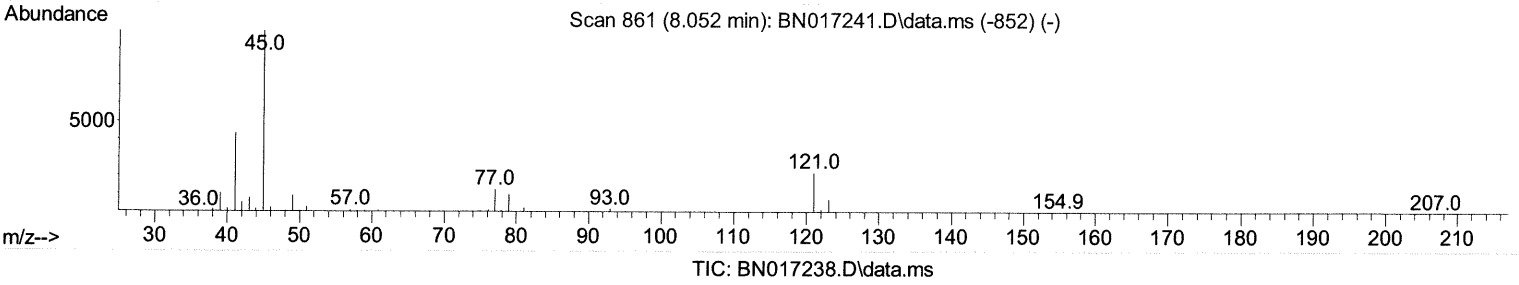

TIC: BN017238.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.057min (+ 0.006) 41.07 ng/ul m 11/04/21 JU

response 846522

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.90	13.30
79.00	10.30	10.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTD04039
Misc :
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Manual IntegrationsAPPROVED

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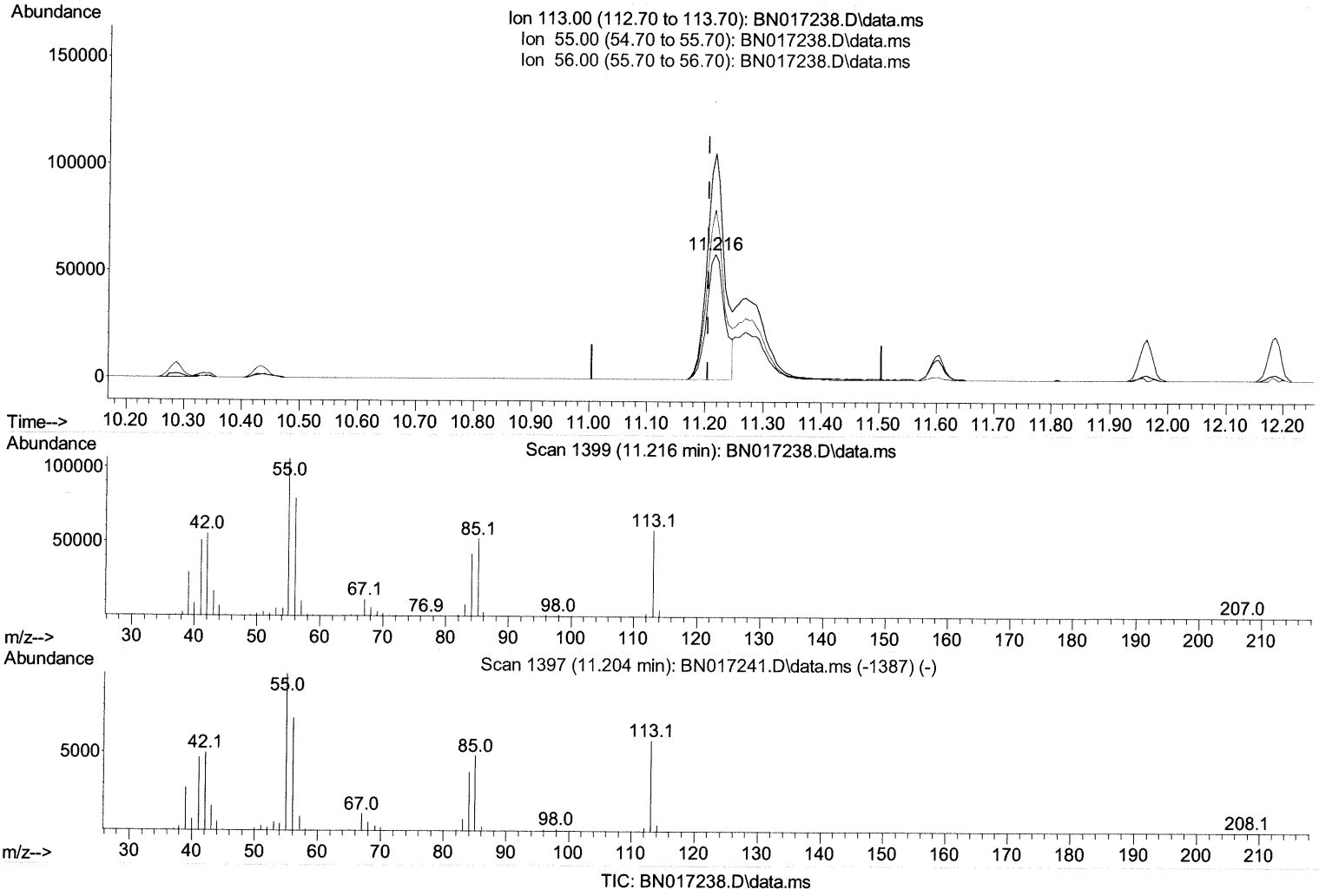

TIC: BN017238.D\data.ms

(34) Caprolactam

11.216min (+ 0.012) 25.25 ng/ul

response 125298

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.30	180.58
56.00	123.70	135.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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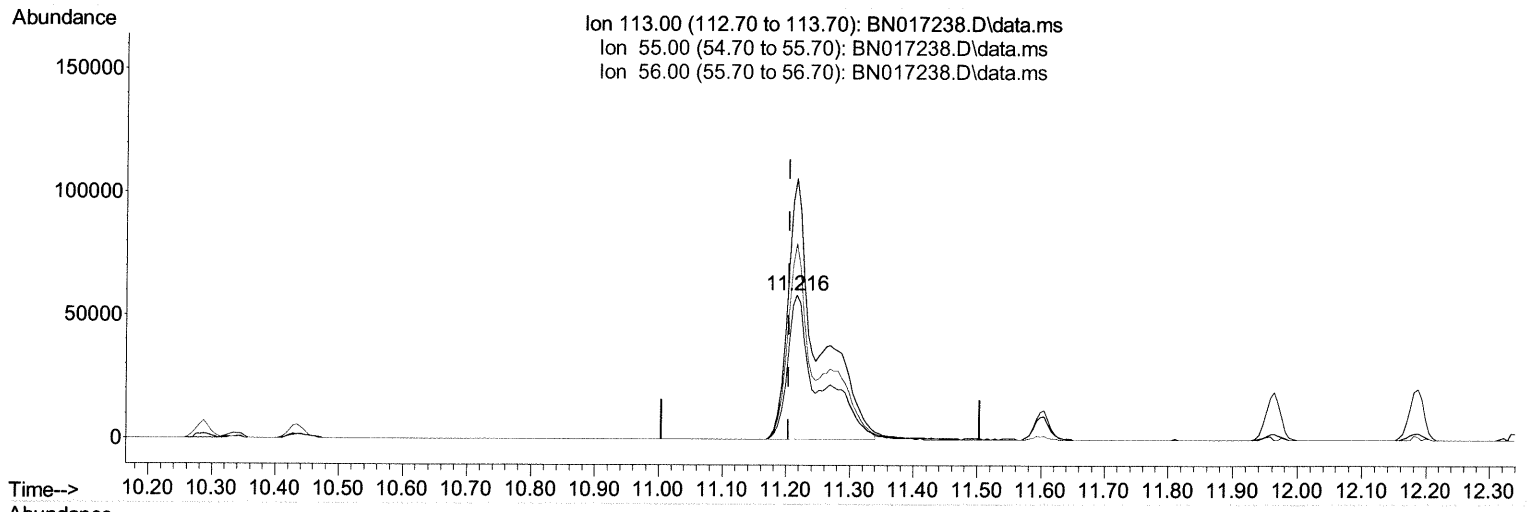

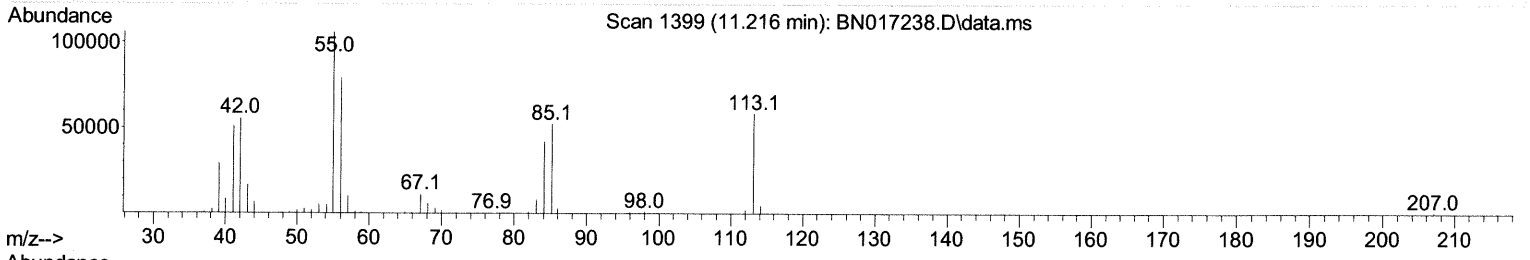

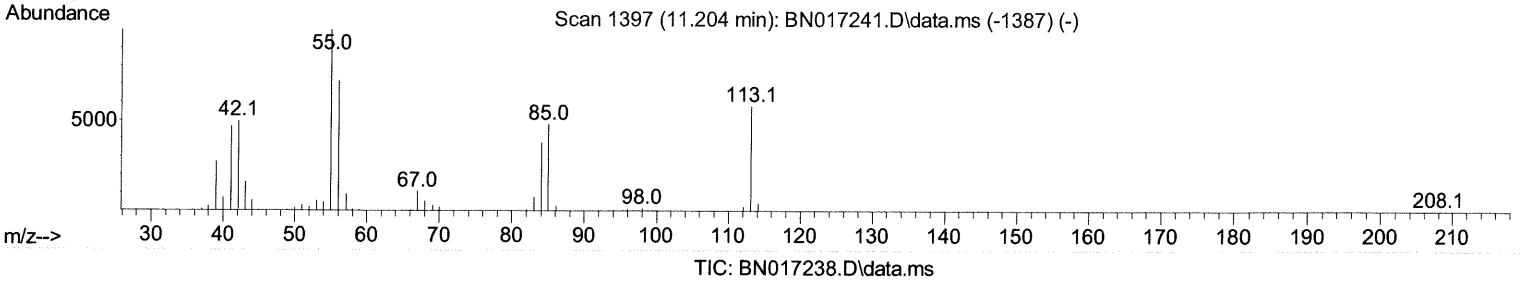

TIC: BN017238.D\data.ms

(34) Caprolactam

11.216min (+ 0.012) 40.68 ng/ul m 11/04/2134

response 201861

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.30	180.58
56.00	123.70	135.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 02 Nov 2021 13:11
Operator : CG/JU
Sample : SSTD04039
Misc :
ALS Vial : 5 Sample Multiplier: 1

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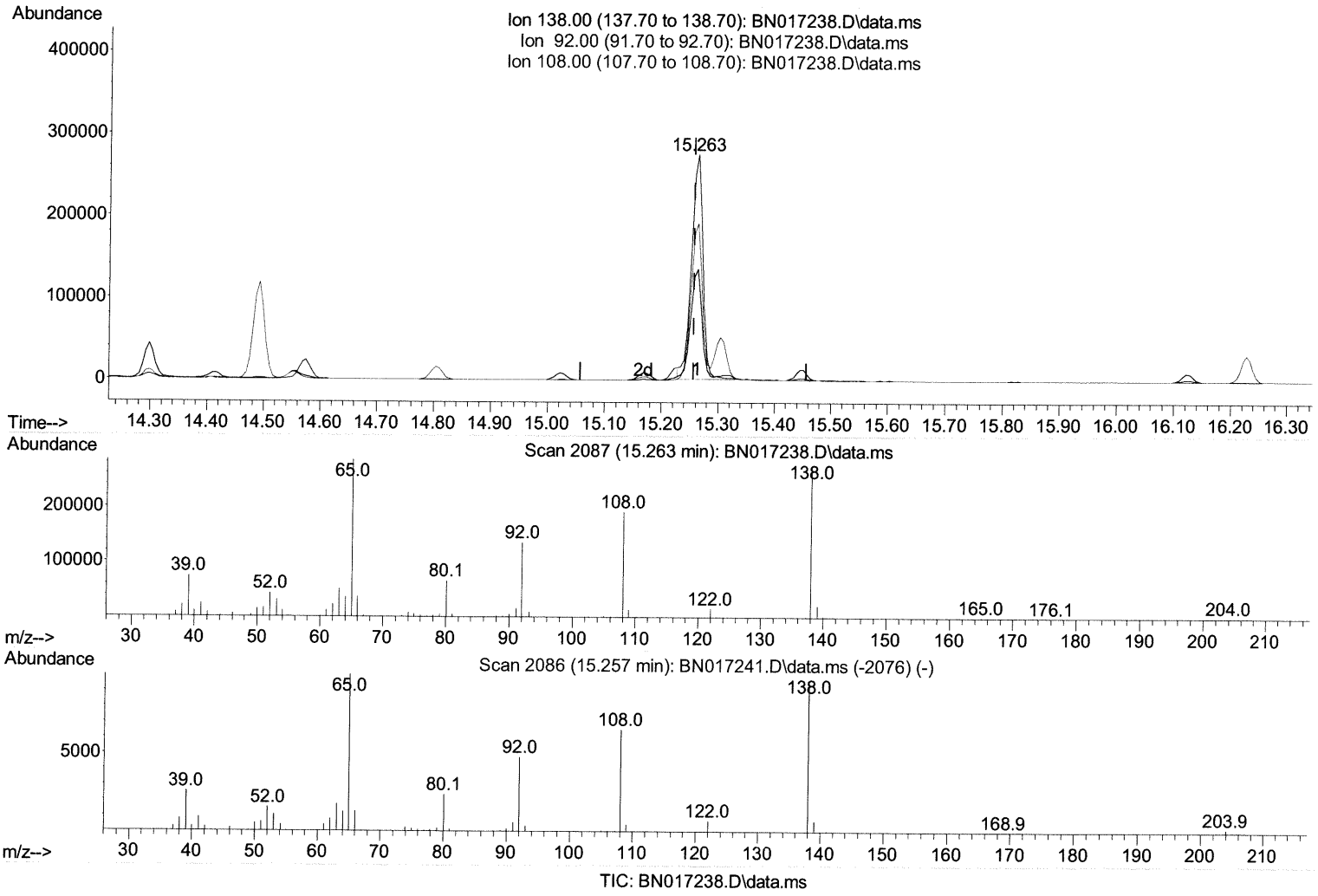
Instrument :
BNA_N
ClientSampleId :
SSTD040239

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021



(63) 4-Nitroaniline

15.263min (+ 0.006) 40.28 ng/ul

response 388622

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.40	49.22
108.00	68.90	69.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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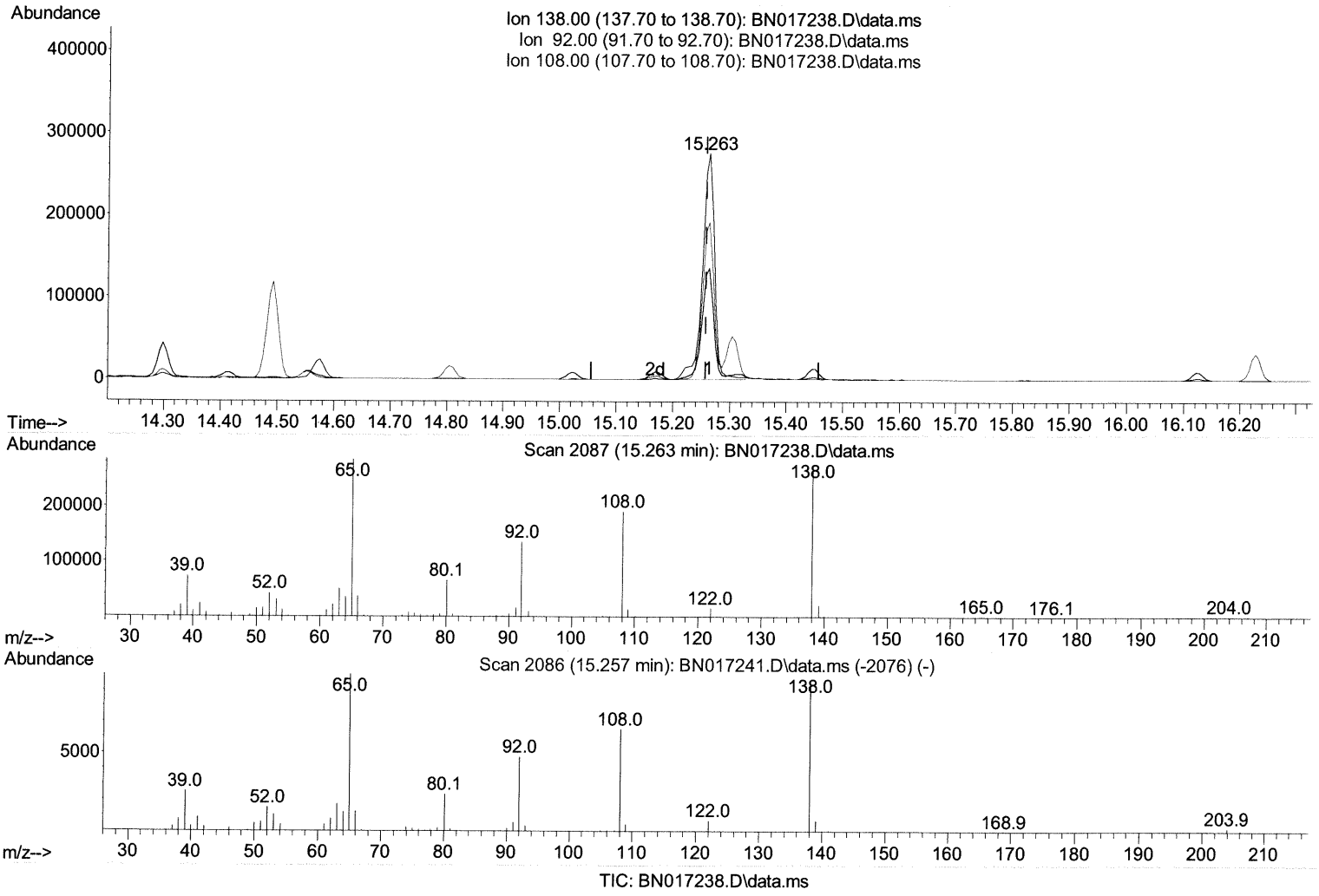
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021



TIC: BN017238.D\data.ms

(63) 4-Nitroaniline

15.263min (+ 0.006) 42.42 ng/ul m 11/04/21 JU

response 409260

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.40	49.22
108.00	68.90	69.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	190205	20.000	ng/ul	0.00
20) Naphthalene-d8	10.287	136	883979	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.169	164	571396	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.928	188	1199187	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1195235	20.000	ng/ul	0.00
88) Perylene-d12	23.339	264	1336324	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	75997	14.473	ng/uL	0.00
4) Pyridine-d5	3.428	84	538606	38.295	ng/ul	0.00
7) Phenol-d5	6.705	99	711291	40.244	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	424809	40.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	573582	41.266	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	589531	40.860	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	292957	42.793	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	333838	44.048	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	581363	41.870	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	838777	40.559	ng/ul	0.00
46) Dimethylphthalate-d6	13.598	166	1737178	40.611	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	2231867	41.389	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	350801	41.562	ng/ul	0.00
60) Fluorene-d10	15.175	176	1469899	40.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.304	200	319927	41.200	ng/ul	0.00
73) Anthracene-d10	17.028	188	2328396	40.216	ng/ul	0.00
81) Pyrene-d10	19.333	212	2688013	38.347	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.204	264	2943198	41.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	75454	14.531	ng/uL	92
5) Pyridine	3.446	79	551438	38.743	ng/ul	100
6) Benzaldehyde	6.663	77	439085	41.695	ng/ul	99
8) Phenol	6.728	94	717476	40.127	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.957	93	569207	40.515	ng/ul	99
12) 2-Chlorophenol	7.081	128	584517	40.665	ng/ul	99
13) 2-Methylphenol	7.969	108	555781	40.856	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.057	45	846522m	41.071	ng/ul	11/04/21 JU
16) Acetophenone	8.334	105	889965	41.620	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.328	70	451608	42.071	ng/ul	99
18) 4-Methylphenol	8.299	108	620161	41.266	ng/ul	98
19) Hexachloroethane	8.575	117	228484	41.275	ng/ul	98
22) Nitrobenzene	8.710	77	642557	41.740	ng/ul	96
23) Isophorone	9.228	82	1288282	41.218	ng/ul	99
25) 2-Nitrophenol	9.416	139	355362	43.064	ng/ul	96
26) 2,4-Dimethylphenol	9.487	107	674528	40.788	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.728	93	797744	39.905	ng/ul	100
29) 2,4-Dichlorophenol	9.946	162	568454	41.221	ng/ul	94
30) Naphthalene	10.334	128	1942087	40.380	ng/ul	100
32) 4-Chloroaniline	10.457	127	844646	41.285	ng/ul	97
33) Hexachlorobutadiene	10.628	225	335828	39.992	ng/ul	99
34) Caprolactam	11.216	113	201861m	40.681	ng/ul	11/04/21 JU
35) 4-Chloro-3-methylphenol	11.598	107	632250	41.208	ng/ul	98

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.963	142	1341113	40.390	ng/ul	100
37) 1-Methylnaphthalene	12.187	142	1364722	39.900	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.340	216	685552	41.163	ng/ul	97
40) Hexachlorocyclopentadiene	12.316	237	442305	41.787	ng/ul	95
41) 2,4,6-Trichlorophenol	12.592	196	468439	43.380	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	506382	42.110	ng/ul	97
43) 1,1'-Biphenyl	12.998	154	1775453	40.132	ng/ul	98
44) 2-Chloronaphthalene	13.034	162	1383977	41.076	ng/ul	98
45) 2-Nitroaniline	13.251	65	405187	44.177	ng/ul	96
47) Dimethylphthalate	13.645	163	1699893	39.569	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	363005	43.031	ng/ul	97
50) Acenaphthylene	13.887	152	2271314	41.125	ng/ul	100
51) 3-Nitroaniline	14.092	138	398611	40.825	ng/ul	94
52) Acenaphthene	14.234	153	1451668	40.647	ng/ul	99
53) 2,4-Dinitrophenol	14.298	184	224825	41.668	ng/ul	96
55) 4-Nitrophenol	14.416	109	245560	41.228	ng/ul	95
56) Dibenzofuran	14.575	168	2044411	40.094	ng/ul	99
57) 2,4-Dinitrotoluene	14.551	165	528896	43.474	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.804	232	422783	42.590	ng/ul	100
59) Diethylphthalate	15.022	149	1769814	41.313	ng/ul	98
61) Fluorene	15.228	166	1628162	40.508	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.234	204	811061	41.037	ng/ul	98
63) 4-Nitroaniline	15.263	138	409260m	42.419	ng/ul	11/04/21 JH
66) 4,6-Dinitro-2-methylph...	15.322	198	320799	41.407	ng/ul	98
67) N-Nitrosodiphenylamine	15.451	169	1465769	40.157	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	515860	40.368	ng/ul	97
69) Hexachlorobenzene	16.228	284	587799	39.527	ng/ul	97
70) Atrazine	16.416	200	538576	40.213	ng/ul	99
71) Pentachlorophenol	16.581	266	373249	41.809	ng/ul	92
72) Phenanthrene	16.969	178	2667836	40.378	ng/ul	98
74) Anthracene	17.057	178	2709498	40.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	709068	40.448	ng/uL	99
76) Pentachlorobenzene	14.492	250	723085	40.732	ng/uL	96
77) Carbazole	17.339	167	2534060	42.897	ng/ul	98
78) Di-n-butylphthalate	17.922	149	3072784	44.005	ng/ul	99
80) Fluoranthene	18.998	202	3203302	38.267	ng/ul	98
82) Pyrene	19.363	202	3227553	37.669	ng/ul	99
83) Butylbenzylphthalate	20.292	149	1418261	44.455	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.069	252	1253652	47.118	ng/ul	99
85) Benzo(a)anthracene	21.121	228	3268726	41.543	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.080	149	2154801	44.751	ng/ul	99
87) Chrysene	21.174	228	3120517	40.239	ng/ul	97
89) Di-n-octyl phthalate	21.957	149	3682356	37.701	ng/ul	100
90) Benzo(b)fluoranthene	22.686	252	3522536	39.045	ng/ul	99
91) Benzo(k)fluoranthene	22.727	252	3286772	37.454	ng/ul	99
93) Benzo(a)pyrene	23.251	252	3488328	40.184	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.557	276	4148905	46.851	ng/ul	99
95) Dibenzo(a,h)anthracene	25.574	278	3491555	46.645	ng/ul	99
96) Benzo(g,h,i)perylene	26.233	276	3495861	47.147	ng/ul	99

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